

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					06/10/2024	
Generator Data																										
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	
	20.45	17.98	17.06	15.66	16.34	17.28	20.81	22.75	23.27	21.73	21.45	21.88	22.40	22.92	23.02	24.36	27.66	32.18	31.44	31.52	30.42	26.41	23.55	22.04		
	1.53	1.27	1.26	1.13	1.08	1.04	1.34	1.63	1.88	1.79	1.79	1.88	1.94	2.12	2.23	2.50	2.84	3.07	3.24	3.07	2.79	2.18	1.74	1.42		
74TH STREET_GT_1 24260																										
	20.49	17.97	17.09	15.69	16.35	17.25	20.81	22.75	23.29	21.73	21.45	21.88	22.39	22.85	23.04	24.34	27.59	32.18	31.47	31.49	30.42	26.27	23.59	22.06		
	1.57	1.25	1.30	1.16	1.10	1.01	1.34	1.63	1.90	1.79	1.79	1.88	1.94	2.06	2.25	2.48	2.77	3.07	3.27	3.04	2.79	2.04	1.79	1.44		
74TH STREET_GT_2 24261																										
	20.49	17.97	17.09	15.69	16.35	17.25	20.81	22.75	23.29	21.73	21.45	21.88	22.39	22.85	23.04	24.34	27.59	32.18	31.47	31.49	30.42	26.27	23.59	22.06		
	1.57	1.25	1.30	1.16	1.10	1.01	1.34	1.63	1.90	1.79	1.79	1.88	1.94	2.06	2.25	2.48	2.77	3.07	3.27	3.04	2.79	2.04	1.79	1.44		
ADK HUDSON___FALLS 24011																										
	20.28	17.90	16.90	15.54	16.27	17.30	20.87	22.59	22.89	21.27	20.99	21.38	21.80	22.17	22.17	23.04	25.58	27.40	30.34	30.46	29.73	25.98	23.35	21.91		
	1.36	1.19	1.11	1.02	1.02	1.06	1.40	1.46	1.50	1.34	1.34	1.38	1.35	1.37	1.37	1.49	1.72	1.85	2.14	2.02	2.10	1.74	1.55	1.30		
ADK RESOURCE___RCVRY 23798																										
	20.35	18.00	16.96	15.60	16.34	17.41	21.00	22.71	23.01	21.39	21.11	21.50	21.90	22.31	22.27	23.17	25.70	27.53	30.54	30.69	29.96	26.24	23.50	22.04		
	1.44	1.29	1.17	1.07	1.08	1.17	1.54	1.59	1.62	1.45	1.45	1.50	1.45	1.52	1.48	1.62	1.84	1.98	2.34	2.25	2.32	2.01	1.70	1.42		
ADK S GLENS___FALLS 24028																										
	20.28	17.90	16.90	15.54	16.27	17.30	20.87	22.59	22.89	21.27	20.99	21.38	21.80	22.17	22.17	23.04	25.58	27.40	30.34	30.46	29.73	25.98	23.35	21.91		
	1.36	1.19	1.11	1.02	1.02	1.06	1.40	1.46	1.50	1.34	1.34	1.38	1.35	1.37	1.37	1.49	1.72	1.85	2.14	2.02	2.10	1.74	1.55	1.30		
ADK_NYS___DAM 23527																										
	20.05	17.79	16.82	15.50	16.18	17.17	20.60	22.31	22.54	20.93	20.68	21.10	21.53	22.02	21.98	22.85	25.36	27.32	30.06	30.47	29.51	25.90	23.04	21.58		
	1.13	1.07	1.03	0.97	0.93	0.93	1.13	1.18	1.15	1.00	1.02	1.10	1.08	1.23	1.18	1.29	1.51	1.72	1.86	2.02	1.88	1.67	1.24	0.97		
AIR_PRODUCTS___DRP 24190																										
	19.69	17.43	16.49	15.17	15.85	16.80	20.19	21.55	21.82	20.30	20.05	20.42	20.86	21.23	21.25	22.03	24.34	26.17	28.88	29.13	28.24	24.69	22.21	20.86		
	0.78	0.72	0.69	0.64	0.59	0.55	0.72	0.42	0.43	0.36	0.39	0.42	0.41	0.44	0.46	0.47	0.48	0.61	0.68	0.68	0.61	0.46	0.41	0.25		
AKWESSNE_115KV_BK 355683																										
	18.38	16.31	15.41	14.19	14.98	15.97	19.02	20.66	20.90	19.42	19.17	19.48	19.92	20.25	20.21	20.91	23.23	24.53	27.47	27.76	27.03	23.82	21.39	20.20		
	-0.53	-0.40	-0.38	-0.33	-0.27	-0.28	-0.45	-0.46	-0.49	-0.52	-0.49	-0.52	-0.53	-0.54	-0.58	-0.62	-0.67	-0.81	-0.73	-0.68	-0.61	-0.41	-0.41	-0.41		
ALBANY_1_SOLAR 323833																										
	19.73	17.55	16.58	15.25	15.95	16.98	20.34	21.82	22.01	20.43	20.09	20.46	20.90	21.29	21.27	22.11	24.53	26.37	29.22	29.53	28.68	25.15	22.52	21.17		
	0.81	0.84	0.79	0.73	0.70	0.73	0.88	0.70	0.62	0.50	0.43	0.46	0.45	0.50	0.48	0.56	0.67	0.84	1.01	1.08	1.05	0.92	0.72	0.56		
ALBANY_2_SOLAR 323834																										
	19.73	17.55	16.58	15.25	15.95	16.96	20.34	21.82	22.01	20.43	20.09	20.44	20.90	21.29	21.27	22.09	24.53	26.37	29.19	29.53	28.68	25.15	22.52	21.17		
	0.81	0.84	0.79	0.73	0.70	0.71	0.88	0.70	0.62	0.50	0.43	0.44	0.45	0.50	0.48	0.54	0.67	0.84	0.99	1.08	1.05	0.92	0.72	0.56		
ALBANY___1 23571																										
	19.69	17.43	16.49	15.17	15.85	16.80	20.19	21.55	21.82	20.30	20.05	20.42	20.86	21.23	21.25	22.03	24.34	26.17	28.88	29.13	28.24	24.69	22.21	20.86		
	0.78	0.72	0.69	0.64	0.59	0.55	0.72	0.42	0.43	0.36	0.39	0.42	0.41	0.44	0.46	0.47	0.48	0.61	0.68	0.68	0.61	0.46	0.41	0.25		

ALBANY___2 23572	19.69 0.78 0.00	17.43 0.72 0.00	16.49 0.69 0.00	15.17 0.64 0.00	15.85 0.59 0.00	16.80 0.55 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.82 0.43 0.00	20.30 0.36 0.00	20.05 0.39 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.23 0.44 0.00	21.25 0.46 0.00	22.03 0.47 -0.02	24.34 0.48 0.04	26.17 0.61 -0.22	28.88 0.68 0.00	29.13 0.68 0.00	28.24 0.61 0.00	24.69 0.46 0.00	22.21 0.41 0.00	20.86 0.25 0.00
ALBANY___3 23573	19.69 0.78 0.00	17.43 0.72 0.00	16.49 0.69 0.00	15.17 0.64 0.00	15.85 0.59 0.00	16.80 0.55 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.82 0.43 0.00	20.30 0.36 0.00	20.05 0.39 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.23 0.44 0.00	21.25 0.46 0.00	22.03 0.47 -0.02	24.34 0.48 0.04	26.17 0.61 -0.22	28.88 0.68 0.00	29.13 0.68 0.00	28.24 0.61 0.00	24.69 0.46 0.00	22.21 0.41 0.00	20.86 0.25 0.00
ALBANY___4 23574	19.69 0.78 0.00	17.43 0.72 0.00	16.49 0.69 0.00	15.17 0.64 0.00	15.85 0.59 0.00	16.80 0.55 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.82 0.43 0.00	20.30 0.36 0.00	20.05 0.39 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.23 0.44 0.00	21.25 0.46 0.00	22.03 0.47 -0.02	24.34 0.48 0.04	26.17 0.61 -0.22	28.88 0.68 0.00	29.13 0.68 0.00	28.24 0.61 0.00	24.69 0.46 0.00	22.21 0.41 0.00	20.86 0.25 0.00
ALBANY___LFGE 323615	19.69 0.78 0.00	17.55 0.84 0.00	16.58 0.79 0.00	15.27 0.74 0.00	15.94 0.69 0.00	16.94 0.70 0.00	20.32 0.86 0.00	21.76 0.63 0.00	22.01 0.62 0.00	20.49 0.56 0.00	20.23 0.57 0.00	20.62 0.62 0.00	21.05 0.59 0.00	21.48 0.69 0.00	21.46 0.67 0.00	22.27 0.71 -0.02	24.65 0.79 0.04	26.47 0.91 -0.22	29.22 1.01 0.00	29.53 1.08 0.00	28.60 0.97 0.00	25.10 0.87 0.00	22.45 0.65 0.00	21.07 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	18.30 -0.61 0.01	16.33 -0.38 0.00	15.49 -0.30 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	16.08 -0.16 0.00	18.96 -0.51 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.36 -0.58 0.00	19.11 -0.55 0.00	19.42 -0.58 0.00	19.86 -0.59 0.00	20.19 -0.60 0.00	20.15 -0.64 0.00	20.81 -0.73 0.00	23.09 -0.81 0.00	24.41 -0.94 0.00	27.33 -0.87 0.00	27.68 -0.77 0.00	26.92 -0.72 0.00	23.77 -0.46 0.00	21.34 -0.46 0.00	20.16 -0.45 0.00
ALCOA_RYNLDS___DRP 24188	18.30 -0.61 0.01	16.33 -0.38 0.00	15.49 -0.30 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	16.08 -0.16 0.00	18.96 -0.51 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.36 -0.58 0.00	19.11 -0.55 0.00	19.42 -0.58 0.00	19.86 -0.59 0.00	20.19 -0.60 0.00	20.15 -0.64 0.00	20.81 -0.73 0.00	23.09 -0.81 0.00	24.41 -0.94 0.00	27.33 -0.87 0.00	27.68 -0.77 0.00	26.92 -0.72 0.00	23.77 -0.46 0.00	21.34 -0.46 0.00	20.16 -0.45 0.00
ALCOA___DSASP 323711	18.30 -0.61 0.01	16.20 -0.52 0.00	15.49 -0.30 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	15.90 -0.34 0.00	18.96 -0.51 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.36 -0.58 0.00	19.11 -0.55 0.00	19.42 -0.58 0.00	19.86 -0.59 0.00	20.19 -0.60 0.00	20.15 -0.64 0.00	20.81 -0.73 0.00	23.04 -0.86 0.00	24.41 -0.94 0.00	27.30 -0.90 0.00	27.68 -0.77 0.00	26.86 -0.77 0.00	23.63 -0.60 0.00	21.34 -0.46 0.00	20.16 -0.45 0.00
ALLEGHENY___COGEN 23514	18.99 0.08 0.00	16.73 0.02 0.00	15.78 -0.02 0.00	14.54 0.01 0.00	15.27 0.02 0.00	16.50 0.26 0.00	19.84 0.37 0.00	21.59 0.46 0.00	21.50 0.11 0.00	19.94 0.00 0.00	19.42 -0.24 0.00	19.64 -0.36 0.00	20.10 -0.35 0.00	20.52 -0.27 0.00	20.63 -0.17 0.00	21.26 -0.28 0.00	23.69 -0.22 0.00	25.27 -0.08 0.00	28.43 0.22 0.00	28.65 0.20 0.00	28.27 0.64 0.00	25.13 0.90 0.00	22.76 0.96 0.00	21.46 0.85 0.00
ALTAMONT_115KV_TB 2 55880	19.58 0.66 0.00	17.30 0.59 0.00	16.38 0.58 0.00	15.05 0.52 0.00	15.74 0.49 0.00	16.72 0.47 0.00	20.07 0.60 0.00	21.70 0.57 0.00	21.97 0.58 0.00	20.45 0.52 0.00	20.19 0.53 0.00	20.56 0.56 0.00	21.00 0.55 0.00	21.38 0.58 0.00	21.42 0.62 0.00	22.22 0.67 -0.02	24.58 0.72 0.04	26.41 0.86 -0.21	29.13 0.93 0.00	29.38 0.94 0.00	28.49 0.86 0.00	24.89 0.65 0.00	22.35 0.55 0.00	21.05 0.43 0.00
ALTONA_WT_PWR 323606	18.15 -0.76 0.01	16.03 -0.69 0.00	15.16 -0.63 0.00	13.97 -0.55 0.00	14.83 -0.43 0.00	15.79 -0.45 0.00	18.92 -0.54 0.00	20.66 -0.46 0.00	20.62 -0.77 0.00	19.00 -0.94 0.00	18.75 -0.90 0.00	18.96 -1.04 0.00	19.37 -1.08 0.00	19.71 -1.08 0.00	19.71 -1.08 0.00	20.42 -1.12 0.00	22.61 -1.29 0.00	24.13 -1.22 0.00	27.72 -0.48 0.00	28.33 -0.11 0.00	27.61 -0.03 0.00	24.30 0.07 0.00	21.82 0.02 0.00	20.59 -0.02 0.00
AMERICAN_REF_FUEL 24010	17.95 -0.96 0.00	15.80 -0.92 0.00	14.92 -0.87 0.00	13.76 -0.77 0.00	14.40 -0.85 0.00	15.59 -0.65 0.00	18.65 -0.82 0.00	20.32 -0.80 0.00	20.53 -0.86 0.00	19.16 -0.78 0.00	18.89 -0.77 0.00	19.18 -0.82 0.00	19.63 -0.82 0.00	20.03 -0.77 0.00	20.00 -0.79 0.00	20.50 -1.03 0.00	22.71 -1.19 0.00	23.95 -1.39 0.00	26.48 -1.72 0.00	26.48 -1.96 0.00	25.95 -1.69 0.00	23.29 -0.95 0.00	21.28 -0.52 0.00	20.25 -0.37 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.42 -0.49 0.00	16.28 -0.43 0.00	15.37 -0.43 0.00	14.16 -0.36 0.00	14.83 -0.43 0.00	16.11 -0.13 0.00	19.33 -0.14 0.00	21.19 0.06 0.00	21.37 -0.02 0.00	19.92 -0.02 0.00	19.66 0.00 0.00	19.96 -0.04 0.00	20.41 -0.04 0.00	20.88 0.08 0.00	20.86 0.06 0.00	21.36 -0.17 0.00	23.76 -0.14 0.00	25.04 -0.30 0.00	27.83 -0.37 0.00	27.82 -0.63 0.00	27.30 -0.33 0.00	24.42 0.19 0.00	22.30 0.50 0.00	21.15 0.54 0.00
ARTHUR KILL_GT_1 23520	20.57 1.64 -0.01	18.00 1.29 0.00	17.09 1.30 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.14 0.89 0.00	20.61 1.15 0.00	22.52 1.39 0.00	23.01 1.62 0.00	21.51 1.57 0.00	21.25 1.59 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.79 2.00 0.00	22.94 2.14 0.00	24.29 2.37 -0.38	37.74 2.77 -11.06	34.62 2.99 -6.28	40.85 3.21 -9.43	31.49 3.05 0.00	30.42 2.79 0.00	26.34 2.11 0.00	23.52 1.72 0.00	22.00 1.38 0.00
ARTHUR_KILL_2 23512	20.49 1.57 -0.01	17.97 1.25 0.00	17.04 1.25 0.00	15.63 1.10 0.00	16.29 1.04 0.00	17.09 0.84 0.00	20.58 1.11 0.00	22.48 1.35 0.00	22.95 1.56 0.00	21.45 1.51 0.00	21.21 1.55 0.00	21.66 1.66 0.00	22.19 1.74 0.00	22.73 1.93 0.00	22.87 2.08 0.00	24.20 2.28 -0.38	37.64 2.68 -11.06	34.52 2.89 -6.28	40.74 3.10 -9.43	31.40 2.96 0.00	30.31 2.68 0.00	26.27 2.04 0.00	23.46 1.66 0.00	21.94 1.32 0.00
ARTHUR_KILL_3 23513	20.30 1.38 0.00	17.88 1.17 0.00	16.96 1.17 0.00	15.56 1.03 0.00	16.23 0.98 0.00	17.17 0.93 0.00	20.65 1.19 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.59 1.65 0.00	21.29 1.63 0.00	21.74 1.74 0.00	22.23 1.78 0.00	22.75 1.95 0.00	22.88 2.08 0.00	24.26 2.35 -0.37	34.45 2.70 -7.85	33.73 2.89 -5.49	38.43 3.10 -7.13	31.35 2.90 0.00	30.23 2.60 0.00	26.24 2.01 0.00	23.41 1.61 0.00	21.89 1.28 0.00

ARTHUR_KILL_COGEN 323718	20.57 1.64 -0.01	18.00 1.29 0.00	17.09 1.30 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.14 0.89 0.00	20.61 1.15 0.00	22.52 1.39 0.00	23.01 1.62 0.00	21.51 1.57 0.00	21.25 1.59 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.79 2.00 0.00	22.94 2.14 0.00	24.29 2.37 -0.38	37.74 2.77 -11.06	34.62 2.99 -6.28	40.85 3.21 -9.43	31.49 3.05 0.00	30.42 2.79 0.00	26.34 2.11 0.00	23.52 1.72 0.00	22.00 1.38 0.00
ASHOKAN____ 23654	19.95 1.04 0.00	17.67 0.95 0.00	16.69 0.90 0.00	15.34 0.81 0.00	16.03 0.78 0.00	17.04 0.80 0.00	20.46 0.99 0.00	21.95 0.82 0.00	22.33 0.94 0.00	20.67 0.74 0.00	20.35 0.69 0.00	20.68 0.68 0.00	21.19 0.74 0.00	21.63 0.83 0.00	21.71 0.91 0.00	22.53 0.99 0.00	25.17 1.29 0.03	26.81 1.47 0.00	29.92 1.72 0.00	30.27 1.82 0.00	29.49 1.85 0.00	25.71 1.48 0.00	22.87 1.07 0.00	21.44 0.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.47 1.55 -0.01	18.04 1.32 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.16 0.93 0.01	20.61 1.15 0.01	22.54 1.42 0.01	23.05 1.67 0.01	21.56 1.64 0.01	21.26 1.61 0.01	21.71 1.72 0.01	22.22 1.78 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.00 2.89 -3.76	31.30 3.10 0.00	31.31 2.87 0.01	30.22 2.60 0.01	26.19 1.96 0.01	23.41 1.61 0.00	21.89 1.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.47 1.55 -0.01	18.04 1.32 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.16 0.93 0.01	20.61 1.15 0.01	22.54 1.42 0.01	23.05 1.67 0.01	21.56 1.64 0.01	21.26 1.61 0.01	21.71 1.72 0.01	22.22 1.78 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.00 2.89 -3.76	31.30 3.10 0.00	31.31 2.87 0.01	30.22 2.60 0.01	26.19 1.96 0.01	23.41 1.61 0.00	21.89 1.28 0.00
ASTORIA_GT2_1 24094	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT2_2 24095	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT2_3 24096	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT2_4 24097	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT3_1 24098	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT3_2 24099	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT3_3 24100	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT3_4 24101	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT4_1 24102	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT4_2 24103	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT4_3 24104	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00

ASTORIA_GT4_4 24105	20.49 1.57 -0.01	18.00 1.29 0.00	17.10 1.31 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.12 0.88 0.00	20.63 1.17 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.41 2.61 -0.90	32.00 2.89 -3.76	31.28 3.07 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA_GT_1 23523	20.53 1.61 -0.01	18.07 1.35 0.00	17.12 1.33 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.18 0.94 0.01	20.67 1.21 0.01	22.60 1.48 0.01	23.11 1.73 0.01	21.60 1.67 0.01	21.32 1.67 0.01	21.77 1.78 0.01	22.29 1.84 0.01	22.80 2.02 0.01	22.93 2.14 0.01	24.22 2.37 -0.32	27.58 2.77 -0.90	32.07 2.96 -3.76	31.39 3.19 0.00	31.40 2.96 0.01	30.28 2.65 0.01	26.26 2.04 0.01	23.46 1.66 0.00	21.94 1.32 0.00
ASTORIA_GT_10 24110	20.46 1.53 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.33 3.13 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
ASTORIA_GT_11 24225	20.46 1.53 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.33 3.13 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
ASTORIA_GT_12 24226	20.46 1.53 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.33 3.13 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
ASTORIA_GT_13 24227	20.46 1.53 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.33 3.13 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
ASTORIA_GT_5 24106	20.53 1.61 -0.01	18.04 1.32 0.00	17.12 1.33 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.15 0.91 0.00	20.67 1.21 0.00	22.59 1.46 0.00	23.12 1.73 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	27.46 2.65 -0.90	32.05 2.94 -3.76	31.33 3.13 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.10 1.87 0.00	23.46 1.66 0.00	21.93 1.32 0.00
ASTORIA_GT_7 24107	20.53 1.61 -0.01	18.04 1.32 0.00	17.12 1.33 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.15 0.91 0.00	20.67 1.21 0.00	22.59 1.46 0.00	23.12 1.73 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	27.46 2.65 -0.90	32.05 2.94 -3.76	31.33 3.13 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.10 1.87 0.00	23.46 1.66 0.00	21.93 1.32 0.00
ASTORIA_GT_8 24108	20.53 1.61 -0.01	18.04 1.32 0.00	17.12 1.33 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.15 0.91 0.00	20.67 1.21 0.00	22.59 1.46 0.00	23.12 1.73 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	27.46 2.65 -0.90	32.05 2.94 -3.76	31.33 3.13 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.10 1.87 0.00	23.46 1.66 0.00	21.93 1.32 0.00
ASTORIA___2 24149	20.49 1.57 -0.01	18.04 1.32 0.00	17.10 1.31 0.00	15.73 1.20 0.00	16.40 1.14 0.00	17.16 0.93 0.01	20.63 1.17 0.01	22.56 1.44 0.01	23.07 1.69 0.01	21.56 1.64 0.01	21.28 1.63 0.01	21.73 1.74 0.01	22.24 1.80 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.02 2.91 -3.76	31.33 3.13 0.00	31.34 2.90 0.01	30.22 2.60 0.01	26.21 1.99 0.01	23.44 1.64 0.00	21.89 1.28 0.00
ASTORIA___3 23516	20.45 1.53 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.83 2.04 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	29.02 2.77 -2.34	32.45 2.99 -4.12	31.39 3.19 0.00	31.43 2.99 0.00	30.34 2.71 0.00	26.29 2.06 0.00	23.46 1.66 0.00	21.95 1.34 0.00
ASTORIA___4 23517	20.46 1.53 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.33 3.13 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
ASTORIA___5 23518	20.45 1.53 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.83 2.04 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	29.02 2.77 -2.34	32.45 2.99 -4.12	31.39 3.19 0.00	31.43 2.99 0.00	30.34 2.71 0.00	26.29 2.06 0.00	23.46 1.66 0.00	21.95 1.34 0.00
AST_ENERGY_2_CC3 323677	17.40 1.40 2.92	17.40 1.17 0.48	16.98 1.19 0.00	15.59 1.06 0.00	16.24 0.99 0.00	17.19 0.94 0.00	17.40 1.21 3.27	18.53 1.46 4.05	18.53 1.71 4.57	18.53 1.64 3.04	19.25 1.63 2.04	19.25 1.72 2.47	19.25 1.78 2.98	19.25 1.95 3.50	22.04 2.06 0.81	22.04 2.31 1.80	22.04 2.68 4.54	19.25 2.86 8.96	22.47 3.05 8.78	19.25 2.87 12.07	19.25 2.60 10.98	19.25 2.01 6.99	19.25 1.61 4.16	18.12 1.30 3.79
AST_ENERGY_2_CC4 323678	17.40 1.40 2.92	17.40 1.17 0.48	16.98 1.19 0.00	15.59 1.06 0.00	16.24 0.99 0.00	17.19 0.94 0.00	17.40 1.21 3.27	18.53 1.46 4.05	18.53 1.71 4.57	18.53 1.64 3.04	19.25 1.63 2.04	19.25 1.72 2.47	19.25 1.78 2.98	19.25 1.95 3.50	22.04 2.06 0.81	22.04 2.31 1.80	22.04 2.68 4.54	19.25 2.86 8.96	22.47 3.05 8.78	19.25 2.87 12.07	19.25 2.60 10.98	19.25 2.01 6.99	19.25 1.61 4.16	18.12 1.30 3.79

ATHENS_STG_1 23668	19.65 0.74 0.00	17.38 0.67 0.00	16.46 0.66 0.00	15.12 0.60 0.00	15.80 0.55 0.00	16.78 0.54 0.00	20.13 0.66 0.00	21.85 0.72 0.00	22.14 0.75 0.00	20.63 0.70 0.00	20.35 0.69 0.00	20.74 0.74 0.00	21.21 0.76 0.00	21.65 0.85 0.00	21.63 0.83 0.00	22.47 0.90 -0.02	24.92 1.08 0.06	26.79 1.17 -0.28	29.44 1.24 0.00	29.67 1.22 0.00	28.74 1.11 0.00	25.13 0.90 0.00	22.48 0.68 0.00	21.13 0.52 0.00
ATHENS_STG_2 23670	19.65 0.74 0.00	17.38 0.67 0.00	16.46 0.66 0.00	15.12 0.60 0.00	15.80 0.55 0.00	16.78 0.54 0.00	20.13 0.66 0.00	21.85 0.72 0.00	22.14 0.75 0.00	20.63 0.70 0.00	20.35 0.69 0.00	20.74 0.74 0.00	21.21 0.76 0.00	21.65 0.85 0.00	21.63 0.83 0.00	22.47 0.90 -0.02	24.92 1.08 0.06	26.79 1.17 -0.28	29.44 1.24 0.00	29.67 1.22 0.00	28.74 1.11 0.00	25.13 0.90 0.00	22.48 0.68 0.00	21.13 0.52 0.00
ATHENS_STG_3 23677	19.65 0.74 0.00	17.38 0.67 0.00	16.46 0.66 0.00	15.12 0.60 0.00	15.80 0.55 0.00	16.78 0.54 0.00	20.13 0.66 0.00	21.85 0.72 0.00	22.14 0.75 0.00	20.63 0.70 0.00	20.35 0.69 0.00	20.74 0.74 0.00	21.21 0.76 0.00	21.65 0.85 0.00	21.63 0.83 0.00	22.47 0.90 -0.02	24.92 1.08 0.06	26.79 1.17 -0.28	29.44 1.24 0.00	29.67 1.22 0.00	28.74 1.11 0.00	25.13 0.90 0.00	22.48 0.68 0.00	21.13 0.52 0.00
AUBURN___LFGE 323710	18.92 0.00 0.00	16.70 -0.02 0.00	15.78 -0.02 0.00	14.50 -0.03 0.00	15.22 -0.03 0.00	16.31 0.06 0.00	19.60 0.14 0.00	21.36 0.23 0.00	21.56 0.17 0.00	20.12 0.18 0.00	19.81 0.16 0.00	20.16 0.16 0.00	20.62 0.16 0.00	20.92 0.12 0.00	20.94 0.15 0.00	21.65 0.11 0.00	24.28 0.10 -0.28	25.96 0.15 -0.46	29.21 0.17 -0.84	29.51 0.20 -0.86	28.65 0.25 -0.77	24.78 0.22 -0.33	22.08 0.28 0.00	20.86 0.25 0.00
BABYLON_RES_REC 323704	24.96 2.00 -4.04	19.03 1.74 -0.57	17.44 1.64 0.00	15.89 1.37 0.00	16.56 1.31 0.00	17.59 1.35 0.00	21.20 1.73 0.00	22.96 1.84 0.00	23.61 2.22 0.00	22.01 2.07 0.00	26.99 2.08 -5.25	31.29 2.16 -9.13	31.86 2.23 -9.18	32.25 2.39 -9.07	33.52 2.49 -10.23	35.67 2.74 -11.40	46.52 3.18 -19.44	43.59 3.40 -14.85	41.90 3.69 -10.01	38.08 3.56 -6.08	37.99 3.29 -7.07	36.21 2.71 -9.27	26.11 2.31 -2.00	22.74 1.98 -0.15
BABYLON__69_KV_BK2 356345	25.22 2.27 -4.04	19.24 1.96 -0.57	17.66 1.86 0.00	16.08 1.55 0.00	16.76 1.51 0.00	17.77 1.53 0.00	21.45 1.99 0.00	23.16 2.03 0.00	23.94 2.55 0.00	22.29 2.35 0.00	27.25 2.34 -5.25	31.61 2.48 -9.13	32.18 2.56 -9.18	32.53 2.66 -9.07	33.85 2.83 -10.23	36.00 3.06 -11.40	46.81 3.47 -19.44	43.94 3.75 -14.85	42.33 4.12 -10.01	38.42 3.90 -6.08	38.40 3.70 -7.07	36.43 2.93 -9.27	26.44 2.64 -2.00	23.05 2.29 -0.15
BALL_HILL_WT_PWR 323825	18.41 -0.51 0.00	16.23 -0.49 0.00	15.32 -0.47 0.00	14.12 -0.41 0.00	14.78 -0.47 0.00	16.02 -0.23 0.00	19.19 -0.27 0.00	20.96 -0.17 0.00	21.18 -0.21 0.00	19.76 -0.18 0.00	19.50 -0.16 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.67 -0.12 0.00	20.65 -0.14 0.00	21.17 -0.37 0.00	23.50 -0.41 0.00	24.79 -0.56 0.00	27.47 -0.73 0.00	27.48 -0.97 0.00	26.92 -0.72 0.00	24.11 -0.12 0.00	21.97 0.17 0.00	20.88 0.27 0.00
BARON_WINDS___WT_PWR 323822	18.50 -0.42 0.00	16.33 -0.38 0.00	15.41 -0.38 0.00	14.19 -0.33 0.00	14.87 -0.38 0.00	16.07 -0.18 0.00	19.29 -0.18 0.00	21.04 -0.08 0.00	21.24 -0.15 0.00	19.82 -0.12 0.00	19.50 -0.16 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.65 -0.14 0.00	20.65 -0.14 0.00	21.24 -0.30 0.00	23.62 -0.29 0.00	25.01 -0.33 0.00	27.83 -0.37 0.00	27.90 -0.54 0.00	27.33 -0.30 0.00	24.30 0.07 0.00	22.06 0.26 0.00	20.90 0.29 0.00
BARRETT_IC_1 23704	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_10 23701	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_11 23702	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_12 23703	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_2 23705	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_3 23706	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_4 23707	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15

BARRETT_IC_5 23708	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_6 23709	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_7 23710	24.68 1.72 -4.04	18.74 1.45 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.33 1.09 0.00	20.93 1.46 0.00	22.65 1.52 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	31.94 2.08 -9.07	33.25 2.23 -10.23	35.33 2.39 -11.40	45.97 2.63 -19.44	43.11 2.91 -14.85	41.34 3.13 -10.01	37.48 2.96 -6.08	37.49 2.79 -7.07	35.61 2.11 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_8 23711	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT_IC_9 23700	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT___1 23545	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BARRETT___2 23546	24.68 1.72 -4.04	18.78 1.49 -0.57	17.20 1.41 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.38 1.14 0.00	20.93 1.46 0.00	22.71 1.59 0.00	23.34 1.95 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.25 2.23 -10.23	35.35 2.41 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.34 3.13 -10.01	37.57 3.05 -6.08	37.55 2.85 -7.07	35.75 2.25 -9.27	25.79 1.98 -2.00	22.43 1.67 -0.15
BATAVIA__115KV_TB1 55881	18.35 -0.57 0.00	16.30 -0.42 0.00	15.38 -0.41 0.00	14.19 -0.33 0.00	14.89 -0.37 0.00	16.05 -0.19 0.00	19.27 -0.19 0.00	21.11 -0.02 0.00	21.24 -0.15 0.00	19.86 -0.08 0.00	19.54 -0.12 0.00	19.84 -0.16 0.00	20.35 -0.10 0.00	20.40 -0.40 0.00	20.71 -0.08 0.00	21.30 -0.24 0.00	23.59 -0.31 0.00	25.07 -0.28 0.00	27.64 -0.56 0.00	27.68 -0.77 0.00	27.36 -0.28 0.00	24.21 -0.02 0.00	22.04 0.24 0.00	20.88 0.27 0.00
BAYONEEC___CTG1 323682	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG10 323750	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG2 323683	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG3 323684	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG4 323685	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG5 323686	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG6 323687	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00

BAYONEEC___CTG7 323688	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG8 323689	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BAYONEEC___CTG9 323749	20.35 1.44 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.79 2.00 0.00	22.89 2.10 0.00	24.23 2.37 -0.33	27.54 2.72 -0.91	32.03 2.91 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.32 2.08 0.00	23.46 1.66 0.00	21.95 1.34 0.00
BEACON___LESR 323632	19.77 0.85 0.00	17.62 0.90 0.00	16.64 0.85 0.00	15.31 0.78 0.00	16.00 0.75 0.00	16.99 0.75 0.00	20.42 0.95 0.00	21.85 0.72 0.00	22.09 0.70 0.00	20.55 0.62 0.00	20.31 0.65 0.00	20.68 0.68 0.00	21.13 0.67 0.00	21.54 0.75 0.00	21.52 0.73 0.00	22.35 0.80 -0.02	24.74 0.88 0.04	26.63 1.06 -0.22	29.39 1.18 0.00	29.70 1.25 0.00	28.79 1.16 0.00	25.25 1.02 0.00	22.56 0.76 0.00	21.17 0.56 0.00
BEAVER RIVER___HYD 24048	19.06 0.15 0.00	16.80 0.08 0.00	15.90 0.11 0.00	14.66 0.13 0.00	15.41 0.15 0.00	16.49 0.24 0.00	19.78 0.31 0.00	21.57 0.44 0.00	21.69 0.30 0.00	20.19 0.26 0.00	19.83 0.18 0.00	20.14 0.14 0.00	20.64 0.18 0.00	20.98 0.19 0.00	20.92 0.13 0.00	21.58 0.04 0.00	24.05 -0.02 -0.17	25.67 0.05 -0.28	28.92 0.22 -0.50	29.36 0.40 -0.51	28.59 0.50 -0.46	24.96 0.53 -0.19	22.19 0.39 0.00	20.93 0.31 0.00
BEEBEE_GT_13 23619	18.39 -0.53 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.98 -0.26 0.00	19.19 -0.27 0.00	20.98 -0.15 0.00	21.15 -0.24 0.00	19.78 -0.16 0.00	19.50 -0.16 0.00	19.82 -0.18 0.00	20.33 -0.12 0.00	20.44 -0.35 0.00	20.63 -0.17 0.00	21.28 -0.26 0.00	23.57 -0.33 0.00	25.01 -0.33 0.00	27.67 -0.54 0.00	27.76 -0.68 0.00	27.27 -0.36 0.00	24.04 -0.19 0.00	21.80 0.00 0.00	20.66 0.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.63 1.70 -0.01	18.04 1.32 0.00	17.15 1.36 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.20 0.96 0.00	20.77 1.30 0.00	22.71 1.58 0.00	23.25 1.86 0.00	21.73 1.79 0.00	21.47 1.81 0.00	21.92 1.92 0.00	22.46 2.00 0.00	22.94 2.14 0.00	23.12 2.33 0.00	24.50 2.58 -0.38	37.88 2.92 -11.06	34.85 3.22 -6.28	41.07 3.44 -9.43	31.66 3.21 0.00	30.56 2.93 0.00	26.36 2.13 0.00	23.65 1.85 0.00	22.12 1.50 0.00
BETHLEHEM___GRP 23843	19.69 0.78 0.00	17.43 0.72 0.00	16.49 0.69 0.00	15.17 0.64 0.00	15.85 0.59 0.00	16.80 0.55 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.82 0.43 0.00	20.30 0.36 0.00	20.05 0.39 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.23 0.44 0.00	21.25 0.46 0.00	22.03 0.47 -0.02	24.34 0.48 0.04	26.17 0.61 -0.22	28.88 0.68 0.00	29.13 0.68 0.00	28.24 0.61 0.00	24.69 0.46 0.00	22.21 0.41 0.00	20.86 0.25 0.00
BETHLEHEM___GS1 323560	19.54 0.62 0.00	17.45 0.73 0.00	16.49 0.69 0.00	15.16 0.64 0.00	15.85 0.59 0.00	16.83 0.58 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.80 0.41 0.00	20.30 0.36 0.00	20.03 0.37 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.27 0.48 0.00	21.25 0.46 0.00	22.05 0.50 -0.02	24.41 0.55 0.04	26.22 0.66 -0.22	28.91 0.71 0.00	29.21 0.77 0.00	28.30 0.66 0.00	24.81 0.58 0.00	22.24 0.44 0.00	20.86 0.25 0.00
BETHLEHEM___GS2 323561	19.54 0.62 0.00	17.45 0.73 0.00	16.49 0.69 0.00	15.16 0.64 0.00	15.85 0.59 0.00	16.83 0.58 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.80 0.41 0.00	20.30 0.36 0.00	20.03 0.37 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.27 0.48 0.00	21.25 0.46 0.00	22.05 0.50 -0.02	24.41 0.55 0.04	26.22 0.66 -0.22	28.91 0.71 0.00	29.21 0.77 0.00	28.30 0.66 0.00	24.81 0.58 0.00	22.24 0.44 0.00	20.86 0.25 0.00
BETHLEHEM___GS3 323562	19.54 0.62 0.00	17.45 0.73 0.00	16.49 0.69 0.00	15.16 0.64 0.00	15.85 0.59 0.00	16.83 0.58 0.00	20.19 0.72 0.00	21.55 0.42 0.00	21.80 0.41 0.00	20.30 0.36 0.00	20.03 0.37 0.00	20.42 0.42 0.00	20.86 0.41 0.00	21.27 0.48 0.00	21.25 0.46 0.00	22.05 0.50 -0.02	24.41 0.55 0.04	26.22 0.66 -0.22	28.91 0.71 0.00	29.21 0.77 0.00	28.30 0.66 0.00	24.81 0.58 0.00	22.24 0.44 0.00	20.86 0.25 0.00
BETHLEHEM___STEEL 23779	18.20 -0.72 0.00	16.16 -0.55 0.00	15.29 -0.51 0.00	14.09 -0.44 0.00	14.75 -0.50 0.00	15.94 -0.31 0.00	19.14 -0.33 0.00	20.89 -0.23 0.00	21.05 -0.34 0.00	19.70 -0.24 0.00	19.40 -0.26 0.00	19.72 -0.28 0.00	20.19 -0.27 0.00	20.25 -0.54 0.00	20.59 -0.21 0.00	21.15 -0.39 0.00	23.40 -0.50 0.00	24.84 -0.51 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	27.08 -0.55 0.00	23.99 -0.24 0.00	21.91 0.11 0.00	20.82 0.21 0.00
BETHLHEM_115KV_TB1 79974	19.65 0.74 0.00	17.40 0.69 0.00	16.47 0.68 0.00	15.15 0.62 0.00	15.82 0.56 0.00	16.78 0.54 0.00	20.15 0.68 0.00	21.59 0.46 0.00	21.84 0.45 0.00	20.33 0.40 0.00	20.07 0.41 0.00	20.44 0.44 0.00	20.88 0.43 0.00	21.27 0.48 0.00	21.29 0.50 0.00	22.07 0.52 -0.02	24.39 0.53 0.04	26.24 0.68 -0.22	28.93 0.73 0.00	29.18 0.74 0.00	28.30 0.66 0.00	24.72 0.48 0.00	22.24 0.44 0.00	20.90 0.29 0.00
BETHPAGE_CC_5 323564	24.86 1.91 -4.04	18.94 1.66 -0.57	17.36 1.56 0.00	15.85 1.32 0.00	16.52 1.27 0.00	17.54 1.30 0.00	21.12 1.65 0.00	22.90 1.77 0.00	23.49 2.10 0.00	21.91 1.97 0.00	26.88 1.97 -5.25	31.15 2.02 -9.13	31.69 2.06 -9.18	32.11 2.25 -9.07	33.37 2.35 -10.23	35.48 2.54 -11.40	46.28 2.94 -19.44	43.33 3.14 -14.85	41.59 3.38 -10.01	37.77 3.24 -6.08	37.71 3.01 -7.07	35.97 2.47 -9.27	25.96 2.16 -2.00	22.60 1.83 -0.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.23 -0.68 0.00	16.21 -0.50 0.00	15.32 -0.47 0.00	14.12 -0.41 0.00	14.78 -0.47 0.00	15.97 -0.28 0.00	19.19 -0.27 0.00	20.94 -0.19 0.00	21.09 -0.30 0.00	19.74 -0.20 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.32 -0.48 0.00	20.65 -0.15 0.00	21.21 -0.32 0.00	23.47 -0.43 0.00	24.89 -0.46 0.00	27.52 -0.68 0.00	27.51 -0.94 0.00	27.16 -0.47 0.00	24.06 -0.17 0.00	21.95 0.15 0.00	20.88 0.27 0.00

BINGHAMTON___COGEN 23790	19.03 0.11 0.00	16.82 0.10 0.00	15.89 0.09 0.00	14.61 0.09 0.00	15.31 0.06 0.00	16.37 0.13 0.00	19.70 0.23 0.00	21.42 0.30 0.00	21.67 0.28 0.00	20.22 0.28 0.00	19.91 0.26 0.00	20.24 0.24 0.00	20.72 0.27 0.00	21.00 0.21 0.00	21.09 0.29 0.00	21.82 0.28 0.00	24.34 0.31 -0.12	25.93 0.38 -0.21	28.97 0.39 -0.37	29.17 0.34 -0.38	28.39 0.41 -0.34	24.72 0.34 -0.14	22.17 0.37 0.00	20.97 0.35 0.00
BIXINCNT_115KV_LOAD 355685	18.10 -0.81 0.00	16.10 -0.62 0.00	15.21 -0.58 0.00	14.02 -0.51 0.00	14.67 -0.58 0.00	15.84 -0.41 0.00	19.08 -0.39 0.00	20.81 -0.32 0.00	21.01 -0.39 0.00	19.64 -0.30 0.00	19.34 -0.31 0.00	19.66 -0.34 0.00	20.04 -0.41 0.00	20.17 -0.62 0.00	20.46 -0.33 0.00	21.04 -0.50 0.00	23.31 -0.60 0.00	24.79 -0.56 0.00	27.55 -0.65 0.00	27.53 -0.91 0.00	27.27 -0.36 0.00	24.13 -0.10 0.00	22.02 0.22 0.00	20.99 0.37 0.00
BLACK RIVER___HYD 24047	19.14 0.23 0.00	16.83 0.12 0.00	15.92 0.13 0.00	14.67 0.15 0.00	15.41 0.15 0.00	16.54 0.29 0.00	19.88 0.41 0.00	21.70 0.57 0.00	21.80 0.41 0.00	20.30 0.36 0.00	19.91 0.25 0.00	20.24 0.24 0.00	20.74 0.29 0.00	21.04 0.25 0.00	21.00 0.21 0.00	21.67 0.13 0.00	24.21 0.02 -0.28	25.92 0.10 -0.47	29.40 0.34 -0.85	29.87 0.54 -0.88	29.11 0.69 -0.78	25.24 0.68 -0.33	22.28 0.48 0.00	21.03 0.41 0.00
BLACKRVR_115KV_TB2 79977	19.12 0.21 0.00	16.85 0.13 0.00	15.92 0.13 0.00	14.67 0.15 0.00	15.41 0.15 0.00	16.57 0.32 0.00	19.88 0.41 0.00	21.70 0.57 0.00	21.78 0.39 0.00	20.30 0.36 0.00	19.91 0.26 0.00	20.24 0.24 0.00	20.74 0.29 0.00	21.06 0.27 0.00	21.00 0.21 0.00	21.67 0.13 0.00	24.24 0.05 -0.28	25.92 0.10 -0.47	29.39 0.34 -0.85	30.04 0.71 -0.88	29.13 0.72 -0.78	25.22 0.65 -0.33	22.28 0.48 0.00	21.03 0.41 0.00
BLISS_WT_PWR 323608	18.18 -0.74 0.00	16.05 -0.67 0.00	15.14 -0.65 0.00	13.94 -0.58 0.00	14.63 -0.63 0.00	15.84 -0.41 0.00	19.00 -0.47 0.00	20.73 -0.40 0.00	20.96 -0.43 0.00	19.56 -0.38 0.00	19.30 -0.35 0.00	19.58 -0.42 0.00	19.96 -0.49 0.00	20.40 -0.40 0.00	20.38 -0.42 0.00	20.89 -0.65 0.00	23.23 -0.67 0.00	24.58 -0.76 0.00	27.41 -0.79 0.00	27.36 -1.08 0.00	26.94 -0.69 0.00	24.14 -0.10 0.00	22.00 0.20 0.00	20.97 0.35 0.00
BLUESTONE___WT_PWR 323821	19.88 0.96 0.00	17.50 0.79 0.00	16.49 0.69 0.00	15.19 0.67 0.00	15.92 0.67 0.00	17.15 0.91 0.00	20.63 1.17 0.00	22.56 1.44 0.00	22.70 1.30 0.00	21.17 1.24 0.00	20.76 1.10 0.00	21.06 1.06 0.00	21.62 1.17 0.00	22.00 1.21 0.00	22.02 1.23 0.00	22.76 1.23 0.00	25.44 1.43 -0.11	27.07 1.55 -0.18	30.30 1.78 -0.32	30.62 1.85 -0.33	29.86 1.93 -0.29	26.10 1.75 -0.12	23.22 1.42 0.00	21.85 1.24 0.00
BLUE_CIRC_CHEM_DRP 24182	19.69 0.78 0.00	17.42 0.70 0.00	16.47 0.68 0.00	15.15 0.62 0.00	15.85 0.59 0.00	16.83 0.58 0.00	20.21 0.74 0.00	21.72 0.59 0.00	21.92 0.53 0.00	20.37 0.44 0.00	20.09 0.43 0.00	20.44 0.44 0.00	20.88 0.43 0.00	21.25 0.46 0.00	21.27 0.48 0.00	22.05 0.50 -0.02	24.44 0.57 0.04	26.25 0.71 -0.19	29.02 0.82 0.00	29.30 0.85 0.00	28.44 0.80 0.00	24.89 0.65 0.00	22.37 0.57 0.00	21.05 0.43 0.00
BOC_GAS_DRP 24189	19.52 0.61 0.00	17.25 0.53 0.00	16.35 0.55 0.00	15.02 0.49 0.00	15.71 0.46 0.00	16.68 0.44 0.00	20.01 0.55 0.00	21.61 0.49 0.00	21.90 0.51 0.00	20.39 0.46 0.00	20.13 0.47 0.00	20.50 0.50 0.00	20.96 0.51 0.00	21.34 0.54 0.00	21.36 0.56 0.00	22.16 0.60 -0.02	24.51 0.65 0.04	26.34 0.79 -0.21	29.02 0.82 0.00	29.27 0.82 0.00	28.38 0.75 0.00	24.76 0.53 0.00	22.26 0.46 0.00	20.97 0.35 0.00
BOONVILLE_115KV_TB1 79983	19.33 0.42 0.00	17.05 0.33 0.00	16.11 0.32 0.00	14.83 0.31 0.00	15.57 0.32 0.00	16.68 0.44 0.00	20.01 0.55 0.00	21.80 0.68 0.00	21.99 0.60 0.00	20.49 0.56 0.00	20.15 0.49 0.00	20.46 0.46 0.00	20.96 0.51 0.00	21.31 0.52 0.00	21.31 0.52 0.00	22.03 0.50 0.00	24.53 0.55 -0.07	26.08 0.61 -0.12	29.19 0.76 -0.22	29.61 0.94 -0.23	28.75 0.91 -0.20	25.12 0.80 -0.09	22.43 0.63 0.00	21.15 0.54 0.00
BORALEX_4TH_BRANCH 23824	20.09 1.17 0.00	17.77 1.05 0.00	16.82 1.03 0.00	15.50 0.97 0.00	16.18 0.93 0.00	17.14 0.89 0.00	20.60 1.13 0.00	22.31 1.18 0.00	22.55 1.16 0.00	20.93 1.00 0.00	20.70 1.04 0.00	21.12 1.12 0.00	21.54 1.08 0.00	21.96 1.16 0.00	21.98 1.19 0.00	22.83 1.27 -0.02	25.26 1.41 0.05	27.29 1.70 -0.25	30.01 1.80 0.00	30.38 1.93 0.00	29.40 1.77 0.00	25.73 1.50 0.00	23.02 1.22 0.00	21.58 0.97 0.00
BOWLINE___1 23526	20.09 1.17 0.00	17.72 1.00 0.00	16.79 1.00 0.00	15.41 0.89 0.00	16.08 0.82 0.00	17.04 0.80 0.00	20.46 0.99 0.00	22.31 1.18 0.00	22.80 1.41 0.00	21.27 1.34 0.00	20.99 1.34 0.00	21.40 1.40 0.00	21.90 1.45 0.00	22.40 1.60 0.00	22.48 1.68 0.00	24.12 1.87 -0.71	26.91 2.20 -0.81	35.96 2.36 -8.25	30.71 2.51 0.00	30.83 2.39 0.00	29.85 2.21 0.00	25.98 1.75 0.00	23.15 1.35 0.00	21.71 1.09 0.00
BOWLINE___2 23595	20.09 1.17 0.00	17.72 1.00 0.00	16.79 1.00 0.00	15.41 0.89 0.00	16.08 0.82 0.00	17.04 0.80 0.00	20.46 0.99 0.00	22.31 1.18 0.00	22.80 1.41 0.00	21.27 1.34 0.00	20.99 1.34 0.00	21.40 1.40 0.00	21.90 1.45 0.00	22.40 1.60 0.00	22.50 1.71 0.00	24.13 1.87 -0.72	26.92 2.20 -0.82	36.01 2.36 -8.31	30.71 2.51 0.00	30.83 2.39 0.00	29.85 2.21 0.00	25.98 1.75 0.00	23.15 1.35 0.00	21.71 1.09 0.00
BRADY___115KV_TB2 356060	18.38 -0.53 0.01	16.38 -0.33 0.00	15.56 -0.24 0.00	14.34 -0.19 0.00	15.15 -0.11 0.00	16.20 -0.05 0.00	19.08 -0.39 0.00	20.75 -0.38 0.00	20.94 -0.45 0.00	19.44 -0.50 0.00	19.17 -0.49 0.00	19.48 -0.52 0.00	19.94 -0.51 0.00	20.27 -0.52 0.00	20.21 -0.58 0.00	20.83 -0.71 0.00	23.11 -0.79 0.00	24.41 -0.94 0.00	27.38 -0.82 0.00	27.82 -0.63 0.00	27.08 -0.55 0.00	23.97 -0.27 0.00	21.50 -0.31 0.00	20.27 -0.35 0.00
BRANSCOMB___SOLAR 323811	20.03 1.12 0.00	17.73 1.02 0.00	16.74 0.95 0.00	15.40 0.87 0.00	16.12 0.87 0.00	17.14 0.89 0.00	20.60 1.13 0.00	22.25 1.12 0.00	22.50 1.11 0.00	20.93 1.00 0.00	20.68 1.02 0.00	21.06 1.06 0.00	21.49 1.04 0.00	21.90 1.10 0.00	21.90 1.10 0.00	22.76 1.21 -0.02	25.25 1.39 0.04	27.10 1.55 -0.21	30.01 1.81 0.00	30.24 1.79 0.00	29.40 1.77 0.00	25.78 1.55 0.00	23.06 1.26 0.00	21.65 1.03 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.13 2.18 -4.04	19.18 1.89 -0.57	17.61 1.82 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.72 1.48 0.00	21.39 1.93 0.00	23.09 1.96 0.00	23.85 2.46 0.00	22.21 2.27 0.00	27.15 2.24 -5.25	31.51 2.38 -9.13	32.08 2.45 -9.18	32.40 2.54 -9.07	33.73 2.70 -10.23	35.87 2.93 -11.40	46.67 3.32 -19.44	43.66 3.47 -14.85	42.02 3.81 -10.01	38.11 3.58 -6.08	38.21 3.51 -7.07	36.29 2.79 -9.27	26.33 2.53 -2.00	22.95 2.19 -0.15



BRISTLHL_115KV_TB1 79998	18.69 -0.23 0.00	16.50 -0.22 0.00	15.59 -0.21 0.00	14.34 -0.19 0.00	15.04 -0.21 0.00	16.07 -0.18 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.15 -0.24 0.00	19.76 -0.18 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.57 -0.23 0.00	20.52 -0.27 0.00	21.21 -0.32 0.00	24.15 -0.38 -0.63	26.04 -0.35 -1.05	29.71 -0.39 -1.90	30.01 -0.40 -1.96	29.04 -0.33 -1.74	24.66 -0.32 -0.74	21.58 -0.22 0.00	20.51 -0.10 0.00
BROOKHAVEN___DRP 24191	25.17 2.21 -4.04	19.26 1.97 -0.57	17.69 1.90 0.00	16.05 1.53 0.00	16.73 1.48 0.00	17.74 1.49 0.00	21.43 1.97 0.00	23.03 1.90 0.00	23.81 2.42 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.41 2.28 -9.13	31.98 2.35 -9.18	32.32 2.45 -9.07	33.64 2.62 -10.23	35.76 2.82 -11.40	46.50 3.16 -19.44	43.66 3.47 -14.85	42.05 3.84 -10.01	38.14 3.61 -6.08	38.02 3.32 -7.07	36.19 2.69 -9.27	26.27 2.46 -2.00	22.88 2.12 -0.15
BROOKLYN_NAVY_YARD 23515	20.33 1.42 0.00	17.88 1.17 0.00	16.96 1.17 0.00	15.56 1.03 0.00	16.23 0.98 0.00	17.17 0.93 0.00	20.67 1.21 0.00	22.58 1.46 0.00	23.12 1.73 0.00	21.59 1.65 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.23 1.78 0.00	22.75 1.95 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.51 2.70 -0.91	32.00 2.89 -3.77	31.30 3.10 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.27 2.04 0.00	23.44 1.64 0.00	21.92 1.30 0.00
BROOKLYN___ARMY_DRP 323595	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
BROOKVLE_69_KV_TB1 55790	24.71 1.76 -4.04	18.76 1.47 -0.57	17.23 1.44 0.00	15.76 1.23 0.00	16.44 1.19 0.00	17.40 1.15 0.00	20.98 1.52 0.00	22.78 1.65 0.00	23.44 2.05 0.00	21.87 1.93 0.00	26.88 1.97 -5.25	31.19 2.06 -9.13	31.75 2.13 -9.18	32.11 2.25 -9.07	33.43 2.41 -10.23	35.57 2.63 -11.40	46.28 2.94 -19.44	43.44 3.24 -14.85	41.62 3.41 -10.01	37.82 3.30 -6.08	37.74 3.04 -7.07	35.83 2.33 -9.27	25.83 2.03 -2.00	22.47 1.71 -0.15
BROOME_2_LFGE 323671	19.07 0.15 0.00	16.83 0.12 0.00	15.89 0.10 0.00	14.61 0.09 0.00	15.31 0.06 0.00	16.41 0.16 0.00	19.70 0.23 0.00	21.42 0.30 0.00	21.67 0.28 0.00	20.22 0.28 0.00	19.91 0.25 0.00	20.24 0.24 0.00	20.72 0.27 0.00	21.09 0.29 0.00	21.09 0.29 0.00	21.80 0.26 0.00	24.36 0.33 -0.12	25.90 0.35 -0.21	28.94 0.37 -0.37	29.11 0.28 -0.38	28.33 0.36 -0.34	24.79 0.41 -0.14	22.17 0.37 0.00	20.97 0.35 0.00
BROOME___LFGE 323600	19.07 0.15 0.00	16.83 0.12 0.00	15.89 0.10 0.00	14.61 0.09 0.00	15.31 0.06 0.00	16.41 0.16 0.00	19.70 0.23 0.00	21.42 0.30 0.00	21.67 0.28 0.00	20.22 0.28 0.00	19.91 0.25 0.00	20.24 0.24 0.00	20.72 0.27 0.00	21.09 0.29 0.00	21.09 0.29 0.00	21.80 0.26 0.00	24.36 0.33 -0.12	25.90 0.35 -0.21	28.94 0.37 -0.37	29.11 0.28 -0.38	28.33 0.36 -0.34	24.79 0.41 -0.14	22.17 0.37 0.00	20.97 0.35 0.00
BROWNFLS_115KV_TB_3_5 80003	18.67 -0.25 0.00	16.56 -0.15 0.00	15.70 -0.09 0.00	14.47 -0.06 0.00	15.24 -0.02 0.00	16.33 0.08 0.00	19.39 -0.08 0.00	21.13 0.00 0.00	21.28 -0.11 0.00	19.80 -0.14 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.59 -0.21 0.00	20.50 -0.29 0.00	21.11 -0.43 0.00	23.47 -0.55 -0.11	24.95 -0.58 -0.19	28.09 -0.45 -0.34	28.57 -0.23 -0.35	27.75 -0.19 -0.31	24.41 0.05 -0.13	21.80 0.00 0.00	20.55 -0.06 0.00
BROWNSV1_27_KV_LOAD 356125	20.52 1.61 0.00	18.00 1.29 0.00	17.12 1.33 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.27 1.02 0.00	20.85 1.38 0.00	22.80 1.67 0.00	23.34 1.95 0.00	21.77 1.83 0.00	21.49 1.83 0.00	21.92 1.92 0.00	22.46 2.00 0.00	22.89 2.10 0.00	23.08 2.29 0.00	24.40 2.54 -0.33	27.66 2.84 -0.91	32.26 3.14 -3.77	31.56 3.36 0.00	31.57 3.13 0.00	30.51 2.87 0.00	26.34 2.11 0.00	23.65 1.85 0.00	22.12 1.50 0.00
BURROWS___LYONSDAL 23803	19.27 0.36 0.00	17.02 0.30 0.00	16.08 0.28 0.00	14.80 0.28 0.00	15.54 0.29 0.00	16.65 0.41 0.00	19.97 0.51 0.00	21.76 0.63 0.00	21.92 0.53 0.00	20.43 0.50 0.00	20.07 0.41 0.00	20.40 0.40 0.00	20.90 0.45 0.00	21.25 0.46 0.00	21.23 0.44 0.00	21.95 0.41 0.00	24.43 0.43 -0.09	26.00 0.51 -0.15	29.13 0.65 -0.28	29.58 0.85 -0.29	28.72 0.83 -0.25	25.09 0.75 -0.11	22.39 0.59 0.00	21.11 0.49 0.00
CAITHNESS_CC_1 323624	25.13 2.17 -4.04	19.26 1.97 -0.57	17.66 1.86 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	23.07 1.94 0.00	23.79 2.40 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.39 2.26 -9.13	31.96 2.33 -9.18	32.36 2.49 -9.07	33.62 2.60 -10.23	35.76 2.82 -11.40	46.59 3.25 -19.44	43.66 3.47 -14.85	42.02 3.81 -10.01	38.17 3.64 -6.08	38.04 3.34 -7.07	36.33 2.83 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
CALPINE BETH_PAGE_GT4 24209	24.86 1.91 -4.04	18.89 1.60 -0.57	17.34 1.55 0.00	15.83 1.31 0.00	16.50 1.25 0.00	17.48 1.23 0.00	21.10 1.64 0.00	22.80 1.67 0.00	23.51 2.12 0.00	21.93 1.99 0.00	26.92 2.01 -5.25	31.15 2.02 -9.13	31.71 2.09 -9.18	32.05 2.18 -9.07	33.37 2.35 -10.23	35.44 2.50 -11.40	46.14 2.80 -19.44	43.28 3.09 -14.85	41.54 3.33 -10.01	37.65 3.13 -6.08	37.60 2.90 -7.07	35.73 2.23 -9.27	25.96 2.16 -2.00	22.62 1.86 -0.15
CALPINE_BETH_PAGE_GT_4 323586	24.86 1.91 -4.04	18.93 1.64 -0.57	17.34 1.55 0.00	15.83 1.31 0.00	16.50 1.25 0.00	17.53 1.28 0.00	21.10 1.64 0.00	22.90 1.77 0.00	23.51 2.12 0.00	21.93 1.99 0.00	26.92 2.01 -5.25	31.17 2.04 -9.13	31.71 2.09 -9.18	32.13 2.27 -9.07	33.39 2.37 -10.23	35.46 2.52 -11.40	46.26 2.92 -19.44	43.31 3.12 -14.85	41.57 3.35 -10.01	37.74 3.21 -6.08	37.68 2.99 -7.07	36.00 2.50 -9.27	25.96 2.16 -2.00	22.62 1.86 -0.15
CALPINE_BP_GT1 23823	24.86 1.91 -4.04	18.93 1.64 -0.57	17.34 1.55 0.00	15.83 1.31 0.00	16.50 1.25 0.00	17.53 1.28 0.00	21.10 1.64 0.00	22.90 1.77 0.00	23.51 2.12 0.00	21.93 1.99 0.00	26.92 2.01 -5.25	31.17 2.04 -9.13	31.71 2.09 -9.18	32.13 2.27 -9.07	33.39 2.37 -10.23	35.46 2.52 -11.40	46.26 2.92 -19.44	43.31 3.12 -14.85	41.57 3.35 -10.01	37.74 3.21 -6.08	37.68 2.99 -7.07	36.00 2.50 -9.27	25.96 2.16 -2.00	22.62 1.86 -0.15
CALSPAN___DRP 24200	18.20 -0.72 0.00	16.16 -0.55 0.00	15.29 -0.51 0.00	14.09 -0.44 0.00	14.75 -0.50 0.00	15.94 -0.31 0.00	19.14 -0.33 0.00	20.89 -0.23 0.00	21.05 -0.34 0.00	19.70 -0.24 0.00	19.40 -0.26 0.00	19.72 -0.28 0.00	20.19 -0.27 0.00	20.25 -0.54 0.00	20.59 -0.21 0.00	21.15 -0.39 0.00	23.40 -0.50 0.00	24.84 -0.51 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	27.08 -0.55 0.00	23.99 -0.24 0.00	21.91 0.11 0.00	20.82 0.21 0.00

CALVERTON___SOLAR 323806	25.20 2.25 -4.04	19.34 2.06 -0.57	17.75 1.96 0.00	16.10 1.57 0.00	16.78 1.53 0.00	17.82 1.58 0.00	21.47 2.01 0.00	23.11 1.99 0.00	23.83 2.44 0.00	22.13 2.19 0.00	27.07 2.16 -5.25	31.45 2.32 -9.13	32.00 2.37 -9.18	32.42 2.56 -9.07	33.68 2.66 -10.23	35.84 2.91 -11.40	46.67 3.32 -19.44	43.79 3.60 -14.85	42.13 3.92 -10.01	38.31 3.78 -6.08	38.15 3.45 -7.07	36.46 2.96 -9.27	26.33 2.53 -2.00	22.92 2.16 -0.15
CANDIGU_WT_PWR 323617	18.50 -0.42 0.00	16.33 -0.38 0.00	15.41 -0.38 0.00	14.19 -0.33 0.00	14.87 -0.38 0.00	16.07 -0.18 0.00	19.29 -0.18 0.00	21.04 -0.08 0.00	21.24 -0.15 0.00	19.82 -0.12 0.00	19.50 -0.16 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.65 -0.14 0.00	20.65 -0.14 0.00	21.24 -0.30 0.00	23.62 -0.29 0.00	25.01 -0.33 0.00	27.83 -0.37 0.00	27.90 -0.54 0.00	27.33 -0.30 0.00	24.30 0.07 0.00	22.06 0.26 0.00	20.90 0.29 0.00
CARR STREET_E_SYR 24060	18.78 -0.13 0.00	16.58 -0.13 0.00	15.65 -0.14 0.00	14.39 -0.13 0.00	15.10 -0.15 0.00	16.16 -0.08 0.00	19.39 -0.08 0.00	21.06 -0.06 0.00	21.28 -0.11 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.37 -0.08 0.00	20.67 -0.12 0.00	20.65 -0.14 0.00	21.34 -0.19 0.00	23.86 -0.22 -0.17	25.41 -0.23 -0.29	28.47 -0.25 -0.52	28.67 -0.31 -0.54	27.86 -0.25 -0.48	24.29 -0.14 -0.20	21.69 -0.11 0.00	20.62 0.00 0.00
CARTHAGE___PAPER 23857	19.06 0.15 0.00	16.78 0.07 0.00	15.89 0.10 0.00	14.64 0.12 0.00	15.39 0.14 0.00	16.49 0.24 0.00	19.80 0.33 0.00	21.59 0.46 0.00	21.71 0.32 0.00	20.19 0.26 0.00	19.83 0.18 0.00	20.14 0.14 0.00	20.61 0.16 0.00	20.96 0.17 0.00	20.90 0.10 0.00	21.58 0.04 0.00	24.09 -0.05 -0.24	25.77 0.03 -0.40	29.17 0.25 -0.72	29.67 0.48 -0.74	28.87 0.58 -0.66	25.09 0.58 -0.28	22.21 0.41 0.00	20.94 0.33 0.00
CASSADAGA_WT_PWR 323784	18.48 -0.43 0.00	16.35 -0.37 0.00	15.43 -0.36 0.00	14.22 -0.31 0.00	14.87 -0.38 0.00	16.18 -0.06 0.00	19.43 -0.04 0.00	21.34 0.21 0.00	21.52 0.13 0.00	20.04 0.10 0.00	19.80 0.14 0.00	20.08 0.08 0.00	20.53 0.08 0.00	21.02 0.23 0.00	21.00 0.21 0.00	21.47 -0.06 0.00	23.88 -0.02 0.00	25.19 -0.15 0.00	28.01 -0.20 0.00	28.02 -0.43 0.00	27.50 -0.14 0.00	24.60 0.36 0.00	22.45 0.65 0.00	21.28 0.66 0.00
CE_DUNWOOD___DRP 24194	20.24 1.32 0.00	17.80 1.09 0.00	16.91 1.12 0.00	15.53 1.00 0.00	16.20 0.95 0.00	17.12 0.88 0.00	20.61 1.15 0.00	22.48 1.35 0.00	22.99 1.60 0.00	21.43 1.50 0.00	21.15 1.49 0.00	21.58 1.58 0.00	22.09 1.64 0.00	22.52 1.73 0.00	22.69 1.89 0.00	23.95 2.07 -0.34	27.08 2.32 -0.86	31.89 2.59 -3.96	30.94 2.74 0.00	31.03 2.59 0.00	30.01 2.38 0.00	25.98 1.74 0.00	23.30 1.50 0.00	21.85 1.24 0.00
CE_MILLWOOD___DRP 24193	20.18 1.27 0.00	17.77 1.05 0.00	16.87 1.07 0.00	15.48 0.96 0.00	16.15 0.90 0.00	17.07 0.83 0.00	20.56 1.09 0.00	22.42 1.29 0.00	22.91 1.52 0.00	21.37 1.44 0.00	21.09 1.43 0.00	21.50 1.50 0.00	22.01 1.55 0.00	22.44 1.64 0.00	22.60 1.81 0.00	23.85 1.98 -0.33	26.92 2.22 -0.79	31.64 2.48 -3.81	30.82 2.62 0.00	30.92 2.47 0.00	29.90 2.27 0.00	25.93 1.70 0.00	23.26 1.46 0.00	21.79 1.18 0.00
CE_NYC2_DRP 24202	20.46 1.53 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.37 1.71 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.96 2.16 0.00	24.25 2.39 -0.33	28.95 2.70 -2.34	32.46 2.99 -4.12	31.36 3.16 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.15 1.91 0.00	23.48 1.68 0.00	21.96 1.34 0.00
CE_NYC_DRP 24195	20.16 1.48 0.23	17.86 1.19 0.04	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.47 1.27 0.26	22.31 1.50 0.32	22.82 1.80 0.36	21.39 1.69 0.24	21.19 1.69 0.16	21.58 1.78 0.20	22.06 1.84 0.24	22.47 1.95 0.28	22.85 2.12 0.06	24.06 2.37 -0.16	27.03 2.65 -0.48	31.02 2.91 -2.76	30.60 3.10 0.70	30.38 2.90 0.96	29.38 2.63 0.88	25.61 1.94 0.56	23.15 1.68 0.33	21.67 1.36 0.30
CHAFFEE___LFGE 323603	18.39 -0.53 0.00	16.20 -0.52 0.00	15.29 -0.51 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	16.00 -0.24 0.00	19.17 -0.29 0.00	20.94 -0.19 0.00	21.13 -0.26 0.00	19.72 -0.22 0.00	19.48 -0.18 0.00	19.76 -0.24 0.00	20.23 -0.22 0.00	20.67 -0.12 0.00	20.65 -0.14 0.00	21.15 -0.39 0.00	23.47 -0.43 0.00	24.74 -0.61 0.00	27.41 -0.79 0.00	27.39 -1.05 0.00	26.83 -0.80 0.00	24.04 -0.19 0.00	21.93 0.13 0.00	20.84 0.23 0.00
CHATEAUG_35_KV_LOAD 355732	18.13 -0.78 0.01	16.08 -0.64 0.00	15.16 -0.63 0.00	13.96 -0.57 0.00	14.79 -0.46 0.00	15.82 -0.42 0.00	18.88 -0.58 0.00	20.56 -0.57 0.00	20.64 -0.75 0.00	19.06 -0.88 0.00	18.81 -0.85 0.00	19.06 -0.94 0.00	19.47 -0.98 0.00	19.84 -0.96 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.78 -1.12 0.00	24.20 -1.14 0.00	27.55 -0.65 0.00	28.08 -0.37 0.00	27.41 -0.22 0.00	24.18 -0.05 0.00	21.65 -0.15 0.00	20.43 -0.19 0.00
CHATEAUG_WT_PWR 323614	18.09 -0.81 0.01	15.95 -0.77 0.00	15.07 -0.73 0.00	13.87 -0.65 0.00	14.75 -0.50 0.00	15.71 -0.54 0.00	18.82 -0.64 0.00	20.56 -0.57 0.00	20.47 -0.92 0.00	18.78 -1.16 0.00	18.56 -1.10 0.00	18.70 -1.30 0.00	19.08 -1.37 0.00	19.44 -1.35 0.00	19.49 -1.31 0.00	20.22 -1.31 0.00	22.33 -1.58 0.00	23.87 -1.47 0.00	27.69 -0.51 0.00	28.42 -0.03 0.00	27.74 0.11 0.00	24.42 0.19 0.00	21.93 0.13 0.00	20.70 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	18.13 -0.78 0.01	16.08 -0.64 0.00	15.16 -0.63 0.00	13.96 -0.57 0.00	14.79 -0.46 0.00	15.82 -0.42 0.00	18.88 -0.58 0.00	20.56 -0.57 0.00	20.64 -0.75 0.00	19.06 -0.88 0.00	18.81 -0.85 0.00	19.06 -0.94 0.00	19.47 -0.98 0.00	19.84 -0.96 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.78 -1.12 0.00	24.20 -1.14 0.00	27.55 -0.65 0.00	28.08 -0.37 0.00	27.41 -0.22 0.00	24.18 -0.05 0.00	21.65 -0.15 0.00	20.43 -0.19 0.00
CHAUTAUQUA___LFGE 323629	18.50 -0.42 0.00	16.33 -0.38 0.00	15.41 -0.38 0.00	14.21 -0.32 0.00	14.87 -0.38 0.00	16.13 -0.11 0.00	19.35 -0.12 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.94 0.00 0.00	19.68 0.02 0.00	19.98 -0.02 0.00	20.43 -0.02 0.00	20.88 0.08 0.00	20.86 0.06 0.00	21.36 -0.17 0.00	23.74 -0.17 0.00	25.04 -0.30 0.00	27.78 -0.42 0.00	27.76 -0.68 0.00	27.22 -0.41 0.00	24.38 0.15 0.00	22.24 0.44 0.00	21.11 0.49 0.00
CHERRYST_13_KV_LD 356241	20.21 1.53 0.23	17.90 1.22 0.04	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.22 0.97 0.00	20.53 1.32 0.26	22.39 1.58 0.32	22.89 1.86 0.36	21.47 1.77 0.24	21.27 1.77 0.16	21.66 1.86 0.20	22.14 1.92 0.24	22.55 2.04 0.28	22.93 2.20 0.06	24.15 2.46 -0.16	27.13 2.75 -0.48	31.12 3.02 -2.76	30.72 3.21 0.70	30.47 2.99 0.96	29.47 2.71 0.88	25.66 1.99 0.56	23.21 1.74 0.33	21.74 1.42 0.30

CHESTROR_138KV_BK263 355645	19.92 1.00 0.00	17.53 0.82 0.00	16.65 0.85 0.00	15.28 0.76 0.00	15.94 0.69 0.00	16.89 0.65 0.00	20.30 0.84 0.00	22.10 0.97 0.00	22.59 1.20 0.00	21.03 1.10 0.00	20.76 1.10 0.00	21.16 1.16 0.00	21.66 1.21 0.00	22.06 1.27 0.00	22.21 1.41 0.00	23.02 1.55 0.07	25.91 1.74 -0.27	26.47 1.98 0.85	30.26 2.06 0.00	30.44 1.99 0.00	29.46 1.82 0.00	25.59 1.36 0.00	22.93 1.13 0.00	21.54 0.93 0.00
CH_MIDHUDSON___DRP 24192	20.09 1.17 0.00	17.70 0.99 0.00	16.79 0.99 0.00	15.41 0.89 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.46 0.99 0.00	22.27 1.14 0.00	22.76 1.37 0.00	21.19 1.26 0.00	20.92 1.26 0.00	21.30 1.30 0.00	21.80 1.35 0.00	22.23 1.43 0.00	22.37 1.58 0.00	23.26 1.70 -0.02	25.78 1.94 0.06	27.77 2.18 -0.24	30.51 2.31 0.00	30.69 2.25 0.00	29.71 2.07 0.00	25.78 1.55 0.00	23.11 1.31 0.00	21.69 1.07 0.00
CH_MISC_IPPS 23765	20.16 1.25 0.00	17.79 1.07 0.00	16.85 1.06 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.12 0.88 0.00	20.54 1.07 0.00	22.33 1.20 0.00	22.85 1.46 0.00	21.27 1.34 0.00	20.97 1.32 0.00	21.38 1.38 0.00	21.88 1.43 0.00	22.37 1.58 0.00	22.48 1.68 0.00	23.39 1.85 0.00	26.07 2.20 0.04	27.70 2.36 0.00	30.74 2.54 0.00	30.92 2.47 0.00	29.98 2.35 0.00	26.10 1.87 0.00	23.24 1.44 0.00	21.79 1.17 0.00
CH_RES_BVR_FALLS 23983	18.30 -0.61 0.01	16.20 -0.52 0.00	15.35 -0.44 0.00	14.13 -0.39 0.00	14.92 -0.34 0.00	15.87 -0.37 0.00	19.02 -0.45 0.00	20.66 -0.46 0.00	20.90 -0.49 0.00	19.46 -0.48 0.00	19.15 -0.51 0.00	19.44 -0.56 0.00	19.86 -0.59 0.00	20.17 -0.62 0.00	20.17 -0.62 0.00	20.89 -0.65 0.00	23.21 -0.69 0.00	24.66 -0.68 0.00	27.55 -0.65 0.00	27.90 -0.54 0.00	27.11 -0.53 0.00	23.80 -0.44 0.00	21.45 -0.35 0.00	20.28 -0.33 0.00
CH_RES_NIAGARA 23895	17.55 -1.36 0.00	15.61 -1.10 0.00	14.75 -1.04 0.00	13.61 -0.92 0.00	14.25 -1.01 0.00	15.42 -0.83 0.00	18.45 -1.01 0.00	20.09 -1.04 0.00	20.26 -1.13 0.00	18.96 -0.98 0.00	18.65 -1.00 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.42 -1.37 0.00	19.78 -1.02 0.00	20.35 -1.18 0.00	22.49 -1.41 0.00	23.85 -1.50 0.00	26.28 -1.92 0.00	26.28 -2.16 0.00	25.95 -1.69 0.00	23.02 -1.21 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
CH_RES_SYRACUSE 23985	18.90 -0.02 0.00	16.67 -0.05 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.24 0.00 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.70 0.04 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.75 -0.04 0.00	20.75 -0.04 0.00	21.43 -0.11 0.00	24.15 -0.10 -0.34	25.80 -0.10 -0.56	29.10 -0.11 -1.01	29.32 -0.17 -1.05	28.48 -0.08 -0.93	24.60 -0.02 -0.39	21.82 0.02 0.00	20.72 0.10 0.00
CLINTON_WT_PWR 323605	18.09 -0.81 0.01	15.95 -0.77 0.00	15.07 -0.73 0.00	13.87 -0.65 0.00	14.75 -0.50 0.00	15.71 -0.54 0.00	18.82 -0.64 0.00	20.56 -0.57 0.00	20.47 -0.92 0.00	18.78 -1.16 0.00	18.56 -1.10 0.00	18.70 -1.30 0.00	19.08 -1.37 0.00	19.44 -1.35 0.00	19.49 -1.31 0.00	20.22 -1.31 0.00	22.33 -1.58 0.00	23.87 -1.47 0.00	27.69 -0.51 0.00	28.42 -0.03 0.00	27.74 0.11 0.00	24.42 0.19 0.00	21.93 0.13 0.00	20.70 0.08 0.00
CLINTON___LFGE 323618	18.24 -0.66 0.01	16.13 -0.59 0.00	15.24 -0.55 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.87 -0.37 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.73 -0.66 0.00	19.08 -0.86 0.00	18.85 -0.81 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.80 -1.00 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.73 -1.17 0.00	24.28 -1.06 0.00	28.01 -0.20 0.00	28.65 0.20 0.00	27.91 0.28 0.00	24.55 0.31 0.00	22.02 0.22 0.00	20.78 0.16 0.00
COBBLENY_34_KV_TB1 80064	18.22 -0.70 0.00	16.18 -0.53 0.00	15.30 -0.49 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	15.95 -0.29 0.00	19.17 -0.29 0.00	20.94 -0.19 0.00	21.09 -0.30 0.00	19.72 -0.22 0.00	19.44 -0.22 0.00	19.76 -0.24 0.00	20.23 -0.22 0.00	20.32 -0.48 0.00	20.65 -0.15 0.00	21.21 -0.32 0.00	23.47 -0.43 0.00	24.89 -0.46 0.00	27.50 -0.71 0.00	27.51 -0.94 0.00	27.14 -0.50 0.00	24.06 -0.17 0.00	21.93 0.13 0.00	20.84 0.23 0.00
COFFEEN___115KV_TB3 355620	19.24 0.32 0.00	16.95 0.23 0.00	16.00 0.21 0.00	14.76 0.23 0.00	15.50 0.24 0.00	16.67 0.42 0.00	20.01 0.55 0.00	21.85 0.72 0.00	21.90 0.51 0.00	20.41 0.48 0.00	20.01 0.35 0.00	20.32 0.32 0.00	20.82 0.37 0.00	21.17 0.37 0.00	21.09 0.29 0.00	21.77 0.24 0.00	24.36 0.17 -0.29	26.08 0.25 -0.49	29.59 0.51 -0.88	30.29 0.94 -0.91	29.41 0.97 -0.80	25.45 0.87 -0.34	22.45 0.65 0.00	21.17 0.56 0.00
COLDSPRG_115KV_BK1 355956	18.56 -0.36 0.00	16.50 -0.22 0.00	15.60 -0.19 0.00	14.38 -0.15 0.00	15.05 -0.20 0.00	16.31 0.06 0.00	19.66 0.19 0.00	21.59 0.46 0.00	21.73 0.34 0.00	20.30 0.36 0.00	20.01 0.35 0.00	20.34 0.34 0.00	20.80 0.35 0.00	20.94 0.15 0.00	21.25 0.46 0.00	21.80 0.26 0.00	24.12 0.22 0.00	25.57 0.23 0.00	28.34 0.14 0.00	28.36 -0.09 0.00	28.02 0.39 0.00	24.79 0.56 0.00	22.61 0.81 0.00	21.44 0.82 0.00
COLONIE_LFGE___ 323577	19.82 0.91 0.00	17.58 0.87 0.00	16.63 0.84 0.00	15.30 0.77 0.00	16.00 0.75 0.00	16.99 0.75 0.00	20.38 0.92 0.00	22.04 0.91 0.00	22.29 0.90 0.00	20.73 0.80 0.00	20.46 0.81 0.00	20.86 0.86 0.00	21.29 0.84 0.00	21.73 0.94 0.00	21.71 0.91 0.00	22.57 1.01 -0.02	25.01 1.15 0.04	26.88 1.32 -0.22	29.64 1.44 0.00	29.98 1.53 0.00	29.07 1.44 0.00	25.49 1.26 0.00	22.76 0.96 0.00	21.36 0.74 0.00
COOPERNY_115KV_TB1 80082	19.63 0.72 0.00	17.30 0.59 0.00	16.39 0.60 0.00	15.06 0.54 0.00	15.74 0.49 0.00	16.72 0.47 0.00	20.09 0.62 0.00	21.87 0.74 0.00	22.27 0.88 0.00	20.77 0.84 0.00	20.48 0.83 0.00	20.86 0.86 0.00	21.35 0.90 0.00	21.75 0.96 0.00	21.83 1.04 0.00	22.64 1.14 0.04	25.29 1.29 -0.10	26.33 1.47 0.48	29.72 1.52 0.00	29.90 1.45 0.00	28.99 1.35 0.00	25.23 0.99 0.00	22.65 0.85 0.00	21.30 0.68 0.00
COPENHAGEN_WT_PWR 323753	19.08 0.17 0.00	16.80 0.08 0.00	15.89 0.10 0.00	14.64 0.12 0.00	15.37 0.12 0.00	16.50 0.26 0.00	19.82 0.35 0.00	21.61 0.49 0.00	21.73 0.34 0.00	20.24 0.30 0.00	19.87 0.22 0.00	20.18 0.18 0.00	20.68 0.23 0.00	21.00 0.21 0.00	20.96 0.17 0.00	21.62 0.09 0.00	24.19 -0.02 -0.31	25.88 0.03 -0.51	29.38 0.25 -0.92	29.85 0.45 -0.95	29.06 0.58 -0.84	25.15 0.56 -0.36	22.21 0.41 0.00	20.99 0.37 0.00
CORNELL_____ 23752	19.22 0.30 0.00	16.95 0.23 0.00	16.01 0.22 0.00	14.73 0.20 0.00	15.45 0.20 0.00	16.57 0.32 0.00	19.93 0.47 0.00	21.72 0.59 0.00	21.86 0.47 0.00	20.39 0.46 0.00	20.05 0.39 0.00	20.38 0.38 0.00	20.84 0.39 0.00	21.15 0.35 0.00	21.19 0.40 0.00	21.93 0.39 0.00	24.53 0.45 -0.17	26.18 0.56 -0.28	29.39 0.68 -0.51	29.71 0.74 -0.53	28.90 0.80 -0.47	25.11 0.68 -0.20	22.45 0.65 0.00	21.21 0.60 0.00

CORONA_V_69_KV_TB1 355595	24.75 1.80 -4.04	18.79 1.50 -0.57	17.25 1.45 0.00	15.76 1.23 0.00	16.43 1.17 0.00	17.40 1.15 0.00	20.98 1.52 0.00	22.75 1.63 0.00	23.42 2.03 0.00	21.85 1.91 0.00	26.86 1.95 -5.25	31.17 2.04 -9.13	31.73 2.11 -9.18	32.07 2.20 -9.07	33.39 2.37 -10.23	35.52 2.58 -11.40	46.19 2.84 -19.44	43.33 3.14 -14.85	41.60 3.38 -10.01	37.74 3.21 -6.08	37.74 3.04 -7.07	35.83 2.33 -9.27	25.90 2.09 -2.00	22.53 1.77 -0.15
CORTLAND_115KV_TB3 80093	19.16 0.25 0.00	16.90 0.18 0.00	15.98 0.19 0.00	14.70 0.17 0.00	15.42 0.17 0.00	16.50 0.26 0.00	19.86 0.39 0.00	21.59 0.46 0.00	21.80 0.41 0.00	20.33 0.40 0.00	20.01 0.35 0.00	20.34 0.34 0.00	20.80 0.35 0.00	21.11 0.31 0.00	21.15 0.35 0.00	21.88 0.34 0.00	24.46 0.38 -0.17	26.11 0.48 -0.28	29.25 0.54 -0.51	29.57 0.60 -0.53	28.74 0.64 -0.47	24.96 0.53 -0.20	22.32 0.52 0.00	21.09 0.47 0.00
COXSACKIE___GT 23611	20.24 1.32 0.00	17.97 1.25 0.00	16.96 1.17 0.00	15.60 1.07 0.00	16.32 1.07 0.00	17.36 1.12 0.00	20.89 1.42 0.00	22.23 1.10 0.00	22.44 1.05 0.00	20.71 0.78 0.00	20.36 0.71 0.00	20.68 0.68 0.00	21.17 0.72 0.00	21.58 0.79 0.00	21.60 0.81 0.00	22.37 0.82 -0.01	24.92 1.05 0.03	26.76 1.27 -0.15	29.75 1.55 0.00	30.24 1.79 0.00	29.51 1.88 0.00	25.83 1.60 0.00	23.00 1.20 0.00	21.58 0.97 0.00
CPV_VALLEY___CC1 323721	19.77 0.85 0.00	17.45 0.73 0.00	16.52 0.73 0.00	15.16 0.64 0.00	15.85 0.59 0.00	16.81 0.57 0.00	20.19 0.72 0.00	21.97 0.85 0.00	22.42 1.03 0.00	20.91 0.98 0.00	20.62 0.96 0.00	21.02 1.02 0.00	21.51 1.06 0.00	21.98 1.18 0.00	22.04 1.25 0.00	22.87 1.40 0.07	25.70 1.65 -0.15	26.33 1.75 0.77	30.06 1.86 0.00	30.24 1.79 0.00	29.26 1.63 0.00	25.54 1.31 0.00	22.80 1.00 0.00	21.40 0.78 0.00
CPV_VALLEY___CC2 323722	19.77 0.85 0.00	17.45 0.73 0.00	16.52 0.73 0.00	15.16 0.64 0.00	15.85 0.59 0.00	16.81 0.57 0.00	20.19 0.72 0.00	21.97 0.85 0.00	22.42 1.03 0.00	20.91 0.98 0.00	20.62 0.96 0.00	21.02 1.02 0.00	21.51 1.06 0.00	21.98 1.18 0.00	22.04 1.25 0.00	22.87 1.40 0.07	25.70 1.65 -0.15	26.33 1.75 0.77	30.06 1.86 0.00	30.24 1.79 0.00	29.26 1.63 0.00	25.54 1.31 0.00	22.80 1.00 0.00	21.40 0.78 0.00
CRESCENT___HYD 24018	19.82 0.91 0.00	17.58 0.87 0.00	16.63 0.84 0.00	15.30 0.77 0.00	16.00 0.75 0.00	16.99 0.75 0.00	20.38 0.92 0.00	22.04 0.91 0.00	22.29 0.90 0.00	20.73 0.80 0.00	20.46 0.81 0.00	20.86 0.86 0.00	21.29 0.84 0.00	21.73 0.94 0.00	21.71 0.91 0.00	22.57 1.01 -0.02	25.01 1.15 0.04	26.88 1.32 -0.22	29.64 1.44 0.00	29.98 1.53 0.00	29.07 1.44 0.00	25.49 1.26 0.00	22.76 0.96 0.00	21.36 0.74 0.00
CRICKET___VALLEY_CC1 323756	19.92 1.00 0.00	17.65 0.94 0.00	16.72 0.93 0.00	15.37 0.84 0.00	16.05 0.79 0.00	17.01 0.76 0.00	20.36 0.90 0.00	22.12 0.99 0.00	22.50 1.11 0.00	20.97 1.04 0.00	20.70 1.04 0.00	21.12 1.12 0.00	21.58 1.12 0.00	22.08 1.29 0.00	22.13 1.33 0.00	23.04 1.47 -0.04	25.51 1.70 0.09	27.69 1.88 -0.47	30.20 2.00 0.00	30.44 1.99 0.00	29.46 1.82 0.00	25.71 1.48 0.00	22.91 1.11 0.00	21.46 0.85 0.00
CRICKET___VALLEY_CC2 323757	19.92 1.00 0.00	17.65 0.94 0.00	16.72 0.93 0.00	15.37 0.84 0.00	16.05 0.79 0.00	17.01 0.76 0.00	20.36 0.90 0.00	22.12 0.99 0.00	22.50 1.11 0.00	20.97 1.04 0.00	20.70 1.04 0.00	21.12 1.12 0.00	21.58 1.12 0.00	22.08 1.29 0.00	22.13 1.33 0.00	23.04 1.47 -0.04	25.51 1.70 0.09	27.69 1.88 -0.47	30.20 2.00 0.00	30.44 1.99 0.00	29.46 1.82 0.00	25.71 1.48 0.00	22.91 1.11 0.00	21.46 0.85 0.00
CRICKET___VALLEY_CC3 323758	19.92 1.00 0.00	17.65 0.94 0.00	16.72 0.93 0.00	15.37 0.84 0.00	16.05 0.79 0.00	17.01 0.76 0.00	20.36 0.90 0.00	22.12 0.99 0.00	22.50 1.11 0.00	20.97 1.04 0.00	20.70 1.04 0.00	21.12 1.12 0.00	21.58 1.12 0.00	22.08 1.29 0.00	22.13 1.33 0.00	23.04 1.47 -0.04	25.51 1.70 0.09	27.69 1.88 -0.47	30.20 2.00 0.00	30.44 1.99 0.00	29.46 1.82 0.00	25.71 1.48 0.00	22.91 1.11 0.00	21.46 0.85 0.00
CRUCIBLE_METL_DRP 24180	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.68 0.02 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.77 -0.02 0.00	20.75 -0.04 0.00	21.45 -0.09 0.00	24.12 -0.12 -0.34	25.83 -0.08 -0.56	29.13 -0.08 -1.01	29.41 -0.09 -1.05	28.51 -0.06 -0.93	24.58 -0.05 -0.39	21.82 0.02 0.00	20.72 0.10 0.00
DAHOWA___HYDRO 323763	20.11 1.19 0.00	17.80 1.09 0.00	16.79 1.00 0.00	15.46 0.93 0.00	16.17 0.92 0.00	17.20 0.96 0.00	20.69 1.23 0.00	22.35 1.22 0.00	22.63 1.24 0.00	21.03 1.10 0.00	20.78 1.12 0.00	21.16 1.16 0.00	21.60 1.14 0.00	22.00 1.21 0.00	21.98 1.18 0.00	22.85 1.29 -0.02	25.37 1.51 0.04	27.20 1.65 -0.21	30.12 1.92 0.00	30.35 1.91 0.00	29.54 1.91 0.00	25.90 1.67 0.00	23.15 1.35 0.00	21.73 1.11 0.00
DANC___LFGE 323619	18.93 0.02 0.00	16.68 -0.03 0.00	15.76 -0.03 0.00	14.51 -0.01 0.00	15.24 -0.02 0.00	16.34 0.10 0.00	19.60 0.14 0.00	21.36 0.23 0.00	21.50 0.11 0.00	20.06 0.12 0.00	19.72 0.06 0.00	20.04 0.04 0.00	20.51 0.06 0.00	20.82 0.02 0.00	20.77 -0.02 0.00	21.45 -0.09 0.00	24.10 -0.19 -0.39	25.84 -0.15 -0.64	29.30 -0.06 -1.16	29.70 0.06 -1.20	28.86 0.17 -1.06	24.90 0.22 -0.45	21.97 0.17 0.00	20.80 0.19 0.00
DANSKAMMER___1 23586	20.16 1.25 0.00	17.79 1.07 0.00	16.85 1.06 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.12 0.88 0.00	20.54 1.07 0.00	22.33 1.20 0.00	22.85 1.46 0.00	21.27 1.34 0.00	20.97 1.32 0.00	21.38 1.38 0.00	21.88 1.43 0.00	22.37 1.58 0.00	22.48 1.68 0.00	23.39 1.85 0.00	26.07 2.20 0.04	27.70 2.36 0.00	30.74 2.54 0.00	30.92 2.47 0.00	29.98 2.35 0.00	26.10 1.87 0.00	23.24 1.44 0.00	21.79 1.17 0.00
DANSKAMMER___2 23589	20.16 1.25 0.00	17.79 1.07 0.00	16.85 1.06 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.12 0.88 0.00	20.54 1.07 0.00	22.33 1.20 0.00	22.85 1.46 0.00	21.27 1.34 0.00	20.97 1.32 0.00	21.38 1.38 0.00	21.88 1.43 0.00	22.37 1.58 0.00	22.48 1.68 0.00	23.39 1.85 0.00	26.07 2.20 0.04	27.70 2.36 0.00	30.74 2.54 0.00	30.92 2.47 0.00	29.98 2.35 0.00	26.10 1.87 0.00	23.24 1.44 0.00	21.79 1.17 0.00
DANSKAMMER___3 23590	20.16 1.25 0.00	17.79 1.07 0.00	16.85 1.06 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.12 0.88 0.00	20.54 1.07 0.00	22.33 1.20 0.00	22.85 1.46 0.00	21.27 1.34 0.00	20.97 1.32 0.00	21.38 1.38 0.00	21.88 1.43 0.00	22.37 1.58 0.00	22.48 1.68 0.00	23.39 1.85 0.00	26.07 2.20 0.04	27.70 2.36 0.00	30.74 2.54 0.00	30.92 2.47 0.00	29.98 2.35 0.00	26.10 1.87 0.00	23.24 1.44 0.00	21.79 1.17 0.00

DANSKAMMER___4 23591	20.16 1.25 0.00	17.79 1.07 0.00	16.85 1.06 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.12 0.88 0.00	20.54 1.07 0.00	22.33 1.20 0.00	22.85 1.46 0.00	21.27 1.34 0.00	20.97 1.32 0.00	21.38 1.38 0.00	21.88 1.43 0.00	22.37 1.58 0.00	22.48 1.68 0.00	23.39 1.85 0.00	26.07 2.20 0.04	27.70 2.36 0.00	30.74 2.54 0.00	30.92 2.47 0.00	29.98 2.35 0.00	26.10 1.87 0.00	23.24 1.44 0.00	21.79 1.17 0.00
DANSKAMMER___DIESEL 23592	20.16 1.25 0.00	17.75 1.04 0.00	16.85 1.06 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.07 0.83 0.00	20.54 1.07 0.00	22.33 1.20 0.00	22.84 1.45 0.00	21.27 1.34 0.00	20.99 1.34 0.00	21.38 1.38 0.00	21.88 1.43 0.00	22.31 1.52 0.00	22.48 1.68 0.00	23.35 1.81 0.00	25.95 2.08 0.04	27.68 2.33 0.00	30.68 2.48 0.00	30.89 2.45 0.00	29.90 2.27 0.00	25.93 1.70 0.00	23.22 1.42 0.00	21.79 1.18 0.00
DARBY___SOLAR 323810	20.03 1.12 0.00	17.75 1.04 0.00	16.74 0.95 0.00	15.41 0.89 0.00	16.12 0.87 0.00	17.15 0.91 0.00	20.61 1.15 0.00	22.29 1.16 0.00	22.57 1.18 0.00	20.99 1.06 0.00	20.72 1.06 0.00	21.12 1.12 0.00	21.53 1.08 0.00	21.96 1.16 0.00	21.94 1.14 0.00	22.80 1.25 -0.02	25.30 1.43 0.04	27.15 1.60 -0.21	30.03 1.83 0.00	30.27 1.82 0.00	29.43 1.80 0.00	25.81 1.57 0.00	23.06 1.26 0.00	21.67 1.05 0.00
DASHVILLE___HYD 23610	19.90 0.98 0.00	17.52 0.80 0.00	16.63 0.84 0.00	15.25 0.73 0.00	15.92 0.67 0.00	16.85 0.60 0.00	20.25 0.78 0.00	22.10 0.97 0.00	22.80 1.41 0.00	21.23 1.30 0.00	20.94 1.28 0.00	21.34 1.34 0.00	21.86 1.41 0.00	22.31 1.52 0.00	22.50 1.71 0.00	23.41 1.87 0.00	26.05 2.15 0.00	27.73 2.38 0.00	30.71 2.51 0.00	30.86 2.42 0.00	29.87 2.24 0.00	25.83 1.60 0.00	23.13 1.33 0.00	21.71 1.09 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.62 2.67 -4.04	19.66 2.37 -0.57	18.07 2.27 0.00	16.37 1.84 0.00	17.07 1.82 0.00	18.10 1.85 0.00	21.86 2.39 0.00	23.45 2.32 0.00	24.32 2.93 0.00	22.61 2.67 0.00	27.56 2.65 -5.25	32.01 2.88 -9.13	32.59 2.97 -9.18	32.92 3.06 -9.07	34.27 3.24 -10.23	36.47 3.53 -11.40	47.29 3.94 -19.44	44.53 4.33 -14.85	43.01 4.79 -10.01	39.05 4.52 -6.08	38.79 4.09 -7.07	36.89 3.39 -9.27	26.75 2.94 -2.00	23.34 2.58 -0.15
DELAWARE___LFGE 323621	19.52 0.61 0.00	17.22 0.50 0.00	16.28 0.49 0.00	14.98 0.45 0.00	15.68 0.43 0.00	16.70 0.45 0.00	20.07 0.60 0.00	21.87 0.74 0.00	22.16 0.77 0.00	20.67 0.74 0.00	20.37 0.71 0.00	20.72 0.72 0.00	21.21 0.76 0.00	21.58 0.79 0.00	21.63 0.83 0.00	22.42 0.88 0.00	24.93 1.00 -0.02	26.46 1.12 0.00	29.39 1.18 0.00	29.64 1.19 0.00	28.77 1.13 0.00	25.10 0.87 0.00	22.54 0.74 0.00	21.23 0.62 0.00
DERFIELD_115KV_TB7 355931	19.07 0.15 0.00	16.85 0.13 0.00	15.92 0.13 0.00	14.64 0.12 0.00	15.36 0.11 0.00	16.36 0.11 0.00	19.62 0.16 0.00	21.30 0.17 0.00	21.56 0.17 0.00	20.10 0.16 0.00	19.80 0.14 0.00	20.14 0.14 0.00	20.62 0.16 0.00	20.96 0.17 0.00	20.96 0.17 0.00	21.71 0.17 0.00	24.09 0.19 0.00	25.57 0.23 0.00	28.43 0.23 0.00	28.67 0.23 0.00	27.85 0.22 0.00	24.40 0.17 0.00	21.93 0.13 0.00	20.74 0.12 0.00
DOGLEVILLE___HYD 23807	19.10 0.19 0.00	16.92 0.20 0.00	16.01 0.22 0.00	14.76 0.23 0.00	15.51 0.26 0.00	16.57 0.32 0.00	19.89 0.43 0.00	21.59 0.46 0.00	21.82 0.43 0.00	20.31 0.38 0.00	19.95 0.30 0.00	20.20 0.20 0.00	20.60 0.14 0.00	20.88 0.08 0.00	20.84 0.04 0.00	21.58 0.04 0.00	23.88 -0.02 0.00	25.32 -0.03 0.00	28.23 0.03 0.00	28.53 0.09 0.00	27.77 0.14 0.00	24.38 0.15 0.00	21.97 0.17 0.00	20.78 0.16 0.00
DUNKIRK___115KV_TB_200 55889	18.31 -0.61 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.21 -0.32 0.00	14.86 -0.40 0.00	16.07 -0.18 0.00	19.33 -0.14 0.00	21.15 0.02 0.00	21.30 -0.09 0.00	19.92 -0.02 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.41 -0.04 0.00	20.50 -0.29 0.00	20.84 0.04 0.00	21.41 -0.13 0.00	23.69 -0.22 0.00	25.14 -0.20 0.00	27.81 -0.39 0.00	27.85 -0.60 0.00	27.47 -0.17 0.00	24.33 0.10 0.00	22.19 0.39 0.00	21.07 0.45 0.00
DUNKIRK___1 23563	18.31 -0.61 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.21 -0.32 0.00	14.86 -0.40 0.00	16.07 -0.18 0.00	19.33 -0.14 0.00	21.15 0.02 0.00	21.30 -0.09 0.00	19.92 -0.02 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.41 -0.04 0.00	20.50 -0.29 0.00	20.84 0.04 0.00	21.41 -0.13 0.00	23.69 -0.22 0.00	25.14 -0.20 0.00	27.81 -0.39 0.00	27.85 -0.60 0.00	27.47 -0.17 0.00	24.33 0.10 0.00	22.19 0.39 0.00	21.07 0.45 0.00
DUNKIRK___2 23564	18.31 -0.61 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.21 -0.32 0.00	14.86 -0.40 0.00	16.07 -0.18 0.00	19.33 -0.14 0.00	21.15 0.02 0.00	21.30 -0.09 0.00	19.92 -0.02 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.41 -0.04 0.00	20.50 -0.29 0.00	20.84 0.04 0.00	21.41 -0.13 0.00	23.69 -0.22 0.00	25.14 -0.20 0.00	27.81 -0.39 0.00	27.85 -0.60 0.00	27.47 -0.17 0.00	24.33 0.10 0.00	22.19 0.39 0.00	21.07 0.45 0.00
DUNKIRK___3 23565	18.25 -0.66 0.00	16.23 -0.48 0.00	15.35 -0.44 0.00	14.15 -0.38 0.00	14.79 -0.46 0.00	16.00 -0.24 0.00	19.23 -0.23 0.00	21.02 -0.11 0.00	21.18 -0.21 0.00	19.80 -0.14 0.00	19.52 -0.14 0.00	19.82 -0.18 0.00	20.29 -0.16 0.00	20.38 -0.42 0.00	20.71 -0.08 0.00	21.28 -0.26 0.00	23.57 -0.33 0.00	24.99 -0.35 0.00	27.64 -0.56 0.00	27.68 -0.77 0.00	27.30 -0.33 0.00	24.16 -0.07 0.00	22.04 0.24 0.00	20.92 0.31 0.00
DUNKIRK___4 23566	18.25 -0.66 0.00	16.23 -0.48 0.00	15.35 -0.44 0.00	14.15 -0.38 0.00	14.79 -0.46 0.00	16.00 -0.24 0.00	19.23 -0.23 0.00	21.02 -0.11 0.00	21.18 -0.21 0.00	19.80 -0.14 0.00	19.52 -0.14 0.00	19.82 -0.18 0.00	20.29 -0.16 0.00	20.38 -0.42 0.00	20.71 -0.08 0.00	21.28 -0.26 0.00	23.57 -0.33 0.00	24.99 -0.35 0.00	27.64 -0.56 0.00	27.68 -0.77 0.00	27.30 -0.33 0.00	24.16 -0.07 0.00	22.04 0.24 0.00	20.92 0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.33 1.42 0.00	17.87 1.15 0.00	16.98 1.18 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.56 1.44 0.00	23.08 1.69 0.00	21.53 1.59 0.00	21.27 1.61 0.00	21.70 1.70 0.00	22.21 1.76 0.00	22.65 1.85 0.00	22.81 2.02 0.00	24.08 2.22 -0.33	27.30 2.49 -0.91	31.89 2.76 -3.78	31.13 2.93 0.00	31.20 2.76 0.00	30.18 2.54 0.00	26.12 1.89 0.00	23.44 1.64 0.00	21.96 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.03 1.12 0.00	17.63 0.92 0.00	16.72 0.93 0.00	15.35 0.83 0.00	16.03 0.78 0.00	16.98 0.73 0.00	20.40 0.93 0.00	22.20 1.08 0.00	22.74 1.35 0.00	21.17 1.24 0.00	20.88 1.22 0.00	21.28 1.28 0.00	21.78 1.33 0.00	22.21 1.41 0.00	22.35 1.56 0.00	23.21 1.70 0.03	25.93 1.96 -0.06	27.21 2.18 0.32	30.51 2.31 0.00	30.69 2.25 0.00	29.71 2.07 0.00	25.76 1.53 0.00	23.09 1.29 0.00	21.67 1.05 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.47 1.55 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.09 0.84 0.00	20.61 1.15 0.00	22.54 1.42 0.00	23.08 1.69 0.00	21.55 1.61 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.23 1.78 0.00	22.69 1.89 0.00	22.87 2.08 0.00	24.17 2.30 -0.33	27.39 2.58 -0.90	31.97 2.86 -3.76	31.25 3.05 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.05 1.82 0.00	23.41 1.61 0.00	21.87 1.26 0.00
E179THST_13_KV_LOAD 356214	20.57 1.65 -0.01	18.04 1.32 0.00	17.12 1.33 0.00	15.73 1.21 0.00	16.40 1.14 0.00	17.15 0.91 0.00	20.71 1.25 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.33 1.88 0.00	22.79 2.00 0.00	22.98 2.18 0.00	24.28 2.41 -0.33	27.53 2.73 -0.90	32.12 3.02 -3.76	31.42 3.21 0.00	31.43 2.99 0.00	30.31 2.68 0.00	26.17 1.94 0.00	23.52 1.72 0.00	21.98 1.36 0.00
EAST HAMPTON___GT 23717	25.83 2.87 -4.04	19.88 2.59 -0.57	18.22 2.43 0.00	16.53 2.01 0.00	17.22 1.97 0.00	18.31 2.06 0.00	22.06 2.59 0.00	23.75 2.62 0.00	24.58 3.19 0.00	22.87 2.93 0.00	27.82 2.91 -5.25	32.31 3.18 -9.13	32.88 3.25 -9.18	33.29 3.43 -9.07	34.56 3.54 -10.23	36.79 3.85 -11.40	47.79 4.45 -19.44	44.98 4.79 -14.85	43.46 5.24 -10.01	39.56 5.04 -6.08	39.23 4.53 -7.07	37.40 3.90 -9.27	27.01 3.21 -2.00	23.56 2.80 -0.15
EAST RIVER___6 23660	20.14 1.46 0.23	17.88 1.20 0.04	17.01 1.22 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.19 0.94 0.00	20.41 1.21 0.26	22.28 1.48 0.32	22.78 1.75 0.36	21.37 1.67 0.24	21.17 1.67 0.16	21.58 1.78 0.20	22.06 1.84 0.24	22.53 2.02 0.28	22.85 2.12 0.06	24.08 2.39 -0.16	27.13 2.75 -0.48	31.04 2.94 -2.76	30.63 3.13 0.70	30.41 2.93 0.96	29.41 2.65 0.88	25.76 2.08 0.56	23.15 1.68 0.33	21.65 1.34 0.30
EAST RIVER___7 23524	20.14 1.46 0.23	17.88 1.20 0.04	17.01 1.22 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.19 0.94 0.00	20.41 1.21 0.26	22.28 1.48 0.32	22.78 1.75 0.36	21.37 1.67 0.24	21.17 1.67 0.16	21.58 1.78 0.20	22.06 1.84 0.24	22.53 2.02 0.28	22.85 2.12 0.06	24.08 2.39 -0.16	27.13 2.75 -0.48	31.04 2.94 -2.76	30.63 3.13 0.70	30.41 2.93 0.96	29.41 2.65 0.88	25.76 2.08 0.56	23.15 1.68 0.33	21.65 1.34 0.30
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.24 1.32 0.00	17.80 1.09 0.00	16.91 1.12 0.00	15.53 1.00 0.00	16.20 0.95 0.00	17.12 0.88 0.00	20.61 1.15 0.00	22.48 1.35 0.00	22.99 1.60 0.00	21.43 1.50 0.00	21.15 1.49 0.00	21.58 1.58 0.00	22.09 1.64 0.00	22.52 1.73 0.00	22.69 1.89 0.00	23.95 2.07 -0.34	27.08 2.32 -0.86	31.89 2.59 -3.96	30.94 2.74 0.00	31.03 2.59 0.00	30.01 2.38 0.00	25.98 1.74 0.00	23.30 1.50 0.00	21.85 1.24 0.00
EAST_HAMPTON___DIESEL 23722	25.83 2.87 -4.04	19.88 2.59 -0.57	18.22 2.43 0.00	16.53 2.01 0.00	17.22 1.97 0.00	18.31 2.06 0.00	22.06 2.59 0.00	23.75 2.62 0.00	24.58 3.19 0.00	22.87 2.93 0.00	27.82 2.91 -5.25	32.31 3.18 -9.13	32.88 3.25 -9.18	33.29 3.43 -9.07	34.56 3.54 -10.23	36.79 3.85 -11.40	47.79 4.45 -19.44	44.98 4.79 -14.85	43.46 5.24 -10.01	39.53 5.01 -6.08	39.23 4.53 -7.07	37.40 3.90 -9.27	27.01 3.21 -2.00	23.56 2.80 -0.15
EAST_POINT___SOLAR 323840	19.94 1.02 0.00	17.57 0.85 0.00	16.55 0.76 0.00	15.22 0.70 0.00	15.97 0.72 0.00	17.09 0.84 0.00	20.52 1.05 0.00	22.31 1.18 0.00	22.22 0.83 0.00	20.36 0.42 0.00	20.01 0.35 0.00	20.40 0.40 0.00	20.68 0.23 0.00	21.21 0.42 0.00	21.11 0.31 0.00	22.20 0.65 -0.02	24.27 0.41 0.04	26.89 1.34 -0.20	30.43 2.23 0.00	30.86 2.42 0.00	29.98 2.35 0.00	26.17 1.94 0.00	23.50 1.70 0.00	21.98 1.36 0.00
EAST_PULASKI___ESR 323781	18.82 -0.09 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.13 -0.12 0.00	16.20 -0.05 0.00	19.43 -0.04 0.00	21.13 0.00 0.00	21.30 -0.09 0.00	19.88 -0.06 0.00	19.58 -0.08 0.00	19.90 -0.10 0.00	20.35 -0.10 0.00	20.65 -0.14 0.00	20.63 -0.17 0.00	21.30 -0.24 0.00	24.15 -0.31 -0.56	25.97 -0.30 -0.93	29.59 -0.28 -1.67	29.91 -0.26 -1.73	29.00 -0.16 -1.53	24.79 -0.10 -0.65	21.76 -0.04 0.00	20.64 0.02 0.00
EAST_RIVER___1 323558	20.14 1.46 0.23	17.90 1.22 0.04	17.03 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.24 0.99 0.00	20.47 1.26 0.26	22.33 1.52 0.32	22.80 1.77 0.36	21.39 1.69 0.24	21.19 1.69 0.16	21.58 1.78 0.20	22.06 1.84 0.24	22.53 2.02 0.28	22.87 2.14 0.06	24.08 2.39 -0.16	27.13 2.75 -0.48	31.04 2.94 -2.76	30.66 3.16 0.70	30.44 2.96 0.96	29.44 2.68 0.88	25.78 2.11 0.56	23.15 1.68 0.33	21.67 1.36 0.30
EAST_RIVER___2 323559	20.14 1.46 0.23	17.88 1.20 0.04	17.01 1.22 0.00	15.60 1.07 0.00	16.26 1.01 0.00	17.19 0.94 0.00	20.41 1.21 0.26	22.28 1.48 0.32	22.78 1.75 0.36	21.37 1.67 0.24	21.17 1.67 0.16	21.58 1.78 0.20	22.06 1.84 0.24	22.53 2.02 0.28	22.85 2.12 0.06	24.08 2.39 -0.16	27.13 2.75 -0.48	31.04 2.94 -2.76	30.63 3.13 0.70	30.41 2.93 0.96	29.41 2.65 0.88	25.76 2.08 0.56	23.15 1.68 0.33	21.65 1.34 0.30
EAST___DELAWARE_HYD 23607	19.67 0.76 0.00	17.32 0.60 0.00	16.39 0.60 0.00	15.03 0.51 0.00	15.71 0.46 0.00	16.68 0.44 0.00	20.01 0.54 0.00	21.80 0.68 0.00	22.33 0.94 0.00	20.79 0.86 0.00	20.48 0.83 0.00	20.86 0.86 0.00	21.37 0.92 0.00	21.83 1.04 0.00	21.96 1.16 0.00	22.83 1.31 0.02	25.57 1.63 -0.04	26.85 1.75 0.24	30.09 1.89 0.00	30.27 1.82 0.00	29.38 1.74 0.00	25.56 1.33 0.00	22.74 0.94 0.00	21.34 0.72 0.00
EIGHT_POINT___WT_PWR 323820	18.56 -0.36 0.00	16.35 -0.37 0.00	15.45 -0.35 0.00	14.22 -0.31 0.00	14.92 -0.34 0.00	16.16 -0.08 0.00	19.45 -0.02 0.00	21.28 0.15 0.00	21.43 0.04 0.00	19.98 0.04 0.00	19.68 0.02 0.00	19.96 -0.04 0.00	20.43 -0.02 0.00	20.84 0.04 0.00	20.82 0.02 0.00	21.39 -0.15 0.00	23.78 -0.12 0.00	25.24 -0.10 0.00	28.12 -0.08 0.00	28.22 -0.23 0.00	27.69 0.06 0.00	24.64 0.41 0.00	22.35 0.55 0.00	21.17 0.56 0.00
ELBRIDGE_115KV_TB2 80188	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.40 -0.13 0.00	15.12 -0.14 0.00	16.16 -0.08 0.00	19.41 -0.06 0.00	21.11 -0.02 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.60 -0.06 0.00	19.94 -0.06 0.00	20.37 -0.08 0.00	20.69 -0.10 0.00	20.67 -0.12 0.00	21.37 -0.17 0.00	24.05 -0.22 -0.36	25.76 -0.18 -0.60	29.08 -0.20 -1.08	29.33 -0.23 -1.11	28.48 -0.14 -0.99	24.51 -0.15 -0.42	21.76 -0.04 0.00	20.64 0.02 0.00
ELEC_TRO_TEK 24086	24.64 1.68 -4.04	18.69 1.40 -0.57	17.17 1.37 0.00	15.69 1.16 0.00	16.35 1.10 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.65 1.52 0.00	23.32 1.93 0.00	21.73 1.79 0.00	26.74 1.83 -5.25	31.03 1.90 -9.13	31.59 1.96 -9.18	31.92 2.06 -9.07	33.25 2.23 -10.23	35.37 2.43 -11.40	46.05 2.70 -19.44	43.18 2.99 -14.85	41.43 3.21 -10.01	37.57 3.04 -6.08	37.52 2.82 -7.07	35.63 2.13 -9.27	25.75 1.94 -2.00	22.39 1.63 -0.15

ELLENBURG_WT_PWR 323604	18.09 -0.81 0.01	15.95 -0.77 0.00	15.07 -0.73 0.00	13.87 -0.65 0.00	14.75 -0.50 0.00	15.71 -0.54 0.00	18.82 -0.64 0.00	20.56 -0.57 0.00	20.47 -0.92 0.00	18.78 -1.16 0.00	18.56 -1.10 0.00	18.70 -1.30 0.00	19.08 -1.37 0.00	19.44 -1.35 0.00	19.49 -1.31 0.00	20.22 -1.31 0.00	22.33 -1.58 0.00	23.87 -1.47 0.00	27.69 -0.51 0.00	28.42 -0.03 0.00	27.74 0.11 0.00	24.42 0.19 0.00	21.93 0.13 0.00	20.70 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.08 -0.83 0.00	16.08 -0.64 0.00	15.19 -0.60 0.00	14.02 -0.51 0.00	14.67 -0.58 0.00	15.85 -0.39 0.00	19.04 -0.43 0.00	20.77 -0.36 0.00	20.92 -0.47 0.00	19.58 -0.36 0.00	19.28 -0.37 0.00	19.60 -0.40 0.00	20.06 -0.39 0.00	20.13 -0.67 0.00	20.46 -0.33 0.00	21.02 -0.52 0.00	23.26 -0.65 0.00	24.66 -0.68 0.00	27.24 -0.96 0.00	27.25 -1.19 0.00	26.89 -0.75 0.00	23.84 -0.39 0.00	21.76 -0.04 0.00	20.68 0.06 0.00
EMPIRE_CC_1 323656	19.75 0.83 0.00	17.57 0.85 0.00	16.61 0.82 0.00	15.28 0.75 0.00	15.95 0.70 0.00	16.91 0.67 0.00	20.26 0.80 0.00	21.87 0.74 0.00	22.14 0.75 0.00	20.59 0.66 0.00	20.36 0.71 0.00	20.76 0.76 0.00	21.19 0.74 0.00	21.65 0.85 0.00	21.63 0.83 0.00	22.49 0.93 -0.03	24.90 1.05 0.06	26.81 1.17 -0.30	29.44 1.24 0.00	29.78 1.34 0.00	28.85 1.21 0.00	25.37 1.14 0.00	22.63 0.83 0.00	21.21 0.60 0.00
EMPIRE_CC_2 323658	19.75 0.83 0.00	17.57 0.85 0.00	16.61 0.82 0.00	15.28 0.75 0.00	15.95 0.70 0.00	16.91 0.67 0.00	20.26 0.80 0.00	21.87 0.74 0.00	22.14 0.75 0.00	20.59 0.66 0.00	20.36 0.71 0.00	20.76 0.76 0.00	21.19 0.74 0.00	21.65 0.85 0.00	21.63 0.83 0.00	22.49 0.93 -0.03	24.90 1.05 0.06	26.81 1.17 -0.30	29.44 1.24 0.00	29.78 1.34 0.00	28.85 1.21 0.00	25.37 1.14 0.00	22.63 0.83 0.00	21.21 0.60 0.00
ENORWICH_115KV_TB1 80156	20.01 1.10 0.00	17.60 0.89 0.00	16.60 0.81 0.00	15.31 0.78 0.00	16.06 0.81 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.86 1.73 0.00	22.87 1.48 0.00	21.33 1.40 0.00	20.86 1.20 0.00	21.16 1.16 0.00	21.70 1.25 0.00	22.02 1.23 0.00	22.06 1.27 0.00	22.83 1.29 0.00	25.54 1.51 -0.13	27.23 1.67 -0.21	30.61 2.03 -0.38	31.23 2.39 -0.40	30.36 2.38 -0.35	26.44 2.06 -0.15	23.52 1.72 0.00	22.16 1.55 0.00
ERIE_ST__34_KV_TB1-2 80199	18.33 -0.59 0.00	16.28 -0.43 0.00	15.40 -0.39 0.00	14.19 -0.33 0.00	14.86 -0.40 0.00	16.05 -0.19 0.00	19.29 -0.18 0.00	21.02 -0.11 0.00	21.20 -0.19 0.00	19.84 -0.10 0.00	19.56 -0.10 0.00	19.88 -0.12 0.00	20.35 -0.10 0.00	20.44 -0.35 0.00	20.77 -0.02 0.00	21.34 -0.19 0.00	23.62 -0.29 0.00	25.04 -0.30 0.00	27.67 -0.54 0.00	27.68 -0.77 0.00	27.30 -0.33 0.00	24.16 -0.07 0.00	22.04 0.24 0.00	20.99 0.37 0.00
ERIE_WT_PWR 323693	18.39 -0.53 0.00	16.20 -0.52 0.00	15.29 -0.51 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	16.00 -0.24 0.00	19.15 -0.31 0.00	20.90 -0.23 0.00	21.11 -0.28 0.00	19.70 -0.24 0.00	19.44 -0.22 0.00	19.72 -0.28 0.00	20.21 -0.24 0.00	20.63 -0.17 0.00	20.61 -0.19 0.00	21.11 -0.43 0.00	23.43 -0.48 0.00	24.68 -0.66 0.00	27.36 -0.85 0.00	27.34 -1.11 0.00	26.78 -0.86 0.00	24.01 -0.22 0.00	21.91 0.11 0.00	20.84 0.23 0.00
ESPRGFLD_115KV_TB1 80157	19.71 0.79 0.00	17.35 0.64 0.00	16.38 0.58 0.00	15.06 0.54 0.00	15.80 0.55 0.00	16.91 0.67 0.00	20.34 0.88 0.00	22.23 1.10 0.00	22.50 1.11 0.00	20.99 1.06 0.00	20.66 1.00 0.00	21.00 1.00 0.00	21.52 1.06 0.00	21.88 1.08 0.00	21.94 1.14 0.00	22.74 1.21 0.00	25.29 1.36 -0.02	26.84 1.50 0.00	29.81 1.61 0.00	30.12 1.68 0.00	29.21 1.58 0.00	25.49 1.26 0.00	22.83 1.02 0.00	21.46 0.85 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.20 0.28 0.00	16.93 0.22 0.00	16.00 0.21 0.00	14.71 0.19 0.00	15.44 0.18 0.00	16.55 0.31 0.00	19.91 0.45 0.00	21.68 0.55 0.00	21.84 0.45 0.00	20.35 0.42 0.00	20.03 0.37 0.00	20.36 0.36 0.00	20.82 0.37 0.00	21.13 0.33 0.00	21.17 0.37 0.00	21.88 0.34 0.00	24.49 0.41 -0.18	26.17 0.53 -0.29	29.35 0.62 -0.53	29.68 0.68 -0.55	28.87 0.75 -0.49	25.07 0.63 -0.21	22.41 0.61 0.00	21.17 0.56 0.00
ETNA____115KV_TB2 80207	19.20 0.28 0.00	16.93 0.22 0.00	16.00 0.21 0.00	14.71 0.19 0.00	15.44 0.18 0.00	16.55 0.31 0.00	19.91 0.45 0.00	21.68 0.55 0.00	21.84 0.45 0.00	20.35 0.42 0.00	20.03 0.37 0.00	20.36 0.36 0.00	20.82 0.37 0.00	21.13 0.33 0.00	21.17 0.37 0.00	21.88 0.34 0.00	24.49 0.41 -0.18	26.17 0.53 -0.29	29.35 0.62 -0.53	29.68 0.68 -0.55	28.87 0.75 -0.49	25.07 0.63 -0.21	22.41 0.61 0.00	21.17 0.56 0.00
EUCLID____115KV_TB2 356179	18.69 -0.23 0.00	16.51 -0.20 0.00	15.60 -0.19 0.00	14.35 -0.17 0.00	15.05 -0.20 0.00	16.08 -0.16 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.18 -0.21 0.00	19.78 -0.16 0.00	19.48 -0.18 0.00	19.82 -0.18 0.00	20.27 -0.18 0.00	20.59 -0.21 0.00	20.54 -0.25 0.00	21.26 -0.28 0.00	23.71 -0.33 -0.15	25.26 -0.33 -0.24	28.24 -0.39 -0.44	28.50 -0.40 -0.45	27.70 -0.33 -0.40	24.09 -0.32 -0.17	21.58 -0.22 0.00	20.51 -0.10 0.00
E_CANADA_CAP_HY 24051	19.92 1.00 0.00	17.53 0.82 0.00	16.54 0.74 0.00	15.21 0.68 0.00	15.94 0.69 0.00	17.06 0.81 0.00	20.50 1.03 0.00	22.29 1.16 0.00	22.22 0.83 0.00	20.36 0.42 0.00	20.01 0.35 0.00	20.40 0.40 0.00	20.68 0.23 0.00	21.21 0.42 0.00	21.11 0.31 0.00	22.20 0.65 -0.02	24.25 0.38 0.04	26.84 1.29 -0.20	30.34 2.14 0.00	30.80 2.36 0.00	29.93 2.29 0.00	26.10 1.87 0.00	23.46 1.66 0.00	21.95 1.34 0.00
E_CANADA_MHWK_HY 24050	19.10 0.19 0.00	16.92 0.20 0.00	16.01 0.22 0.00	14.76 0.23 0.00	15.51 0.26 0.00	16.57 0.32 0.00	19.89 0.43 0.00	21.59 0.46 0.00	21.82 0.43 0.00	20.31 0.38 0.00	19.95 0.30 0.00	20.20 0.20 0.00	20.60 0.14 0.00	20.88 0.08 0.00	20.84 0.04 0.00	21.58 0.04 0.00	23.88 -0.02 0.00	25.32 -0.03 0.00	28.23 0.03 0.00	28.53 0.09 0.00	27.77 0.14 0.00	24.38 0.15 0.00	21.97 0.17 0.00	20.78 0.16 0.00
E_FISHKILL____LBMP 23776	20.01 1.10 0.00	17.65 0.94 0.00	16.74 0.95 0.00	15.37 0.84 0.00	16.05 0.79 0.00	16.98 0.73 0.00	20.42 0.95 0.00	22.23 1.10 0.00	22.69 1.30 0.00	21.13 1.20 0.00	20.88 1.22 0.00	21.28 1.28 0.00	21.76 1.31 0.00	22.19 1.39 0.00	22.31 1.52 0.00	23.24 1.66 -0.05	25.61 1.84 0.14	27.96 2.08 -0.54	30.40 2.20 0.00	30.55 2.10 0.00	29.57 1.93 0.00	25.66 1.43 0.00	23.02 1.22 0.00	21.61 0.99 0.00
FALCON____SEABRD_CC1 323796	18.26 -0.64 0.01	16.13 -0.59 0.00	15.24 -0.55 0.00	14.05 -0.48 0.00	14.90 -0.35 0.00	15.89 -0.36 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.64 -0.75 0.00	19.00 -0.94 0.00	18.77 -0.88 0.00	18.94 -1.06 0.00	19.35 -1.10 0.00	19.69 -1.10 0.00	19.71 -1.08 0.00	20.42 -1.12 0.00	22.61 -1.29 0.00	24.15 -1.19 0.00	27.98 -0.23 0.00	28.65 0.20 0.00	27.91 0.28 0.00	24.57 0.34 0.00	22.04 0.24 0.00	20.80 0.19 0.00

FALCON___SEABRD_CC2 323797	18.26 -0.64 0.01	16.13 -0.59 0.00	15.24 -0.55 0.00	14.05 -0.48 0.00	14.90 -0.35 0.00	15.89 -0.36 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.64 -0.75 0.00	19.00 -0.94 0.00	18.77 -0.88 0.00	18.94 -1.06 0.00	19.35 -1.10 0.00	19.69 -1.10 0.00	19.71 -1.08 0.00	20.42 -1.12 0.00	22.61 -1.29 0.00	24.15 -1.19 0.00	27.98 -0.23 0.00	28.65 0.20 0.00	27.91 0.28 0.00	24.57 0.34 0.00	22.04 0.24 0.00	20.80 0.19 0.00
FAR ROCKAWAY___4 23548	25.09 2.14 -4.04	19.08 1.79 -0.57	17.50 1.71 0.00	15.98 1.45 0.00	16.66 1.40 0.00	17.64 1.40 0.00	21.28 1.81 0.00	23.05 1.92 0.00	23.79 2.40 0.00	22.19 2.25 0.00	27.23 2.32 -5.25	31.57 2.44 -9.13	32.14 2.52 -9.18	32.50 2.64 -9.07	33.83 2.81 -10.23	36.00 3.06 -11.40	46.48 3.13 -19.44	43.64 3.45 -14.85	41.96 3.75 -10.01	38.05 3.53 -6.08	38.35 3.65 -7.07	36.36 2.86 -9.27	26.29 2.49 -2.00	22.90 2.14 -0.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.37 1.71 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	27.47 2.65 -0.91	32.06 2.94 -3.77	31.33 3.13 0.00	31.35 2.90 0.00	30.29 2.65 0.00	26.17 1.94 0.00	23.50 1.70 0.00	21.98 1.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.37 1.71 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	27.47 2.65 -0.91	32.06 2.94 -3.77	31.33 3.13 0.00	31.35 2.90 0.00	30.29 2.65 0.00	26.17 1.94 0.00	23.50 1.70 0.00	22.00 1.38 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.37 1.46 0.00	17.90 1.19 0.00	17.01 1.22 0.00	15.62 1.09 0.00	16.27 1.02 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.92 2.12 0.00	24.23 2.37 -0.33	27.44 2.63 -0.91	32.03 2.91 -3.77	31.30 3.10 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.15 1.91 0.00	23.48 1.68 0.00	21.98 1.36 0.00
FARRAGUT___LBMP 323566	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.73 1.93 0.00	22.89 2.10 0.00	24.21 2.35 -0.33	27.42 2.61 -0.91	32.01 2.89 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.15 1.91 0.00	23.46 1.66 0.00	21.96 1.34 0.00
FENNER___WINDPWR 24204	19.31 0.40 0.00	17.02 0.30 0.00	16.06 0.27 0.00	14.79 0.26 0.00	15.51 0.26 0.00	16.62 0.37 0.00	19.95 0.49 0.00	21.72 0.59 0.00	21.93 0.53 0.00	20.45 0.52 0.00	20.11 0.45 0.00	20.42 0.42 0.00	20.92 0.47 0.00	21.27 0.48 0.00	21.27 0.48 0.00	21.99 0.45 0.00	24.56 0.53 -0.13	26.15 0.58 -0.22	29.30 0.71 -0.40	29.57 0.71 -0.41	28.77 0.77 -0.36	25.09 0.70 -0.15	22.39 0.59 0.00	21.15 0.54 0.00
FIBERTEK___ENERGY 23856	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.68 0.02 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.77 -0.02 0.00	20.75 -0.04 0.00	21.45 -0.09 0.00	24.12 -0.12 -0.34	25.83 -0.08 -0.56	29.13 -0.08 -1.01	29.41 -0.09 -1.05	28.51 -0.06 -0.93	24.58 -0.05 -0.39	21.82 0.02 0.00	20.72 0.10 0.00
FITZPATRICK____ 23598	18.46 -0.45 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.87 -0.37 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.17 -0.49 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.19 -0.60 0.00	20.19 -0.60 0.00	20.87 -0.67 0.00	20.98 -0.74 2.19	20.92 -0.79 3.64	20.76 -0.87 6.57	20.72 -0.94 6.79	20.76 -0.86 6.02	20.97 -0.70 2.56	21.21 -0.59 0.00	20.20 -0.41 0.00
FLOWRFLD_69_KV_BK1 356044	25.17 2.21 -4.04	19.21 1.92 -0.57	17.64 1.85 0.00	16.05 1.53 0.00	16.73 1.48 0.00	17.74 1.49 0.00	21.43 1.97 0.00	23.09 1.96 0.00	23.87 2.48 0.00	22.21 2.27 0.00	27.15 2.24 -5.25	31.51 2.38 -9.13	32.08 2.45 -9.18	32.40 2.54 -9.07	33.73 2.70 -10.23	35.82 2.89 -11.40	46.60 3.25 -19.44	43.79 3.60 -14.85	42.16 3.95 -10.01	38.22 3.70 -6.08	38.10 3.40 -7.07	36.21 2.71 -9.27	26.36 2.55 -2.00	22.97 2.21 -0.15
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.20 1.29 0.00	17.78 1.07 0.00	16.87 1.07 0.00	15.48 0.96 0.00	16.17 0.92 0.00	17.11 0.86 0.00	20.56 1.09 0.00	22.37 1.25 0.00	22.89 1.50 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.40 1.40 0.00	21.90 1.45 0.00	22.33 1.54 0.00	22.50 1.71 0.00	23.41 1.85 -0.02	25.98 2.13 0.05	27.91 2.38 -0.18	30.71 2.51 0.00	30.95 2.50 0.00	29.96 2.32 0.00	25.98 1.74 0.00	23.26 1.46 0.00	21.83 1.22 0.00
FORT ORANGE____ 23900	19.69 0.78 0.00	17.55 0.84 0.00	16.58 0.79 0.00	15.25 0.73 0.00	15.94 0.69 0.00	16.93 0.68 0.00	20.32 0.86 0.00	21.74 0.61 0.00	21.99 0.60 0.00	20.45 0.52 0.00	20.15 0.49 0.00	20.54 0.54 0.00	20.98 0.53 0.00	21.40 0.60 0.00	21.40 0.60 0.00	22.20 0.65 -0.02	24.60 0.74 0.04	26.42 0.86 -0.21	29.19 0.99 0.00	29.50 1.05 0.00	28.60 0.97 0.00	25.08 0.85 0.00	22.43 0.63 0.00	21.05 0.43 0.00
FORT_DRUM_COGEN 23780	19.08 0.17 0.00	16.83 0.12 0.00	15.90 0.11 0.00	14.66 0.13 0.00	15.39 0.14 0.00	16.55 0.31 0.00	19.84 0.37 0.00	21.66 0.53 0.00	21.78 0.39 0.00	20.28 0.34 0.00	19.89 0.24 0.00	20.22 0.22 0.00	20.72 0.27 0.00	21.06 0.27 0.00	21.00 0.21 0.00	21.67 0.13 0.00	24.20 0.02 -0.28	25.88 0.08 -0.46	29.31 0.28 -0.83	29.96 0.65 -0.86	29.06 0.66 -0.76	25.18 0.63 -0.32	22.26 0.46 0.00	20.99 0.37 0.00
FOX_HILLS___ESR 323835	20.53 1.61 -0.01	17.97 1.25 0.00	17.09 1.30 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.11 0.86 0.00	20.65 1.19 0.00	22.56 1.44 0.00	23.08 1.69 0.00	21.57 1.63 0.00	21.31 1.65 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.77 1.98 0.00	22.96 2.16 0.00	24.31 2.39 -0.38	37.67 2.70 -11.06	34.62 2.99 -6.28	40.82 3.19 -9.43	31.43 2.99 0.00	30.37 2.74 0.00	26.19 1.96 0.00	23.52 1.72 0.00	22.00 1.38 0.00
FPL FAR_ROCK_GT1 24212	25.09 2.14 -4.04	19.11 1.82 -0.57	17.50 1.71 0.00	15.98 1.45 0.00	16.65 1.40 0.00	17.69 1.45 0.00	21.28 1.81 0.00	23.11 1.99 0.00	23.76 2.37 0.00	22.19 2.25 0.00	27.23 2.32 -5.25	31.57 2.44 -9.13	32.14 2.51 -9.18	32.57 2.70 -9.07	33.83 2.81 -10.23	36.00 3.06 -11.40	46.57 3.23 -19.44	43.66 3.47 -14.85	41.96 3.75 -10.01	38.14 3.61 -6.08	38.40 3.70 -7.07	36.53 3.03 -9.27	26.29 2.48 -2.00	22.90 2.14 -0.15



FPL FAR_ROCK_GT2 23815	25.09 2.14 -4.04	19.11 1.82 -0.57	17.50 1.71 0.00	15.98 1.45 0.00	16.65 1.40 0.00	17.69 1.45 0.00	21.28 1.81 0.00	23.11 1.99 0.00	23.76 2.37 0.00	22.19 2.25 0.00	27.23 2.32 -5.25	31.57 2.44 -9.13	32.14 2.51 -9.18	32.57 2.70 -9.07	33.83 2.81 -10.23	36.00 3.06 -11.40	46.57 3.23 -19.44	43.66 3.47 -14.85	41.96 3.75 -10.01	38.14 3.61 -6.08	38.40 3.70 -7.07	36.53 3.03 -9.27	26.29 2.48 -2.00	22.90 2.14 -0.15
FRANKLIN_FALL_HYD 24054	18.25 -0.66 0.01	16.20 -0.52 0.00	15.30 -0.49 0.00	14.10 -0.42 0.00	14.93 -0.32 0.00	15.98 -0.26 0.00	19.04 -0.43 0.00	20.75 -0.38 0.00	20.88 -0.51 0.00	19.30 -0.64 0.00	19.07 -0.59 0.00	19.32 -0.68 0.00	19.76 -0.70 0.00	20.11 -0.69 0.00	20.03 -0.77 0.00	20.68 -0.86 0.00	22.97 -0.93 0.00	24.38 -0.96 0.00	27.69 -0.51 0.00	28.19 -0.26 0.00	27.52 -0.11 0.00	24.30 0.07 0.00	21.76 -0.04 0.00	20.49 -0.12 0.00
FREEPORT_EQUS_GT1 23764	24.85 1.89 -4.04	18.91 1.62 -0.57	17.32 1.53 0.00	15.82 1.29 0.00	16.49 1.23 0.00	17.51 1.27 0.00	21.08 1.61 0.00	22.88 1.75 0.00	23.51 2.12 0.00	21.93 1.99 0.00	26.94 2.03 -5.25	31.23 2.10 -9.13	31.79 2.17 -9.18	32.21 2.35 -9.07	33.45 2.43 -10.23	35.61 2.67 -11.40	46.33 2.99 -19.44	43.41 3.22 -14.85	41.68 3.47 -10.01	37.85 3.33 -6.08	37.88 3.18 -7.07	36.09 2.59 -9.27	26.01 2.20 -2.00	22.62 1.86 -0.15
FREEPORT___CT2 23818	24.85 1.89 -4.04	18.91 1.62 -0.57	17.32 1.53 0.00	15.82 1.29 0.00	16.49 1.23 0.00	17.51 1.27 0.00	21.08 1.61 0.00	22.88 1.75 0.00	23.51 2.12 0.00	21.93 1.99 0.00	26.94 2.03 -5.25	31.23 2.10 -9.13	31.79 2.17 -9.18	32.21 2.35 -9.07	33.45 2.43 -10.23	35.61 2.67 -11.40	46.33 2.99 -19.44	43.41 3.22 -14.85	41.68 3.47 -10.01	37.85 3.33 -6.08	37.88 3.18 -7.07	36.09 2.59 -9.27	26.01 2.20 -2.00	22.62 1.86 -0.15
FRESHKLS_33_KV_LOAD 356253	20.57 1.65 -0.01	17.97 1.25 0.00	17.09 1.30 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.09 0.84 0.00	20.61 1.15 0.00	22.52 1.39 0.00	23.02 1.63 0.00	21.51 1.57 0.00	21.27 1.61 0.00	21.70 1.70 0.00	22.25 1.80 0.00	22.73 1.93 0.00	22.94 2.14 0.00	24.27 2.35 -0.38	37.62 2.65 -11.06	34.59 2.97 -6.28	40.79 3.16 -9.43	31.43 2.99 0.00	30.34 2.71 0.00	26.17 1.94 0.00	23.52 1.72 0.00	22.00 1.38 0.00
FULTON COGEN____ 23766	18.69 -0.23 0.00	16.50 -0.22 0.00	15.59 -0.21 0.00	14.34 -0.19 0.00	15.04 -0.21 0.00	16.07 -0.18 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.15 -0.24 0.00	19.76 -0.18 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.57 -0.23 0.00	20.52 -0.27 0.00	21.21 -0.32 0.00	24.15 -0.38 -0.63	26.04 -0.35 -1.05	29.71 -0.39 -1.90	30.01 -0.40 -1.96	29.04 -0.33 -1.74	24.66 -0.32 -0.74	21.58 -0.22 0.00	20.51 -0.10 0.00
FULTON___LFGE 323630	20.62 1.70 0.00	18.19 1.47 0.00	17.09 1.30 0.00	15.73 1.20 0.00	16.50 1.25 0.00	17.67 1.43 0.00	21.34 1.87 0.00	23.16 2.03 0.00	23.21 1.82 0.00	21.31 1.37 0.00	20.95 1.30 0.00	21.32 1.32 0.00	21.64 1.19 0.00	22.08 1.29 0.00	22.00 1.21 0.00	23.08 1.53 -0.02	25.44 1.58 0.04	27.98 2.43 -0.20	31.50 3.30 0.00	31.97 3.53 0.00	31.03 3.40 0.00	27.11 2.88 0.00	24.18 2.38 0.00	22.59 1.98 0.00
G.F.CEMENT___DRP 24184	20.28 1.36 0.00	17.90 1.19 0.00	16.90 1.11 0.00	15.54 1.02 0.00	16.27 1.02 0.00	17.30 1.06 0.00	20.87 1.40 0.00	22.59 1.46 0.00	22.89 1.50 0.00	21.27 1.34 0.00	20.99 1.34 0.00	21.38 1.38 0.00	21.80 1.35 0.00	22.17 1.37 0.00	22.17 1.37 0.00	23.04 1.49 -0.02	25.58 1.72 0.04	27.40 1.85 -0.21	30.34 2.14 0.00	30.46 2.02 0.00	29.73 2.10 0.00	25.98 1.74 0.00	23.35 1.55 0.00	21.91 1.30 0.00
GARDENVILLE___LBMP 24039	18.14 -0.78 0.00	16.13 -0.59 0.00	15.24 -0.55 0.00	14.05 -0.48 0.00	14.70 -0.55 0.00	15.89 -0.36 0.00	19.10 -0.37 0.00	20.83 -0.30 0.00	20.98 -0.41 0.00	19.64 -0.30 0.00	19.34 -0.31 0.00	19.66 -0.34 0.00	20.12 -0.33 0.00	20.19 -0.60 0.00	20.52 -0.27 0.00	21.11 -0.43 0.00	23.33 -0.57 0.00	24.76 -0.58 0.00	27.36 -0.85 0.00	27.36 -1.08 0.00	27.00 -0.64 0.00	23.92 -0.32 0.00	21.84 0.04 0.00	20.76 0.14 0.00
GARDNVLA_35_KV_LD 355827	18.23 -0.68 0.00	16.20 -0.52 0.00	15.30 -0.49 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	15.97 -0.28 0.00	19.17 -0.29 0.00	20.92 -0.21 0.00	21.07 -0.32 0.00	19.72 -0.22 0.00	19.44 -0.22 0.00	19.76 -0.24 0.00	20.23 -0.22 0.00	20.30 -0.50 0.00	20.63 -0.17 0.00	21.21 -0.32 0.00	23.45 -0.45 0.00	24.89 -0.46 0.00	27.47 -0.73 0.00	27.48 -0.97 0.00	27.11 -0.53 0.00	24.04 -0.19 0.00	21.95 0.15 0.00	20.86 0.25 0.00
GELCKHM___115KV_LOAD 80723	18.75 -0.17 0.00	16.55 -0.17 0.00	15.63 -0.16 0.00	14.38 -0.15 0.00	15.08 -0.17 0.00	16.13 -0.11 0.00	19.35 -0.12 0.00	21.02 -0.11 0.00	21.24 -0.15 0.00	19.84 -0.10 0.00	19.56 -0.10 0.00	19.88 -0.12 0.00	20.33 -0.12 0.00	20.65 -0.15 0.00	20.63 -0.17 0.00	21.32 -0.22 0.00	23.86 -0.26 -0.22	25.45 -0.25 -0.36	28.57 -0.28 -0.65	28.80 -0.31 -0.67	27.98 -0.25 -0.59	24.27 -0.22 -0.25	21.67 -0.13 0.00	20.57 -0.04 0.00
GENERAL___MILLS 23808	18.20 -0.72 0.00	16.16 -0.55 0.00	15.29 -0.51 0.00	14.09 -0.44 0.00	14.75 -0.50 0.00	15.94 -0.31 0.00	19.14 -0.33 0.00	20.89 -0.23 0.00	21.05 -0.34 0.00	19.70 -0.24 0.00	19.40 -0.26 0.00	19.72 -0.28 0.00	20.19 -0.27 0.00	20.25 -0.54 0.00	20.59 -0.21 0.00	21.15 -0.39 0.00	23.40 -0.50 0.00	24.84 -0.51 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	27.08 -0.55 0.00	23.99 -0.24 0.00	21.91 0.11 0.00	20.82 0.21 0.00
GE_PLASTICS___DRP 24183	19.63 0.72 0.00	17.35 0.64 0.00	16.42 0.63 0.00	15.11 0.58 0.00	15.79 0.53 0.00	16.76 0.52 0.00	20.13 0.66 0.00	21.66 0.53 0.00	21.92 0.53 0.00	20.41 0.48 0.00	20.13 0.47 0.00	20.50 0.50 0.00	20.96 0.51 0.00	21.34 0.54 0.00	21.36 0.56 0.00	22.16 0.60 -0.02	24.51 0.65 0.04	26.34 0.79 -0.21	29.05 0.85 0.00	29.30 0.85 0.00	28.41 0.77 0.00	24.84 0.61 0.00	22.30 0.50 0.00	20.99 0.37 0.00
GILBOA___1 23756	19.50 0.59 0.00	17.25 0.53 0.00	16.31 0.52 0.00	14.99 0.46 0.00	15.68 0.43 0.00	16.68 0.44 0.00	20.01 0.54 0.00	21.72 0.59 0.00	22.01 0.62 0.00	20.51 0.58 0.00	20.23 0.57 0.00	20.60 0.60 0.00	21.06 0.61 0.00	21.48 0.69 0.00	21.48 0.69 0.00	22.29 0.75 0.00	24.76 0.88 0.03	26.31 0.96 0.00	29.25 1.04 0.00	29.44 1.00 0.00	28.54 0.91 0.00	24.98 0.75 0.00	22.39 0.59 0.00	21.07 0.45 0.00
GILBOA___2 23757	19.50 0.59 0.00	17.25 0.53 0.00	16.31 0.52 0.00	14.99 0.46 0.00	15.68 0.43 0.00	16.68 0.44 0.00	20.01 0.54 0.00	21.72 0.59 0.00	22.01 0.62 0.00	20.51 0.58 0.00	20.23 0.57 0.00	20.60 0.60 0.00	21.06 0.61 0.00	21.48 0.69 0.00	21.48 0.69 0.00	22.29 0.75 0.00	24.76 0.88 0.03	26.31 0.96 0.00	29.25 1.04 0.00	29.44 1.00 0.00	28.54 0.91 0.00	24.98 0.75 0.00	22.39 0.59 0.00	21.07 0.45 0.00

GILBOA___3 23758	19.50 0.59 0.00	17.25 0.53 0.00	16.31 0.52 0.00	14.99 0.46 0.00	15.68 0.43 0.00	16.68 0.44 0.00	20.01 0.54 0.00	21.72 0.59 0.00	22.01 0.62 0.00	20.51 0.58 0.00	20.23 0.57 0.00	20.60 0.60 0.00	21.06 0.61 0.00	21.48 0.69 0.00	21.48 0.69 0.00	22.29 0.75 0.00	24.76 0.88 0.03	26.31 0.96 0.00	29.25 1.04 0.00	29.44 1.00 0.00	28.54 0.91 0.00	24.98 0.75 0.00	22.39 0.59 0.00	21.07 0.45 0.00
GILBOA___4 23759	19.50 0.59 0.00	17.25 0.53 0.00	16.31 0.52 0.00	14.99 0.46 0.00	15.68 0.43 0.00	16.68 0.44 0.00	20.01 0.54 0.00	21.72 0.59 0.00	22.01 0.62 0.00	20.51 0.58 0.00	20.23 0.57 0.00	20.60 0.60 0.00	21.06 0.61 0.00	21.48 0.69 0.00	21.48 0.69 0.00	22.29 0.75 0.00	24.76 0.88 0.03	26.31 0.96 0.00	29.25 1.04 0.00	29.44 1.00 0.00	28.54 0.91 0.00	24.98 0.75 0.00	22.39 0.59 0.00	21.07 0.45 0.00
GILBOA___ 23599	19.50 0.59 0.00	17.23 0.52 0.00	16.31 0.52 0.00	14.99 0.46 0.00	15.68 0.43 0.00	16.67 0.42 0.00	20.01 0.55 0.00	21.72 0.59 0.00	22.01 0.62 0.00	20.51 0.58 0.00	20.23 0.57 0.00	20.60 0.60 0.00	21.07 0.61 0.00	21.44 0.64 0.00	21.48 0.69 0.00	22.27 0.73 0.00	24.69 0.81 0.03	26.28 0.94 0.00	29.19 0.99 0.00	29.41 0.97 0.00	28.52 0.88 0.00	24.89 0.65 0.00	22.37 0.57 0.00	21.07 0.45 0.00
GINNA___ 23603	17.69 -1.23 0.00	15.58 -1.14 0.00	14.70 -1.09 0.00	13.55 -0.97 0.00	14.21 -1.04 0.00	15.27 -0.97 0.00	18.32 -1.15 0.00	20.03 -1.10 0.00	20.21 -1.18 0.00	18.88 -1.06 0.00	18.63 -1.02 0.00	18.92 -1.08 0.00	19.39 -1.06 0.00	19.67 -1.12 0.00	19.67 -1.12 0.00	20.27 -1.27 0.00	22.49 -1.41 0.00	23.80 -1.55 0.00	26.40 -1.81 0.00	26.48 -1.96 0.00	25.89 -1.74 0.00	22.92 -1.31 0.00	20.73 -1.07 0.00	19.65 -0.97 0.00
GLEN PARK___ 23778	19.22 0.30 0.00	16.90 0.18 0.00	15.97 0.17 0.00	14.73 0.20 0.00	15.47 0.21 0.00	16.62 0.37 0.00	19.95 0.49 0.00	21.78 0.66 0.00	21.86 0.47 0.00	20.37 0.44 0.00	19.97 0.31 0.00	20.30 0.30 0.00	20.80 0.35 0.00	21.11 0.31 0.00	21.06 0.27 0.00	21.73 0.19 0.00	24.29 0.10 -0.29	26.01 0.18 -0.48	29.52 0.45 -0.87	30.06 0.71 -0.90	29.29 0.86 -0.80	25.40 0.82 -0.34	22.39 0.59 0.00	21.13 0.52 0.00
GLENDALE_27_KV_LOAD 356172	20.53 1.61 -0.01	18.00 1.29 0.00	17.12 1.33 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.22 0.97 0.00	20.79 1.32 0.00	22.73 1.61 0.00	23.27 1.88 0.00	21.73 1.79 0.00	21.47 1.81 0.00	21.90 1.90 0.00	22.41 1.96 0.00	22.89 2.10 0.00	23.06 2.27 0.00	24.38 2.52 -0.33	29.07 2.82 -2.35	32.61 3.14 -4.12	31.53 3.33 0.00	31.55 3.10 0.00	30.45 2.82 0.00	26.27 2.04 0.00	23.59 1.79 0.00	22.06 1.44 0.00
GLENWOOD_IC_1_G5 23712	24.60 1.65 -4.04	18.68 1.39 -0.57	17.15 1.36 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.69 1.56 0.00	23.32 1.93 0.00	21.75 1.81 0.00	26.78 1.87 -5.25	31.07 1.94 -9.13	31.65 2.02 -9.18	31.98 2.12 -9.07	33.31 2.29 -10.23	35.44 2.50 -11.40	46.14 2.80 -19.44	43.28 3.09 -14.85	41.40 3.19 -10.01	37.65 3.13 -6.08	37.57 2.87 -7.07	35.68 2.18 -9.27	25.72 1.92 -2.00	22.37 1.61 -0.15
GLENWOOD_IC_2_G1 23688	24.49 1.53 -4.04	18.59 1.30 -0.57	17.07 1.28 0.00	15.63 1.10 0.00	16.30 1.05 0.00	17.28 1.04 0.00	20.79 1.32 0.00	22.63 1.50 0.00	23.19 1.80 0.00	21.63 1.69 0.00	26.64 1.73 -5.25	30.95 1.82 -9.13	31.49 1.86 -9.18	31.90 2.04 -9.07	33.16 2.14 -10.23	35.29 2.35 -11.40	46.07 2.72 -19.44	43.10 2.91 -14.85	41.34 3.13 -10.01	37.51 2.99 -6.08	37.46 2.76 -7.07	35.71 2.20 -9.27	25.57 1.77 -2.00	22.22 1.46 -0.15
GLENWOOD_IC_3_G1 23689	24.49 1.53 -4.04	18.59 1.30 -0.57	17.07 1.28 0.00	15.63 1.10 0.00	16.30 1.05 0.00	17.28 1.04 0.00	20.79 1.32 0.00	22.63 1.50 0.00	23.19 1.80 0.00	21.63 1.69 0.00	26.64 1.73 -5.25	30.95 1.82 -9.13	31.49 1.86 -9.18	31.90 2.04 -9.07	33.16 2.14 -10.23	35.29 2.35 -11.40	46.07 2.72 -19.44	43.10 2.91 -14.85	41.34 3.13 -10.01	37.51 2.99 -6.08	37.46 2.76 -7.07	35.71 2.20 -9.27	25.57 1.77 -2.00	22.22 1.46 -0.15
GLENWOOD___4 23550	24.60 1.65 -4.04	18.68 1.39 -0.57	17.15 1.36 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.69 1.56 0.00	23.32 1.93 0.00	21.75 1.81 0.00	26.78 1.87 -5.25	31.07 1.94 -9.13	31.65 2.02 -9.18	31.98 2.12 -9.07	33.31 2.29 -10.23	35.44 2.50 -11.40	46.14 2.80 -19.44	43.28 3.09 -14.85	41.45 3.24 -10.01	37.65 3.13 -6.08	37.57 2.87 -7.07	35.68 2.18 -9.27	25.72 1.92 -2.00	22.37 1.61 -0.15
GLENWOOD___5 23614	24.60 1.65 -4.04	18.68 1.39 -0.57	17.15 1.36 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.69 1.56 0.00	23.32 1.93 0.00	21.75 1.81 0.00	26.78 1.87 -5.25	31.07 1.94 -9.13	31.65 2.02 -9.18	31.98 2.12 -9.07	33.31 2.29 -10.23	35.44 2.50 -11.40	46.14 2.80 -19.44	43.28 3.09 -14.85	41.45 3.24 -10.01	37.65 3.13 -6.08	37.57 2.87 -7.07	35.68 2.18 -9.27	25.72 1.92 -2.00	22.37 1.61 -0.15
GLOBAL GREEN_PORT_GT1 23814	25.79 2.84 -4.04	19.85 2.56 -0.57	18.21 2.42 0.00	16.50 1.98 0.00	17.19 1.94 0.00	18.27 2.03 0.00	22.02 2.55 0.00	23.70 2.58 0.00	24.54 3.15 0.00	22.83 2.89 0.00	27.78 2.87 -5.25	32.25 3.12 -9.13	32.82 3.19 -9.18	33.25 3.39 -9.07	34.51 3.49 -10.23	36.75 3.81 -11.40	47.72 4.37 -19.44	44.93 4.74 -14.85	43.40 5.19 -10.01	39.50 4.98 -6.08	39.21 4.51 -7.07	37.38 3.88 -9.27	26.99 3.18 -2.00	23.54 2.78 -0.15
GLOBE___DSASP 323697	17.50 -1.42 0.00	15.58 -1.14 0.00	14.72 -1.07 0.00	13.57 -0.96 0.00	14.20 -1.05 0.00	15.38 -0.86 0.00	18.42 -1.05 0.00	20.05 -1.08 0.00	20.19 -1.20 0.00	18.90 -1.04 0.00	18.62 -1.04 0.00	18.92 -1.08 0.00	19.37 -1.08 0.00	19.38 -1.41 0.00	19.71 -1.08 0.00	20.29 -1.25 0.00	22.42 -1.48 0.00	23.77 -1.57 0.00	26.20 -2.00 0.00	26.20 -2.25 0.00	25.87 -1.77 0.00	22.97 -1.26 0.00	20.99 -0.81 0.00	19.96 -0.66 0.00
GOETHSLN___LBMP 323567	20.30 1.38 0.00	17.84 1.12 0.00	16.95 1.15 0.00	15.56 1.03 0.00	16.21 0.96 0.00	17.12 0.88 0.00	20.65 1.19 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.23 1.78 0.00	22.69 1.89 0.00	22.85 2.06 0.00	24.19 2.33 -0.33	27.40 2.58 -0.91	31.98 2.86 -3.77	31.22 3.02 0.00	31.26 2.82 0.00	30.18 2.54 0.00	26.07 1.84 0.00	23.41 1.61 0.00	21.89 1.28 0.00
GOLAH___69_KV_TB 1_2 80279	18.35 -0.57 0.00	16.26 -0.45 0.00	15.35 -0.44 0.00	14.15 -0.38 0.00	14.84 -0.41 0.00	15.95 -0.29 0.00	19.19 -0.27 0.00	20.96 -0.17 0.00	21.13 -0.26 0.00	19.76 -0.18 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.27 -0.18 0.00	20.38 -0.42 0.00	20.54 -0.25 0.00	21.17 -0.37 0.00	23.47 -0.43 0.00	24.91 -0.43 0.00	27.52 -0.68 0.00	27.62 -0.82 0.00	27.11 -0.53 0.00	23.97 -0.27 0.00	21.78 -0.02 0.00	20.68 0.06 0.00

GOODYEAR_LAKE_HYD 323669	19.62 0.70 0.00	17.28 0.57 0.00	16.33 0.54 0.00	15.02 0.49 0.00	15.74 0.49 0.00	16.81 0.57 0.00	20.23 0.76 0.00	22.08 0.95 0.00	22.37 0.98 0.00	20.87 0.94 0.00	20.54 0.88 0.00	20.90 0.90 0.00	21.39 0.94 0.00	21.77 0.98 0.00	21.83 1.04 0.00	22.64 1.10 0.00	25.15 1.22 -0.02	26.69 1.34 0.00	29.64 1.44 0.00	29.92 1.48 0.00	29.04 1.41 0.00	25.35 1.11 0.00	22.72 0.92 0.00	21.38 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.03 0.11 0.00	16.82 0.10 0.00	15.90 0.11 0.00	14.63 0.10 0.00	15.31 0.06 0.00	16.39 0.15 0.00	19.70 0.23 0.00	21.42 0.30 0.00	21.67 0.28 0.00	20.22 0.28 0.00	19.91 0.26 0.00	20.24 0.24 0.00	20.72 0.27 0.00	21.00 0.21 0.00	21.09 0.29 0.00	21.82 0.28 0.00	24.31 0.29 -0.12	25.93 0.38 -0.20	28.93 0.37 -0.37	29.17 0.34 -0.38	28.38 0.41 -0.34	24.71 0.34 -0.14	22.19 0.39 0.00	20.99 0.37 0.00
GOUDEY___7 23579	19.05 0.13 0.00	16.83 0.12 0.00	15.90 0.11 0.00	14.63 0.10 0.00	15.33 0.08 0.00	16.39 0.15 0.00	19.72 0.25 0.00	21.44 0.32 0.00	21.69 0.30 0.00	20.24 0.30 0.00	19.93 0.28 0.00	20.26 0.26 0.00	20.74 0.29 0.00	21.02 0.23 0.00	21.11 0.31 0.00	21.84 0.30 0.00	24.36 0.33 -0.12	25.95 0.41 -0.20	28.96 0.39 -0.37	29.19 0.37 -0.38	28.41 0.44 -0.34	24.74 0.36 -0.14	22.21 0.41 0.00	21.01 0.39 0.00
GOUDEY___8 23580	19.03 0.11 0.00	16.82 0.10 0.00	15.90 0.11 0.00	14.63 0.10 0.00	15.31 0.06 0.00	16.39 0.15 0.00	19.70 0.23 0.00	21.42 0.30 0.00	21.67 0.28 0.00	20.22 0.28 0.00	19.91 0.26 0.00	20.24 0.24 0.00	20.72 0.27 0.00	21.00 0.21 0.00	21.09 0.29 0.00	21.82 0.28 0.00	24.31 0.29 -0.12	25.93 0.38 -0.20	28.93 0.37 -0.37	29.17 0.34 -0.38	28.38 0.41 -0.34	24.71 0.34 -0.14	22.19 0.39 0.00	20.99 0.37 0.00
GOWANUS_GT1_1 24077	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_2 24078	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_3 24079	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_4 24080	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_5 24084	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_6 24111	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_7 24112	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT1_8 24113	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_1 24114	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_2 24115	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_3 24116	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00

GOWANUS_GT2_4 24117	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_5 24118	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_6 24119	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_7 24120	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT2_8 24121	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_1 24122	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_2 24123	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_3 24124	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_4 24125	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_5 24126	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_6 24127	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_7 24128	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT3_8 24129	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_1 24130	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_2 24131	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00

GOWANUS_GT4_3 24132	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_4 24133	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_5 24134	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_6 24135	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_7 24136	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GOWANUS_GT4_8 24137	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GREENBSH_115KV_TB3 55895	19.73 0.81 0.00	17.47 0.75 0.00	16.53 0.74 0.00	15.21 0.68 0.00	15.88 0.63 0.00	16.85 0.60 0.00	20.23 0.76 0.00	21.66 0.53 0.00	21.90 0.51 0.00	20.39 0.46 0.00	20.13 0.47 0.00	20.50 0.50 0.00	20.94 0.49 0.00	21.34 0.54 0.00	21.36 0.56 0.00	22.14 0.58 -0.02	24.46 0.60 0.04	26.32 0.76 -0.22	29.02 0.82 0.00	29.30 0.85 0.00	28.38 0.75 0.00	24.84 0.61 0.00	22.32 0.52 0.00	20.97 0.35 0.00
GREENIDGE_115KV_TB5 80291	18.76 -0.15 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.13 -0.12 0.00	16.28 0.03 0.00	19.64 0.18 0.00	21.42 0.30 0.00	21.56 0.17 0.00	20.14 0.20 0.00	19.81 0.16 0.00	20.12 0.12 0.00	20.59 0.14 0.00	20.82 0.02 0.00	20.94 0.15 0.00	21.60 0.06 0.00	24.07 0.07 -0.09	25.68 0.18 -0.15	28.68 0.20 -0.28	28.87 0.14 -0.29	28.25 0.36 -0.25	24.70 0.36 -0.11	22.26 0.46 0.00	21.03 0.41 0.00
GREENIDGE___3 23582	18.76 -0.15 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.13 -0.12 0.00	16.28 0.03 0.00	19.64 0.18 0.00	21.42 0.30 0.00	21.56 0.17 0.00	20.14 0.20 0.00	19.81 0.16 0.00	20.12 0.12 0.00	20.59 0.14 0.00	20.82 0.02 0.00	20.94 0.15 0.00	21.60 0.06 0.00	24.07 0.07 -0.09	25.68 0.18 -0.15	28.68 0.20 -0.28	28.87 0.14 -0.29	28.25 0.36 -0.25	24.70 0.36 -0.11	22.26 0.46 0.00	21.03 0.41 0.00
GREENIDGE___4 23583	18.84 -0.08 0.00	16.60 -0.12 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.13 -0.12 0.00	16.33 0.08 0.00	19.64 0.17 0.00	21.42 0.30 0.00	21.58 0.19 0.00	20.14 0.20 0.00	19.81 0.16 0.00	20.12 0.12 0.00	20.60 0.14 0.00	20.96 0.17 0.00	20.94 0.15 0.00	21.56 0.02 0.00	24.07 0.07 -0.09	25.60 0.10 -0.15	28.62 0.14 -0.28	28.73 0.00 -0.29	28.08 0.19 -0.25	24.73 0.39 -0.11	22.26 0.46 0.00	21.03 0.41 0.00
GREENLWN_69_KV_BK 3 55738	24.77 1.82 -4.04	18.83 1.54 -0.57	17.28 1.48 0.00	15.78 1.25 0.00	16.44 1.19 0.00	17.41 1.17 0.00	21.02 1.56 0.00	22.73 1.61 0.00	23.46 2.07 0.00	21.87 1.93 0.00	26.88 1.97 -5.25	31.07 1.94 -9.13	31.61 1.98 -9.18	31.92 2.06 -9.07	33.23 2.20 -10.23	35.35 2.41 -11.40	46.07 2.73 -19.44	43.21 3.02 -14.85	41.45 3.24 -10.01	37.57 3.04 -6.08	37.49 2.79 -7.07	35.61 2.11 -9.27	25.92 2.11 -2.00	22.55 1.79 -0.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00
GRISSOM___SOLAR 323813	20.62 1.70 0.00	18.19 1.47 0.00	17.09 1.30 0.00	15.73 1.20 0.00	16.50 1.25 0.00	17.67 1.43 0.00	21.34 1.87 0.00	23.16 2.03 0.00	23.21 1.82 0.00	21.31 1.37 0.00	20.95 1.30 0.00	21.32 1.32 0.00	21.64 1.19 0.00	22.08 1.29 0.00	22.00 1.21 0.00	23.08 1.53 -0.02	25.44 1.58 0.04	27.98 2.43 -0.20	31.50 3.30 0.00	31.97 3.53 0.00	31.03 3.40 0.00	27.11 2.88 0.00	24.18 2.38 0.00	22.59 1.98 0.00
GROVEVILLE___HYD 323602	20.20 1.29 0.00	17.78 1.07 0.00	16.87 1.07 0.00	15.48 0.96 0.00	16.17 0.92 0.00	17.11 0.86 0.00	20.56 1.09 0.00	22.37 1.25 0.00	22.89 1.50 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.40 1.40 0.00	21.90 1.45 0.00	22.33 1.54 0.00	22.50 1.71 0.00	23.41 1.85 -0.02	25.98 2.13 0.05	27.91 2.38 -0.18	30.71 2.51 0.00	30.95 2.50 0.00	29.96 2.32 0.00	25.98 1.74 0.00	23.26 1.46 0.00	21.83 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.68 0.02 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.77 -0.02 0.00	20.75 -0.04 0.00	21.45 -0.09 0.00	24.12 -0.12 -0.34	25.83 -0.08 -0.56	29.13 -0.08 -1.01	29.41 -0.09 -1.05	28.51 -0.06 -0.93	24.58 -0.05 -0.39	21.82 0.02 0.00	20.72 0.10 0.00

HAMLTNNY_34_KV_TB 80303	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.24 0.00 0.00	19.51 0.04 0.00	21.23 0.11 0.00	21.43 0.04 0.00	20.02 0.08 0.00	19.72 0.06 0.00	20.06 0.06 0.00	20.49 0.04 0.00	20.82 0.02 0.00	20.79 0.00 0.00	21.49 -0.04 0.00	24.20 -0.05 -0.35	25.89 -0.03 -0.58	29.21 -0.03 -1.04	29.46 -0.06 -1.07	28.61 0.03 -0.95	24.66 0.02 -0.40	21.91 0.11 0.00	20.76 0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	18.66 -0.25 0.00	16.48 -0.23 0.00	15.70 -0.09 0.00	14.47 -0.06 0.00	15.24 -0.02 0.00	16.21 -0.03 0.00	19.39 -0.08 0.00	21.13 0.00 0.00	21.28 -0.11 0.00	19.80 -0.14 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.59 -0.21 0.00	20.50 -0.29 0.00	21.11 -0.43 0.00	23.42 -0.60 -0.11	24.95 -0.58 -0.19	28.06 -0.48 -0.34	28.51 -0.28 -0.35	27.72 -0.22 -0.31	24.34 -0.02 -0.13	21.80 0.00 0.00	20.55 -0.06 0.00
HARDSCRABBLE_WT_PWR 323673	19.01 0.10 0.00	16.85 0.13 0.00	15.97 0.17 0.00	14.71 0.19 0.00	15.47 0.21 0.00	16.54 0.29 0.00	19.84 0.37 0.00	21.55 0.42 0.00	21.78 0.39 0.00	20.27 0.34 0.00	19.91 0.25 0.00	20.14 0.14 0.00	20.49 0.04 0.00	20.77 -0.02 0.00	20.71 -0.08 0.00	21.43 -0.11 0.00	23.74 -0.17 0.00	25.19 -0.15 0.00	28.06 -0.14 0.00	28.36 -0.09 0.00	27.63 0.00 0.00	24.26 0.02 0.00	21.84 0.04 0.00	20.70 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.11 1.19 0.00	17.68 0.97 0.00	16.79 0.99 0.00	15.40 0.87 0.00	16.08 0.82 0.00	17.01 0.76 0.00	20.48 1.01 0.00	22.29 1.16 0.00	22.80 1.41 0.00	21.23 1.30 0.00	20.95 1.30 0.00	21.34 1.34 0.00	21.86 1.41 0.00	22.29 1.50 0.00	22.46 1.66 0.00	23.29 1.81 0.06	26.30 2.08 -0.32	26.96 2.31 0.69	30.63 2.43 0.00	30.81 2.36 0.00	29.82 2.18 0.00	25.86 1.62 0.00	23.15 1.35 0.00	21.73 1.11 0.00
HARSNRAD_115KV_TB1 81005	17.95 -0.96 0.00	15.96 -0.75 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.57 -0.69 0.00	15.74 -0.50 0.00	18.86 -0.60 0.00	20.58 -0.55 0.00	20.73 -0.66 0.00	19.40 -0.54 0.00	19.11 -0.55 0.00	19.40 -0.60 0.00	19.88 -0.57 0.00	19.90 -0.89 0.00	20.25 -0.54 0.00	20.83 -0.71 0.00	23.02 -0.88 0.00	24.43 -0.91 0.00	26.93 -1.27 0.00	26.94 -1.51 0.00	26.61 -1.02 0.00	23.60 -0.63 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
HARZA MOOSE___RIVER 24016	19.27 0.36 0.00	17.02 0.30 0.00	16.08 0.28 0.00	14.80 0.28 0.00	15.54 0.29 0.00	16.65 0.41 0.00	19.97 0.51 0.00	21.76 0.63 0.00	21.92 0.53 0.00	20.43 0.50 0.00	20.07 0.41 0.00	20.40 0.40 0.00	20.90 0.45 0.00	21.25 0.46 0.00	21.23 0.44 0.00	21.95 0.41 0.00	24.43 0.43 -0.09	26.00 0.51 -0.15	29.13 0.65 -0.28	29.58 0.85 -0.29	28.72 0.83 -0.25	25.09 0.75 -0.11	22.39 0.59 0.00	21.11 0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.76 -0.15 0.00	16.56 -0.15 0.00	15.65 -0.14 0.00	14.40 -0.13 0.00	15.10 -0.15 0.00	16.13 -0.11 0.00	19.37 -0.10 0.00	21.04 -0.08 0.00	21.26 -0.13 0.00	19.86 -0.08 0.00	19.58 -0.08 0.00	19.92 -0.08 0.00	20.35 -0.10 0.00	20.67 -0.12 0.00	20.65 -0.15 0.00	21.34 -0.19 0.00	23.84 -0.24 -0.17	25.43 -0.20 -0.29	28.47 -0.25 -0.52	28.70 -0.28 -0.54	27.89 -0.22 -0.48	24.22 -0.22 -0.20	21.69 -0.11 0.00	20.59 -0.02 0.00
HELLGATE_13_KV_LD 55870	20.46 1.53 -0.01	17.95 1.24 0.00	17.06 1.26 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.37 1.71 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.96 2.16 0.00	24.25 2.39 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.36 3.16 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.46 1.53 -0.01	17.95 1.24 0.00	17.06 1.26 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.15 0.91 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.37 1.71 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.96 2.16 0.00	24.25 2.39 -0.33	28.93 2.68 -2.34	32.43 2.97 -4.12	31.36 3.16 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
HEMPSTEAD____ 23647	24.64 1.68 -4.04	18.74 1.45 -0.57	17.18 1.39 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.36 1.12 0.00	20.91 1.44 0.00	22.71 1.59 0.00	23.32 1.93 0.00	21.75 1.81 0.00	26.76 1.85 -5.25	31.05 1.92 -9.13	31.61 1.98 -9.18	32.01 2.14 -9.07	33.27 2.25 -10.23	35.39 2.45 -11.40	46.19 2.84 -19.44	43.23 3.04 -14.85	41.48 3.27 -10.01	37.65 3.13 -6.08	37.60 2.90 -7.07	35.85 2.35 -9.27	25.77 1.96 -2.00	22.39 1.63 -0.15
HEWLETT_69_KV_BK3 55828	25.15 2.19 -4.04	19.13 1.84 -0.57	17.55 1.75 0.00	16.02 1.50 0.00	16.70 1.45 0.00	17.69 1.45 0.00	21.34 1.87 0.00	23.11 1.99 0.00	23.85 2.46 0.00	22.25 2.31 0.00	27.29 2.38 -5.25	31.65 2.52 -9.13	32.23 2.60 -9.18	32.59 2.72 -9.07	33.91 2.89 -10.23	36.08 3.14 -11.40	46.60 3.25 -19.44	43.76 3.57 -14.85	42.10 3.89 -10.01	38.19 3.67 -6.08	38.46 3.76 -7.07	36.46 2.96 -9.27	26.36 2.55 -2.00	22.97 2.21 -0.15
HICKLING___1 23621	18.67 -0.25 0.00	16.53 -0.18 0.00	15.62 -0.17 0.00	14.38 -0.15 0.00	15.05 -0.20 0.00	16.23 -0.02 0.00	19.56 0.10 0.00	21.30 0.17 0.00	21.48 0.09 0.00	20.06 0.12 0.00	19.74 0.08 0.00	20.06 0.06 0.00	20.51 0.06 0.00	20.71 -0.08 0.00	20.90 0.10 0.00	21.56 0.02 0.00	23.99 0.00 -0.09	25.59 0.10 -0.15	28.53 0.06 -0.27	28.70 -0.03 -0.28	28.10 0.22 -0.25	24.60 0.27 -0.11	22.24 0.44 0.00	21.05 0.43 0.00
HICKLING___2 23622	18.67 -0.25 0.00	16.53 -0.18 0.00	15.62 -0.17 0.00	14.38 -0.15 0.00	15.05 -0.20 0.00	16.23 -0.02 0.00	19.56 0.10 0.00	21.30 0.17 0.00	21.48 0.09 0.00	20.06 0.12 0.00	19.74 0.08 0.00	20.06 0.06 0.00	20.51 0.06 0.00	20.71 -0.08 0.00	20.90 0.10 0.00	21.56 0.02 0.00	23.99 0.00 -0.09	25.59 0.10 -0.15	28.53 0.06 -0.27	28.70 -0.03 -0.28	28.10 0.22 -0.25	24.60 0.27 -0.11	22.24 0.44 0.00	21.05 0.43 0.00
HIGH FALLS___HY 23754	20.03 1.12 0.00	17.58 0.87 0.00	16.69 0.90 0.00	15.31 0.78 0.00	15.98 0.73 0.00	16.93 0.68 0.00	20.34 0.88 0.00	22.25 1.12 0.00	22.89 1.50 0.00	21.31 1.38 0.00	21.01 1.36 0.00	21.40 1.40 0.00	21.94 1.49 0.00	22.37 1.58 0.00	22.58 1.79 0.00	23.50 1.96 0.00	26.20 2.29 0.00	27.88 2.53 0.00	30.88 2.68 0.00	31.09 2.65 0.00	30.09 2.46 0.00	26.00 1.77 0.00	23.26 1.46 0.00	21.83 1.22 0.00
HIGH_RIVER___SOLAR 323847	19.69 0.78 0.00	17.38 0.67 0.00	16.44 0.65 0.00	15.12 0.60 0.00	15.83 0.58 0.00	16.83 0.58 0.00	20.25 0.78 0.00	21.95 0.82 0.00	22.20 0.81 0.00	20.65 0.72 0.00	20.37 0.71 0.00	20.74 0.74 0.00	21.15 0.70 0.00	21.52 0.73 0.00	21.54 0.75 0.00	22.39 0.84 -0.02	24.80 0.93 0.04	26.71 1.17 -0.20	29.56 1.35 0.00	29.81 1.37 0.00	28.96 1.33 0.00	25.27 1.04 0.00	22.69 0.89 0.00	21.36 0.74 0.00

HILLBURN___GT 23639	20.14 1.23 0.00	17.75 1.04 0.00	16.82 1.03 0.00	15.44 0.92 0.00	16.11 0.85 0.00	17.07 0.83 0.00	20.52 1.05 0.00	22.35 1.22 0.00	22.86 1.47 0.00	21.33 1.40 0.00	21.05 1.40 0.00	21.48 1.48 0.00	21.99 1.53 0.00	22.48 1.68 0.00	22.58 1.79 0.00	23.46 1.96 0.04	26.61 2.32 -0.39	27.34 2.46 0.46	30.82 2.62 0.00	30.95 2.50 0.00	29.96 2.32 0.00	26.07 1.84 0.00	23.24 1.44 0.00	21.77 1.15 0.00
HILLSIDE_115KV_TB1 80332	18.46 -0.45 0.00	16.36 -0.35 0.00	15.48 -0.32 0.00	14.24 -0.29 0.00	14.90 -0.35 0.00	16.02 -0.23 0.00	19.29 -0.18 0.00	20.98 -0.15 0.00	21.20 -0.19 0.00	19.80 -0.14 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.46 -0.33 0.00	20.63 -0.17 0.00	21.28 -0.26 0.00	23.71 -0.29 -0.09	25.27 -0.23 -0.16	28.17 -0.31 -0.28	28.31 -0.43 -0.29	27.70 -0.19 -0.26	24.22 -0.12 -0.11	21.89 0.09 0.00	20.72 0.10 0.00
HISHELDN_WT_PWR 323625	18.27 -0.64 0.00	16.11 -0.60 0.00	15.21 -0.58 0.00	14.02 -0.51 0.00	14.67 -0.58 0.00	15.90 -0.34 0.00	19.06 -0.41 0.00	20.77 -0.36 0.00	20.98 -0.41 0.00	19.58 -0.36 0.00	19.30 -0.35 0.00	19.58 -0.42 0.00	20.04 -0.41 0.00	20.44 -0.35 0.00	20.44 -0.35 0.00	20.98 -0.56 0.00	23.28 -0.62 0.00	24.61 -0.74 0.00	27.33 -0.87 0.00	27.34 -1.11 0.00	26.78 -0.86 0.00	23.97 -0.27 0.00	21.84 0.04 0.00	20.74 0.12 0.00
HOLTSVILLE_IC_1 23690	25.09 2.14 -4.04	19.19 1.90 -0.57	17.59 1.80 0.00	16.01 1.48 0.00	16.69 1.43 0.00	17.72 1.48 0.00	21.35 1.89 0.00	23.07 1.94 0.00	23.76 2.37 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.37 2.24 -9.13	31.94 2.31 -9.18	32.34 2.47 -9.07	33.58 2.56 -10.23	35.72 2.78 -11.40	46.57 3.23 -19.44	43.64 3.45 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	38.01 3.31 -7.07	36.29 2.79 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
HOLTSVILLE_IC_10 23699	25.19 2.23 -4.04	19.28 1.99 -0.57	17.67 1.88 0.00	16.06 1.54 0.00	16.75 1.50 0.00	17.80 1.56 0.00	21.45 1.99 0.00	23.16 2.03 0.00	23.87 2.48 0.00	22.21 2.27 0.00	27.13 2.22 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.72 2.70 -10.23	35.87 2.93 -11.40	46.74 3.39 -19.44	43.82 3.62 -14.85	42.16 3.95 -10.01	38.31 3.78 -6.08	38.18 3.48 -7.07	36.43 2.93 -9.27	26.38 2.57 -2.00	22.97 2.21 -0.15
HOLTSVILLE_IC_2 23691	25.09 2.14 -4.04	19.19 1.90 -0.57	17.59 1.80 0.00	16.01 1.48 0.00	16.69 1.43 0.00	17.72 1.48 0.00	21.35 1.89 0.00	23.07 1.94 0.00	23.76 2.37 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.37 2.24 -9.13	31.94 2.31 -9.18	32.34 2.47 -9.07	33.58 2.56 -10.23	35.72 2.78 -11.40	46.57 3.23 -19.44	43.64 3.45 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	38.01 3.31 -7.07	36.29 2.79 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
HOLTSVILLE_IC_3 23692	25.09 2.14 -4.04	19.19 1.90 -0.57	17.59 1.80 0.00	16.01 1.48 0.00	16.69 1.43 0.00	17.72 1.48 0.00	21.35 1.89 0.00	23.07 1.94 0.00	23.76 2.37 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.37 2.24 -9.13	31.94 2.31 -9.18	32.34 2.47 -9.07	33.58 2.56 -10.23	35.72 2.78 -11.40	46.57 3.23 -19.44	43.64 3.45 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	38.01 3.31 -7.07	36.29 2.79 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
HOLTSVILLE_IC_4 23693	25.09 2.14 -4.04	19.19 1.90 -0.57	17.59 1.80 0.00	16.01 1.48 0.00	16.69 1.43 0.00	17.72 1.48 0.00	21.35 1.89 0.00	23.07 1.94 0.00	23.76 2.37 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.37 2.24 -9.13	31.94 2.31 -9.18	32.34 2.47 -9.07	33.58 2.56 -10.23	35.72 2.78 -11.40	46.57 3.23 -19.44	43.64 3.45 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	38.01 3.31 -7.07	36.29 2.79 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
HOLTSVILLE_IC_5 23694	25.09 2.14 -4.04	19.19 1.90 -0.57	17.59 1.80 0.00	16.01 1.48 0.00	16.69 1.43 0.00	17.72 1.48 0.00	21.35 1.89 0.00	23.07 1.94 0.00	23.76 2.37 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.37 2.24 -9.13	31.94 2.31 -9.18	32.34 2.47 -9.07	33.58 2.56 -10.23	35.72 2.78 -11.40	46.57 3.23 -19.44	43.64 3.45 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	38.01 3.31 -7.07	36.29 2.79 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
HOLTSVILLE_IC_6 23695	25.19 2.23 -4.04	19.28 1.99 -0.57	17.67 1.88 0.00	16.06 1.54 0.00	16.75 1.50 0.00	17.80 1.56 0.00	21.45 1.99 0.00	23.16 2.03 0.00	23.87 2.48 0.00	22.21 2.27 0.00	27.13 2.22 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.72 2.70 -10.23	35.87 2.93 -11.40	46.74 3.39 -19.44	43.82 3.62 -14.85	42.16 3.95 -10.01	38.31 3.78 -6.08	38.18 3.48 -7.07	36.43 2.93 -9.27	26.38 2.57 -2.00	22.97 2.21 -0.15
HOLTSVILLE_IC_7 23696	25.19 2.23 -4.04	19.28 1.99 -0.57	17.67 1.88 0.00	16.06 1.54 0.00	16.75 1.50 0.00	17.80 1.56 0.00	21.45 1.99 0.00	23.16 2.03 0.00	23.87 2.48 0.00	22.21 2.27 0.00	27.13 2.22 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.72 2.70 -10.23	35.87 2.93 -11.40	46.74 3.39 -19.44	43.82 3.62 -14.85	42.16 3.95 -10.01	38.31 3.78 -6.08	38.18 3.48 -7.07	36.43 2.93 -9.27	26.38 2.57 -2.00	22.97 2.21 -0.15
HOLTSVILLE_IC_8 23697	25.19 2.23 -4.04	19.28 1.99 -0.57	17.67 1.88 0.00	16.06 1.54 0.00	16.75 1.50 0.00	17.80 1.56 0.00	21.45 1.99 0.00	23.16 2.03 0.00	23.87 2.48 0.00	22.21 2.27 0.00	27.13 2.22 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.72 2.70 -10.23	35.87 2.93 -11.40	46.74 3.39 -19.44	43.82 3.62 -14.85	42.16 3.95 -10.01	38.31 3.78 -6.08	38.18 3.48 -7.07	36.43 2.93 -9.27	26.38 2.57 -2.00	22.97 2.21 -0.15
HOLTSVILLE_IC_9 23698	25.19 2.23 -4.04	19.28 1.99 -0.57	17.67 1.88 0.00	16.06 1.54 0.00	16.75 1.50 0.00	17.80 1.56 0.00	21.45 1.99 0.00	23.16 2.03 0.00	23.87 2.48 0.00	22.21 2.27 0.00	27.13 2.22 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.72 2.70 -10.23	35.87 2.93 -11.40	46.74 3.39 -19.44	43.82 3.62 -14.85	42.16 3.95 -10.01	38.31 3.78 -6.08	38.18 3.48 -7.07	36.43 2.93 -9.27	26.38 2.57 -2.00	22.97 2.21 -0.15
HOMER_HL_115KV_TB2 355744	18.33 -0.59 0.00	16.30 -0.42 0.00	15.41 -0.38 0.00	14.19 -0.33 0.00	14.83 -0.43 0.00	16.00 -0.24 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.15 -0.24 0.00	19.78 -0.16 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.23 -0.22 0.00	20.34 -0.46 0.00	20.63 -0.17 0.00	21.21 -0.32 0.00	23.50 -0.41 0.00	24.96 -0.38 0.00	27.64 -0.56 0.00	27.68 -0.77 0.00	27.25 -0.39 0.00	24.09 -0.15 0.00	21.93 0.13 0.00	20.92 0.31 0.00
HOWARD_WT_PWR 323690	18.56 -0.36 0.00	16.35 -0.37 0.00	15.43 -0.36 0.00	14.21 -0.32 0.00	14.92 -0.34 0.00	16.16 -0.08 0.00	19.47 0.00 0.00	21.30 0.17 0.00	21.45 0.06 0.00	20.00 0.06 0.00	19.68 0.02 0.00	19.98 -0.02 0.00	20.43 -0.02 0.00	20.86 0.06 0.00	20.84 0.04 0.00	21.39 -0.15 0.00	23.85 -0.12 -0.06	25.34 -0.10 -0.10	28.33 -0.06 -0.18	28.40 -0.23 -0.19	27.88 0.08 -0.17	24.74 0.44 -0.07	22.39 0.59 0.00	21.19 0.58 0.00

HQ_GEN_CEDARS 23644	18.19 -0.72 0.01	16.25 -0.47 0.00	15.48 -0.32 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	16.08 -0.16 0.00	18.84 -0.62 0.00	20.47 -0.65 0.00	20.71 -0.68 0.00	19.22 -0.72 0.00	18.99 -0.67 0.00	19.28 -0.72 0.00	19.74 -0.72 0.00	20.07 -0.73 0.00	20.00 -0.79 0.00	20.63 -0.90 0.00	22.90 -1.00 0.00	24.20 -1.14 0.00	27.10 -1.10 0.00	27.48 -0.97 0.00	26.72 -0.91 0.00	23.63 -0.61 0.00	21.21 -0.59 0.00	20.02 -0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	18.17 -0.74 0.01	16.08 -0.64 0.00	15.48 -0.32 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	15.84 -0.41 0.00	18.84 -0.62 0.00	20.47 -0.66 0.00	20.70 -0.69 0.00	19.22 -0.72 0.00	18.99 -0.67 0.00	19.28 -0.72 0.00	19.74 -0.72 0.00	20.05 -0.75 0.00	20.00 -0.79 0.00	20.63 -0.90 0.00	22.83 -1.08 0.00	24.20 -1.14 0.00	27.07 -1.13 0.00	27.45 -1.00 0.00	26.67 -0.97 0.00	23.48 -0.75 0.00	21.19 -0.61 0.00	20.02 -0.60 0.00
HQ_GEN_IMPORT 323601	18.57 -0.34 0.00	16.41 -0.30 0.00	15.51 -0.28 0.00	14.26 -0.26 0.00	15.05 -0.20 0.00	16.00 -0.24 0.00	19.15 -0.31 0.00	20.79 -0.34 0.00	21.05 -0.34 0.00	19.58 -0.36 0.00	19.32 -0.33 0.00	19.64 -0.36 0.00	20.08 -0.37 0.00	20.42 -0.37 0.00	20.40 -0.40 0.00	21.13 -0.41 0.00	23.40 -0.50 0.00	24.79 -0.56 0.00	27.64 -0.56 0.00	27.93 -0.51 0.00	27.14 -0.50 0.00	23.82 -0.41 0.00	21.50 -0.31 0.00	20.33 -0.29 0.00
HQ_GEN_WHEEL 23651	18.57 -0.34 0.00	16.41 -0.30 0.00	15.51 -0.28 0.00	14.26 -0.26 0.00	15.05 -0.20 0.00	16.00 -0.24 0.00	19.15 -0.31 0.00	20.79 -0.34 0.00	21.05 -0.34 0.00	19.58 -0.36 0.00	19.32 -0.33 0.00	19.64 -0.36 0.00	20.08 -0.37 0.00	20.42 -0.37 0.00	20.40 -0.40 0.00	21.13 -0.41 0.00	23.40 -0.50 0.00	24.79 -0.56 0.00	27.64 -0.56 0.00	27.93 -0.51 0.00	27.14 -0.50 0.00	23.82 -0.41 0.00	21.50 -0.31 0.00	20.33 -0.29 0.00
HUDSON_AVE_GT_3 23810	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	27.47 2.65 -0.91	32.06 2.94 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.17 1.94 0.00	23.50 1.70 0.00	21.98 1.36 0.00
HUDSON_AVE_GT_4 23540	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	27.47 2.65 -0.91	32.06 2.94 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.17 1.94 0.00	23.50 1.70 0.00	21.98 1.36 0.00
HUDSON_AVE_GT_5 23657	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	27.47 2.65 -0.91	32.06 2.94 -3.77	31.33 3.13 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.17 1.94 0.00	23.50 1.70 0.00	21.98 1.36 0.00
HUDSON_AVE_10 24168	20.33 1.42 0.00	17.85 1.14 0.00	16.96 1.17 0.00	15.56 1.03 0.00	16.23 0.98 0.00	17.14 0.89 0.00	20.67 1.21 0.00	22.59 1.46 0.00	23.12 1.73 0.00	21.59 1.65 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.23 1.78 0.00	22.69 1.89 0.00	22.85 2.06 0.00	24.19 2.33 -0.33	27.40 2.58 -0.91	31.98 2.86 -3.77	31.25 3.05 0.00	31.29 2.84 0.00	30.20 2.57 0.00	26.07 1.84 0.00	23.44 1.64 0.00	21.91 1.30 0.00
HUDSON___115KV_TB 4 355613	20.01 1.10 0.00	17.68 0.97 0.00	16.71 0.92 0.00	15.37 0.84 0.00	16.08 0.82 0.00	17.07 0.83 0.00	20.54 1.07 0.00	21.97 0.85 0.00	22.18 0.79 0.00	20.57 0.64 0.00	20.25 0.59 0.00	20.62 0.62 0.00	21.07 0.61 0.00	21.44 0.64 0.00	21.46 0.67 0.00	22.26 0.71 -0.02	24.68 0.81 0.04	26.57 1.04 -0.19	29.39 1.18 0.00	29.75 1.31 0.00	28.88 1.24 0.00	25.25 1.02 0.00	22.63 0.83 0.00	21.25 0.64 0.00
HUNTER MOUNT___DRP 323613	20.07 1.15 0.00	17.73 1.02 0.00	16.76 0.96 0.00	15.41 0.89 0.00	16.12 0.87 0.00	17.14 0.89 0.00	20.61 1.15 0.00	21.99 0.87 0.00	22.16 0.77 0.00	20.51 0.58 0.00	20.21 0.55 0.00	20.54 0.54 0.00	20.98 0.53 0.00	21.36 0.56 0.00	21.40 0.60 0.00	22.15 0.60 -0.01	24.61 0.74 0.03	26.43 0.94 -0.15	29.33 1.13 0.00	29.78 1.34 0.00	28.93 1.30 0.00	25.32 1.09 0.00	22.67 0.87 0.00	21.30 0.68 0.00
HUNTINGTON_RES_REC 323705	24.96 2.00 -4.04	19.04 1.75 -0.57	17.45 1.66 0.00	15.92 1.39 0.00	16.60 1.34 0.00	17.62 1.38 0.00	21.24 1.77 0.00	22.99 1.86 0.00	23.68 2.29 0.00	22.07 2.13 0.00	27.03 2.12 -5.25	31.31 2.18 -9.13	31.88 2.25 -9.18	32.25 2.39 -9.07	33.52 2.49 -10.23	35.65 2.71 -11.40	46.52 3.18 -19.44	43.59 3.40 -14.85	41.88 3.66 -10.01	38.05 3.53 -6.08	37.93 3.23 -7.07	36.14 2.64 -9.27	26.18 2.38 -2.00	22.78 2.02 -0.15
HUNTLEY___63 23557	18.01 -0.91 0.00	16.01 -0.70 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.81 -0.44 0.00	18.94 -0.53 0.00	20.70 -0.42 0.00	20.83 -0.56 0.00	19.50 -0.44 0.00	19.23 -0.43 0.00	19.54 -0.46 0.00	20.00 -0.45 0.00	20.05 -0.75 0.00	20.38 -0.42 0.00	20.96 -0.58 0.00	23.16 -0.74 0.00	24.56 -0.79 0.00	27.10 -1.10 0.00	27.08 -1.37 0.00	26.75 -0.88 0.00	23.75 -0.48 0.00	21.69 -0.11 0.00	20.59 -0.02 0.00
HUNTLEY___64 23558	18.01 -0.91 0.00	16.01 -0.70 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.81 -0.44 0.00	18.94 -0.53 0.00	20.70 -0.42 0.00	20.83 -0.56 0.00	19.50 -0.44 0.00	19.23 -0.43 0.00	19.54 -0.46 0.00	20.00 -0.45 0.00	20.05 -0.75 0.00	20.38 -0.42 0.00	20.96 -0.58 0.00	23.16 -0.74 0.00	24.56 -0.79 0.00	27.10 -1.10 0.00	27.08 -1.37 0.00	26.75 -0.88 0.00	23.75 -0.48 0.00	21.69 -0.11 0.00	20.59 -0.02 0.00
HUNTLEY___65 23559	18.01 -0.91 0.00	16.01 -0.70 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.81 -0.44 0.00	18.94 -0.53 0.00	20.70 -0.42 0.00	20.83 -0.56 0.00	19.50 -0.44 0.00	19.23 -0.43 0.00	19.54 -0.46 0.00	20.00 -0.45 0.00	20.05 -0.75 0.00	20.38 -0.42 0.00	20.96 -0.58 0.00	23.16 -0.74 0.00	24.56 -0.79 0.00	27.10 -1.10 0.00	27.08 -1.37 0.00	26.75 -0.88 0.00	23.75 -0.48 0.00	21.69 -0.11 0.00	20.59 -0.02 0.00
HUNTLEY___66 23560	18.01 -0.91 0.00	16.01 -0.70 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.81 -0.44 0.00	18.94 -0.53 0.00	20.70 -0.42 0.00	20.83 -0.56 0.00	19.50 -0.44 0.00	19.23 -0.43 0.00	19.54 -0.46 0.00	20.00 -0.45 0.00	20.05 -0.75 0.00	20.38 -0.42 0.00	20.96 -0.58 0.00	23.16 -0.74 0.00	24.56 -0.79 0.00	27.10 -1.10 0.00	27.08 -1.37 0.00	26.75 -0.88 0.00	23.75 -0.48 0.00	21.69 -0.11 0.00	20.59 -0.02 0.00



HUNTLEY___67 23561	17.97 -0.95 0.00	16.00 -0.72 0.00	15.10 -0.69 0.00	13.93 -0.60 0.00	14.58 -0.67 0.00	15.76 -0.49 0.00	18.90 -0.56 0.00	20.60 -0.53 0.00	20.77 -0.62 0.00	19.44 -0.50 0.00	19.15 -0.51 0.00	19.46 -0.54 0.00	19.92 -0.53 0.00	19.96 -0.83 0.00	20.30 -0.50 0.00	20.87 -0.67 0.00	23.09 -0.81 0.00	24.48 -0.86 0.00	27.02 -1.18 0.00	27.02 -1.42 0.00	26.67 -0.97 0.00	23.65 -0.58 0.00	21.60 -0.20 0.00	20.53 -0.08 0.00
HUNTLEY___68 23562	17.97 -0.95 0.00	16.00 -0.72 0.00	15.10 -0.69 0.00	13.93 -0.60 0.00	14.58 -0.67 0.00	15.76 -0.49 0.00	18.90 -0.56 0.00	20.60 -0.53 0.00	20.77 -0.62 0.00	19.44 -0.50 0.00	19.15 -0.51 0.00	19.46 -0.54 0.00	19.92 -0.53 0.00	19.96 -0.83 0.00	20.30 -0.50 0.00	20.87 -0.67 0.00	23.09 -0.81 0.00	24.48 -0.86 0.00	27.02 -1.18 0.00	27.02 -1.42 0.00	26.67 -0.97 0.00	23.65 -0.58 0.00	21.60 -0.20 0.00	20.53 -0.08 0.00
HYLAND___LFGE 323620	19.05 0.13 0.00	16.77 0.05 0.00	15.82 0.03 0.00	14.57 0.04 0.00	15.30 0.05 0.00	16.54 0.29 0.00	19.88 0.41 0.00	21.63 0.51 0.00	21.48 0.09 0.00	19.88 -0.06 0.00	19.32 -0.33 0.00	19.52 -0.48 0.00	19.98 -0.47 0.00	20.40 -0.40 0.00	20.55 -0.25 0.00	21.17 -0.37 0.00	23.62 -0.29 0.00	25.22 -0.13 0.00	28.45 0.25 0.00	28.73 0.28 0.00	28.38 0.75 0.00	25.23 0.99 0.00	22.85 1.05 0.00	21.52 0.91 0.00
INDECK___CORINTH 23802	20.20 1.29 0.00	17.87 1.15 0.00	16.85 1.06 0.00	15.50 0.97 0.00	16.23 0.98 0.00	17.28 1.04 0.00	20.83 1.36 0.00	22.54 1.42 0.00	22.85 1.46 0.00	21.25 1.32 0.00	20.97 1.32 0.00	21.34 1.34 0.00	21.76 1.31 0.00	22.17 1.37 0.00	22.15 1.35 0.00	23.02 1.47 -0.02	25.54 1.67 0.04	27.30 1.75 -0.21	30.26 2.06 0.00	30.35 1.91 0.00	29.65 2.02 0.00	25.98 1.75 0.00	23.33 1.53 0.00	21.87 1.26 0.00
INDECK___ILION 23567	19.12 0.21 0.00	16.90 0.18 0.00	15.98 0.19 0.00	14.71 0.19 0.00	15.45 0.20 0.00	16.47 0.23 0.00	19.76 0.29 0.00	21.44 0.32 0.00	21.69 0.30 0.00	20.22 0.28 0.00	19.89 0.24 0.00	20.20 0.20 0.00	20.64 0.18 0.00	20.96 0.17 0.00	20.96 0.17 0.00	21.71 0.17 0.00	24.05 0.14 0.00	25.55 0.20 0.00	28.43 0.23 0.00	28.70 0.26 0.00	27.88 0.25 0.00	24.43 0.19 0.00	22.00 0.20 0.00	20.80 0.19 0.00
INDECK___OLEAN 23982	18.48 -0.43 0.00	16.33 -0.38 0.00	15.41 -0.38 0.00	14.19 -0.33 0.00	14.83 -0.43 0.00	16.08 -0.16 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.20 -0.19 0.00	19.78 -0.16 0.00	19.50 -0.16 0.00	19.78 -0.22 0.00	20.21 -0.24 0.00	20.63 -0.17 0.00	20.63 -0.17 0.00	21.15 -0.39 0.00	23.55 -0.36 0.00	24.86 -0.48 0.00	27.58 -0.62 0.00	27.56 -0.88 0.00	27.00 -0.63 0.00	24.14 -0.10 0.00	21.93 0.13 0.00	20.93 0.31 0.00
INDECK___OSWEGO 23783	18.63 -0.28 0.00	16.43 -0.28 0.00	15.52 -0.27 0.00	14.28 -0.25 0.00	14.98 -0.27 0.00	16.02 -0.23 0.00	19.19 -0.27 0.00	20.85 -0.28 0.00	21.07 -0.32 0.00	19.68 -0.26 0.00	19.38 -0.28 0.00	19.72 -0.28 0.00	20.17 -0.29 0.00	20.42 -0.37 0.00	20.42 -0.37 0.00	21.11 -0.43 0.00	24.24 -0.50 -0.84	26.24 -0.51 -1.40	30.17 -0.56 -2.53	30.46 -0.60 -2.61	29.45 -0.50 -2.32	24.80 -0.41 -0.98	21.47 -0.33 0.00	20.43 -0.19 0.00
INDECK___YERKES 23781	18.22 -0.70 0.00	16.05 -0.67 0.00	15.14 -0.65 0.00	13.97 -0.55 0.00	14.63 -0.63 0.00	15.85 -0.39 0.00	18.96 -0.51 0.00	20.70 -0.42 0.00	20.92 -0.47 0.00	19.52 -0.42 0.00	19.26 -0.39 0.00	19.56 -0.44 0.00	20.02 -0.43 0.00	20.44 -0.35 0.00	20.40 -0.40 0.00	20.91 -0.63 0.00	23.16 -0.74 0.00	24.41 -0.94 0.00	27.02 -1.18 0.00	27.00 -1.45 0.00	26.47 -1.16 0.00	23.75 -0.48 0.00	21.69 -0.11 0.00	20.62 0.00 0.00
INDIAN POINT_GT_1 24139	20.16 1.25 0.00	17.75 1.04 0.00	16.85 1.06 0.00	15.47 0.94 0.00	16.14 0.88 0.00	17.06 0.81 0.00	20.54 1.07 0.00	22.37 1.25 0.00	22.89 1.50 0.00	21.35 1.42 0.00	21.07 1.42 0.00	21.48 1.48 0.00	21.99 1.53 0.00	22.42 1.62 0.00	22.58 1.79 0.00	23.75 1.96 -0.26	26.84 2.20 -0.74	30.77 2.46 -2.97	30.80 2.59 0.00	30.92 2.47 0.00	29.90 2.27 0.00	25.90 1.67 0.00	23.24 1.44 0.00	21.77 1.15 0.00
INDIAN POINT_GT_2 23659	20.16 1.25 0.00	17.75 1.04 0.00	16.85 1.06 0.00	15.47 0.94 0.00	16.14 0.88 0.00	17.06 0.81 0.00	20.54 1.07 0.00	22.37 1.25 0.00	22.89 1.50 0.00	21.35 1.42 0.00	21.07 1.42 0.00	21.48 1.48 0.00	21.99 1.53 0.00	22.42 1.62 0.00	22.58 1.79 0.00	23.75 1.96 -0.26	26.84 2.20 -0.74	30.77 2.46 -2.97	30.80 2.59 0.00	30.92 2.47 0.00	29.90 2.27 0.00	25.90 1.67 0.00	23.24 1.44 0.00	21.77 1.15 0.00
INDIAN POINT_GT_3 24019	20.16 1.25 0.00	17.75 1.04 0.00	16.85 1.06 0.00	15.47 0.94 0.00	16.14 0.88 0.00	17.06 0.81 0.00	20.54 1.07 0.00	22.37 1.25 0.00	22.89 1.50 0.00	21.35 1.42 0.00	21.07 1.42 0.00	21.48 1.48 0.00	21.99 1.53 0.00	22.42 1.62 0.00	22.58 1.79 0.00	23.75 1.96 -0.26	26.84 2.20 -0.74	30.77 2.46 -2.97	30.80 2.59 0.00	30.92 2.47 0.00	29.90 2.27 0.00	25.90 1.67 0.00	23.24 1.44 0.00	21.77 1.15 0.00
INDIAN POINT___2 23530	20.14 1.23 0.00	17.77 1.05 0.00	16.83 1.04 0.00	15.44 0.92 0.00	16.11 0.85 0.00	17.09 0.84 0.00	20.52 1.05 0.00	22.35 1.22 0.00	22.85 1.46 0.00	21.33 1.40 0.00	21.05 1.40 0.00	21.46 1.46 0.00	21.96 1.51 0.00	22.46 1.66 0.00	22.56 1.77 0.00	23.53 1.96 -0.03	26.78 2.29 -0.58	28.15 2.46 -0.35	30.82 2.62 0.00	30.95 2.50 0.00	29.93 2.29 0.00	26.02 1.79 0.00	23.22 1.42 0.00	21.75 1.13 0.00
INDIAN POINT___3 23531	20.14 1.23 0.00	17.73 1.02 0.00	16.84 1.04 0.00	15.46 0.93 0.00	16.12 0.87 0.00	17.04 0.80 0.00	20.52 1.05 0.00	22.35 1.23 0.00	22.87 1.48 0.00	21.31 1.38 0.00	21.03 1.38 0.00	21.46 1.46 0.00	21.97 1.51 0.00	22.40 1.60 0.00	22.54 1.75 0.00	23.98 1.92 -0.53	26.90 2.15 -0.85	33.85 2.41 -6.10	30.74 2.54 0.00	30.86 2.42 0.00	29.84 2.21 0.00	25.86 1.62 0.00	23.20 1.40 0.00	21.75 1.13 0.00
INGHAM_C_115KV_TB7 356103	19.10 0.19 0.00	16.92 0.20 0.00	16.01 0.22 0.00	14.76 0.23 0.00	15.51 0.26 0.00	16.57 0.32 0.00	19.89 0.43 0.00	21.59 0.46 0.00	21.82 0.43 0.00	20.31 0.38 0.00	19.95 0.29 0.00	20.20 0.20 0.00	20.59 0.14 0.00	20.88 0.08 0.00	20.84 0.04 0.00	21.58 0.04 0.00	23.86 -0.05 0.00	25.32 -0.03 0.00	28.20 0.00 0.00	28.56 0.11 0.00	27.74 0.11 0.00	24.33 0.10 0.00	21.95 0.15 0.00	20.78 0.16 0.00
IP CORINTH___1 23988	20.22 1.31 0.00	17.85 1.14 0.00	16.85 1.06 0.00	15.50 0.97 0.00	16.23 0.98 0.00	17.27 1.02 0.00	20.83 1.36 0.00	22.54 1.42 0.00	22.84 1.45 0.00	21.25 1.32 0.00	20.97 1.32 0.00	21.34 1.34 0.00	21.76 1.31 0.00	22.13 1.33 0.00	22.15 1.35 0.00	23.02 1.46 -0.02	25.56 1.70 0.04	27.30 1.75 -0.21	30.23 2.03 0.00	30.29 1.85 0.00	29.62 1.99 0.00	25.88 1.65 0.00	23.30 1.50 0.00	21.87 1.26 0.00

IP___TICONDEROGA 23804	20.92 2.01 0.00	18.47 1.76 0.00	17.39 1.60 0.00	16.01 1.48 0.00	16.78 1.53 0.00	17.87 1.62 0.00	21.67 2.20 0.00	23.45 2.32 0.00	23.76 2.37 0.00	22.05 2.11 0.00	21.74 2.08 0.00	22.10 2.10 0.00	22.50 2.05 0.00	22.83 2.04 0.00	22.81 2.02 0.00	23.75 2.20 -0.02	26.44 2.58 0.04	28.37 2.81 -0.21	31.53 3.33 0.00	31.69 3.24 0.00	30.95 3.32 0.00	27.07 2.84 0.00	24.22 2.42 0.00	22.68 2.06 0.00
ISLIP_RES_REC 323679	25.28 2.33 -4.04	19.36 2.07 -0.57	17.73 1.94 0.00	16.12 1.60 0.00	16.81 1.56 0.00	17.87 1.62 0.00	21.53 2.06 0.00	23.26 2.13 0.00	23.98 2.59 0.00	22.33 2.39 0.00	27.25 2.34 -5.25	31.63 2.50 -9.13	32.20 2.58 -9.18	32.63 2.77 -9.07	33.87 2.85 -10.23	36.02 3.08 -11.40	46.91 3.56 -19.44	44.02 3.83 -14.85	42.38 4.17 -10.01	38.54 4.01 -6.08	38.37 3.68 -7.07	36.60 3.10 -9.27	26.49 2.68 -2.00	23.07 2.31 -0.15
JAMAICA__27_KV_LOAD 355505	20.39 1.48 0.00	17.87 1.15 0.00	16.98 1.18 0.00	15.57 1.05 0.00	16.24 0.99 0.00	17.15 0.91 0.00	20.73 1.27 0.00	22.67 1.54 0.00	23.23 1.84 0.00	21.67 1.73 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.73 1.93 0.00	22.92 2.12 0.00	24.25 2.39 -0.33	27.51 2.70 -0.91	32.11 2.99 -3.77	31.39 3.19 0.00	31.43 2.99 0.00	30.34 2.71 0.00	26.15 1.91 0.00	23.54 1.74 0.00	21.98 1.36 0.00
JANIS___SOLAR 323808	19.62 0.70 0.00	17.27 0.55 0.00	16.28 0.49 0.00	14.99 0.46 0.00	15.74 0.49 0.00	16.96 0.71 0.00	20.40 0.93 0.00	22.25 1.12 0.00	22.29 0.90 0.00	20.75 0.82 0.00	20.35 0.69 0.00	20.64 0.64 0.00	21.13 0.67 0.00	21.48 0.69 0.00	21.50 0.71 0.00	22.23 0.69 0.00	24.89 0.84 -0.15	26.58 0.99 -0.25	29.92 1.27 -0.45	30.25 1.34 -0.46	29.54 1.49 -0.41	25.81 1.40 -0.17	23.00 1.20 0.00	21.69 1.07 0.00
JARVIS____ 23743	19.07 0.15 0.00	16.85 0.13 0.00	15.92 0.13 0.00	14.64 0.12 0.00	15.36 0.11 0.00	16.36 0.11 0.00	19.62 0.16 0.00	21.30 0.17 0.00	21.56 0.17 0.00	20.09 0.16 0.00	19.80 0.14 0.00	20.14 0.14 0.00	20.61 0.16 0.00	20.96 0.17 0.00	20.96 0.17 0.00	21.71 0.17 0.00	24.12 0.21 0.00	25.57 0.23 0.00	28.45 0.25 0.00	28.67 0.23 0.00	27.85 0.22 0.00	24.42 0.19 0.00	21.93 0.13 0.00	20.74 0.12 0.00
JENNISON___1 23625	19.77 0.85 0.00	17.40 0.69 0.00	16.42 0.63 0.00	15.14 0.61 0.00	15.86 0.61 0.00	17.04 0.80 0.00	20.52 1.05 0.00	22.42 1.29 0.00	22.57 1.18 0.00	21.05 1.12 0.00	20.64 0.98 0.00	20.96 0.96 0.00	21.49 1.04 0.00	21.81 1.02 0.00	21.90 1.10 0.00	22.66 1.12 0.00	25.28 1.27 -0.11	26.94 1.42 -0.18	30.12 1.61 -0.32	30.59 1.82 -0.33	29.72 1.80 -0.29	25.88 1.53 -0.12	23.09 1.29 0.00	21.75 1.13 0.00
JENNISON___2 23626	19.77 0.85 0.00	17.40 0.69 0.00	16.42 0.63 0.00	15.14 0.61 0.00	15.86 0.61 0.00	17.04 0.80 0.00	20.52 1.05 0.00	22.42 1.29 0.00	22.57 1.18 0.00	21.05 1.12 0.00	20.64 0.98 0.00	20.96 0.96 0.00	21.49 1.04 0.00	21.81 1.02 0.00	21.90 1.10 0.00	22.66 1.12 0.00	25.28 1.27 -0.11	26.94 1.42 -0.18	30.12 1.61 -0.32	30.59 1.82 -0.33	29.72 1.80 -0.29	25.88 1.53 -0.12	23.09 1.29 0.00	21.75 1.13 0.00
JERICHO_RISE_WT_PWR 323719	18.09 -0.81 0.01	15.98 -0.74 0.00	15.13 -0.66 0.00	13.93 -0.60 0.00	14.76 -0.49 0.00	15.71 -0.54 0.00	18.82 -0.64 0.00	20.51 -0.61 0.00	20.60 -0.79 0.00	19.04 -0.90 0.00	18.79 -0.86 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.80 -1.00 0.00	19.78 -1.02 0.00	20.48 -1.05 0.00	22.69 -1.22 0.00	24.15 -1.19 0.00	27.47 -0.73 0.00	27.99 -0.46 0.00	27.25 -0.39 0.00	23.97 -0.27 0.00	21.56 -0.24 0.00	20.37 -0.25 0.00
KATONAH__115KV_46KV_TB4 355592	20.26 1.34 0.00	17.82 1.10 0.00	16.91 1.12 0.00	15.53 1.00 0.00	16.20 0.95 0.00	17.14 0.89 0.00	20.60 1.13 0.00	22.44 1.31 0.00	22.97 1.58 0.00	21.39 1.46 0.00	21.13 1.47 0.00	21.54 1.54 0.00	22.05 1.60 0.00	22.48 1.68 0.00	22.65 1.85 0.00	23.65 2.00 -0.11	25.86 2.29 0.33	29.12 2.53 -1.24	30.91 2.71 0.00	31.03 2.59 0.00	30.01 2.38 0.00	26.05 1.82 0.00	23.33 1.53 0.00	21.85 1.24 0.00
KCE_NY_1 323755	20.03 1.12 0.00	17.73 1.02 0.00	16.74 0.95 0.00	15.40 0.87 0.00	16.11 0.85 0.00	17.14 0.89 0.00	20.61 1.15 0.00	22.29 1.16 0.00	22.57 1.18 0.00	21.01 1.08 0.00	20.74 1.08 0.00	21.12 1.12 0.00	21.53 1.08 0.00	21.96 1.16 0.00	21.94 1.14 0.00	22.80 1.25 -0.02	25.30 1.43 0.04	27.15 1.60 -0.21	30.03 1.83 0.00	30.27 1.82 0.00	29.43 1.80 0.00	25.78 1.55 0.00	23.06 1.26 0.00	21.65 1.03 0.00
KCE_NY_6_ESR 323823	18.39 -0.53 0.00	16.20 -0.52 0.00	15.29 -0.51 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	16.00 -0.24 0.00	19.15 -0.31 0.00	20.90 -0.23 0.00	21.11 -0.28 0.00	19.70 -0.24 0.00	19.44 -0.22 0.00	19.72 -0.28 0.00	20.21 -0.24 0.00	20.63 -0.17 0.00	20.61 -0.19 0.00	21.11 -0.43 0.00	23.43 -0.48 0.00	24.68 -0.66 0.00	27.36 -0.85 0.00	27.34 -1.11 0.00	26.78 -0.86 0.00	24.01 -0.22 0.00	21.91 0.11 0.00	20.84 0.23 0.00
KEDC_PORT_JEFF_GT2 24210	25.13 2.17 -4.04	19.24 1.95 -0.57	17.64 1.85 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	23.11 1.99 0.00	23.81 2.42 0.00	22.17 2.23 0.00	27.09 2.18 -5.25	31.45 2.32 -9.13	32.00 2.37 -9.18	32.40 2.54 -9.07	33.64 2.62 -10.23	35.74 2.80 -11.40	46.59 3.25 -19.44	43.69 3.50 -14.85	42.02 3.81 -10.01	38.17 3.64 -6.08	38.04 3.34 -7.07	36.31 2.81 -9.27	26.33 2.53 -2.00	22.92 2.16 -0.15
KEDC_PORT_JEFF_GT3 24211	25.13 2.17 -4.04	19.24 1.95 -0.57	17.64 1.85 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	23.11 1.99 0.00	23.81 2.42 0.00	22.17 2.23 0.00	27.09 2.18 -5.25	31.45 2.32 -9.13	32.00 2.37 -9.18	32.40 2.54 -9.07	33.64 2.62 -10.23	35.74 2.80 -11.40	46.59 3.25 -19.44	43.69 3.50 -14.85	42.02 3.81 -10.01	38.17 3.64 -6.08	38.04 3.34 -7.07	36.31 2.81 -9.27	26.33 2.53 -2.00	22.92 2.16 -0.15
KEDC_GLWD_GT4 24219	24.60 1.64 -4.04	18.71 1.42 -0.57	17.15 1.36 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.36 1.12 0.00	20.89 1.42 0.00	22.73 1.60 0.00	23.32 1.93 0.00	21.75 1.81 0.00	26.78 1.87 -5.25	31.09 1.96 -9.13	31.65 2.03 -9.18	32.05 2.18 -9.07	33.31 2.29 -10.23	35.46 2.52 -11.40	46.26 2.92 -19.44	43.31 3.12 -14.85	41.54 3.33 -10.01	37.71 3.19 -6.08	37.66 2.96 -7.07	35.88 2.38 -9.27	25.72 1.92 -2.00	22.37 1.61 -0.15
KEDC_GLWD_GT5 24220	24.60 1.64 -4.04	18.71 1.42 -0.57	17.15 1.36 0.00	15.70 1.18 0.00	16.37 1.11 0.00	17.36 1.12 0.00	20.89 1.42 0.00	22.73 1.60 0.00	23.32 1.93 0.00	21.75 1.81 0.00	26.78 1.87 -5.25	31.09 1.96 -9.13	31.65 2.03 -9.18	32.05 2.18 -9.07	33.31 2.29 -10.23	35.46 2.52 -11.40	46.26 2.92 -19.44	43.31 3.12 -14.85	41.54 3.33 -10.01	37.71 3.19 -6.08	37.66 2.96 -7.07	35.88 2.38 -9.27	25.72 1.92 -2.00	22.37 1.61 -0.15

KENSICO____ 23655	20.24 1.32 0.00	17.80 1.09 0.00	16.91 1.12 0.00	15.53 1.00 0.00	16.20 0.95 0.00	17.12 0.88 0.00	20.61 1.15 0.00	22.48 1.35 0.00	22.99 1.60 0.00	21.43 1.50 0.00	21.15 1.49 0.00	21.58 1.58 0.00	22.09 1.64 0.00	22.52 1.73 0.00	22.69 1.89 0.00	23.95 2.07 -0.34	27.08 2.32 -0.86	31.89 2.59 -3.96	30.94 2.74 0.00	31.03 2.59 0.00	30.01 2.38 0.00	25.98 1.74 0.00	23.30 1.50 0.00	21.85 1.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.03 1.12 0.00	17.60 0.89 0.00	16.71 0.92 0.00	15.32 0.80 0.00	16.00 0.75 0.00	16.94 0.70 0.00	20.36 0.90 0.00	22.23 1.10 0.00	22.80 1.41 0.00	21.23 1.30 0.00	20.92 1.26 0.00	21.30 1.30 0.00	21.84 1.39 0.00	22.27 1.48 0.00	22.46 1.66 0.00	23.33 1.81 0.01	26.06 2.13 -0.03	27.58 2.38 0.15	30.74 2.54 0.00	30.95 2.50 0.00	29.98 2.35 0.00	25.95 1.72 0.00	23.20 1.40 0.00	21.77 1.15 0.00
KIAC_JFK_GT1 23816	20.28 1.36 0.00	17.77 1.05 0.00	16.90 1.11 0.00	15.50 0.97 0.00	16.15 0.90 0.00	17.07 0.83 0.00	20.61 1.15 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.21 1.55 0.00	21.64 1.64 0.00	22.15 1.70 0.00	22.62 1.83 0.00	22.79 2.00 0.00	24.12 2.26 -0.33	27.35 2.53 -0.91	31.95 2.84 -3.77	31.22 3.02 0.00	31.23 2.79 0.00	30.18 2.54 0.00	26.00 1.77 0.00	23.44 1.64 0.00	21.87 1.26 0.00
KIAC_JFK_GT2 23817	20.28 1.36 0.00	17.77 1.05 0.00	16.90 1.11 0.00	15.50 0.97 0.00	16.15 0.90 0.00	17.07 0.83 0.00	20.61 1.15 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.63 0.00	21.21 1.55 0.00	21.64 1.64 0.00	22.15 1.70 0.00	22.62 1.83 0.00	22.79 2.00 0.00	24.12 2.26 -0.33	27.35 2.53 -0.91	31.95 2.84 -3.77	31.22 3.02 0.00	31.23 2.79 0.00	30.18 2.54 0.00	26.00 1.77 0.00	23.44 1.64 0.00	21.87 1.26 0.00
KIAC_JFK____ 323774	20.28 1.36 0.00	17.80 1.09 0.00	16.90 1.11 0.00	15.50 0.97 0.00	16.15 0.90 0.00	17.12 0.88 0.00	20.61 1.15 0.00	22.56 1.44 0.00	23.10 1.71 0.00	21.57 1.64 0.00	21.21 1.55 0.00	21.64 1.64 0.00	22.17 1.72 0.00	22.69 1.89 0.00	22.79 2.00 0.00	24.15 2.28 -0.33	27.47 2.65 -0.91	31.98 2.86 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.20 2.57 0.00	26.17 1.94 0.00	23.44 1.64 0.00	21.87 1.26 0.00
KINTIGH____ 23543	17.95 -0.96 0.00	15.96 -0.75 0.00	15.07 -0.73 0.00	13.89 -0.64 0.00	14.55 -0.70 0.00	15.69 -0.55 0.00	18.82 -0.64 0.00	20.54 -0.59 0.00	20.71 -0.68 0.00	19.36 -0.58 0.00	19.07 -0.59 0.00	19.38 -0.62 0.00	19.86 -0.59 0.00	19.90 -0.89 0.00	20.19 -0.60 0.00	20.81 -0.73 0.00	23.02 -0.88 0.00	24.41 -0.94 0.00	26.93 -1.27 0.00	26.99 -1.45 0.00	26.58 -1.05 0.00	23.53 -0.70 0.00	21.43 -0.37 0.00	20.33 -0.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.26 -0.64 0.01	16.18 -0.53 0.00	15.24 -0.55 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.95 -0.29 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.73 -0.66 0.00	19.08 -0.86 0.00	18.85 -0.81 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.82 -0.98 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.80 -1.10 0.00	24.28 -1.06 0.00	28.06 -0.14 0.00	28.64 0.20 0.00	28.05 0.41 0.00	24.69 0.46 0.00	22.04 0.24 0.00	20.78 0.16 0.00
LACHUTE__HYDRO 323717	20.90 1.99 0.00	18.49 1.77 0.00	17.39 1.59 0.00	16.01 1.48 0.00	16.78 1.53 0.00	17.90 1.66 0.00	21.67 2.20 0.00	23.45 2.32 0.00	23.76 2.37 0.00	22.05 2.11 0.00	21.74 2.08 0.00	22.10 2.10 0.00	22.50 2.04 0.00	22.87 2.08 0.00	22.81 2.02 0.00	23.77 2.22 -0.02	26.37 2.51 0.04	28.34 2.79 -0.21	31.56 3.35 0.00	31.74 3.30 0.00	30.98 3.34 0.00	27.16 2.93 0.00	24.24 2.44 0.00	22.68 2.06 0.00
LAWRNCV_115KV_TB1 80681	18.23 -0.68 0.01	16.26 -0.45 0.00	15.46 -0.33 0.00	14.25 -0.28 0.00	15.05 -0.20 0.00	16.10 -0.15 0.00	18.92 -0.55 0.00	20.60 -0.53 0.00	20.79 -0.60 0.00	19.30 -0.64 0.00	19.05 -0.61 0.00	19.34 -0.66 0.00	19.80 -0.65 0.00	20.13 -0.67 0.00	20.00 -0.79 0.00	20.57 -0.97 0.00	22.76 -1.15 0.00	24.05 -1.29 0.00	27.02 -1.18 0.00	27.42 -1.02 0.00	26.67 -0.97 0.00	23.72 -0.51 0.00	21.32 -0.48 0.00	20.10 -0.52 0.00
LEDERLE____ 23769	20.22 1.31 0.00	17.80 1.09 0.00	16.90 1.11 0.00	15.50 0.97 0.00	16.17 0.92 0.00	17.11 0.86 0.00	20.60 1.13 0.00	22.44 1.31 0.00	22.97 1.58 0.00	21.43 1.50 0.00	21.15 1.49 0.00	21.56 1.56 0.00	22.09 1.64 0.00	22.52 1.73 0.00	22.69 1.89 0.00	23.91 2.07 -0.31	26.82 2.32 -0.59	31.48 2.56 -3.57	30.91 2.71 0.00	31.03 2.59 0.00	30.04 2.40 0.00	26.00 1.77 0.00	23.33 1.53 0.00	21.85 1.24 0.00
LIGHTHSE_115KV_TB6 355974	18.82 -0.09 0.00	16.61 -0.10 0.00	15.70 -0.09 0.00	14.44 -0.09 0.00	15.16 -0.09 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.35 -0.04 0.00	19.94 0.00 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.71 -0.08 0.00	20.67 -0.12 0.00	21.37 -0.17 0.00	24.06 -0.29 -0.45	25.84 -0.25 -0.75	29.32 -0.23 -1.34	29.72 -0.11 -1.39	28.81 -0.06 -1.23	24.68 -0.07 -0.52	21.82 0.02 0.00	20.68 0.06 0.00
LINDEN COGEN____ 23786	20.30 1.38 0.00	17.87 1.15 0.00	16.94 1.15 0.00	15.56 1.03 0.00	16.21 0.96 0.00	17.17 0.93 0.00	20.65 1.19 0.00	22.56 1.44 0.00	23.08 1.69 0.00	21.57 1.64 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.23 1.78 0.00	22.73 1.93 0.00	22.85 2.06 0.00	24.19 2.33 -0.33	27.49 2.68 -0.91	31.98 2.86 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.24 2.01 0.00	23.39 1.59 0.00	21.87 1.26 0.00
LINDHRST_69_KV_BK1 356055	25.07 2.12 -4.04	19.11 1.82 -0.57	17.53 1.74 0.00	15.98 1.45 0.00	16.66 1.40 0.00	17.66 1.41 0.00	21.32 1.85 0.00	23.03 1.90 0.00	23.76 2.37 0.00	22.15 2.21 0.00	27.13 2.22 -5.25	31.45 2.32 -9.13	32.02 2.39 -9.18	32.36 2.50 -9.07	33.70 2.68 -10.23	35.85 2.91 -11.40	46.62 3.27 -19.44	43.76 3.57 -14.85	42.10 3.89 -10.01	38.22 3.70 -6.08	38.15 3.45 -7.07	36.21 2.71 -9.27	26.27 2.46 -2.00	22.88 2.12 -0.15
LIPA_MISC_IPP 23656	25.17 2.21 -4.04	19.26 1.97 -0.57	17.69 1.90 0.00	16.05 1.53 0.00	16.73 1.48 0.00	17.74 1.49 0.00	21.43 1.97 0.00	23.03 1.90 0.00	23.81 2.42 0.00	22.11 2.17 0.00	27.03 2.12 -5.25	31.41 2.28 -9.13	31.98 2.35 -9.18	32.32 2.45 -9.07	33.64 2.62 -10.23	35.76 2.82 -11.40	46.50 3.16 -19.44	43.66 3.47 -14.85	42.05 3.84 -10.01	38.14 3.61 -6.08	38.02 3.32 -7.07	36.19 2.69 -9.27	26.27 2.46 -2.00	22.88 2.12 -0.15
LISF__SOLAR 323691	25.20 2.25 -4.04	19.33 2.04 -0.57	17.73 1.94 0.00	16.08 1.56 0.00	16.76 1.51 0.00	17.82 1.58 0.00	21.47 2.01 0.00	23.11 1.99 0.00	23.83 2.44 0.00	22.15 2.21 0.00	27.05 2.14 -5.25	31.43 2.30 -9.13	32.00 2.37 -9.18	32.42 2.56 -9.07	33.66 2.64 -10.23	35.83 2.89 -11.40	46.67 3.32 -19.44	43.77 3.57 -14.85	42.13 3.92 -10.01	38.28 3.75 -6.08	38.13 3.43 -7.07	36.43 2.93 -9.27	26.33 2.53 -2.00	22.92 2.16 -0.15

LITTLE FALLS___HYD 24013	19.10 0.19 0.00	16.92 0.20 0.00	16.01 0.22 0.00	14.76 0.23 0.00	15.51 0.26 0.00	16.57 0.32 0.00	19.89 0.43 0.00	21.59 0.46 0.00	21.82 0.43 0.00	20.31 0.38 0.00	19.95 0.29 0.00	20.20 0.20 0.00	20.59 0.14 0.00	20.88 0.08 0.00	20.84 0.04 0.00	21.58 0.04 0.00	23.86 -0.05 0.00	25.32 -0.03 0.00	28.20 0.00 0.00	28.56 0.11 0.00	27.74 0.11 0.00	24.33 0.10 0.00	21.95 0.15 0.00	20.78 0.16 0.00
LITTLRIV_115KV_TB1 356100	18.36 -0.55 0.01	16.36 -0.35 0.00	15.56 -0.24 0.00	14.35 -0.17 0.00	15.16 -0.09 0.00	16.23 -0.02 0.00	19.10 -0.37 0.00	20.83 -0.30 0.00	21.01 -0.39 0.00	19.50 -0.44 0.00	19.21 -0.45 0.00	19.52 -0.48 0.00	19.98 -0.47 0.00	20.34 -0.46 0.00	20.21 -0.58 0.00	20.76 -0.78 0.00	22.97 -0.93 0.00	24.25 -1.09 0.00	27.24 -0.96 0.00	27.73 -0.71 0.00	26.97 -0.66 0.00	23.99 -0.24 0.00	21.52 -0.28 0.00	20.27 -0.35 0.00
LI_NEWBRDGE___DRP 323616	24.64 1.68 -4.04	18.71 1.42 -0.57	17.17 1.37 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.30 1.06 0.00	20.89 1.42 0.00	22.61 1.48 0.00	23.32 1.93 0.00	21.73 1.79 0.00	26.72 1.81 -5.25	31.01 1.88 -9.13	31.57 1.94 -9.18	31.88 2.02 -9.07	33.21 2.18 -10.23	35.33 2.39 -11.40	46.00 2.65 -19.44	43.13 2.94 -14.85	41.37 3.16 -10.01	37.51 2.99 -6.08	37.46 2.76 -7.07	35.61 2.11 -9.27	25.75 1.94 -2.00	22.39 1.63 -0.15
LOCKPORT_115KV_TB60_63_64 80432	17.97 -0.95 0.00	15.98 -0.74 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.58 -0.67 0.00	15.74 -0.50 0.00	18.86 -0.60 0.00	20.60 -0.53 0.00	20.73 -0.66 0.00	19.40 -0.54 0.00	19.11 -0.55 0.00	19.42 -0.58 0.00	19.90 -0.55 0.00	19.92 -0.87 0.00	20.25 -0.54 0.00	20.83 -0.71 0.00	23.04 -0.86 0.00	24.43 -0.91 0.00	26.93 -1.27 0.00	26.94 -1.51 0.00	26.61 -1.02 0.00	23.63 -0.61 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
LOCKPORT___CC1 323769	18.14 -0.78 0.00	15.98 -0.74 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.57 -0.69 0.00	15.77 -0.47 0.00	18.86 -0.60 0.00	20.58 -0.55 0.00	20.79 -0.60 0.00	19.40 -0.54 0.00	19.13 -0.53 0.00	19.40 -0.60 0.00	19.88 -0.57 0.00	20.28 -0.52 0.00	20.25 -0.54 0.00	20.76 -0.77 0.00	23.02 -0.88 0.00	24.25 -1.09 0.00	26.85 -1.35 0.00	26.82 -1.62 0.00	26.28 -1.35 0.00	23.58 -0.65 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
LOCKPORT___CC2 323770	18.14 -0.78 0.00	15.98 -0.74 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.57 -0.69 0.00	15.77 -0.47 0.00	18.86 -0.60 0.00	20.58 -0.55 0.00	20.79 -0.60 0.00	19.40 -0.54 0.00	19.13 -0.53 0.00	19.40 -0.60 0.00	19.88 -0.57 0.00	20.28 -0.52 0.00	20.25 -0.54 0.00	20.76 -0.77 0.00	23.02 -0.88 0.00	24.25 -1.09 0.00	26.85 -1.35 0.00	26.82 -1.62 0.00	26.28 -1.35 0.00	23.58 -0.65 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
LOCKPORT___CC3 323771	18.14 -0.78 0.00	15.98 -0.74 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.57 -0.69 0.00	15.77 -0.47 0.00	18.86 -0.60 0.00	20.58 -0.55 0.00	20.79 -0.60 0.00	19.40 -0.54 0.00	19.13 -0.53 0.00	19.40 -0.60 0.00	19.88 -0.57 0.00	20.28 -0.52 0.00	20.25 -0.54 0.00	20.76 -0.77 0.00	23.02 -0.88 0.00	24.25 -1.09 0.00	26.85 -1.35 0.00	26.82 -1.62 0.00	26.28 -1.35 0.00	23.58 -0.65 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
LONG_LAKE_PHOENIX 24014	18.69 -0.23 0.00	16.50 -0.22 0.00	15.59 -0.21 0.00	14.34 -0.19 0.00	15.04 -0.21 0.00	16.07 -0.18 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.15 -0.24 0.00	19.76 -0.18 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.57 -0.23 0.00	20.52 -0.27 0.00	21.21 -0.32 0.00	24.15 -0.38 -0.63	26.04 -0.35 -1.05	29.71 -0.39 -1.90	30.01 -0.40 -1.96	29.04 -0.33 -1.74	24.66 -0.32 -0.74	21.58 -0.22 0.00	20.51 -0.10 0.00
LOVETT___3 23632	20.11 1.19 0.00	17.70 0.99 0.00	16.80 1.01 0.00	15.43 0.90 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.48 1.01 0.00	22.31 1.18 0.00	22.82 1.43 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.42 1.42 0.00	21.92 1.47 0.00	22.35 1.56 0.00	22.52 1.73 0.00	23.94 1.90 -0.51	26.73 2.13 -0.70	33.65 2.38 -5.92	30.71 2.51 0.00	30.83 2.39 0.00	29.82 2.18 0.00	25.83 1.60 0.00	23.17 1.37 0.00	21.73 1.11 0.00
LOVETT___4 23642	20.11 1.19 0.00	17.70 0.99 0.00	16.80 1.01 0.00	15.43 0.90 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.48 1.01 0.00	22.31 1.18 0.00	22.82 1.43 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.42 1.42 0.00	21.92 1.47 0.00	22.35 1.56 0.00	22.52 1.73 0.00	23.94 1.90 -0.51	26.73 2.13 -0.70	33.65 2.38 -5.92	30.71 2.51 0.00	30.83 2.39 0.00	29.82 2.18 0.00	25.83 1.60 0.00	23.17 1.37 0.00	21.73 1.11 0.00
LOVETT___5 23593	20.11 1.19 0.00	17.70 0.99 0.00	16.80 1.01 0.00	15.43 0.90 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.48 1.01 0.00	22.31 1.18 0.00	22.82 1.43 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.42 1.42 0.00	21.92 1.47 0.00	22.35 1.56 0.00	22.52 1.73 0.00	23.94 1.90 -0.51	26.73 2.13 -0.70	33.65 2.38 -5.92	30.71 2.51 0.00	30.83 2.39 0.00	29.82 2.18 0.00	25.83 1.60 0.00	23.17 1.37 0.00	21.73 1.11 0.00
LOWER RAQUET___HYD 24057	18.23 -0.68 0.01	16.11 -0.60 0.00	15.46 -0.33 0.00	14.25 -0.28 0.00	15.05 -0.20 0.00	15.89 -0.36 0.00	18.94 -0.52 0.00	20.62 -0.51 0.00	20.81 -0.58 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.36 -0.64 0.00	19.80 -0.66 0.00	20.13 -0.67 0.00	20.00 -0.79 0.00	20.55 -0.99 0.00	22.64 -1.27 0.00	24.03 -1.32 0.00	26.93 -1.27 0.00	27.36 -1.08 0.00	26.61 -1.02 0.00	23.60 -0.63 0.00	21.34 -0.46 0.00	20.12 -0.49 0.00
LOWER___HUDSON 24059	19.82 0.91 0.00	17.58 0.87 0.00	16.63 0.84 0.00	15.30 0.77 0.00	16.00 0.75 0.00	16.99 0.75 0.00	20.38 0.92 0.00	22.04 0.91 0.00	22.29 0.90 0.00	20.73 0.80 0.00	20.46 0.81 0.00	20.86 0.86 0.00	21.29 0.84 0.00	21.73 0.94 0.00	21.71 0.91 0.00	22.57 1.01 -0.02	25.01 1.15 0.04	26.88 1.32 -0.22	29.64 1.44 0.00	29.98 1.53 0.00	29.07 1.44 0.00	25.49 1.26 0.00	22.76 0.96 0.00	21.36 0.74 0.00
LOWVILLE_115KV_TB2 356335	19.20 0.28 0.00	16.95 0.23 0.00	16.01 0.22 0.00	14.76 0.23 0.00	15.51 0.26 0.00	16.63 0.39 0.00	19.91 0.45 0.00	21.72 0.59 0.00	21.84 0.45 0.00	20.35 0.42 0.00	19.97 0.31 0.00	20.30 0.30 0.00	20.80 0.35 0.00	21.15 0.35 0.00	21.11 0.31 0.00	21.80 0.26 0.00	24.30 0.26 -0.13	25.89 0.33 -0.22	29.10 0.51 -0.39	29.62 0.77 -0.40	28.74 0.75 -0.36	25.09 0.70 -0.15	22.35 0.55 0.00	21.07 0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.05 1.13 0.00	17.70 0.99 0.00	16.72 0.93 0.00	15.40 0.87 0.00	16.11 0.85 0.00	17.12 0.88 0.00	20.60 1.13 0.00	22.29 1.16 0.00	22.57 1.18 0.00	21.01 1.08 0.00	20.74 1.08 0.00	21.10 1.10 0.00	21.54 1.08 0.00	21.90 1.10 0.00	21.92 1.12 0.00	22.78 1.23 -0.02	25.25 1.39 0.04	27.12 1.57 -0.21	29.98 1.78 0.00	30.21 1.76 0.00	29.35 1.71 0.00	25.66 1.43 0.00	23.02 1.22 0.00	21.65 1.03 0.00

LUTHERNY_35_KV_BK2 355980	20.05 1.13 0.00	17.72 1.00 0.00	16.74 0.95 0.00	15.40 0.87 0.00	16.11 0.85 0.00	17.12 0.88 0.00	20.61 1.15 0.00	22.29 1.16 0.00	22.59 1.20 0.00	21.01 1.08 0.00	20.74 1.08 0.00	21.12 1.12 0.00	21.54 1.08 0.00	21.92 1.12 0.00	21.94 1.14 0.00	22.78 1.23 -0.02	25.27 1.41 0.04	27.15 1.60 -0.21	30.01 1.80 0.00	30.24 1.79 0.00	29.37 1.74 0.00	25.69 1.45 0.00	23.04 1.24 0.00	21.65 1.03 0.00
LWR___OSWEGATCHIE_HYD 23850	18.67 -0.25 0.00	16.56 -0.15 0.00	15.70 -0.09 0.00	14.47 -0.06 0.00	15.24 -0.02 0.00	16.33 0.08 0.00	19.39 -0.08 0.00	21.13 0.00 0.00	21.28 -0.11 0.00	19.80 -0.14 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.59 -0.21 0.00	20.50 -0.29 0.00	21.11 -0.43 0.00	23.47 -0.55 -0.11	24.95 -0.58 -0.19	28.09 -0.45 -0.34	28.57 -0.23 -0.35	27.75 -0.19 -0.31	24.41 0.05 -0.13	21.80 0.00 0.00	20.55 -0.06 0.00
LYONS_FALL_HYD 23570	19.29 0.38 0.00	17.00 0.28 0.00	16.08 0.28 0.00	14.80 0.28 0.00	15.54 0.29 0.00	16.63 0.39 0.00	19.97 0.51 0.00	21.76 0.63 0.00	21.93 0.53 0.00	20.43 0.50 0.00	20.07 0.41 0.00	20.40 0.40 0.00	20.90 0.45 0.00	21.25 0.46 0.00	21.23 0.44 0.00	21.95 0.41 0.00	24.43 0.43 -0.09	26.00 0.51 -0.15	29.13 0.65 -0.28	29.50 0.77 -0.29	28.72 0.83 -0.25	25.11 0.78 -0.11	22.39 0.59 0.00	21.11 0.49 0.00
MADISON___COUNTY_LFGE 323628	19.43 0.51 0.00	17.13 0.42 0.00	16.17 0.38 0.00	14.89 0.36 0.00	15.62 0.37 0.00	16.72 0.47 0.00	20.11 0.64 0.00	21.89 0.76 0.00	22.07 0.68 0.00	20.59 0.66 0.00	20.25 0.59 0.00	20.56 0.56 0.00	21.07 0.61 0.00	21.42 0.62 0.00	21.42 0.62 0.00	22.16 0.62 0.00	24.71 0.72 -0.09	26.28 0.79 -0.15	29.41 0.93 -0.28	29.79 1.05 -0.29	28.94 1.05 -0.26	25.21 0.87 -0.11	22.54 0.74 0.00	21.28 0.66 0.00
MALONE___115KV_TB1 356076	18.25 -0.66 0.01	16.20 -0.52 0.00	15.30 -0.49 0.00	14.10 -0.42 0.00	14.93 -0.32 0.00	15.98 -0.26 0.00	19.04 -0.43 0.00	20.75 -0.38 0.00	20.88 -0.51 0.00	19.30 -0.64 0.00	19.07 -0.59 0.00	19.32 -0.68 0.00	19.76 -0.70 0.00	20.11 -0.69 0.00	20.03 -0.77 0.00	20.68 -0.86 0.00	22.97 -0.93 0.00	24.38 -0.96 0.00	27.69 -0.51 0.00	28.19 -0.26 0.00	27.52 -0.11 0.00	24.30 0.07 0.00	21.76 -0.04 0.00	20.49 -0.12 0.00
MAPLEWOD_115KV_TB3 80458	19.88 0.96 0.00	17.60 0.89 0.00	16.65 0.85 0.00	15.31 0.78 0.00	16.00 0.75 0.00	16.98 0.73 0.00	20.40 0.93 0.00	21.93 0.80 0.00	22.18 0.79 0.00	20.63 0.70 0.00	20.38 0.73 0.00	20.78 0.78 0.00	21.21 0.76 0.00	21.58 0.79 0.00	21.61 0.81 0.00	22.42 0.86 -0.02	24.79 0.93 0.04	26.68 1.12 -0.22	29.44 1.24 0.00	29.75 1.31 0.00	28.82 1.19 0.00	25.23 0.99 0.00	22.63 0.83 0.00	21.25 0.64 0.00
MAPLE_RIDGE_WT_1 323574	18.15 -0.76 0.01	16.06 -0.65 0.00	15.22 -0.57 0.00	14.05 -0.48 0.00	14.81 -0.44 0.00	15.77 -0.47 0.00	18.92 -0.54 0.00	20.58 -0.55 0.00	20.81 -0.58 0.00	19.36 -0.58 0.00	19.05 -0.61 0.00	19.32 -0.68 0.00	19.72 -0.74 0.00	20.03 -0.77 0.00	20.00 -0.79 0.00	20.76 -0.77 0.00	23.07 -0.84 0.00	24.53 -0.81 0.00	27.44 -0.76 0.00	27.82 -0.63 0.00	27.05 -0.58 0.00	23.72 -0.51 0.00	21.41 -0.39 0.00	20.22 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	18.15 -0.76 0.01	16.06 -0.65 0.00	15.22 -0.57 0.00	14.05 -0.48 0.00	14.81 -0.44 0.00	15.77 -0.47 0.00	18.92 -0.54 0.00	20.58 -0.55 0.00	20.81 -0.58 0.00	19.36 -0.58 0.00	19.05 -0.61 0.00	19.32 -0.68 0.00	19.72 -0.74 0.00	20.03 -0.77 0.00	20.00 -0.79 0.00	20.76 -0.77 0.00	23.07 -0.84 0.00	24.53 -0.81 0.00	27.44 -0.76 0.00	27.82 -0.63 0.00	27.05 -0.58 0.00	23.72 -0.51 0.00	21.41 -0.39 0.00	20.22 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	18.09 -0.81 0.01	15.98 -0.74 0.00	15.13 -0.66 0.00	13.93 -0.60 0.00	14.76 -0.49 0.00	15.72 -0.52 0.00	18.84 -0.62 0.00	20.56 -0.57 0.00	20.58 -0.81 0.00	19.02 -0.92 0.00	18.75 -0.90 0.00	19.00 -1.00 0.00	19.41 -1.04 0.00	19.73 -1.06 0.00	19.73 -1.06 0.00	20.44 -1.10 0.00	22.64 -1.27 0.00	24.13 -1.22 0.00	27.55 -0.65 0.00	28.11 -0.34 0.00	27.38 -0.25 0.00	24.09 -0.14 0.00	21.65 -0.15 0.00	20.45 -0.17 0.00
MARSHVLE_115KV_TB1 80742	19.92 1.00 0.00	17.55 0.84 0.00	16.55 0.76 0.00	15.22 0.70 0.00	15.97 0.72 0.00	17.06 0.81 0.00	20.52 1.05 0.00	22.31 1.18 0.00	22.25 0.86 0.00	20.35 0.42 0.00	20.01 0.35 0.00	20.40 0.40 0.00	20.68 0.22 0.00	21.19 0.40 0.00	21.11 0.31 0.00	22.20 0.65 -0.02	24.32 0.45 0.04	26.91 1.37 -0.20	30.37 2.17 0.00	30.83 2.39 0.00	29.96 2.32 0.00	26.07 1.84 0.00	23.48 1.68 0.00	21.98 1.36 0.00
MARSH_HILL_WT_PWR 323713	18.56 -0.36 0.00	16.35 -0.37 0.00	15.45 -0.35 0.00	14.22 -0.31 0.00	14.92 -0.34 0.00	16.16 -0.08 0.00	19.45 -0.02 0.00	21.28 0.15 0.00	21.43 0.04 0.00	19.98 0.04 0.00	19.68 0.02 0.00	19.96 -0.04 0.00	20.43 -0.02 0.00	20.84 0.04 0.00	20.82 0.02 0.00	21.39 -0.15 0.00	23.78 -0.12 0.00	25.24 -0.10 0.00	28.12 -0.08 0.00	28.22 -0.23 0.00	27.69 0.06 0.00	24.64 0.41 0.00	22.35 0.55 0.00	21.17 0.56 0.00
MCINTYRE_115KV_TB2 80467	18.40 -0.51 0.01	16.41 -0.30 0.00	15.57 -0.22 0.00	14.38 -0.15 0.00	15.19 -0.06 0.00	16.26 0.02 0.00	19.14 -0.33 0.00	20.85 -0.27 0.00	21.01 -0.39 0.00	19.50 -0.44 0.00	19.23 -0.43 0.00	19.52 -0.48 0.00	20.00 -0.45 0.00	20.34 -0.46 0.00	20.25 -0.54 0.00	20.85 -0.69 0.00	23.09 -0.81 0.00	24.36 -0.99 0.00	27.38 -0.82 0.00	27.88 -0.57 0.00	27.14 -0.50 0.00	24.06 -0.17 0.00	21.56 -0.24 0.00	20.31 -0.31 0.00
MECO_____69_KV_BK1 80468	20.60 1.68 0.00	18.17 1.45 0.00	17.09 1.30 0.00	15.73 1.21 0.00	16.50 1.25 0.00	17.64 1.40 0.00	21.34 1.87 0.00	23.16 2.03 0.00	23.21 1.82 0.00	21.31 1.38 0.00	20.95 1.30 0.00	21.32 1.32 0.00	21.64 1.19 0.00	22.04 1.25 0.00	22.00 1.21 0.00	23.06 1.51 -0.02	25.54 1.67 0.04	28.03 2.48 -0.20	31.47 3.27 0.00	31.92 3.47 0.00	31.01 3.37 0.00	27.02 2.79 0.00	24.16 2.35 0.00	22.59 1.98 0.00
MENANDS___115KV_TB5 355628	19.84 0.93 0.00	17.57 0.85 0.00	16.61 0.82 0.00	15.30 0.77 0.00	15.97 0.72 0.00	16.93 0.68 0.00	20.34 0.88 0.00	21.82 0.70 0.00	22.07 0.68 0.00	20.53 0.60 0.00	20.29 0.63 0.00	20.68 0.68 0.00	21.11 0.65 0.00	21.50 0.71 0.00	21.52 0.73 0.00	22.31 0.75 -0.02	24.67 0.81 0.04	26.56 0.99 -0.22	29.27 1.07 0.00	29.58 1.14 0.00	28.66 1.02 0.00	25.08 0.85 0.00	22.52 0.72 0.00	21.13 0.52 0.00
MG INDUSTRY___DRP 24185	19.69 0.78 0.00	17.42 0.70 0.00	16.47 0.68 0.00	15.15 0.62 0.00	15.85 0.59 0.00	16.83 0.58 0.00	20.21 0.74 0.00	21.72 0.59 0.00	21.92 0.53 0.00	20.37 0.44 0.00	20.09 0.43 0.00	20.44 0.44 0.00	20.88 0.43 0.00	21.25 0.46 0.00	21.27 0.48 0.00	22.05 0.50 -0.02	24.44 0.57 0.04	26.25 0.71 -0.19	29.02 0.82 0.00	29.30 0.85 0.00	28.44 0.80 0.00	24.89 0.65 0.00	22.37 0.57 0.00	21.05 0.43 0.00

MID___OSWEGATCHIE_HYD 23849	18.67 -0.25 0.00	16.56 -0.15 0.00	15.70 -0.09 0.00	14.47 -0.06 0.00	15.24 -0.02 0.00	16.33 0.08 0.00	19.39 -0.08 0.00	21.13 0.00 0.00	21.28 -0.11 0.00	19.80 -0.14 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.59 -0.21 0.00	20.50 -0.29 0.00	21.11 -0.43 0.00	23.47 -0.55 -0.11	24.95 -0.58 -0.19	28.09 -0.45 -0.34	28.57 -0.23 -0.35	27.75 -0.19 -0.31	24.41 0.05 -0.13	21.80 0.00 0.00	20.55 -0.06 0.00
MID___RAQUETTE_HYD 23851	18.23 -0.68 0.01	16.26 -0.45 0.00	15.46 -0.33 0.00	14.25 -0.28 0.00	15.05 -0.20 0.00	16.10 -0.15 0.00	18.94 -0.53 0.00	20.62 -0.51 0.00	20.81 -0.58 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.36 -0.64 0.00	19.80 -0.65 0.00	20.15 -0.64 0.00	20.00 -0.79 0.00	20.53 -1.01 0.00	22.71 -1.20 0.00	24.00 -1.34 0.00	26.96 -1.24 0.00	27.39 -1.05 0.00	26.67 -0.97 0.00	23.75 -0.48 0.00	21.36 -0.44 0.00	20.12 -0.49 0.00
MILLIKEN___1 23584	19.20 0.28 0.00	16.93 0.22 0.00	16.00 0.21 0.00	14.71 0.19 0.00	15.44 0.18 0.00	16.54 0.29 0.00	19.91 0.45 0.00	21.68 0.55 0.00	21.84 0.45 0.00	20.35 0.42 0.00	20.03 0.37 0.00	20.36 0.36 0.00	20.82 0.37 0.00	21.13 0.33 0.00	21.15 0.35 0.00	21.88 0.34 0.00	24.49 0.38 -0.20	26.19 0.51 -0.34	29.40 0.59 -0.61	29.73 0.65 -0.63	28.91 0.72 -0.56	25.07 0.61 -0.24	22.41 0.61 0.00	21.17 0.56 0.00
MILLIKEN___2 23585	19.20 0.28 0.00	16.93 0.22 0.00	16.00 0.21 0.00	14.71 0.19 0.00	15.44 0.18 0.00	16.54 0.29 0.00	19.91 0.45 0.00	21.68 0.55 0.00	21.84 0.45 0.00	20.35 0.42 0.00	20.03 0.37 0.00	20.36 0.36 0.00	20.82 0.37 0.00	21.13 0.33 0.00	21.15 0.35 0.00	21.88 0.34 0.00	24.49 0.38 -0.20	26.19 0.51 -0.34	29.40 0.59 -0.61	29.73 0.65 -0.63	28.91 0.72 -0.56	25.07 0.61 -0.24	22.41 0.61 0.00	21.17 0.56 0.00
MILLIKEN___DIESEL 23629	19.20 0.28 0.00	16.93 0.22 0.00	16.00 0.21 0.00	14.71 0.19 0.00	15.44 0.18 0.00	16.54 0.29 0.00	19.91 0.45 0.00	21.68 0.55 0.00	21.84 0.45 0.00	20.35 0.42 0.00	20.03 0.37 0.00	20.36 0.36 0.00	20.82 0.37 0.00	21.13 0.33 0.00	21.15 0.35 0.00	21.88 0.34 0.00	24.49 0.38 -0.20	26.19 0.51 -0.34	29.40 0.59 -0.61	29.73 0.65 -0.63	28.91 0.72 -0.56	25.07 0.61 -0.24	22.41 0.61 0.00	21.17 0.56 0.00
MILLSEAT___LFGE 323607	18.39 -0.53 0.00	16.18 -0.54 0.00	15.27 -0.52 0.00	14.09 -0.44 0.00	14.76 -0.49 0.00	15.97 -0.28 0.00	19.12 -0.35 0.00	20.94 -0.19 0.00	21.11 -0.28 0.00	19.70 -0.24 0.00	19.42 -0.24 0.00	19.70 -0.30 0.00	20.19 -0.27 0.00	20.57 -0.23 0.00	20.55 -0.25 0.00	21.08 -0.45 0.00	23.38 -0.53 0.00	24.66 -0.68 0.00	27.30 -0.90 0.00	27.31 -1.14 0.00	26.81 -0.83 0.00	23.99 -0.24 0.00	21.87 0.07 0.00	20.74 0.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.18 1.27 0.00	17.77 1.05 0.00	16.87 1.07 0.00	15.48 0.96 0.00	16.15 0.90 0.00	17.07 0.83 0.00	20.56 1.09 0.00	22.42 1.29 0.00	22.91 1.52 0.00	21.37 1.44 0.00	21.09 1.43 0.00	21.50 1.50 0.00	22.01 1.55 0.00	22.44 1.64 0.00	22.60 1.81 0.00	23.85 1.98 -0.33	26.92 2.22 -0.79	31.64 2.48 -3.81	30.82 2.62 0.00	30.92 2.47 0.00	29.90 2.27 0.00	25.93 1.70 0.00	23.26 1.46 0.00	21.79 1.18 0.00
MILLWOOD_13_KV_LOAD 356217	20.24 1.32 0.00	17.80 1.09 0.00	16.91 1.12 0.00	15.51 0.99 0.00	16.18 0.93 0.00	17.12 0.88 0.00	20.60 1.13 0.00	22.46 1.33 0.00	22.97 1.58 0.00	21.41 1.48 0.00	21.13 1.47 0.00	21.54 1.54 0.00	22.07 1.62 0.00	22.50 1.71 0.00	22.67 1.87 0.00	23.91 2.05 -0.33	26.99 2.29 -0.79	31.72 2.56 -3.81	30.91 2.71 0.00	31.03 2.59 0.00	30.01 2.38 0.00	26.00 1.77 0.00	23.30 1.50 0.00	21.85 1.24 0.00
MODEL_CITY_ENERGY 24167	18.01 -0.91 0.00	15.85 -0.87 0.00	14.97 -0.82 0.00	13.80 -0.73 0.00	14.44 -0.81 0.00	15.64 -0.60 0.00	18.71 -0.76 0.00	20.39 -0.74 0.00	20.60 -0.79 0.00	19.22 -0.72 0.00	18.95 -0.71 0.00	19.24 -0.76 0.00	19.72 -0.74 0.00	20.09 -0.71 0.00	20.07 -0.73 0.00	20.59 -0.95 0.00	22.80 -1.10 0.00	24.03 -1.32 0.00	26.60 -1.61 0.00	26.57 -1.88 0.00	26.03 -1.60 0.00	23.36 -0.87 0.00	21.36 -0.44 0.00	20.31 -0.31 0.00
MODERN_LFGE___ 323580	18.01 -0.91 0.00	15.85 -0.87 0.00	14.97 -0.82 0.00	13.80 -0.73 0.00	14.44 -0.81 0.00	15.64 -0.60 0.00	18.71 -0.76 0.00	20.39 -0.74 0.00	20.60 -0.79 0.00	19.22 -0.72 0.00	18.95 -0.71 0.00	19.24 -0.76 0.00	19.72 -0.74 0.00	20.09 -0.71 0.00	20.07 -0.73 0.00	20.59 -0.95 0.00	22.80 -1.10 0.00	24.03 -1.32 0.00	26.60 -1.61 0.00	26.57 -1.88 0.00	26.03 -1.60 0.00	23.36 -0.87 0.00	21.36 -0.44 0.00	20.31 -0.31 0.00
MOHAWK_PAPER___DRP 24187	19.88 0.96 0.00	17.60 0.89 0.00	16.65 0.85 0.00	15.31 0.78 0.00	16.00 0.75 0.00	16.98 0.73 0.00	20.40 0.93 0.00	21.93 0.80 0.00	22.18 0.79 0.00	20.63 0.70 0.00	20.38 0.73 0.00	20.78 0.78 0.00	21.21 0.76 0.00	21.58 0.79 0.00	21.61 0.81 0.00	22.42 0.86 -0.02	24.79 0.93 0.04	26.68 1.12 -0.22	29.44 1.24 0.00	29.75 1.31 0.00	28.82 1.19 0.00	25.23 0.99 0.00	22.63 0.83 0.00	21.25 0.64 0.00
MOHICAN___35_KV_115KV_LD 80490	20.28 1.36 0.00	17.90 1.19 0.00	16.90 1.11 0.00	15.54 1.02 0.00	16.27 1.02 0.00	17.30 1.06 0.00	20.87 1.40 0.00	22.59 1.46 0.00	22.89 1.50 0.00	21.27 1.34 0.00	20.99 1.34 0.00	21.38 1.38 0.00	21.80 1.35 0.00	22.17 1.37 0.00	22.17 1.37 0.00	23.04 1.49 -0.02	25.58 1.72 0.04	27.40 1.85 -0.21	30.34 2.14 0.00	30.46 2.02 0.00	29.73 2.10 0.00	25.98 1.74 0.00	23.35 1.55 0.00	21.91 1.30 0.00
MONGAUP___HYD 23641	19.97 1.06 0.00	17.60 0.89 0.00	16.66 0.87 0.00	15.30 0.77 0.00	15.97 0.72 0.00	16.98 0.73 0.00	20.36 0.90 0.00	22.10 0.97 0.00	22.57 1.18 0.00	20.99 1.06 0.00	20.64 0.98 0.00	21.02 1.02 0.00	21.51 1.06 0.00	21.98 1.18 0.00	22.06 1.27 0.00	22.89 1.42 0.07	25.72 1.58 -0.24	26.26 1.72 0.81	29.89 1.69 0.00	30.12 1.68 0.00	29.40 1.77 0.00	25.81 1.57 0.00	23.02 1.22 0.00	21.61 0.99 0.00
MONTAUK___DIESEL 23721	25.83 2.88 -4.04	19.85 2.56 -0.57	18.22 2.43 0.00	16.53 2.00 0.00	17.22 1.97 0.00	18.26 2.01 0.00	22.06 2.59 0.00	23.68 2.56 0.00	24.58 3.19 0.00	22.87 2.93 0.00	27.82 2.91 -5.25	32.29 3.16 -9.13	32.90 3.27 -9.18	33.21 3.35 -9.07	34.56 3.54 -10.23	36.79 3.86 -11.40	47.67 4.33 -19.44	44.96 4.76 -14.85	43.48 5.27 -10.01	39.47 4.95 -6.08	39.20 4.50 -7.07	37.23 3.73 -9.27	26.99 3.18 -2.00	23.56 2.80 -0.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.31 -0.61 0.00	16.33 -0.38 0.00	15.43 -0.36 0.00	14.22 -0.31 0.00	14.87 -0.38 0.00	16.11 -0.13 0.00	19.43 -0.04 0.00	21.34 0.21 0.00	21.48 0.09 0.00	20.04 0.10 0.00	19.76 0.10 0.00	20.08 0.08 0.00	20.53 0.08 0.00	20.67 -0.12 0.00	21.00 0.21 0.00	21.54 0.00 0.00	23.88 -0.02 0.00	25.32 -0.03 0.00	28.09 -0.11 0.00	28.13 -0.31 0.00	27.80 0.17 0.00	24.60 0.36 0.00	22.45 0.65 0.00	21.28 0.66 0.00

MORTIMER_115KV_TB3 55949	18.37 -0.55 0.00	16.28 -0.43 0.00	15.38 -0.41 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.97 -0.28 0.00	19.17 -0.29 0.00	20.96 -0.17 0.00	21.13 -0.26 0.00	19.76 -0.18 0.00	19.46 -0.20 0.00	19.80 -0.20 0.00	20.29 -0.16 0.00	20.42 -0.37 0.00	20.59 -0.21 0.00	21.24 -0.30 0.00	23.55 -0.36 0.00	24.99 -0.35 0.00	27.61 -0.59 0.00	27.71 -0.74 0.00	27.22 -0.41 0.00	24.01 -0.22 0.00	21.78 -0.02 0.00	20.64 0.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.35 1.44 0.00	17.89 1.17 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.69 1.23 0.00	22.61 1.48 0.00	23.12 1.73 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.69 1.89 0.00	22.87 2.08 0.00	24.17 2.30 -0.33	27.37 2.56 -0.91	31.95 2.84 -3.77	31.22 3.02 0.00	31.26 2.82 0.00	30.20 2.57 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
MUNSVILLE_WIND_PWR 323609	20.13 1.21 0.00	17.68 0.97 0.00	16.64 0.85 0.00	15.37 0.84 0.00	16.12 0.87 0.00	17.43 1.19 0.00	20.99 1.52 0.00	22.99 1.86 0.00	22.97 1.58 0.00	21.43 1.50 0.00	20.95 1.30 0.00	21.24 1.24 0.00	21.80 1.35 0.00	22.17 1.37 0.00	22.17 1.37 0.00	22.92 1.38 0.00	25.63 1.60 -0.13	27.33 1.77 -0.21	30.73 2.14 -0.38	31.14 2.30 -0.40	30.47 2.49 -0.35	26.66 2.28 -0.15	23.65 1.85 0.00	22.27 1.65 0.00
N SALMON___HYD 24042	18.23 -0.68 0.01	16.13 -0.59 0.00	15.30 -0.49 0.00	14.10 -0.42 0.00	14.93 -0.32 0.00	15.87 -0.37 0.00	19.04 -0.43 0.00	20.75 -0.38 0.00	20.88 -0.51 0.00	19.30 -0.64 0.00	19.07 -0.59 0.00	19.32 -0.68 0.00	19.76 -0.70 0.00	20.09 -0.71 0.00	20.03 -0.77 0.00	20.68 -0.86 0.00	22.90 -1.00 0.00	24.38 -0.96 0.00	27.64 -0.56 0.00	28.19 -0.26 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.74 -0.07 0.00	20.49 -0.12 0.00
N.AKRON___115KV_KNAPP 355671	18.22 -0.70 0.00	16.18 -0.53 0.00	15.29 -0.51 0.00	14.10 -0.42 0.00	14.78 -0.47 0.00	15.94 -0.31 0.00	19.14 -0.33 0.00	20.94 -0.19 0.00	21.07 -0.32 0.00	19.72 -0.22 0.00	19.40 -0.26 0.00	19.70 -0.30 0.00	20.21 -0.25 0.00	20.23 -0.56 0.00	20.57 -0.23 0.00	21.15 -0.39 0.00	23.40 -0.50 0.00	24.84 -0.51 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	27.11 -0.53 0.00	24.01 -0.22 0.00	21.89 0.09 0.00	20.76 0.14 0.00
N.BELMOR_69_KV_BK1 55787	24.81 1.85 -4.04	18.84 1.55 -0.57	17.29 1.50 0.00	15.79 1.26 0.00	16.46 1.20 0.00	17.43 1.19 0.00	21.04 1.58 0.00	22.78 1.65 0.00	23.46 2.07 0.00	21.89 1.95 0.00	26.88 1.97 -5.25	31.19 2.06 -9.13	31.75 2.13 -9.18	32.09 2.23 -9.07	33.41 2.39 -10.23	35.54 2.61 -11.40	46.21 2.87 -19.44	43.36 3.17 -14.85	41.62 3.41 -10.01	37.77 3.24 -6.08	37.74 3.04 -7.07	35.85 2.35 -9.27	25.94 2.14 -2.00	22.58 1.81 -0.15
N.E_GEN_SANDY PD 24062	19.94 1.02 0.00	17.70 0.99 0.00	16.76 0.96 0.00	15.41 0.89 0.00	16.09 0.84 0.00	17.06 0.81 0.00	20.42 0.95 0.00	22.14 1.01 0.00	22.46 1.07 0.00	20.89 0.96 0.00	20.62 0.96 0.00	21.06 1.06 0.00	21.49 1.04 0.00	22.00 1.21 0.00	22.00 1.21 0.00	22.88 1.31 -0.03	25.36 1.53 0.07	27.44 1.72 -0.37	30.03 1.83 0.00	30.35 1.91 0.00	29.38 1.74 0.00	25.71 1.48 0.00	22.91 1.11 0.00	21.46 0.85 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.14 1.23 0.00	17.73 1.02 0.00	16.84 1.04 0.00	15.44 0.92 0.00	16.11 0.85 0.00	17.04 0.80 0.00	20.52 1.05 0.00	22.35 1.23 0.00	22.87 1.48 0.00	21.31 1.38 0.00	21.03 1.38 0.00	21.44 1.44 0.00	21.94 1.49 0.00	22.40 1.60 0.00	22.54 1.75 0.00	23.87 1.92 -0.41	26.75 2.20 -0.65	32.54 2.43 -4.76	30.77 2.57 0.00	30.89 2.45 0.00	29.87 2.24 0.00	25.88 1.65 0.00	23.22 1.42 0.00	21.77 1.15 0.00
N.QUEENS_27_KV_LOAD 356247	20.53 1.61 -0.01	18.04 1.32 0.00	17.12 1.33 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.15 0.91 0.00	20.67 1.21 0.00	22.59 1.46 0.00	23.12 1.73 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.94 2.14 0.00	24.23 2.37 -0.33	27.46 2.65 -0.90	32.05 2.94 -3.76	31.33 3.13 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.10 1.87 0.00	23.46 1.66 0.00	21.93 1.32 0.00
N.TROY___115KV_TB1 355778	19.88 0.96 0.00	17.57 0.85 0.00	16.63 0.84 0.00	15.30 0.77 0.00	16.00 0.75 0.00	16.96 0.71 0.00	20.38 0.91 0.00	22.04 0.91 0.00	22.29 0.90 0.00	20.73 0.80 0.00	20.46 0.81 0.00	20.86 0.86 0.00	21.29 0.84 0.00	21.69 0.89 0.00	21.71 0.91 0.00	22.55 0.99 -0.02	24.96 1.10 0.04	26.86 1.29 -0.22	29.61 1.41 0.00	29.90 1.45 0.00	28.99 1.35 0.00	25.37 1.14 0.00	22.74 0.94 0.00	21.36 0.74 0.00
NARROWS_GT1_1 24228	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT1_2 24229	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT1_3 24230	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT1_4 24231	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT1_5 24232	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00

NARROWS_GT1_6 24233	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT1_7 24234	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT1_8 24235	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_1 24236	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_2 24237	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_3 24238	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_4 24239	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_5 24240	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_6 24241	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_7 24242	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NARROWS_GT2_8 24243	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.07 1.15 0.00	17.73 1.02 0.00	16.76 0.96 0.00	15.41 0.89 0.00	16.12 0.87 0.00	17.14 0.89 0.00	20.61 1.15 0.00	21.99 0.87 0.00	22.16 0.77 0.00	20.51 0.58 0.00	20.21 0.55 0.00	20.54 0.54 0.00	20.98 0.53 0.00	21.36 0.56 0.00	21.40 0.60 0.00	22.15 0.60 -0.01	24.61 0.74 0.03	26.43 0.94 -0.15	29.33 1.13 0.00	29.78 1.34 0.00	28.93 1.30 0.00	25.32 1.09 0.00	22.67 0.87 0.00	21.30 0.68 0.00
NCHELSEA_115KV_TR2 355582	20.18 1.27 0.00	17.77 1.05 0.00	16.85 1.06 0.00	15.47 0.94 0.00	16.14 0.88 0.00	17.09 0.84 0.00	20.54 1.07 0.00	22.35 1.23 0.00	22.87 1.48 0.00	21.27 1.34 0.00	20.99 1.34 0.00	21.38 1.38 0.00	21.90 1.45 0.00	22.33 1.54 0.00	22.48 1.68 0.00	23.38 1.83 -0.01	25.97 2.10 0.04	27.81 2.33 -0.13	30.68 2.48 0.00	30.89 2.45 0.00	29.90 2.27 0.00	25.93 1.70 0.00	23.24 1.44 0.00	21.79 1.18 0.00
NEG CAPITAL____MECHNVIL 23645	20.05 1.13 0.00	17.75 1.04 0.00	16.76 0.96 0.00	15.41 0.89 0.00	16.14 0.88 0.00	17.15 0.91 0.00	20.63 1.17 0.00	22.31 1.18 0.00	22.59 1.20 0.00	21.01 1.08 0.00	20.74 1.08 0.00	21.14 1.14 0.00	21.58 1.12 0.00	21.98 1.18 0.00	21.96 1.16 0.00	22.83 1.27 -0.02	25.32 1.46 0.04	27.20 1.65 -0.21	30.09 1.89 0.00	30.35 1.91 0.00	29.49 1.85 0.00	25.83 1.60 0.00	23.09 1.29 0.00	21.67 1.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.22 -0.70 0.00	16.05 -0.67 0.00	15.14 -0.65 0.00	13.94 -0.58 0.00	14.64 -0.61 0.00	15.74 -0.50 0.00	18.88 -0.58 0.00	20.64 -0.49 0.00	20.83 -0.56 0.00	19.44 -0.50 0.00	19.19 -0.47 0.00	19.48 -0.52 0.00	19.96 -0.49 0.00	20.25 -0.54 0.00	20.25 -0.54 0.00	20.87 -0.67 0.00	23.16 -0.74 0.00	24.51 -0.84 0.00	27.19 -1.01 0.00	27.28 -1.17 0.00	26.69 -0.94 0.00	23.63 -0.60 0.00	21.39 -0.41 0.00	20.25 -0.37 0.00



NEG CENTRAL___DRP 24199	18.78 -0.13 0.00	16.60 -0.12 0.00	15.68 -0.11 0.00	14.42 -0.10 0.00	15.13 -0.12 0.00	16.24 0.00 0.00	19.56 0.10 0.00	21.32 0.19 0.00	21.50 0.11 0.00	20.06 0.12 0.00	19.76 0.10 0.00	20.08 0.08 0.00	20.53 0.08 0.00	20.82 0.02 0.00	20.86 0.06 0.00	21.54 0.00 0.00	24.11 0.00 -0.20	25.76 0.08 -0.34	28.87 0.06 -0.61	29.11 0.03 -0.63	28.36 0.17 -0.56	24.64 0.17 -0.24	22.06 0.26 0.00	20.86 0.25 0.00
NEG CENTRAL___INDECK 23768	18.92 0.00 0.00	16.65 -0.07 0.00	15.71 -0.08 0.00	14.47 -0.06 0.00	15.19 -0.06 0.00	16.42 0.18 0.00	19.74 0.27 0.00	21.53 0.40 0.00	21.54 0.15 0.00	20.02 0.08 0.00	19.62 -0.04 0.00	19.88 -0.12 0.00	20.37 -0.08 0.00	20.75 -0.04 0.00	20.82 0.02 0.00	21.43 -0.11 0.00	23.83 -0.07 0.00	25.34 0.00 0.00	28.37 0.17 0.00	28.50 0.06 0.00	28.07 0.44 0.00	24.96 0.73 0.00	22.61 0.81 0.00	21.36 0.74 0.00
NEG CENTRAL___SENECA 23627	18.76 -0.15 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.13 -0.12 0.00	16.28 0.03 0.00	19.62 0.16 0.00	21.40 0.27 0.00	21.54 0.15 0.00	20.12 0.18 0.00	19.80 0.14 0.00	20.12 0.12 0.00	20.57 0.12 0.00	20.82 0.02 0.00	20.94 0.15 0.00	21.60 0.06 0.00	24.05 0.05 -0.10	25.66 0.15 -0.17	28.64 0.14 -0.30	28.87 0.11 -0.31	28.21 0.30 -0.27	24.64 0.29 -0.12	22.19 0.39 0.00	20.97 0.35 0.00
NEG CENTRAL___STATE_STREET 24147	18.92 0.00 0.00	16.70 -0.02 0.00	15.78 -0.02 0.00	14.50 -0.03 0.00	15.22 -0.03 0.00	16.31 0.06 0.00	19.60 0.14 0.00	21.36 0.23 0.00	21.56 0.17 0.00	20.12 0.18 0.00	19.81 0.16 0.00	20.16 0.16 0.00	20.62 0.16 0.00	20.92 0.12 0.00	20.94 0.15 0.00	21.65 0.11 0.00	24.28 0.10 -0.28	25.96 0.15 -0.46	29.21 0.17 -0.84	29.51 0.20 -0.86	28.65 0.25 -0.77	24.78 0.22 -0.33	22.08 0.28 0.00	20.86 0.25 0.00
NEG MILLWOOD___DRP 24198	20.28 1.36 0.00	17.84 1.12 0.00	16.93 1.14 0.00	15.53 1.00 0.00	16.20 0.95 0.00	17.15 0.91 0.00	20.60 1.13 0.00	22.44 1.31 0.00	22.97 1.58 0.00	21.37 1.44 0.00	21.11 1.45 0.00	21.50 1.50 0.00	22.03 1.57 0.00	22.44 1.64 0.00	22.62 1.83 0.00	23.57 1.98 -0.05	26.00 2.27 0.17	28.52 2.53 -0.64	30.91 2.71 0.00	31.06 2.62 0.00	30.07 2.43 0.00	26.10 1.87 0.00	23.35 1.55 0.00	21.89 1.28 0.00
NEG NORTH_FLCN_SEA 23793	18.28 -0.62 0.01	16.18 -0.53 0.00	15.24 -0.55 0.00	14.05 -0.48 0.00	14.90 -0.35 0.00	15.97 -0.28 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.64 -0.75 0.00	19.00 -0.94 0.00	18.77 -0.88 0.00	18.94 -1.06 0.00	19.35 -1.10 0.00	19.71 -1.08 0.00	19.71 -1.08 0.00	20.42 -1.12 0.00	22.66 -1.24 0.00	24.15 -1.19 0.00	28.03 -0.17 0.00	28.62 0.17 0.00	28.02 0.39 0.00	24.69 0.46 0.00	22.06 0.26 0.00	20.80 0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	18.13 -0.78 0.01	16.08 -0.64 0.00	15.16 -0.63 0.00	13.96 -0.57 0.00	14.79 -0.46 0.00	15.82 -0.42 0.00	18.88 -0.58 0.00	20.56 -0.57 0.00	20.64 -0.75 0.00	19.06 -0.88 0.00	18.81 -0.85 0.00	19.06 -0.94 0.00	19.47 -0.98 0.00	19.84 -0.96 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.78 -1.12 0.00	24.20 -1.14 0.00	27.55 -0.65 0.00	28.08 -0.37 0.00	27.41 -0.22 0.00	24.18 -0.05 0.00	21.65 -0.15 0.00	20.43 -0.19 0.00
NEG NORTH___ALICE_FALLS 23915	18.26 -0.64 0.01	16.18 -0.53 0.00	15.24 -0.55 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.95 -0.29 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.73 -0.66 0.00	19.08 -0.86 0.00	18.85 -0.81 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.82 -0.98 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.80 -1.10 0.00	24.28 -1.06 0.00	28.06 -0.14 0.00	28.64 0.20 0.00	28.05 0.41 0.00	24.69 0.46 0.00	22.04 0.24 0.00	20.78 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	18.26 -0.64 0.01	16.18 -0.53 0.00	15.24 -0.55 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.95 -0.29 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.73 -0.66 0.00	19.08 -0.86 0.00	18.85 -0.81 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.82 -0.98 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.80 -1.10 0.00	24.28 -1.06 0.00	28.06 -0.14 0.00	28.64 0.20 0.00	28.05 0.41 0.00	24.69 0.46 0.00	22.04 0.24 0.00	20.78 0.16 0.00
NEG NORTH___PLATTSBURG 23628	18.24 -0.66 0.01	16.13 -0.59 0.00	15.24 -0.55 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.87 -0.37 0.00	19.06 -0.41 0.00	20.79 -0.34 0.00	20.73 -0.66 0.00	19.08 -0.86 0.00	18.85 -0.81 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.80 -1.00 0.00	19.80 -1.00 0.00	20.50 -1.03 0.00	22.73 -1.17 0.00	24.28 -1.06 0.00	28.01 -0.20 0.00	28.65 0.20 0.00	27.91 0.28 0.00	24.55 0.31 0.00	22.02 0.22 0.00	20.78 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	17.95 -0.96 0.00	15.96 -0.75 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.57 -0.69 0.00	15.74 -0.50 0.00	18.86 -0.60 0.00	20.58 -0.55 0.00	20.73 -0.66 0.00	19.40 -0.54 0.00	19.11 -0.55 0.00	19.40 -0.60 0.00	19.88 -0.57 0.00	19.90 -0.89 0.00	20.25 -0.54 0.00	20.83 -0.71 0.00	23.02 -0.88 0.00	24.43 -0.91 0.00	26.93 -1.27 0.00	26.94 -1.51 0.00	26.61 -1.02 0.00	23.60 -0.63 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
NEG WEST___LANCASTR 23811	18.33 -0.59 0.00	16.28 -0.43 0.00	15.38 -0.41 0.00	14.18 -0.35 0.00	14.84 -0.41 0.00	16.02 -0.23 0.00	19.27 -0.19 0.00	20.89 -0.23 0.00	21.09 -0.30 0.00	19.72 -0.22 0.00	19.42 -0.24 0.00	19.74 -0.26 0.00	20.21 -0.25 0.00	20.30 -0.50 0.00	20.61 -0.19 0.00	21.19 -0.34 0.00	23.47 -0.43 0.00	24.91 -0.43 0.00	27.52 -0.68 0.00	27.56 -0.88 0.00	27.16 -0.47 0.00	24.01 -0.22 0.00	21.91 0.11 0.00	20.92 0.31 0.00
NEG_PENN_ALLEGHNY 23528	19.10 0.19 0.00	16.85 0.13 0.00	15.92 0.13 0.00	14.64 0.12 0.00	15.33 0.08 0.00	16.44 0.20 0.00	19.74 0.27 0.00	21.46 0.34 0.00	21.71 0.32 0.00	20.25 0.32 0.00	19.95 0.30 0.00	20.30 0.30 0.00	20.76 0.31 0.00	21.13 0.33 0.00	21.13 0.33 0.00	21.84 0.30 0.00	24.41 0.38 -0.12	25.95 0.40 -0.21	29.02 0.45 -0.37	29.17 0.34 -0.38	28.39 0.42 -0.34	24.84 0.46 -0.14	22.24 0.44 0.00	21.01 0.39 0.00
NEG___GEN_MONROE 24207	18.35 -0.57 0.00	16.26 -0.45 0.00	15.35 -0.44 0.00	14.15 -0.38 0.00	14.84 -0.41 0.00	15.95 -0.29 0.00	19.19 -0.27 0.00	20.96 -0.17 0.00	21.13 -0.26 0.00	19.76 -0.18 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.27 -0.18 0.00	20.38 -0.42 0.00	20.54 -0.25 0.00	21.17 -0.37 0.00	23.47 -0.43 0.00	24.91 -0.43 0.00	27.52 -0.68 0.00	27.62 -0.82 0.00	27.11 -0.53 0.00	23.97 -0.27 0.00	21.78 -0.02 0.00	20.68 0.06 0.00
NEPA___ENERGY 23901	18.29 -0.62 0.00	16.26 -0.45 0.00	15.38 -0.41 0.00	14.18 -0.35 0.00	14.81 -0.44 0.00	16.00 -0.24 0.00	19.25 -0.21 0.00	20.98 -0.15 0.00	21.18 -0.21 0.00	19.80 -0.14 0.00	19.50 -0.16 0.00	19.82 -0.18 0.00	20.27 -0.18 0.00	20.38 -0.42 0.00	20.69 -0.10 0.00	21.28 -0.26 0.00	23.57 -0.33 0.00	25.01 -0.33 0.00	27.67 -0.54 0.00	27.71 -0.74 0.00	27.30 -0.33 0.00	24.13 -0.10 0.00	22.00 0.20 0.00	20.90 0.29 0.00

NEVERSINK___HYD 23608	19.77 0.85 0.00	17.40 0.69 0.00	16.47 0.68 0.00	15.11 0.58 0.00	15.79 0.53 0.00	16.76 0.52 0.00	20.11 0.64 0.00	21.91 0.78 0.00	22.44 1.05 0.00	20.89 0.96 0.00	20.58 0.92 0.00	20.96 0.96 0.00	21.47 1.02 0.00	21.94 1.14 0.00	22.06 1.27 0.00	22.92 1.40 0.02	25.69 1.74 -0.05	26.95 1.85 0.25	30.20 2.00 0.00	30.41 1.96 0.00	29.51 1.88 0.00	25.69 1.45 0.00	22.87 1.07 0.00	21.44 0.83 0.00
NEWKRMKL_115KV_TB1 55635	19.79 0.87 0.00	17.50 0.79 0.00	16.57 0.77 0.00	15.24 0.71 0.00	15.91 0.66 0.00	16.88 0.63 0.00	20.28 0.82 0.00	21.70 0.57 0.00	21.95 0.56 0.00	20.43 0.50 0.00	20.17 0.51 0.00	20.56 0.56 0.00	20.98 0.53 0.00	21.38 0.58 0.00	21.40 0.60 0.00	22.18 0.62 -0.02	24.51 0.65 0.04	26.37 0.81 -0.22	29.08 0.87 0.00	29.36 0.91 0.00	28.44 0.80 0.00	24.89 0.65 0.00	22.37 0.57 0.00	21.01 0.39 0.00
NEWTON___FALLS_HYD 23847	18.67 -0.25 0.00	16.56 -0.15 0.00	15.70 -0.09 0.00	14.47 -0.06 0.00	15.24 -0.02 0.00	16.33 0.08 0.00	19.39 -0.08 0.00	21.13 0.00 0.00	21.28 -0.11 0.00	19.80 -0.14 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.59 -0.21 0.00	20.50 -0.29 0.00	21.11 -0.43 0.00	23.47 -0.55 -0.11	24.95 -0.58 -0.19	28.09 -0.45 -0.34	28.57 -0.23 -0.35	27.75 -0.19 -0.31	24.41 0.05 -0.13	21.80 0.00 0.00	20.55 -0.06 0.00
NGRID_A1_DSASP 323792	17.74 -1.17 0.00	15.66 -1.05 0.00	14.75 -1.04 0.00	13.61 -0.91 0.00	14.25 -1.01 0.00	15.45 -0.80 0.00	18.45 -1.01 0.00	20.09 -1.03 0.00	20.30 -1.09 0.00	18.96 -0.98 0.00	18.69 -0.96 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.80 -1.00 0.00	19.78 -1.02 0.00	20.29 -1.25 0.00	22.47 -1.43 0.00	23.67 -1.67 0.00	26.17 -2.03 0.00	26.17 -2.28 0.00	25.62 -2.02 0.00	23.00 -1.23 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
NGRID_A2_DSASP 323793	17.74 -1.17 0.00	15.66 -1.05 0.00	14.75 -1.04 0.00	13.61 -0.91 0.00	14.25 -1.01 0.00	15.45 -0.80 0.00	18.45 -1.01 0.00	20.09 -1.03 0.00	20.30 -1.09 0.00	18.96 -0.98 0.00	18.69 -0.96 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.80 -1.00 0.00	19.78 -1.02 0.00	20.29 -1.25 0.00	22.47 -1.43 0.00	23.67 -1.67 0.00	26.17 -2.03 0.00	26.17 -2.28 0.00	25.62 -2.02 0.00	23.00 -1.23 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
NGRID_A4_DSASP 323807	17.74 -1.17 0.00	15.66 -1.05 0.00	14.75 -1.04 0.00	13.61 -0.91 0.00	14.25 -1.01 0.00	15.45 -0.80 0.00	18.45 -1.01 0.00	20.09 -1.03 0.00	20.30 -1.09 0.00	18.96 -0.98 0.00	18.69 -0.96 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.80 -1.00 0.00	19.78 -1.02 0.00	20.29 -1.25 0.00	22.47 -1.43 0.00	23.67 -1.67 0.00	26.17 -2.03 0.00	26.17 -2.28 0.00	25.62 -2.02 0.00	23.00 -1.23 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
NIAGARA_115E_LBMP 323715	17.91 -1.00 0.00	15.76 -0.95 0.00	14.89 -0.90 0.00	13.74 -0.78 0.00	14.38 -0.87 0.00	15.56 -0.68 0.00	18.63 -0.84 0.00	20.28 -0.85 0.00	20.49 -0.90 0.00	19.14 -0.80 0.00	18.87 -0.79 0.00	19.14 -0.86 0.00	19.61 -0.84 0.00	19.98 -0.81 0.00	19.96 -0.83 0.00	20.48 -1.05 0.00	22.69 -1.22 0.00	23.90 -1.44 0.00	26.45 -1.75 0.00	26.43 -2.02 0.00	25.89 -1.74 0.00	23.24 -0.99 0.00	21.26 -0.54 0.00	20.20 -0.41 0.00
NIAGARA_115W_LBMP 323714	17.69 -1.23 0.00	15.61 -1.10 0.00	14.72 -1.07 0.00	13.57 -0.96 0.00	14.20 -1.05 0.00	15.42 -0.83 0.00	18.41 -1.05 0.00	20.03 -1.10 0.00	20.26 -1.13 0.00	18.90 -1.04 0.00	18.63 -1.02 0.00	18.92 -1.08 0.00	19.37 -1.08 0.00	19.76 -1.04 0.00	19.71 -1.08 0.00	20.22 -1.31 0.00	22.40 -1.51 0.00	23.60 -1.75 0.00	26.12 -2.09 0.00	26.08 -2.36 0.00	25.56 -2.07 0.00	22.95 -1.29 0.00	20.99 -0.81 0.00	19.95 -0.66 0.00
NIAGARA_230_LBMP 323716	17.97 -0.95 0.00	15.85 -0.87 0.00	14.96 -0.84 0.00	13.79 -0.74 0.00	14.43 -0.82 0.00	15.63 -0.62 0.00	18.71 -0.76 0.00	20.35 -0.78 0.00	20.58 -0.81 0.00	19.20 -0.74 0.00	18.93 -0.73 0.00	19.20 -0.80 0.00	19.67 -0.78 0.00	20.05 -0.75 0.00	20.03 -0.77 0.00	20.55 -0.99 0.00	22.78 -1.12 0.00	24.00 -1.34 0.00	26.57 -1.64 0.00	26.54 -1.91 0.00	25.98 -1.66 0.00	23.31 -0.92 0.00	21.30 -0.50 0.00	20.26 -0.35 0.00
NIAGARA___115KV_198_GIBSON 55903	17.50 -1.42 0.00	15.58 -1.14 0.00	14.72 -1.07 0.00	13.57 -0.96 0.00	14.20 -1.05 0.00	15.38 -0.86 0.00	18.42 -1.05 0.00	20.05 -1.08 0.00	20.19 -1.20 0.00	18.90 -1.04 0.00	18.62 -1.04 0.00	18.92 -1.08 0.00	19.37 -1.08 0.00	19.38 -1.41 0.00	19.71 -1.08 0.00	20.29 -1.25 0.00	22.42 -1.48 0.00	23.77 -1.57 0.00	26.20 -2.00 0.00	26.20 -2.25 0.00	25.87 -1.77 0.00	22.97 -1.26 0.00	20.99 -0.81 0.00	19.96 -0.66 0.00
NIAGARA____ 23760	17.97 -0.95 0.00	15.85 -0.87 0.00	14.96 -0.84 0.00	13.79 -0.74 0.00	14.43 -0.82 0.00	15.63 -0.62 0.00	18.71 -0.76 0.00	20.35 -0.78 0.00	20.58 -0.81 0.00	19.20 -0.74 0.00	18.93 -0.73 0.00	19.20 -0.80 0.00	19.67 -0.78 0.00	20.05 -0.75 0.00	20.03 -0.77 0.00	20.55 -0.99 0.00	22.78 -1.12 0.00	24.00 -1.34 0.00	26.57 -1.64 0.00	26.54 -1.91 0.00	25.98 -1.66 0.00	23.31 -0.92 0.00	21.30 -0.50 0.00	20.26 -0.35 0.00
NINE_MILE_1 23575	18.46 -0.45 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.87 -0.37 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.17 -0.49 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.19 -0.60 0.00	20.19 -0.60 0.00	20.87 -0.67 0.00	20.95 -0.74 2.21	20.87 -0.79 3.69	20.68 -0.87 6.65	20.64 -0.94 6.87	20.69 -0.86 6.09	20.94 -0.70 2.59	21.21 -0.59 0.00	20.20 -0.41 0.00
NINE_MILE_2 23744	18.46 -0.45 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.89 -0.36 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.17 -0.49 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.19 -0.60 0.00	20.19 -0.60 0.00	20.87 -0.67 0.00	20.92 -0.74 2.25	20.82 -0.79 3.74	20.58 -0.87 6.75	20.53 -0.94 6.97	20.60 -0.86 6.18	20.90 -0.70 2.63	21.21 -0.59 0.00	20.20 -0.41 0.00
NM_CAPITAL___DRP 24208	19.82 0.91 0.00	17.53 0.82 0.00	16.60 0.81 0.00	15.27 0.74 0.00	15.95 0.70 0.00	16.91 0.67 0.00	20.30 0.84 0.00	21.78 0.65 0.00	22.03 0.64 0.00	20.49 0.56 0.00	20.25 0.59 0.00	20.64 0.64 0.00	21.07 0.61 0.00	21.46 0.67 0.00	21.48 0.69 0.00	22.27 0.71 -0.02	24.60 0.74 0.04	26.48 0.91 -0.22	29.19 0.99 0.00	29.50 1.05 0.00	28.57 0.94 0.00	25.01 0.78 0.00	22.45 0.65 0.00	21.09 0.47 0.00
NM_CENTRAL___DRP 24181	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.16 -0.08 0.00	19.41 -0.06 0.00	21.09 -0.04 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.89 -0.19 -0.17	25.46 -0.18 -0.29	28.50 -0.23 -0.52	28.76 -0.23 -0.54	27.95 -0.17 -0.48	24.27 -0.17 -0.20	21.71 -0.09 0.00	20.64 0.02 0.00

NM_FRONTIER___DRP 24179	17.50 -1.42 0.00	15.58 -1.14 0.00	14.72 -1.07 0.00	13.57 -0.96 0.00	14.20 -1.05 0.00	15.38 -0.86 0.00	18.42 -1.05 0.00	20.05 -1.08 0.00	20.19 -1.20 0.00	18.90 -1.04 0.00	18.62 -1.04 0.00	18.92 -1.08 0.00	19.37 -1.08 0.00	19.38 -1.41 0.00	19.71 -1.08 0.00	20.29 -1.25 0.00	22.42 -1.48 0.00	23.77 -1.57 0.00	26.20 -2.00 0.00	26.20 -2.25 0.00	25.87 -1.77 0.00	22.97 -1.26 0.00	20.99 -0.81 0.00	19.96 -0.66 0.00
NM_ST_REGIS___HYD 24053	18.21 -0.70 0.01	16.23 -0.48 0.00	15.40 -0.39 0.00	14.21 -0.32 0.00	15.01 -0.24 0.00	16.05 -0.19 0.00	18.94 -0.53 0.00	20.64 -0.49 0.00	20.81 -0.58 0.00	19.30 -0.64 0.00	19.05 -0.61 0.00	19.32 -0.68 0.00	19.78 -0.67 0.00	20.11 -0.69 0.00	19.98 -0.81 0.00	20.55 -0.99 0.00	22.76 -1.15 0.00	24.08 -1.27 0.00	27.13 -1.07 0.00	27.59 -0.85 0.00	26.86 -0.77 0.00	23.87 -0.36 0.00	21.43 -0.37 0.00	20.20 -0.41 0.00
NORTHPORT___1 23551	24.90 1.95 -4.04	19.01 1.72 -0.57	17.44 1.64 0.00	15.89 1.37 0.00	16.55 1.30 0.00	17.59 1.35 0.00	21.18 1.71 0.00	22.94 1.82 0.00	23.59 2.20 0.00	21.97 2.03 0.00	26.92 2.01 -5.25	31.23 2.10 -9.13	31.79 2.17 -9.18	32.19 2.33 -9.07	33.45 2.43 -10.23	35.59 2.65 -11.40	46.40 3.06 -19.44	43.44 3.24 -14.85	41.74 3.52 -10.01	37.94 3.41 -6.08	37.88 3.18 -7.07	36.09 2.59 -9.27	26.07 2.27 -2.00	22.70 1.94 -0.15
NORTHPORT___2 23552	24.90 1.95 -4.04	19.01 1.72 -0.57	17.44 1.64 0.00	15.89 1.37 0.00	16.55 1.30 0.00	17.59 1.35 0.00	21.18 1.71 0.00	22.94 1.82 0.00	23.59 2.20 0.00	21.97 2.03 0.00	26.92 2.01 -5.25	31.23 2.10 -9.13	31.79 2.17 -9.18	32.19 2.33 -9.07	33.45 2.43 -10.23	35.59 2.65 -11.40	46.40 3.06 -19.44	43.44 3.24 -14.85	41.74 3.52 -10.01	37.94 3.41 -6.08	37.88 3.18 -7.07	36.09 2.59 -9.27	26.07 2.27 -2.00	22.70 1.94 -0.15
NORTHPORT___3 23553	24.73 1.78 -4.04	18.83 1.54 -0.57	17.24 1.45 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.43 1.19 0.00	20.99 1.52 0.00	22.78 1.65 0.00	23.42 2.03 0.00	21.85 1.91 0.00	26.84 1.93 -5.25	31.03 1.90 -9.13	31.55 1.92 -9.18	31.90 2.04 -9.07	33.14 2.12 -10.23	35.29 2.35 -11.40	46.07 2.72 -19.44	43.10 2.91 -14.85	41.34 3.13 -10.01	37.51 2.99 -6.08	37.44 2.74 -7.07	35.66 2.16 -9.27	25.85 2.05 -2.00	22.51 1.75 -0.15
NORTHPORT___4 23650	24.73 1.78 -4.04	18.83 1.54 -0.57	17.24 1.45 0.00	15.75 1.22 0.00	16.41 1.16 0.00	17.43 1.19 0.00	20.99 1.52 0.00	22.78 1.65 0.00	23.42 2.03 0.00	21.83 1.89 0.00	26.84 1.93 -5.25	31.01 1.88 -9.13	31.53 1.90 -9.18	31.88 2.02 -9.07	31.88 2.10 -8.99	31.90 2.33 -8.04	31.90 2.70 -5.30	32.06 2.89 -3.83	35.38 3.13 -4.05	32.06 2.99 -0.63	32.06 2.74 -1.69	35.66 2.16 -9.27	25.85 2.05 -2.00	22.51 1.75 -0.15
NORTHPORT___IC 23718	24.90 1.95 -4.04	18.98 1.69 -0.57	17.44 1.64 0.00	15.89 1.37 0.00	16.55 1.30 0.00	17.54 1.30 0.00	21.18 1.71 0.00	22.88 1.75 0.00	23.59 2.20 0.00	21.97 2.03 0.00	26.92 2.01 -5.25	31.23 2.10 -9.13	31.80 2.17 -9.18	32.13 2.27 -9.07	33.45 2.43 -10.23	35.57 2.63 -11.40	46.31 2.96 -19.44	43.41 3.22 -14.85	41.71 3.50 -10.01	37.88 3.36 -6.08	37.79 3.09 -7.07	35.90 2.40 -9.27	26.07 2.27 -2.00	22.70 1.94 -0.15
NORTH___COUNTRY_ESR 323785	18.09 -0.81 0.01	15.98 -0.74 0.00	15.13 -0.66 0.00	13.93 -0.60 0.00	14.76 -0.49 0.00	15.71 -0.54 0.00	18.82 -0.64 0.00	20.51 -0.61 0.00	20.60 -0.79 0.00	19.04 -0.90 0.00	18.79 -0.86 0.00	19.04 -0.96 0.00	19.45 -1.00 0.00	19.80 -1.00 0.00	19.78 -1.02 0.00	20.48 -1.05 0.00	22.69 -1.22 0.00	24.15 -1.19 0.00	27.47 -0.73 0.00	27.99 -0.46 0.00	27.25 -0.39 0.00	23.97 -0.27 0.00	21.56 -0.24 0.00	20.37 -0.25 0.00
NPX_GEN_1385_PROXY 323591	24.71 1.76 -4.04	18.98 1.69 -0.57	17.40 1.61 0.00	15.86 1.34 0.00	16.53 1.28 0.00	17.56 1.32 0.00	21.16 1.69 0.00	22.90 1.77 0.00	23.46 2.07 0.00	21.83 1.89 0.00	26.66 1.75 -5.25	26.53 1.82 -4.71	26.58 1.86 -4.27	26.92 2.02 -4.11	27.59 2.12 -4.67	28.58 2.33 -4.72	30.18 2.72 -3.55	35.39 2.89 -7.16	38.00 3.10 -6.70	37.79 3.27 -6.08	37.60 2.90 -7.07	33.72 2.23 -7.26	25.96 2.16 -2.00	22.62 1.86 -0.15
NPX_GEN_CSC 323557	25.11 2.16 -4.04	19.31 2.02 -0.57	17.72 1.93 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	22.99 1.86 0.00	23.70 2.31 0.00	22.01 2.07 0.00	26.94 2.03 -5.25	31.31 2.18 -9.13	31.88 2.25 -9.18	32.30 2.43 -9.07	33.54 2.52 -10.23	35.70 2.76 -11.40	46.47 3.13 -19.44	43.56 3.37 -14.85	41.90 3.69 -10.01	38.05 3.53 -6.08	37.90 3.20 -7.07	36.26 2.76 -9.27	26.16 2.36 -2.00	22.76 2.00 -0.15
NSINS_S_GLNS_FALLS 23858	20.28 1.36 0.00	17.92 1.20 0.00	16.90 1.11 0.00	15.56 1.03 0.00	16.29 1.04 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.61 1.48 0.00	22.91 1.52 0.00	21.29 1.36 0.00	21.03 1.38 0.00	21.40 1.40 0.00	21.82 1.37 0.00	22.19 1.39 0.00	22.19 1.39 0.00	23.06 1.51 -0.02	25.63 1.77 0.04	27.40 1.85 -0.21	30.34 2.14 0.00	30.46 2.02 0.00	29.73 2.10 0.00	25.98 1.74 0.00	23.37 1.57 0.00	21.93 1.32 0.00
NUCOR_STEEL___DRP 24197	18.95 0.04 0.00	16.73 0.02 0.00	15.81 0.02 0.00	14.53 0.00 0.00	15.25 0.00 0.00	16.33 0.08 0.00	19.64 0.18 0.00	21.36 0.23 0.00	21.56 0.17 0.00	20.12 0.18 0.00	19.81 0.16 0.00	20.14 0.14 0.00	20.57 0.12 0.00	20.90 0.10 0.00	20.90 0.10 0.00	21.60 0.06 0.00	24.25 0.05 -0.30	25.97 0.13 -0.50	29.21 0.11 -0.90	29.52 0.14 -0.93	28.68 0.22 -0.82	24.78 0.19 -0.35	22.06 0.26 0.00	20.88 0.27 0.00
NUMBER_THREE_WT_PWR 323818	19.20 0.28 0.00	16.92 0.20 0.00	16.00 0.20 0.00	14.74 0.22 0.00	15.50 0.24 0.00	16.59 0.34 0.00	19.89 0.43 0.00	21.70 0.57 0.00	21.84 0.45 0.00	20.33 0.40 0.00	19.97 0.31 0.00	20.28 0.28 0.00	20.78 0.33 0.00	21.11 0.31 0.00	21.09 0.29 0.00	21.77 0.24 0.00	24.25 0.21 -0.13	25.85 0.28 -0.22	29.05 0.45 -0.40	29.49 0.63 -0.42	28.69 0.69 -0.37	25.07 0.68 -0.16	22.32 0.52 0.00	21.05 0.43 0.00
NYISO_LBMP_REFERENCE 24008	18.92 0.00 0.00	16.72 0.00 0.00	15.79 0.00 0.00	14.53 0.00 0.00	15.25 0.00 0.00	16.24 0.00 0.00	19.47 0.00 0.00	21.13 0.00 0.00	21.39 0.00 0.00	19.94 0.00 0.00	19.66 0.00 0.00	20.00 0.00 0.00	20.45 0.00 0.00	20.79 0.00 0.00	20.79 0.00 0.00	21.54 0.00 0.00	23.90 0.00 0.00	25.34 0.00 0.00	28.20 0.00 0.00	28.45 0.00 0.00	27.63 0.00 0.00	24.23 0.00 0.00	21.80 0.00 0.00	20.62 0.00 0.00
NYPA_BRENTWD____GT 24164	25.13 2.17 -4.04	19.21 1.92 -0.57	17.61 1.82 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	23.16 2.03 0.00	23.83 2.44 0.00	22.21 2.27 0.00	27.15 2.24 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.75 2.72 -10.23	35.89 2.95 -11.40	46.79 3.44 -19.44	43.69 3.50 -14.85	42.02 3.81 -10.01	38.20 3.67 -6.08	38.27 3.57 -7.07	36.46 2.96 -9.27	26.35 2.55 -2.00	22.95 2.18 -0.15

NYPA_GOWANUS____GT5 24156	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NYPA_GOWANUS____GT6 24157	20.55 1.63 -0.01	18.02 1.30 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.19 0.94 0.00	20.69 1.23 0.00	22.65 1.52 0.00	23.14 1.75 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.84 1.84 0.00	22.35 1.90 0.00	22.89 2.10 0.00	23.02 2.23 0.00	24.39 2.48 -0.38	37.86 2.89 -11.06	34.72 3.09 -6.28	40.96 3.33 -9.43	31.57 3.13 0.00	30.48 2.85 0.00	26.41 2.18 0.00	23.55 1.74 0.00	22.02 1.40 0.00
NYPA_HARLEM__RVR__GT1 24160	20.49 1.57 -0.01	18.04 1.32 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.15 0.91 0.01	20.63 1.17 0.01	22.56 1.44 0.01	23.07 1.69 0.01	21.56 1.64 0.01	21.28 1.63 0.01	21.71 1.72 0.01	22.24 1.80 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.02 2.91 -3.76	31.30 3.10 0.00	31.34 2.90 0.01	30.22 2.60 0.01	26.21 1.99 0.01	23.41 1.61 0.00	21.89 1.28 0.00
NYPA_HARLEM__RVR__GT2 24161	20.49 1.57 -0.01	18.04 1.32 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.15 0.91 0.01	20.63 1.17 0.01	22.56 1.44 0.01	23.07 1.69 0.01	21.56 1.64 0.01	21.28 1.63 0.01	21.71 1.72 0.01	22.24 1.80 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.02 2.91 -3.76	31.30 3.10 0.00	31.34 2.90 0.01	30.22 2.60 0.01	26.21 1.99 0.01	23.41 1.61 0.00	21.89 1.28 0.00
NYPA_KENT____GT 24152	20.51 1.59 -0.01	18.00 1.29 0.00	17.07 1.28 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.20 0.96 0.00	20.71 1.25 0.00	22.65 1.52 0.00	23.16 1.77 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.87 2.08 0.00	23.00 2.20 0.00	24.35 2.45 -0.36	34.18 2.84 -7.44	33.79 3.07 -5.38	36.87 3.27 -5.40	31.52 3.07 0.00	30.42 2.79 0.00	26.36 2.13 0.00	23.52 1.72 0.00	22.00 1.38 0.00
NYPA_POUCH1____GT 24155	20.53 1.61 -0.01	18.00 1.29 0.00	17.07 1.28 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.65 1.19 0.00	22.56 1.44 0.00	23.06 1.67 0.00	21.57 1.64 0.00	21.31 1.65 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.83 2.04 0.00	22.98 2.18 0.00	24.33 2.41 -0.38	37.76 2.80 -11.06	34.64 3.01 -6.28	40.88 3.24 -9.43	31.49 3.05 0.00	30.42 2.79 0.00	26.36 2.13 0.00	23.52 1.72 0.00	22.00 1.38 0.00
NYPA_VERNON____GT2 24162	20.46 1.53 -0.01	17.98 1.27 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.34 1.08 0.00	17.22 0.97 0.00	20.73 1.26 0.00	22.65 1.52 0.00	23.16 1.77 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.33 1.88 0.00	22.85 2.06 0.00	22.98 2.18 0.00	24.28 2.41 -0.33	30.53 2.82 -3.81	32.84 3.01 -4.48	32.81 3.24 -1.37	31.46 3.01 0.00	30.37 2.74 0.00	26.34 2.11 0.00	23.50 1.70 0.00	21.98 1.36 0.00
NYPA_VERNON____GT3 24163	20.46 1.53 -0.01	17.98 1.27 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.34 1.08 0.00	17.22 0.97 0.00	20.73 1.26 0.00	22.65 1.52 0.00	23.16 1.77 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.33 1.88 0.00	22.85 2.06 0.00	22.98 2.18 0.00	24.28 2.41 -0.33	30.53 2.82 -3.81	32.84 3.01 -4.48	32.81 3.24 -1.37	31.46 3.01 0.00	30.37 2.74 0.00	26.34 2.11 0.00	23.50 1.70 0.00	21.98 1.36 0.00
NYPA__ASTORIA_CC1 323568	20.45 1.53 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.83 2.04 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	29.02 2.77 -2.34	32.45 2.99 -4.12	31.39 3.19 0.00	31.43 2.99 0.00	30.34 2.71 0.00	26.29 2.06 0.00	23.46 1.66 0.00	21.95 1.34 0.00
NYPA__ASTORIA_CC2 323569	20.45 1.53 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.83 2.04 0.00	22.94 2.14 0.00	24.25 2.39 -0.33	29.02 2.77 -2.34	32.45 2.99 -4.12	31.39 3.19 0.00	31.43 2.99 0.00	30.34 2.71 0.00	26.29 2.06 0.00	23.46 1.66 0.00	21.95 1.34 0.00
NYPA__HOLTSVILL 23794	25.09 2.14 -4.04	19.19 1.90 -0.57	17.59 1.80 0.00	16.01 1.48 0.00	16.69 1.43 0.00	17.72 1.48 0.00	21.35 1.89 0.00	23.07 1.94 0.00	23.76 2.37 0.00	22.11 2.17 0.00	27.02 2.10 -5.25	31.37 2.24 -9.13	31.92 2.29 -9.18	32.34 2.47 -9.07	33.58 2.56 -10.23	35.72 2.78 -11.40	46.55 3.20 -19.44	43.61 3.42 -14.85	41.93 3.72 -10.01	38.11 3.58 -6.08	37.99 3.29 -7.07	36.26 2.76 -9.27	26.27 2.46 -2.00	22.86 2.10 -0.15
NYPA__HELLGATE_GT1 24158	20.49 1.57 -0.01	18.04 1.32 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.15 0.91 0.01	20.63 1.17 0.01	22.56 1.44 0.01	23.07 1.69 0.01	21.56 1.64 0.01	21.28 1.63 0.01	21.71 1.72 0.01	22.24 1.80 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.02 2.91 -3.76	31.30 3.10 0.00	31.34 2.90 0.01	30.22 2.60 0.01	26.21 1.99 0.01	23.41 1.61 0.00	21.89 1.28 0.00
NYPA__HELLGATE_GT2 24159	20.49 1.57 -0.01	18.04 1.32 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.38 1.13 0.00	17.15 0.91 0.01	20.63 1.17 0.01	22.56 1.44 0.01	23.07 1.69 0.01	21.56 1.64 0.01	21.28 1.63 0.01	21.71 1.72 0.01	22.24 1.80 0.01	22.76 1.98 0.01	22.89 2.10 0.01	24.18 2.33 -0.32	27.51 2.70 -0.90	32.02 2.91 -3.76	31.30 3.10 0.00	31.34 2.90 0.01	30.22 2.60 0.01	26.21 1.99 0.01	23.41 1.61 0.00	21.89 1.28 0.00
NYS_BARGE____HYD 23848	18.16 -0.76 0.00	15.98 -0.74 0.00	15.08 -0.71 0.00	13.92 -0.61 0.00	14.58 -0.67 0.00	15.77 -0.47 0.00	18.86 -0.60 0.00	20.58 -0.55 0.00	20.79 -0.60 0.00	19.40 -0.54 0.00	19.13 -0.53 0.00	19.42 -0.58 0.00	19.90 -0.55 0.00	20.28 -0.52 0.00	20.25 -0.54 0.00	20.76 -0.77 0.00	23.02 -0.88 0.00	24.25 -1.09 0.00	26.85 -1.35 0.00	26.82 -1.62 0.00	26.31 -1.33 0.00	23.60 -0.63 0.00	21.56 -0.24 0.00	20.49 -0.12 0.00
OAK ORCHARD____HYD 24046	18.50 -0.42 0.00	16.30 -0.42 0.00	15.38 -0.41 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.98 -0.26 0.00	19.17 -0.29 0.00	20.96 -0.17 0.00	21.16 -0.23 0.00	19.76 -0.18 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.29 -0.16 0.00	20.61 -0.19 0.00	20.59 -0.21 0.00	21.22 -0.32 0.00	23.52 -0.38 0.00	24.86 -0.48 0.00	27.58 -0.62 0.00	27.62 -0.83 0.00	27.03 -0.61 0.00	24.01 -0.22 0.00	21.76 -0.04 0.00	20.64 0.02 0.00

OAKDALE___35_KV_LOAD 356122	19.01 0.09 0.00	16.80 0.08 0.00	15.89 0.09 0.00	14.61 0.09 0.00	15.30 0.05 0.00	16.36 0.11 0.00	19.66 0.19 0.00	21.38 0.25 0.00	21.63 0.24 0.00	20.18 0.24 0.00	19.87 0.22 0.00	20.22 0.22 0.00	20.68 0.22 0.00	20.98 0.19 0.00	21.06 0.27 0.00	21.77 0.24 0.00	24.29 0.26 -0.12	25.90 0.35 -0.20	28.90 0.34 -0.36	29.13 0.31 -0.37	28.32 0.36 -0.33	24.66 0.29 -0.14	22.13 0.33 0.00	20.95 0.33 0.00
OCC_CHEM___DRP 24175	17.55 -1.36 0.00	15.61 -1.10 0.00	14.75 -1.04 0.00	13.61 -0.92 0.00	14.25 -1.01 0.00	15.42 -0.83 0.00	18.45 -1.01 0.00	20.09 -1.04 0.00	20.26 -1.13 0.00	18.96 -0.98 0.00	18.65 -1.00 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.42 -1.37 0.00	19.78 -1.02 0.00	20.35 -1.18 0.00	22.49 -1.41 0.00	23.85 -1.50 0.00	26.28 -1.92 0.00	26.28 -2.16 0.00	25.95 -1.69 0.00	23.02 -1.21 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
OH_GEN_PROXY 24063	17.99 -0.93 0.00	15.86 -0.85 0.00	14.97 -0.82 0.00	13.80 -0.73 0.00	14.44 -0.81 0.00	15.64 -0.60 0.00	18.73 -0.74 0.00	20.37 -0.76 0.00	20.60 -0.79 0.00	19.24 -0.70 0.00	18.95 -0.71 0.00	19.24 -0.76 0.00	19.70 -0.76 0.00	20.07 -0.73 0.00	20.05 -0.75 0.00	20.59 -0.95 0.00	22.80 -1.10 0.00	24.05 -1.29 0.00	26.62 -1.58 0.00	26.60 -1.85 0.00	26.06 -1.57 0.00	23.34 -0.90 0.00	21.32 -0.48 0.00	20.28 -0.33 0.00
OLIN_CORP_DRP 24177	17.76 -1.15 0.00	15.80 -0.92 0.00	14.92 -0.87 0.00	13.76 -0.77 0.00	14.40 -0.85 0.00	15.55 -0.70 0.00	18.65 -0.82 0.00	20.32 -0.80 0.00	20.47 -0.92 0.00	19.16 -0.78 0.00	18.87 -0.79 0.00	19.18 -0.82 0.00	19.63 -0.82 0.00	19.65 -1.14 0.00	20.00 -0.79 0.00	20.57 -0.97 0.00	22.73 -1.17 0.00	24.13 -1.22 0.00	26.59 -1.61 0.00	26.60 -1.85 0.00	26.25 -1.38 0.00	23.31 -0.92 0.00	21.30 -0.50 0.00	20.24 -0.37 0.00
OLIN_CORP_DSASP 323712	17.74 -1.17 0.00	15.66 -1.05 0.00	14.75 -1.04 0.00	13.61 -0.91 0.00	14.25 -1.01 0.00	15.45 -0.80 0.00	18.45 -1.01 0.00	20.09 -1.03 0.00	20.30 -1.09 0.00	18.96 -0.98 0.00	18.69 -0.96 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.80 -1.00 0.00	19.78 -1.02 0.00	20.29 -1.25 0.00	22.47 -1.43 0.00	23.67 -1.67 0.00	26.17 -2.03 0.00	26.17 -2.28 0.00	25.62 -2.02 0.00	23.00 -1.23 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
ONEIDA_HERK_LFGE 323681	19.33 0.42 0.00	17.05 0.33 0.00	16.09 0.30 0.00	14.83 0.31 0.00	15.56 0.30 0.00	16.65 0.41 0.00	19.99 0.53 0.00	21.78 0.66 0.00	21.97 0.58 0.00	20.47 0.54 0.00	20.13 0.47 0.00	20.44 0.44 0.00	20.94 0.49 0.00	21.29 0.50 0.00	21.29 0.50 0.00	22.01 0.47 0.00	24.50 0.53 -0.07	26.04 0.58 -0.11	29.14 0.73 -0.21	29.45 0.80 -0.21	28.68 0.86 -0.19	25.09 0.78 -0.08	22.39 0.59 0.00	21.13 0.52 0.00
ONEIDA___115KV_TB4 55905	19.43 0.51 0.00	17.13 0.42 0.00	16.17 0.38 0.00	14.89 0.36 0.00	15.62 0.37 0.00	16.72 0.47 0.00	20.11 0.64 0.00	21.89 0.76 0.00	22.07 0.68 0.00	20.59 0.66 0.00	20.25 0.59 0.00	20.56 0.56 0.00	21.07 0.61 0.00	21.42 0.62 0.00	21.42 0.62 0.00	22.16 0.62 0.00	24.71 0.72 -0.09	26.28 0.79 -0.15	29.41 0.93 -0.28	29.79 1.05 -0.29	28.94 1.05 -0.26	25.21 0.87 -0.11	22.54 0.74 0.00	21.28 0.66 0.00
ONONDAGA_REF_OCCRA 23987	18.76 -0.15 0.00	16.56 -0.15 0.00	15.65 -0.14 0.00	14.38 -0.15 0.00	15.08 -0.17 0.00	16.13 -0.11 0.00	19.37 -0.10 0.00	21.04 -0.08 0.00	21.28 -0.11 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.69 -0.10 0.00	20.67 -0.12 0.00	21.37 -0.17 0.00	23.93 -0.19 -0.22	25.53 -0.18 -0.37	28.64 -0.23 -0.66	28.90 -0.23 -0.69	28.08 -0.17 -0.61	24.32 -0.17 -0.26	21.71 -0.09 0.00	20.62 0.00 0.00
ONONDAGA___COGEN 23986	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.68 0.02 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.77 -0.02 0.00	20.75 -0.04 0.00	21.45 -0.09 0.00	24.12 -0.12 -0.34	25.83 -0.08 -0.56	29.13 -0.08 -1.01	29.41 -0.09 -1.05	28.51 -0.06 -0.93	24.58 -0.05 -0.39	21.82 0.02 0.00	20.72 0.10 0.00
ONTARIO___LFGE 23819	18.84 -0.08 0.00	16.60 -0.12 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.13 -0.12 0.00	16.31 0.07 0.00	19.62 0.16 0.00	21.40 0.27 0.00	21.56 0.17 0.00	20.12 0.18 0.00	19.81 0.16 0.00	20.12 0.12 0.00	20.58 0.12 0.00	20.94 0.15 0.00	20.94 0.15 0.00	21.56 0.02 0.00	24.05 0.05 -0.10	25.59 0.08 -0.17	28.61 0.11 -0.30	28.73 -0.03 -0.31	28.07 0.17 -0.27	24.69 0.34 -0.12	22.19 0.39 0.00	20.97 0.35 0.00
ORANGEVILLE_WT_PWR 323706	18.29 -0.62 0.00	16.13 -0.59 0.00	15.22 -0.57 0.00	14.03 -0.49 0.00	14.69 -0.56 0.00	15.90 -0.34 0.00	19.08 -0.39 0.00	20.79 -0.34 0.00	21.01 -0.38 0.00	19.60 -0.34 0.00	19.30 -0.35 0.00	19.60 -0.40 0.00	20.06 -0.39 0.00	20.46 -0.33 0.00	20.46 -0.33 0.00	21.00 -0.54 0.00	23.31 -0.60 0.00	24.68 -0.66 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	26.89 -0.74 0.00	24.01 -0.22 0.00	21.89 0.09 0.00	20.78 0.16 0.00
ORANGEVILLE___ESR 323794	18.29 -0.62 0.00	16.13 -0.59 0.00	15.22 -0.57 0.00	14.03 -0.49 0.00	14.69 -0.56 0.00	15.90 -0.34 0.00	19.08 -0.39 0.00	20.79 -0.34 0.00	21.01 -0.38 0.00	19.60 -0.34 0.00	19.30 -0.35 0.00	19.60 -0.40 0.00	20.06 -0.39 0.00	20.46 -0.33 0.00	20.46 -0.33 0.00	21.00 -0.54 0.00	23.31 -0.60 0.00	24.68 -0.66 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	26.89 -0.74 0.00	24.01 -0.22 0.00	21.89 0.09 0.00	20.78 0.16 0.00
OSWEGATCHIE___HYD 24044	18.66 -0.25 0.00	16.48 -0.23 0.00	15.70 -0.09 0.00	14.47 -0.06 0.00	15.24 -0.02 0.00	16.21 -0.03 0.00	19.39 -0.08 0.00	21.13 0.00 0.00	21.28 -0.11 0.00	19.80 -0.14 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.59 -0.21 0.00	20.50 -0.29 0.00	21.11 -0.43 0.00	23.42 -0.60 -0.11	24.95 -0.58 -0.19	28.06 -0.48 -0.34	28.51 -0.28 -0.35	27.72 -0.22 -0.31	24.34 -0.02 -0.13	21.80 0.00 0.00	20.55 -0.06 0.00
OSWEGO___5 23606	18.59 -0.32 0.00	16.41 -0.30 0.00	15.49 -0.30 0.00	14.25 -0.28 0.00	14.95 -0.30 0.00	15.98 -0.26 0.00	19.15 -0.31 0.00	20.81 -0.32 0.00	21.05 -0.34 0.00	19.64 -0.30 0.00	19.36 -0.29 0.00	19.68 -0.32 0.00	20.12 -0.33 0.00	20.40 -0.40 0.00	20.40 -0.40 0.00	21.08 -0.45 0.00	24.89 -0.50 -1.49	27.29 -0.53 -2.48	32.08 -0.59 -4.47	32.41 -0.65 -4.62	31.18 -0.55 -4.09	25.54 -0.44 -1.74	21.43 -0.37 0.00	20.39 -0.23 0.00
OSWEGO___6 23613	18.59 -0.32 0.00	16.41 -0.30 0.00	15.49 -0.30 0.00	14.25 -0.28 0.00	14.95 -0.30 0.00	15.98 -0.26 0.00	19.15 -0.31 0.00	20.81 -0.32 0.00	21.05 -0.34 0.00	19.64 -0.30 0.00	19.36 -0.29 0.00	19.68 -0.32 0.00	20.12 -0.33 0.00	20.40 -0.40 0.00	20.40 -0.40 0.00	21.08 -0.45 0.00	24.89 -0.50 -1.49	27.29 -0.53 -2.48	32.08 -0.59 -4.47	32.41 -0.65 -4.62	31.18 -0.55 -4.09	25.54 -0.44 -1.74	21.43 -0.37 0.00	20.39 -0.23 0.00

OUTOKUMPU-AB___DRP 24206	18.01 -0.91 0.00	16.01 -0.70 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.81 -0.44 0.00	18.94 -0.53 0.00	20.70 -0.42 0.00	20.83 -0.56 0.00	19.50 -0.44 0.00	19.23 -0.43 0.00	19.54 -0.46 0.00	20.00 -0.45 0.00	20.05 -0.75 0.00	20.38 -0.42 0.00	20.96 -0.58 0.00	23.16 -0.74 0.00	24.56 -0.79 0.00	27.10 -1.10 0.00	27.08 -1.37 0.00	26.75 -0.88 0.00	23.75 -0.48 0.00	21.69 -0.11 0.00	20.59 -0.02 0.00
OXBOW___BTM 323836	17.97 -0.95 0.00	15.85 -0.87 0.00	14.94 -0.85 0.00	13.79 -0.74 0.00	14.43 -0.82 0.00	15.66 -0.58 0.00	18.71 -0.76 0.00	20.41 -0.72 0.00	20.62 -0.77 0.00	19.26 -0.68 0.00	18.99 -0.67 0.00	19.26 -0.74 0.00	19.74 -0.72 0.00	20.13 -0.67 0.00	20.11 -0.69 0.00	20.61 -0.93 0.00	22.83 -1.08 0.00	24.05 -1.29 0.00	26.62 -1.58 0.00	26.60 -1.85 0.00	26.06 -1.57 0.00	23.38 -0.85 0.00	21.39 -0.41 0.00	20.33 -0.29 0.00
OXBOW___ 24026	17.80 -1.12 0.00	15.83 -0.89 0.00	14.94 -0.85 0.00	13.79 -0.74 0.00	14.43 -0.82 0.00	15.61 -0.63 0.00	18.71 -0.76 0.00	20.41 -0.72 0.00	20.56 -0.83 0.00	19.26 -0.68 0.00	18.97 -0.69 0.00	19.26 -0.74 0.00	19.74 -0.72 0.00	19.78 -1.02 0.00	20.11 -0.69 0.00	20.68 -0.86 0.00	22.85 -1.05 0.00	24.23 -1.12 0.00	26.71 -1.49 0.00	26.71 -1.74 0.00	26.36 -1.27 0.00	23.41 -0.82 0.00	21.39 -0.41 0.00	20.33 -0.29 0.00
OXY_CHEM_DSASP 323612	17.55 -1.36 0.00	15.61 -1.10 0.00	14.75 -1.04 0.00	13.61 -0.92 0.00	14.25 -1.01 0.00	15.42 -0.83 0.00	18.45 -1.01 0.00	20.09 -1.04 0.00	20.26 -1.13 0.00	18.96 -0.98 0.00	18.65 -1.00 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.42 -1.37 0.00	19.78 -1.02 0.00	20.35 -1.18 0.00	22.49 -1.41 0.00	23.85 -1.50 0.00	26.28 -1.92 0.00	26.28 -2.16 0.00	25.95 -1.69 0.00	23.02 -1.21 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
OZONE_PARK_ESR 323760	20.52 1.61 0.00	18.02 1.30 0.00	17.12 1.33 0.00	15.70 1.18 0.00	16.38 1.13 0.00	17.28 1.04 0.00	20.87 1.40 0.00	22.80 1.67 0.00	23.34 1.95 0.00	21.77 1.83 0.00	21.51 1.85 0.00	21.94 1.94 0.00	22.46 2.00 0.00	22.92 2.12 0.00	23.08 2.29 0.00	24.40 2.54 -0.33	27.66 2.84 -0.91	32.28 3.17 -3.77	31.56 3.36 0.00	31.60 3.16 0.00	30.51 2.87 0.00	26.36 2.13 0.00	23.65 1.85 0.00	22.14 1.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.55 -1.36 0.00	15.61 -1.10 0.00	14.75 -1.04 0.00	13.61 -0.92 0.00	14.25 -1.01 0.00	15.42 -0.83 0.00	18.45 -1.01 0.00	20.09 -1.04 0.00	20.26 -1.13 0.00	18.96 -0.98 0.00	18.65 -1.00 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.42 -1.37 0.00	19.78 -1.02 0.00	20.35 -1.18 0.00	22.49 -1.41 0.00	23.85 -1.50 0.00	26.28 -1.92 0.00	26.28 -2.16 0.00	25.95 -1.69 0.00	23.02 -1.21 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
PACKARD___115KV_DUPONT_184 80571	17.55 -1.36 0.00	15.61 -1.10 0.00	14.75 -1.04 0.00	13.61 -0.92 0.00	14.25 -1.01 0.00	15.42 -0.83 0.00	18.45 -1.01 0.00	20.09 -1.04 0.00	20.26 -1.13 0.00	18.96 -0.98 0.00	18.65 -1.00 0.00	18.96 -1.04 0.00	19.43 -1.02 0.00	19.42 -1.37 0.00	19.78 -1.02 0.00	20.35 -1.18 0.00	22.49 -1.41 0.00	23.85 -1.50 0.00	26.28 -1.92 0.00	26.28 -2.16 0.00	25.95 -1.69 0.00	23.02 -1.21 0.00	21.06 -0.74 0.00	20.02 -0.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.47 1.55 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.09 0.84 0.00	20.61 1.15 0.00	22.52 1.39 0.00	23.06 1.67 0.00	21.55 1.61 0.00	21.27 1.61 0.00	21.70 1.70 0.00	22.21 1.76 0.00	22.69 1.89 0.00	22.85 2.06 0.00	24.15 2.28 -0.33	27.39 2.58 -0.90	31.97 2.86 -3.76	31.25 3.05 0.00	31.23 2.79 0.00	30.15 2.51 0.00	26.02 1.79 0.00	23.39 1.59 0.00	21.87 1.26 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.66 1.74 -0.01	18.12 1.40 0.00	17.21 1.42 0.00	15.80 1.28 0.00	16.47 1.22 0.00	17.25 1.01 0.00	20.81 1.34 0.00	22.75 1.63 0.00	23.27 1.88 0.00	21.73 1.79 0.00	21.45 1.79 0.00	21.88 1.88 0.00	22.41 1.96 0.00	22.87 2.08 0.00	23.04 2.25 0.00	24.36 2.50 -0.33	27.63 2.82 -0.90	32.22 3.12 -3.76	31.53 3.33 0.00	31.52 3.07 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.59 1.79 0.00	22.06 1.44 0.00
PATROON___115KV_TB1 80586	19.82 0.91 0.00	17.53 0.82 0.00	16.58 0.79 0.00	15.27 0.74 0.00	15.94 0.69 0.00	16.91 0.67 0.00	20.32 0.86 0.00	21.76 0.63 0.00	22.01 0.62 0.00	20.49 0.56 0.00	20.23 0.57 0.00	20.62 0.62 0.00	21.04 0.59 0.00	21.44 0.64 0.00	21.46 0.67 0.00	22.25 0.69 -0.02	24.60 0.74 0.04	26.45 0.89 -0.22	29.19 0.99 0.00	29.47 1.02 0.00	28.55 0.91 0.00	24.96 0.73 0.00	22.43 0.63 0.00	21.07 0.45 0.00
PATTRSNVILLE___SOLAR 323815	19.65 0.74 0.00	17.38 0.67 0.00	16.43 0.63 0.00	15.09 0.57 0.00	15.82 0.56 0.00	16.83 0.58 0.00	20.21 0.74 0.00	21.91 0.78 0.00	22.18 0.79 0.00	20.65 0.72 0.00	20.36 0.71 0.00	20.74 0.74 0.00	21.15 0.70 0.00	21.54 0.75 0.00	21.54 0.75 0.00	22.39 0.84 -0.02	24.80 0.93 0.04	26.68 1.14 -0.20	29.56 1.35 0.00	29.78 1.34 0.00	28.93 1.30 0.00	25.32 1.09 0.00	22.67 0.87 0.00	21.32 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.31 -0.61 0.00	16.26 -0.45 0.00	15.38 -0.41 0.00	14.18 -0.35 0.00	14.83 -0.43 0.00	16.02 -0.23 0.00	19.25 -0.21 0.00	20.96 -0.17 0.00	21.13 -0.26 0.00	19.78 -0.16 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.27 -0.18 0.00	20.38 -0.42 0.00	20.69 -0.10 0.00	21.26 -0.28 0.00	23.52 -0.38 0.00	24.96 -0.38 0.00	27.58 -0.62 0.00	27.59 -0.85 0.00	27.22 -0.41 0.00	24.09 -0.15 0.00	21.98 0.17 0.00	20.95 0.33 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.28 1.36 0.00	17.84 1.12 0.00	16.93 1.14 0.00	15.53 1.00 0.00	16.20 0.95 0.00	17.15 0.91 0.00	20.60 1.13 0.00	22.44 1.31 0.00	22.97 1.58 0.00	21.37 1.44 0.00	21.11 1.45 0.00	21.50 1.50 0.00	22.03 1.57 0.00	22.44 1.64 0.00	22.62 1.83 0.00	23.57 1.98 -0.05	26.00 2.27 0.17	28.52 2.53 -0.64	30.91 2.71 0.00	31.06 2.62 0.00	30.07 2.43 0.00	26.10 1.87 0.00	23.35 1.55 0.00	21.89 1.28 0.00
PEEKSKILL___ 23653	20.16 1.25 0.00	17.79 1.07 0.00	16.85 1.06 0.00	15.47 0.94 0.00	16.14 0.88 0.00	17.10 0.86 0.00	20.54 1.07 0.00	22.39 1.27 0.00	22.89 1.50 0.00	21.35 1.42 0.00	21.07 1.42 0.00	21.48 1.48 0.00	21.99 1.53 0.00	22.48 1.68 0.00	22.58 1.79 0.00	23.77 1.98 -0.26	26.96 2.32 -0.74	30.80 2.49 -2.97	30.85 2.65 0.00	30.98 2.53 0.00	29.96 2.32 0.00	26.07 1.84 0.00	23.24 1.44 0.00	21.77 1.15 0.00
PGE MADISON___WINDPWR 24146	20.13 1.21 0.00	17.68 0.97 0.00	16.64 0.85 0.00	15.37 0.84 0.00	16.12 0.87 0.00	17.43 1.19 0.00	20.99 1.52 0.00	22.99 1.86 0.00	22.97 1.58 0.00	21.43 1.50 0.00	20.95 1.30 0.00	21.24 1.24 0.00	21.80 1.35 0.00	22.17 1.37 0.00	22.17 1.37 0.00	22.92 1.38 0.00	25.63 1.60 -0.13	27.33 1.77 -0.21	30.73 2.14 -0.38	31.14 2.30 -0.40	30.47 2.49 -0.35	26.66 2.28 -0.15	23.65 1.85 0.00	22.27 1.65 0.00

PIERCEFIELD___HYD 23852	18.23 -0.68 0.01	16.26 -0.45 0.00	15.46 -0.33 0.00	14.25 -0.28 0.00	15.05 -0.20 0.00	16.10 -0.15 0.00	18.94 -0.53 0.00	20.62 -0.51 0.00	20.81 -0.58 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.36 -0.64 0.00	19.80 -0.65 0.00	20.15 -0.64 0.00	20.00 -0.79 0.00	20.53 -1.01 0.00	22.71 -1.20 0.00	24.00 -1.34 0.00	26.96 -1.24 0.00	27.39 -1.05 0.00	26.67 -0.97 0.00	23.75 -0.48 0.00	21.36 -0.44 0.00	20.12 -0.49 0.00
PINELAWN_CC_1 323563	24.96 2.00 -4.04	19.03 1.74 -0.57	17.44 1.64 0.00	15.89 1.37 0.00	16.56 1.31 0.00	17.59 1.35 0.00	21.20 1.73 0.00	22.96 1.84 0.00	23.61 2.22 0.00	22.01 2.07 0.00	26.99 2.08 -5.25	31.29 2.16 -9.13	31.86 2.23 -9.18	32.25 2.39 -9.07	33.52 2.49 -10.23	35.67 2.74 -11.40	46.52 3.18 -19.44	43.59 3.40 -14.85	41.90 3.69 -10.01	38.08 3.56 -6.08	37.99 3.29 -7.07	36.21 2.71 -9.27	26.11 2.31 -2.00	22.74 1.98 -0.15
PJM_GEN_HTTP_PROXY 323702	20.33 1.42 0.00	17.92 1.20 0.00	16.99 1.20 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.20 0.96 0.00	20.69 1.23 0.00	22.61 1.48 0.00	23.12 1.73 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.75 1.95 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.49 2.68 -0.91	31.98 2.86 -3.77	31.28 3.07 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.29 2.06 0.00	23.44 1.64 0.00	21.95 1.34 0.00
PJM_GEN_KEystone 24065	19.18 0.26 0.00	16.93 0.22 0.00	16.01 0.22 0.00	14.71 0.19 0.00	15.36 0.11 0.00	16.44 0.20 0.00	19.72 0.25 0.00	21.46 0.34 0.00	21.84 0.45 0.00	20.40 0.46 0.00	20.11 0.45 0.00	20.46 0.46 0.00	20.94 0.49 0.00	21.38 0.58 0.00	21.44 0.65 0.00	22.12 0.65 0.06	24.96 0.81 -0.24	25.50 0.84 0.68	29.02 0.82 0.00	29.10 0.65 0.00	28.27 0.64 0.00	24.86 0.63 0.00	22.37 0.57 0.00	21.09 0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.62 1.66 -4.04	18.73 1.44 -0.57	17.17 1.37 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.33 1.09 0.00	20.87 1.40 0.00	22.65 1.52 0.00	23.27 1.88 0.00	21.71 1.77 0.00	26.70 1.79 -5.25	30.99 1.86 -9.13	31.55 1.92 -9.18	31.94 2.08 -9.07	33.18 2.16 -10.23	35.33 2.39 -11.40	46.09 2.75 -19.44	43.13 2.94 -14.85	41.37 3.16 -10.01	37.57 3.05 -6.08	37.52 2.82 -7.07	35.75 2.25 -9.27	25.74 1.94 -2.00	22.37 1.61 -0.15
PJM_GEN_VFT_PROXY 323633	20.30 1.38 0.00	17.87 1.15 0.00	16.94 1.15 0.00	15.56 1.03 0.00	16.21 0.96 0.00	17.17 0.93 0.00	20.65 1.19 0.00	22.56 1.44 0.00	23.08 1.69 0.00	21.57 1.64 0.00	21.29 1.63 0.00	21.72 1.72 0.00	22.23 1.78 0.00	22.73 1.93 0.00	22.85 2.06 0.00	24.19 2.33 -0.33	27.49 2.68 -0.91	31.98 2.86 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.24 2.01 0.00	23.39 1.59 0.00	21.87 1.26 0.00
PLATSBURG_115KV_PMLD1 355749	18.26 -0.64 0.01	16.16 -0.55 0.00	15.22 -0.57 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.95 -0.29 0.00	19.04 -0.43 0.00	20.77 -0.36 0.00	20.68 -0.71 0.00	19.02 -0.92 0.00	18.79 -0.86 0.00	18.96 -1.04 0.00	19.37 -1.08 0.00	19.73 -1.06 0.00	19.73 -1.06 0.00	20.44 -1.10 0.00	22.71 -1.20 0.00	24.18 -1.17 0.00	27.98 -0.23 0.00	28.59 0.14 0.00	27.99 0.36 0.00	24.67 0.44 0.00	22.04 0.24 0.00	20.78 0.16 0.00
PLEASANTVLY___LBMP 24000	20.01 1.10 0.00	17.63 0.92 0.00	16.74 0.95 0.00	15.37 0.84 0.00	16.05 0.79 0.00	16.98 0.73 0.00	20.42 0.95 0.00	22.20 1.08 0.00	22.65 1.26 0.00	21.11 1.18 0.00	20.84 1.18 0.00	21.24 1.24 0.00	21.74 1.29 0.00	22.17 1.37 0.00	22.27 1.48 0.00	23.19 1.62 -0.04	25.60 1.79 0.10	27.86 2.03 -0.49	30.34 2.14 0.00	30.49 2.05 0.00	29.51 1.88 0.00	25.64 1.41 0.00	23.00 1.20 0.00	21.58 0.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.14 1.23 0.00	17.73 1.02 0.00	16.84 1.04 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.06 0.81 0.00	20.54 1.07 0.00	22.37 1.25 0.00	22.87 1.48 0.00	21.31 1.38 0.00	21.03 1.38 0.00	21.44 1.44 0.00	21.94 1.49 0.00	22.37 1.58 0.00	22.52 1.73 0.00	23.57 1.90 -0.14	25.59 2.13 0.44	29.32 2.38 -1.59	30.71 2.51 0.00	30.83 2.39 0.00	29.84 2.21 0.00	25.86 1.62 0.00	23.20 1.40 0.00	21.75 1.13 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.14 1.23 0.00	17.73 1.02 0.00	16.84 1.04 0.00	15.46 0.93 0.00	16.14 0.88 0.00	17.06 0.81 0.00	20.54 1.07 0.00	22.37 1.25 0.00	22.87 1.48 0.00	21.31 1.38 0.00	21.03 1.38 0.00	21.44 1.44 0.00	21.94 1.49 0.00	22.37 1.58 0.00	22.52 1.73 0.00	23.57 1.90 -0.14	25.59 2.13 0.44	29.32 2.38 -1.59	30.71 2.51 0.00	30.83 2.39 0.00	29.84 2.21 0.00	25.86 1.62 0.00	23.20 1.40 0.00	21.75 1.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.11 1.19 0.00	17.72 1.00 0.00	16.80 1.01 0.00	15.43 0.90 0.00	16.11 0.85 0.00	17.06 0.81 0.00	20.50 1.03 0.00	22.29 1.16 0.00	22.78 1.39 0.00	21.19 1.26 0.00	20.92 1.26 0.00	21.30 1.30 0.00	21.82 1.37 0.00	22.25 1.46 0.00	22.37 1.58 0.00	23.28 1.72 -0.02	25.80 1.96 0.06	27.81 2.20 -0.26	30.54 2.34 0.00	30.75 2.30 0.00	29.76 2.13 0.00	25.83 1.60 0.00	23.13 1.33 0.00	21.71 1.09 0.00
POLETTI____ 23519	17.40 1.40 2.92	17.37 1.14 0.48	16.99 1.20 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.14 0.89 0.00	17.40 1.21 3.27	18.51 1.44 4.05	18.53 1.71 4.57	18.53 1.63 3.04	19.25 1.63 2.04	19.25 1.72 2.47	19.25 1.78 2.98	19.19 1.89 3.50	22.04 2.06 0.81	22.04 2.30 1.80	21.92 2.56 4.54	19.23 2.84 8.96	22.44 3.02 8.78	19.19 2.82 12.07	19.20 2.54 10.98	19.08 1.84 6.99	19.25 1.61 4.16	18.12 1.30 3.79
POMONA___ESR 323819	20.14 1.23 0.00	17.77 1.05 0.00	16.83 1.04 0.00	15.44 0.92 0.00	16.11 0.85 0.00	17.09 0.84 0.00	20.52 1.05 0.00	22.35 1.22 0.00	22.85 1.46 0.00	21.31 1.37 0.00	21.03 1.38 0.00	21.44 1.44 0.00	21.94 1.49 0.00	22.44 1.64 0.00	22.54 1.75 0.00	23.89 1.94 -0.41	26.85 2.29 -0.65	32.56 2.46 -4.76	30.82 2.62 0.00	30.95 2.50 0.00	29.93 2.29 0.00	26.05 1.82 0.00	23.22 1.42 0.00	21.77 1.15 0.00
PORT_JEFF_3 23555	25.11 2.16 -4.04	19.21 1.92 -0.57	17.61 1.82 0.00	16.02 1.50 0.00	16.69 1.43 0.00	17.74 1.49 0.00	21.38 1.91 0.00	23.09 1.97 0.00	23.79 2.40 0.00	22.13 2.19 0.00	27.05 2.14 -5.25	31.41 2.28 -9.13	31.96 2.33 -9.18	32.36 2.49 -9.07	33.60 2.58 -10.23	35.65 2.71 -11.40	46.50 3.16 -19.44	43.59 3.40 -14.85	41.90 3.69 -10.01	38.05 3.53 -6.08	37.93 3.23 -7.07	36.24 2.74 -9.27	26.29 2.48 -2.00	22.88 2.12 -0.15
PORT_JEFF_4 23616	25.11 2.16 -4.04	19.21 1.92 -0.57	17.61 1.82 0.00	16.02 1.50 0.00	16.69 1.43 0.00	17.74 1.49 0.00	21.38 1.91 0.00	23.09 1.97 0.00	23.79 2.40 0.00	22.13 2.19 0.00	27.05 2.14 -5.25	31.41 2.28 -9.13	31.96 2.33 -9.18	32.36 2.49 -9.07	33.60 2.58 -10.23	35.65 2.71 -11.40	46.50 3.16 -19.44	43.59 3.40 -14.85	41.90 3.69 -10.01	38.05 3.53 -6.08	37.93 3.23 -7.07	36.24 2.74 -9.27	26.29 2.48 -2.00	22.88 2.12 -0.15

PORT_JEFF_IC 23713	25.15 2.19 -4.04	19.21 1.92 -0.57	17.64 1.85 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.72 1.48 0.00	21.39 1.93 0.00	23.05 1.92 0.00	23.83 2.44 0.00	22.17 2.23 0.00	27.09 2.18 -5.25	31.45 2.32 -9.13	32.02 2.39 -9.18	32.34 2.47 -9.07	33.64 2.62 -10.23	35.72 2.78 -11.40	46.50 3.16 -19.44	43.66 3.47 -14.85	42.02 3.81 -10.01	38.08 3.56 -6.08	37.96 3.26 -7.07	36.14 2.64 -9.27	26.31 2.51 -2.00	22.90 2.14 -0.15
PPL PILGRIM_ST_GT1 24216	25.13 2.17 -4.04	19.21 1.92 -0.57	17.61 1.82 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	23.16 2.03 0.00	23.83 2.44 0.00	22.21 2.27 0.00	27.15 2.24 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.75 2.72 -10.23	35.89 2.95 -11.40	46.79 3.44 -19.44	43.69 3.50 -14.85	42.02 3.81 -10.01	38.20 3.67 -6.08	38.27 3.57 -7.07	36.46 2.96 -9.27	26.35 2.55 -2.00	22.95 2.18 -0.15
PPL PILGRIM_ST_GT2 24217	25.13 2.17 -4.04	19.21 1.92 -0.57	17.61 1.82 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	23.16 2.03 0.00	23.83 2.44 0.00	22.21 2.27 0.00	27.15 2.24 -5.25	31.51 2.38 -9.13	32.06 2.43 -9.18	32.48 2.62 -9.07	33.75 2.72 -10.23	35.89 2.95 -11.40	46.79 3.44 -19.44	43.69 3.50 -14.85	42.02 3.81 -10.01	38.20 3.67 -6.08	38.27 3.57 -7.07	36.46 2.96 -9.27	26.35 2.55 -2.00	22.95 2.18 -0.15
PPL_SHRM_GT3 24213	25.15 2.19 -4.04	19.33 2.04 -0.57	17.73 1.94 0.00	16.05 1.52 0.00	16.73 1.48 0.00	17.79 1.54 0.00	21.41 1.95 0.00	23.03 1.90 0.00	23.74 2.35 0.00	22.03 2.09 0.00	26.96 2.04 -5.25	31.35 2.22 -9.13	31.90 2.27 -9.18	32.32 2.45 -9.07	33.58 2.56 -10.23	35.74 2.80 -11.40	46.52 3.18 -19.44	43.61 3.42 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	37.96 3.26 -7.07	36.33 2.83 -9.27	26.22 2.42 -2.00	22.82 2.06 -0.15
PPL_SHRM_GT4 24214	25.15 2.19 -4.04	19.33 2.04 -0.57	17.73 1.94 0.00	16.05 1.52 0.00	16.73 1.48 0.00	17.79 1.54 0.00	21.41 1.95 0.00	23.03 1.90 0.00	23.74 2.35 0.00	22.03 2.09 0.00	26.96 2.04 -5.25	31.35 2.22 -9.13	31.90 2.27 -9.18	32.32 2.45 -9.07	33.58 2.56 -10.23	35.74 2.80 -11.40	46.52 3.18 -19.44	43.61 3.42 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	37.96 3.26 -7.07	36.33 2.83 -9.27	26.22 2.42 -2.00	22.82 2.06 -0.15
PROJECT___ORANGE 1 24174	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.16 -0.08 0.00	19.41 -0.06 0.00	21.09 -0.04 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.96 -0.04 0.00	20.41 -0.04 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.89 -0.19 -0.17	25.48 -0.15 -0.29	28.53 -0.20 -0.52	28.76 -0.23 -0.54	27.95 -0.17 -0.48	24.29 -0.15 -0.20	21.74 -0.07 0.00	20.64 0.02 0.00
PROJECT___ORANGE 2 24166	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.16 -0.08 0.00	19.41 -0.06 0.00	21.09 -0.04 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.96 -0.04 0.00	20.41 -0.04 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.89 -0.19 -0.17	25.48 -0.15 -0.29	28.53 -0.20 -0.52	28.76 -0.23 -0.54	27.95 -0.17 -0.48	24.29 -0.15 -0.20	21.74 -0.07 0.00	20.64 0.02 0.00
PUCKETT___SOLAR 323809	19.33 0.42 0.00	17.03 0.32 0.00	16.08 0.28 0.00	14.80 0.28 0.00	15.51 0.26 0.00	16.65 0.41 0.00	19.99 0.53 0.00	21.76 0.63 0.00	21.95 0.56 0.00	20.45 0.52 0.00	20.11 0.45 0.00	20.44 0.44 0.00	20.92 0.47 0.00	21.29 0.50 0.00	21.29 0.50 0.00	22.03 0.50 0.00	24.62 0.60 -0.12	26.22 0.68 -0.20	29.34 0.79 -0.35	29.61 0.80 -0.37	28.82 0.86 -0.32	25.22 0.85 -0.14	22.52 0.72 0.00	21.26 0.64 0.00
PYRITES___HYD 24023	18.40 -0.51 0.01	16.40 -0.32 0.00	15.59 -0.21 0.00	14.38 -0.15 0.00	15.19 -0.06 0.00	16.28 0.03 0.00	19.17 -0.29 0.00	20.92 -0.21 0.00	21.07 -0.32 0.00	19.58 -0.36 0.00	19.28 -0.37 0.00	19.58 -0.42 0.00	20.06 -0.39 0.00	20.42 -0.37 0.00	20.32 -0.48 0.00	20.87 -0.67 0.00	23.07 -0.84 0.00	24.33 -1.01 0.00	27.36 -0.85 0.00	27.85 -0.60 0.00	27.08 -0.55 0.00	24.09 -0.15 0.00	21.56 -0.24 0.00	20.31 -0.31 0.00
QUAKERRD_115KV_BK1 80622	18.05 -0.87 0.00	15.98 -0.74 0.00	15.08 -0.71 0.00	13.90 -0.62 0.00	14.58 -0.67 0.00	15.64 -0.60 0.00	18.79 -0.68 0.00	20.51 -0.61 0.00	20.68 -0.71 0.00	19.34 -0.60 0.00	19.07 -0.59 0.00	19.38 -0.62 0.00	19.86 -0.59 0.00	20.03 -0.77 0.00	20.13 -0.67 0.00	20.78 -0.75 0.00	23.04 -0.86 0.00	24.46 -0.89 0.00	27.07 -1.13 0.00	27.19 -1.25 0.00	26.67 -0.97 0.00	23.46 -0.78 0.00	21.26 -0.55 0.00	20.14 -0.47 0.00
QUENSBRY_115KV_TB8 356137	20.32 1.40 0.00	17.94 1.22 0.00	16.91 1.12 0.00	15.56 1.03 0.00	16.29 1.04 0.00	17.33 1.09 0.00	20.93 1.46 0.00	22.65 1.52 0.00	22.95 1.56 0.00	21.35 1.42 0.00	21.07 1.42 0.00	21.44 1.44 0.00	21.86 1.41 0.00	22.23 1.43 0.00	22.23 1.43 0.00	23.11 1.55 -0.02	25.68 1.82 0.04	27.45 1.90 -0.21	30.40 2.20 0.00	30.49 2.05 0.00	29.79 2.16 0.00	26.02 1.79 0.00	23.41 1.61 0.00	21.98 1.36 0.00
RAMAPO___LBMP 323565	20.05 1.13 0.00	17.67 0.95 0.00	16.77 0.98 0.00	15.38 0.86 0.00	16.05 0.79 0.00	16.98 0.73 0.00	20.44 0.97 0.00	22.27 1.14 0.00	22.78 1.39 0.00	21.23 1.30 0.00	20.95 1.30 0.00	21.36 1.36 0.00	21.86 1.41 0.00	22.29 1.50 0.00	22.44 1.64 0.00	23.18 1.81 0.17	26.33 2.06 -0.37	25.65 2.28 1.98	30.60 2.40 0.00	30.72 2.28 0.00	29.73 2.10 0.00	25.76 1.53 0.00	23.11 1.31 0.00	21.67 1.05 0.00
RANKINE____ 23646	18.20 -0.72 0.00	16.16 -0.55 0.00	15.29 -0.51 0.00	14.09 -0.44 0.00	14.75 -0.50 0.00	15.94 -0.31 0.00	19.14 -0.33 0.00	20.89 -0.23 0.00	21.05 -0.34 0.00	19.70 -0.24 0.00	19.40 -0.26 0.00	19.72 -0.28 0.00	20.19 -0.27 0.00	20.25 -0.54 0.00	20.59 -0.21 0.00	21.15 -0.39 0.00	23.40 -0.50 0.00	24.84 -0.51 0.00	27.41 -0.79 0.00	27.42 -1.02 0.00	27.08 -0.55 0.00	23.99 -0.24 0.00	21.91 0.11 0.00	20.82 0.21 0.00
RAVENSWOOD_GT2_1 24244	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.69 1.23 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.40 2.58 -0.91	31.98 2.86 -3.77	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT2_2 24245	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.69 1.23 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.40 2.58 -0.91	31.98 2.86 -3.77	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00



RAVENSWOOD_GT2_3 24246	20.37 1.46 0.00	17.90 1.19 0.00	17.01 1.22 0.00	15.62 1.09 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.73 1.93 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.42 2.61 -0.91	32.00 2.89 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.15 1.91 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT2_4 24247	20.37 1.46 0.00	17.90 1.19 0.00	17.01 1.22 0.00	15.62 1.09 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.61 1.67 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.73 1.93 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.42 2.61 -0.91	32.00 2.89 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.15 1.91 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT3_1 24248	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.40 2.58 -0.91	31.98 2.86 -3.77	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT3_2 24249	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.40 2.58 -0.91	31.98 2.86 -3.77	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT3_3 24250	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.92 2.12 0.00	24.21 2.35 -0.33	27.44 2.63 -0.91	32.03 2.91 -3.77	31.30 3.10 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.17 1.94 0.00	23.48 1.68 0.00	21.98 1.36 0.00
RAVENSWOOD_GT3_4 24251	20.39 1.48 0.00	17.90 1.19 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.78 1.78 0.00	22.29 1.84 0.00	22.75 1.95 0.00	22.92 2.12 0.00	24.21 2.35 -0.33	27.44 2.63 -0.91	32.03 2.91 -3.77	31.30 3.10 0.00	31.35 2.90 0.00	30.26 2.63 0.00	26.17 1.94 0.00	23.48 1.68 0.00	21.98 1.36 0.00
RAVENSWOOD_GT_1 23729	20.48 1.55 -0.01	17.95 1.24 0.00	17.07 1.28 0.00	15.66 1.13 0.00	16.34 1.08 0.00	17.17 0.93 0.00	20.73 1.27 0.00	22.65 1.52 0.00	23.19 1.80 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.33 1.88 0.00	22.79 2.00 0.00	22.98 2.18 0.00	24.28 2.41 -0.33	30.41 2.70 -3.81	32.82 2.99 -4.48	32.76 3.19 -1.37	31.40 2.96 0.00	30.31 2.68 0.00	26.17 1.94 0.00	23.50 1.70 0.00	21.98 1.36 0.00
RAVENSWOOD_GT_10 24258	20.35 1.44 0.00	17.89 1.17 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.25 2.58 -0.77	31.94 2.86 -3.74	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_11 24259	20.35 1.44 0.00	17.89 1.17 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.25 2.58 -0.77	31.94 2.86 -3.74	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_4 24252	20.35 1.44 0.01	17.89 1.17 0.00	16.99 1.20 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.17 2.30 -0.33	27.40 2.58 -0.92	31.96 2.84 -3.78	32.26 3.02 -1.04	31.29 2.84 0.00	30.20 2.57 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_5 24254	20.35 1.44 0.01	17.89 1.17 0.00	16.99 1.20 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.17 2.30 -0.33	27.40 2.58 -0.92	31.96 2.84 -3.78	32.26 3.02 -1.04	31.29 2.84 0.00	30.20 2.57 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_6 24253	20.35 1.44 0.01	17.89 1.17 0.00	16.99 1.20 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.17 2.30 -0.33	27.40 2.58 -0.92	31.96 2.84 -3.78	32.26 3.02 -1.04	31.29 2.84 0.00	30.20 2.57 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_7 24255	20.35 1.44 0.01	17.89 1.17 0.00	16.99 1.20 0.00	15.59 1.06 0.00	16.26 1.01 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.17 2.30 -0.33	27.40 2.58 -0.92	31.96 2.84 -3.78	32.26 3.02 -1.04	31.29 2.84 0.00	30.20 2.57 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.35 1.44 0.00	17.89 1.17 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.25 2.58 -0.77	31.94 2.86 -3.74	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00
RAVENSWOOD_GT_9 24257	20.35 1.44 0.00	17.89 1.17 0.00	16.99 1.20 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.17 0.93 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.74 1.74 0.00	22.25 1.80 0.00	22.71 1.91 0.00	22.87 2.08 0.00	24.19 2.33 -0.33	27.25 2.58 -0.77	31.94 2.86 -3.74	31.25 3.05 0.00	31.29 2.84 0.00	30.23 2.60 0.00	26.12 1.89 0.00	23.46 1.66 0.00	21.96 1.34 0.00

RAVENSWOOD___1 23533	20.45 1.53 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.71 1.25 0.00	22.65 1.52 0.00	23.16 1.77 0.00	21.65 1.71 0.00	21.37 1.71 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.85 2.06 0.00	22.96 2.16 0.00	24.27 2.41 -0.33	29.05 2.80 -2.35	32.48 3.01 -4.12	31.42 3.21 0.00	31.46 3.01 0.00	30.37 2.74 0.00	26.32 2.08 0.00	23.48 1.68 0.00	21.98 1.36 0.00
RAVENSWOOD___2 23534	20.45 1.53 -0.01	17.97 1.25 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.37 1.71 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.83 2.04 0.00	22.96 2.16 0.00	24.25 2.39 -0.33	29.04 2.80 -2.34	32.45 2.99 -4.12	31.42 3.21 0.00	31.43 2.99 0.00	30.34 2.71 0.00	26.32 2.08 0.00	23.48 1.68 0.00	21.95 1.34 0.00
RAVENSWOOD___3 23535	20.37 1.46 0.00	17.92 1.20 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.22 0.97 0.00	20.71 1.25 0.00	22.61 1.48 0.00	23.12 1.73 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.76 1.76 0.00	22.25 1.80 0.00	22.77 1.98 0.00	22.89 2.10 0.00	24.19 2.33 -0.33	27.51 2.70 -0.91	32.00 2.89 -3.77	31.30 3.10 0.00	31.38 2.93 0.00	30.29 2.65 0.00	26.29 2.06 0.00	23.46 1.66 0.00	21.95 1.34 0.00
RAVENSWOOD___4 23820	20.44 1.51 -0.01	17.97 1.25 0.00	17.04 1.25 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.20 0.96 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.63 1.69 0.00	21.37 1.71 0.00	21.80 1.80 0.00	22.31 1.86 0.00	22.83 2.04 0.00	22.96 2.16 0.00	24.25 2.39 -0.32	27.60 2.80 -0.90	32.10 2.99 -3.76	30.07 3.21 1.35	31.43 2.99 0.00	30.34 2.71 0.00	26.32 2.08 0.00	23.48 1.68 0.00	21.95 1.34 0.00
RCPL_TRUST___DRP 24196	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.73 1.93 0.00	22.92 2.12 0.00	24.23 2.37 -0.33	27.42 2.61 -0.91	32.01 2.89 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.15 1.91 0.00	23.48 1.68 0.00	21.98 1.36 0.00
RED___ROCHESTER 323720	18.58 -0.34 0.00	16.38 -0.33 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.07 -0.18 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.28 -0.11 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.75 -0.04 0.00	20.73 -0.06 0.00	21.34 -0.19 0.00	23.69 -0.22 0.00	25.04 -0.30 0.00	27.75 -0.45 0.00	27.82 -0.63 0.00	27.22 -0.41 0.00	24.16 -0.07 0.00	21.89 0.09 0.00	20.74 0.12 0.00
REGAN___SOLAR 323812	20.62 1.70 0.00	18.19 1.47 0.00	17.09 1.30 0.00	15.73 1.20 0.00	16.50 1.25 0.00	17.67 1.43 0.00	21.34 1.87 0.00	23.16 2.03 0.00	23.21 1.82 0.00	21.31 1.37 0.00	20.95 1.30 0.00	21.32 1.32 0.00	21.64 1.19 0.00	22.08 1.29 0.00	22.00 1.21 0.00	23.08 1.53 -0.02	25.44 1.58 0.04	27.98 2.43 -0.20	31.50 3.30 0.00	31.97 3.53 0.00	31.03 3.40 0.00	27.11 2.88 0.00	24.18 2.38 0.00	22.59 1.98 0.00
RENSSELAER___COGEN 23796	19.60 0.68 0.00	17.48 0.77 0.00	16.54 0.74 0.00	15.21 0.68 0.00	15.88 0.63 0.00	16.86 0.62 0.00	20.22 0.76 0.00	21.66 0.53 0.00	21.90 0.51 0.00	20.40 0.46 0.00	20.13 0.47 0.00	20.50 0.50 0.00	20.94 0.49 0.00	21.38 0.58 0.00	21.36 0.56 0.00	22.16 0.60 -0.02	24.53 0.67 0.04	26.35 0.79 -0.22	29.05 0.85 0.00	29.36 0.91 0.00	28.46 0.83 0.00	24.96 0.73 0.00	22.35 0.55 0.00	20.97 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.07 2.16 0.00	18.60 1.89 0.00	17.50 1.71 0.00	16.11 1.58 0.00	16.88 1.63 0.00	18.00 1.75 0.00	21.84 2.37 0.00	23.66 2.54 0.00	23.98 2.59 0.00	22.23 2.29 0.00	21.94 2.28 0.00	22.28 2.28 0.00	22.66 2.21 0.00	22.98 2.18 0.00	22.98 2.18 0.00	23.92 2.37 -0.02	26.64 2.77 0.04	28.59 3.04 -0.21	31.81 3.61 0.00	31.97 3.53 0.00	31.25 3.62 0.00	27.31 3.08 0.00	24.42 2.62 0.00	22.86 2.25 0.00
REVERE_CPPR_DRP 24186	19.56 0.64 0.00	17.23 0.52 0.00	16.27 0.47 0.00	14.99 0.46 0.00	15.73 0.47 0.00	16.86 0.62 0.00	20.26 0.80 0.00	22.08 0.95 0.00	22.25 0.86 0.00	20.75 0.82 0.00	20.38 0.73 0.00	20.70 0.70 0.00	21.23 0.78 0.00	21.58 0.79 0.00	21.58 0.79 0.00	22.33 0.80 0.00	24.90 0.91 -0.09	26.48 0.99 -0.14	29.62 1.16 -0.26	30.08 1.37 -0.27	29.20 1.33 -0.24	25.47 1.14 -0.10	22.74 0.94 0.00	21.44 0.82 0.00
REYNOLDS_115KV_TB3 80639	19.84 0.93 0.00	17.57 0.85 0.00	16.63 0.84 0.00	15.31 0.78 0.00	15.98 0.73 0.00	16.94 0.70 0.00	20.34 0.88 0.00	21.87 0.74 0.00	22.12 0.73 0.00	20.55 0.62 0.00	20.33 0.67 0.00	20.72 0.72 0.00	21.13 0.67 0.00	21.52 0.73 0.00	21.54 0.75 0.00	22.35 0.80 -0.02	24.72 0.86 0.05	26.61 1.04 -0.23	29.30 1.10 0.00	29.61 1.17 0.00	28.68 1.05 0.00	25.13 0.90 0.00	22.56 0.76 0.00	21.17 0.56 0.00
RIVERBAY____ 323610	20.66 1.74 -0.01	18.12 1.40 0.00	17.21 1.42 0.00	15.80 1.28 0.00	16.47 1.22 0.00	17.25 1.01 0.00	20.81 1.34 0.00	22.75 1.63 0.00	23.27 1.88 0.00	21.73 1.79 0.00	21.45 1.79 0.00	21.88 1.88 0.00	22.41 1.96 0.00	22.87 2.08 0.00	23.04 2.25 0.00	24.36 2.50 -0.33	27.63 2.82 -0.90	32.22 3.12 -3.76	31.53 3.33 0.00	31.52 3.07 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.59 1.79 0.00	22.06 1.44 0.00
RIVERSDE_115KV_TB3 55908	19.82 0.91 0.00	17.53 0.82 0.00	16.60 0.81 0.00	15.27 0.74 0.00	15.95 0.70 0.00	16.91 0.67 0.00	20.30 0.84 0.00	21.78 0.65 0.00	22.03 0.64 0.00	20.49 0.56 0.00	20.25 0.59 0.00	20.64 0.64 0.00	21.07 0.61 0.00	21.46 0.67 0.00	21.48 0.69 0.00	22.27 0.71 -0.02	24.60 0.74 0.04	26.48 0.91 -0.22	29.19 0.99 0.00	29.50 1.05 0.00	28.57 0.94 0.00	25.01 0.78 0.00	22.45 0.65 0.00	21.09 0.47 0.00
ROARING___BROOK_WT_PWR 323790	18.15 -0.76 0.01	16.06 -0.65 0.00	15.22 -0.57 0.00	14.05 -0.48 0.00	14.81 -0.44 0.00	15.77 -0.47 0.00	18.92 -0.54 0.00	20.58 -0.55 0.00	20.81 -0.58 0.00	19.36 -0.58 0.00	19.05 -0.61 0.00	19.32 -0.68 0.00	19.72 -0.74 0.00	20.03 -0.77 0.00	20.00 -0.79 0.00	20.76 -0.77 0.00	23.07 -0.84 0.00	24.53 -0.81 0.00	27.44 -0.76 0.00	27.82 -0.63 0.00	27.05 -0.58 0.00	23.72 -0.51 0.00	21.41 -0.39 0.00	20.22 -0.39 0.00
ROCHESRG_115KV_T4 355643	18.31 -0.61 0.00	16.23 -0.48 0.00	15.32 -0.47 0.00	14.12 -0.41 0.00	14.81 -0.44 0.00	15.90 -0.34 0.00	19.10 -0.37 0.00	20.85 -0.27 0.00	21.03 -0.36 0.00	19.68 -0.26 0.00	19.38 -0.28 0.00	19.70 -0.30 0.00	20.19 -0.27 0.00	20.32 -0.48 0.00	20.50 -0.29 0.00	21.15 -0.39 0.00	23.43 -0.48 0.00	24.86 -0.48 0.00	27.50 -0.71 0.00	27.59 -0.85 0.00	27.08 -0.55 0.00	23.89 -0.34 0.00	21.67 -0.13 0.00	20.53 -0.08 0.00

ROCHESTER_9_IC 23652	18.39 -0.53 0.00	16.30 -0.42 0.00	15.40 -0.39 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.98 -0.26 0.00	19.19 -0.27 0.00	20.98 -0.15 0.00	21.15 -0.24 0.00	19.78 -0.16 0.00	19.50 -0.16 0.00	19.82 -0.18 0.00	20.33 -0.12 0.00	20.44 -0.35 0.00	20.63 -0.17 0.00	21.28 -0.26 0.00	23.57 -0.33 0.00	25.01 -0.33 0.00	27.67 -0.54 0.00	27.76 -0.68 0.00	27.27 -0.36 0.00	24.04 -0.19 0.00	21.80 0.00 0.00	20.66 0.04 0.00
ROCKVIEW_13_KV_LD 356306	20.37 1.46 0.00	17.92 1.20 0.00	17.02 1.23 0.00	15.62 1.09 0.00	16.29 1.04 0.00	17.22 0.97 0.00	20.73 1.27 0.00	22.63 1.50 0.00	23.14 1.75 0.00	21.59 1.65 0.00	21.33 1.67 0.00	21.76 1.76 0.00	22.27 1.82 0.00	22.71 1.91 0.00	22.89 2.10 0.00	24.17 2.30 -0.33	27.39 2.58 -0.91	31.99 2.86 -3.78	31.25 3.05 0.00	31.32 2.87 0.00	30.29 2.65 0.00	26.19 1.96 0.00	23.48 1.68 0.00	22.00 1.38 0.00
ROME____115KV_TB2 80656	19.56 0.64 0.00	17.23 0.52 0.00	16.27 0.47 0.00	14.99 0.46 0.00	15.73 0.47 0.00	16.86 0.62 0.00	20.26 0.80 0.00	22.08 0.95 0.00	22.25 0.86 0.00	20.75 0.82 0.00	20.38 0.73 0.00	20.70 0.70 0.00	21.23 0.78 0.00	21.58 0.79 0.00	21.58 0.79 0.00	22.33 0.80 0.00	24.90 0.91 -0.09	26.48 0.99 -0.14	29.62 1.16 -0.26	30.08 1.37 -0.27	29.20 1.33 -0.24	25.47 1.14 -0.10	22.74 0.94 0.00	21.44 0.82 0.00
ROSETON____1 23587	19.95 1.04 0.00	17.63 0.92 0.00	16.69 0.90 0.00	15.34 0.81 0.00	16.00 0.75 0.00	16.98 0.73 0.00	20.36 0.90 0.00	22.16 1.03 0.00	22.65 1.26 0.00	21.13 1.20 0.00	20.84 1.18 0.00	21.26 1.26 0.00	21.74 1.29 0.00	22.23 1.43 0.00	22.29 1.50 0.00	23.20 1.66 0.00	25.82 1.96 0.05	27.45 2.10 0.00	30.46 2.26 0.00	30.61 2.16 0.00	29.62 1.99 0.00	25.81 1.57 0.00	23.02 1.22 0.00	21.58 0.97 0.00
ROSETON____2 23588	19.95 1.04 0.00	17.63 0.92 0.00	16.69 0.90 0.00	15.34 0.81 0.00	16.00 0.75 0.00	16.98 0.73 0.00	20.36 0.90 0.00	22.16 1.03 0.00	22.65 1.26 0.00	21.13 1.20 0.00	20.84 1.18 0.00	21.26 1.26 0.00	21.74 1.29 0.00	22.23 1.43 0.00	22.29 1.50 0.00	23.20 1.66 0.00	25.82 1.96 0.05	27.45 2.10 0.00	30.46 2.26 0.00	30.61 2.16 0.00	29.62 1.99 0.00	25.81 1.57 0.00	23.02 1.22 0.00	21.58 0.97 0.00
ROTTDAM_115KV_TB3 80664	19.60 0.68 0.00	17.32 0.60 0.00	16.38 0.58 0.00	15.06 0.54 0.00	15.76 0.50 0.00	16.75 0.50 0.00	20.13 0.66 0.00	21.82 0.70 0.00	22.12 0.73 0.00	20.63 0.70 0.00	20.35 0.69 0.00	20.72 0.72 0.00	21.13 0.67 0.00	21.50 0.71 0.00	21.52 0.73 0.00	22.35 0.80 -0.02	24.75 0.88 0.04	26.58 1.04 -0.20	29.36 1.16 0.00	29.55 1.11 0.00	28.71 1.08 0.00	25.08 0.85 0.00	22.52 0.72 0.00	21.21 0.60 0.00
RUSSELL____1 23602	18.46 -0.45 0.00	16.36 -0.35 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.03 -0.21 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.24 -0.15 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.54 -0.25 0.00	20.73 -0.06 0.00	21.39 -0.15 0.00	23.69 -0.22 0.00	25.17 -0.18 0.00	27.81 -0.39 0.00	27.90 -0.54 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.91 0.11 0.00	20.74 0.12 0.00
RUSSELL____2 23532	18.46 -0.45 0.00	16.36 -0.35 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.03 -0.21 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.24 -0.15 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.54 -0.25 0.00	20.73 -0.06 0.00	21.39 -0.15 0.00	23.69 -0.22 0.00	25.17 -0.18 0.00	27.81 -0.39 0.00	27.90 -0.54 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.91 0.11 0.00	20.74 0.12 0.00
RUSSELL____3 23549	18.46 -0.45 0.00	16.36 -0.35 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.03 -0.21 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.24 -0.15 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.54 -0.25 0.00	20.73 -0.06 0.00	21.39 -0.15 0.00	23.69 -0.22 0.00	25.17 -0.18 0.00	27.81 -0.39 0.00	27.90 -0.54 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.91 0.11 0.00	20.74 0.12 0.00
RUSSELL____4 23556	18.46 -0.45 0.00	16.36 -0.35 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.03 -0.21 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.24 -0.15 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.54 -0.25 0.00	20.73 -0.06 0.00	21.39 -0.15 0.00	23.69 -0.22 0.00	25.17 -0.18 0.00	27.81 -0.39 0.00	27.90 -0.54 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.91 0.11 0.00	20.74 0.12 0.00
RUSSELL____STATION 23914	18.46 -0.45 0.00	16.36 -0.35 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.03 -0.21 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.24 -0.15 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.54 -0.25 0.00	20.73 -0.06 0.00	21.39 -0.15 0.00	23.69 -0.22 0.00	25.17 -0.18 0.00	27.81 -0.39 0.00	27.90 -0.54 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.91 0.11 0.00	20.74 0.12 0.00
S SALMON____HYD 24043	18.86 -0.06 0.00	16.62 -0.10 0.00	15.70 -0.09 0.00	14.44 -0.09 0.00	15.16 -0.09 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.37 -0.02 0.00	19.94 0.00 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.69 -0.10 0.00	20.67 -0.12 0.00	21.34 -0.19 0.00	24.07 -0.29 -0.45	25.81 -0.28 -0.75	29.32 -0.23 -1.34	29.64 -0.20 -1.39	28.76 -0.11 -1.23	24.71 -0.05 -0.52	21.80 0.00 0.00	20.68 0.06 0.00
S.PERRY__115KV_TB1 80734	18.78 -0.13 0.00	16.63 -0.08 0.00	15.71 -0.08 0.00	14.47 -0.06 0.00	15.19 -0.06 0.00	16.37 0.13 0.00	19.74 0.27 0.00	21.53 0.40 0.00	21.52 0.13 0.00	20.02 0.08 0.00	19.60 -0.06 0.00	19.88 -0.12 0.00	20.37 -0.08 0.00	20.52 -0.27 0.00	20.82 0.02 0.00	21.47 -0.06 0.00	23.83 -0.07 0.00	25.45 0.10 0.00	28.43 0.23 0.00	28.64 0.20 0.00	28.30 0.66 0.00	24.93 0.70 0.00	22.63 0.83 0.00	21.36 0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.03 -0.89 0.00	16.03 -0.69 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.79 -0.45 0.00	18.94 -0.53 0.00	20.66 -0.46 0.00	20.81 -0.58 0.00	19.48 -0.46 0.00	19.19 -0.47 0.00	19.50 -0.50 0.00	19.98 -0.47 0.00	20.00 -0.79 0.00	20.36 -0.44 0.00	20.93 -0.60 0.00	23.14 -0.76 0.00	24.56 -0.79 0.00	27.07 -1.13 0.00	27.11 -1.34 0.00	26.75 -0.88 0.00	23.72 -0.51 0.00	21.65 -0.15 0.00	20.57 -0.04 0.00
SAWYER____23_KV_LOAD 55526	18.03 -0.89 0.00	16.03 -0.69 0.00	15.13 -0.66 0.00	13.96 -0.57 0.00	14.61 -0.64 0.00	15.79 -0.45 0.00	18.94 -0.53 0.00	20.66 -0.46 0.00	20.81 -0.58 0.00	19.48 -0.46 0.00	19.19 -0.47 0.00	19.50 -0.50 0.00	19.98 -0.47 0.00	20.00 -0.79 0.00	20.36 -0.44 0.00	20.93 -0.60 0.00	23.14 -0.76 0.00	24.56 -0.79 0.00	27.07 -1.13 0.00	27.11 -1.34 0.00	26.75 -0.88 0.00	23.72 -0.51 0.00	21.65 -0.15 0.00	20.57 -0.04 0.00

SELKIRK___I 23801	19.62 0.70 0.00	17.43 0.72 0.00	16.47 0.68 0.00	15.15 0.62 0.00	15.85 0.59 0.00	16.86 0.62 0.00	20.21 0.74 0.00	21.72 0.59 0.00	21.93 0.53 0.00	20.37 0.44 0.00	20.07 0.41 0.00	20.44 0.44 0.00	20.88 0.43 0.00	21.27 0.48 0.00	21.27 0.48 0.00	22.07 0.52 -0.02	24.46 0.60 0.04	26.27 0.74 -0.19	29.05 0.85 0.00	29.36 0.91 0.00	28.49 0.86 0.00	24.98 0.75 0.00	22.37 0.57 0.00	21.05 0.43 0.00
SELKIRK___II 23799	19.54 0.62 0.00	17.37 0.65 0.00	16.43 0.63 0.00	15.11 0.58 0.00	15.79 0.53 0.00	16.78 0.54 0.00	20.13 0.66 0.00	21.66 0.53 0.00	21.93 0.53 0.00	20.41 0.48 0.00	20.13 0.47 0.00	20.50 0.50 0.00	20.96 0.51 0.00	21.38 0.58 0.00	21.36 0.56 0.00	22.16 0.60 -0.02	24.56 0.69 0.04	26.36 0.81 -0.21	29.08 0.88 0.00	29.36 0.91 0.00	28.46 0.83 0.00	24.93 0.70 0.00	22.32 0.52 0.00	20.99 0.37 0.00
SENECA OSWGO___HYD 24041	18.71 -0.21 0.00	16.50 -0.22 0.00	15.59 -0.21 0.00	14.34 -0.19 0.00	15.04 -0.21 0.00	16.08 -0.16 0.00	19.29 -0.18 0.00	20.96 -0.17 0.00	21.18 -0.21 0.00	19.76 -0.18 0.00	19.48 -0.18 0.00	19.80 -0.20 0.00	20.25 -0.20 0.00	20.52 -0.27 0.00	20.52 -0.27 0.00	21.19 -0.35 0.00	24.18 -0.36 -0.63	26.02 -0.38 -1.05	29.71 -0.39 -1.90	29.95 -0.46 -1.96	29.02 -0.36 -1.74	24.71 -0.27 -0.74	21.58 -0.22 0.00	20.51 -0.10 0.00
SENECA___115KV_TB3 355854	18.22 -0.70 0.00	16.20 -0.52 0.00	15.30 -0.49 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	15.95 -0.29 0.00	19.17 -0.29 0.00	20.92 -0.21 0.00	21.07 -0.32 0.00	19.72 -0.22 0.00	19.42 -0.24 0.00	19.74 -0.26 0.00	20.23 -0.22 0.00	20.30 -0.50 0.00	20.63 -0.17 0.00	21.19 -0.34 0.00	23.45 -0.45 0.00	24.86 -0.48 0.00	27.47 -0.73 0.00	27.48 -0.97 0.00	27.11 -0.53 0.00	24.04 -0.19 0.00	21.93 0.13 0.00	20.84 0.23 0.00
SENECA___ENERGY 23797	18.74 -0.17 0.00	16.52 -0.20 0.00	15.59 -0.21 0.00	14.34 -0.19 0.00	15.05 -0.20 0.00	16.18 -0.06 0.00	19.45 -0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.96 0.02 0.00	19.66 0.00 0.00	19.98 -0.02 0.00	20.43 -0.02 0.00	20.75 -0.04 0.00	20.75 -0.04 0.00	21.41 -0.13 0.00	24.02 -0.12 -0.24	25.61 -0.13 -0.40	28.80 -0.11 -0.71	28.95 -0.23 -0.74	28.20 -0.08 -0.65	24.56 0.05 -0.28	21.91 0.11 0.00	20.74 0.12 0.00
SHOEMAKER___GT 23640	19.82 0.91 0.00	17.48 0.77 0.00	16.57 0.77 0.00	15.21 0.68 0.00	15.88 0.63 0.00	16.86 0.62 0.00	20.25 0.78 0.00	22.01 0.89 0.00	22.46 1.07 0.00	20.91 0.98 0.00	20.64 0.98 0.00	21.02 1.02 0.00	21.51 1.06 0.00	21.96 1.16 0.00	22.04 1.25 0.00	22.85 1.38 0.07	25.79 1.65 -0.24	26.29 1.75 0.81	30.09 1.89 0.00	30.27 1.82 0.00	29.35 1.71 0.00	25.61 1.38 0.00	22.85 1.05 0.00	21.46 0.85 0.00
SHOEMAKR_138KV_BK 111 55601	19.82 0.91 0.00	17.47 0.75 0.00	16.57 0.77 0.00	15.21 0.68 0.00	15.89 0.64 0.00	16.83 0.58 0.00	20.25 0.78 0.00	22.01 0.89 0.00	22.48 1.09 0.00	20.93 1.00 0.00	20.66 1.00 0.00	21.04 1.04 0.00	21.54 1.08 0.00	21.94 1.14 0.00	22.06 1.27 0.00	22.87 1.40 0.07	25.71 1.58 -0.23	26.31 1.77 0.81	30.06 1.86 0.00	30.24 1.79 0.00	29.29 1.66 0.00	25.47 1.24 0.00	22.85 1.05 0.00	21.46 0.85 0.00
SHOREHAM_IC_1 23715	25.15 2.19 -4.04	19.33 2.04 -0.57	17.73 1.94 0.00	16.05 1.52 0.00	16.73 1.48 0.00	17.79 1.54 0.00	21.41 1.95 0.00	23.03 1.90 0.00	23.74 2.35 0.00	22.03 2.09 0.00	26.96 2.04 -5.25	31.35 2.22 -9.13	31.90 2.27 -9.18	32.32 2.45 -9.07	33.58 2.56 -10.23	35.74 2.80 -11.40	46.52 3.18 -19.44	43.61 3.42 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	37.96 3.26 -7.07	36.33 2.83 -9.27	26.22 2.42 -2.00	22.82 2.06 -0.15
SHOREHAM_IC_2 23716	25.15 2.19 -4.04	19.33 2.04 -0.57	17.73 1.94 0.00	16.05 1.52 0.00	16.73 1.48 0.00	17.79 1.54 0.00	21.41 1.95 0.00	23.03 1.90 0.00	23.74 2.35 0.00	22.03 2.09 0.00	26.96 2.04 -5.25	31.35 2.22 -9.13	31.90 2.27 -9.18	32.32 2.45 -9.07	33.58 2.56 -10.23	35.74 2.80 -11.40	46.52 3.18 -19.44	43.61 3.42 -14.85	41.96 3.75 -10.01	38.11 3.58 -6.08	37.96 3.26 -7.07	36.33 2.83 -9.27	26.22 2.42 -2.00	22.82 2.06 -0.15
SISSONVILLE____ 23735	18.23 -0.68 0.01	16.26 -0.45 0.00	15.46 -0.33 0.00	14.25 -0.28 0.00	15.05 -0.20 0.00	16.10 -0.15 0.00	18.94 -0.53 0.00	20.62 -0.51 0.00	20.81 -0.58 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.36 -0.64 0.00	19.80 -0.65 0.00	20.15 -0.64 0.00	20.00 -0.79 0.00	20.53 -1.01 0.00	22.71 -1.20 0.00	24.00 -1.34 0.00	26.96 -1.05 0.00	27.39 -0.97 0.00	26.67 -0.48 0.00	23.75 -0.44 0.00	21.36 -0.44 0.00	20.12 -0.49 0.00
SITHE_IND_GS1 24169	18.48 -0.43 0.00	16.31 -0.40 0.00	15.41 -0.38 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.89 -0.36 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.19 -0.47 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.17 -0.62 0.00	20.17 -0.62 0.00	20.85 -0.69 0.00	21.07 -0.77 2.07	21.09 -0.81 3.44	21.09 -0.90 6.21	21.09 -0.94 6.42	21.09 -0.86 5.69	21.11 -0.70 2.42	21.19 -0.61 0.00	20.22 -0.39 0.00
SITHE_IND_GS2 24170	18.48 -0.43 0.00	16.31 -0.40 0.00	15.41 -0.38 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.89 -0.36 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.19 -0.47 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.17 -0.62 0.00	20.17 -0.62 0.00	20.85 -0.69 0.00	21.07 -0.77 2.07	21.09 -0.81 3.44	21.09 -0.90 6.21	21.09 -0.94 6.42	21.09 -0.86 5.69	21.11 -0.70 2.42	21.19 -0.61 0.00	20.22 -0.39 0.00
SITHE_IND_GS3 24171	18.48 -0.43 0.00	16.31 -0.40 0.00	15.41 -0.38 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.89 -0.36 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.19 -0.47 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.17 -0.62 0.00	20.17 -0.62 0.00	20.85 -0.69 0.00	21.07 -0.77 2.07	21.09 -0.81 3.44	21.09 -0.90 6.21	21.09 -0.94 6.42	21.09 -0.86 5.69	21.11 -0.70 2.42	21.19 -0.61 0.00	20.22 -0.39 0.00
SITHE_IND_GS4 24172	18.48 -0.43 0.00	16.31 -0.40 0.00	15.41 -0.38 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.89 -0.36 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.19 -0.47 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.17 -0.62 0.00	20.17 -0.62 0.00	20.85 -0.69 0.00	21.07 -0.77 2.07	21.09 -0.81 3.44	21.09 -0.90 6.21	21.09 -0.94 6.42	21.09 -0.86 5.69	21.11 -0.70 2.42	21.19 -0.61 0.00	20.22 -0.39 0.00
SITHE___BATAVIA 24024	18.54 -0.38 0.00	16.31 -0.40 0.00	15.40 -0.39 0.00	14.21 -0.32 0.00	14.90 -0.35 0.00	16.10 -0.15 0.00	19.29 -0.18 0.00	21.13 0.00 0.00	21.30 -0.09 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.88 -0.12 0.00	20.39 -0.06 0.00	20.75 -0.04 0.00	20.73 -0.06 0.00	21.28 -0.26 0.00	23.62 -0.29 0.00	24.94 -0.41 0.00	27.61 -0.59 0.00	27.62 -0.83 0.00	27.11 -0.53 0.00	24.23 0.00 0.00	22.06 0.26 0.00	20.90 0.29 0.00

SITHE___INDEPEND 23800	18.46 -0.45 0.00	16.31 -0.40 0.00	15.41 -0.38 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	15.89 -0.36 0.00	19.02 -0.45 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.46 -0.48 0.00	19.17 -0.49 0.00	19.50 -0.50 0.00	19.94 -0.51 0.00	20.23 -0.56 0.00	20.17 -0.62 0.00	20.87 -0.67 0.00	21.07 -0.76 2.07	21.12 -0.79 3.44	21.09 -0.90 6.21	21.12 -0.91 6.42	21.12 -0.83 5.69	21.09 -0.73 2.42	21.21 -0.59 0.00	20.22 -0.39 0.00
SITHE___MASSENA 23902	18.28 -0.62 0.01	16.20 -0.52 0.00	15.49 -0.30 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	15.90 -0.34 0.00	18.96 -0.51 0.00	20.60 -0.53 0.00	20.83 -0.56 0.00	19.36 -0.58 0.00	19.11 -0.55 0.00	19.42 -0.58 0.00	19.86 -0.59 0.00	20.17 -0.62 0.00	20.13 -0.67 0.00	20.81 -0.73 0.00	23.02 -0.88 0.00	24.38 -0.96 0.00	27.27 -0.93 0.00	27.65 -0.80 0.00	26.86 -0.77 0.00	23.63 -0.60 0.00	21.32 -0.48 0.00	20.14 -0.47 0.00
SITHE___OGDNSBRG 24021	18.40 -0.51 0.01	16.40 -0.32 0.00	15.57 -0.22 0.00	14.37 -0.16 0.00	15.18 -0.08 0.00	16.24 0.00 0.00	19.12 -0.35 0.00	20.83 -0.30 0.00	20.98 -0.41 0.00	19.48 -0.46 0.00	19.21 -0.45 0.00	19.52 -0.48 0.00	19.98 -0.47 0.00	20.34 -0.46 0.00	20.23 -0.56 0.00	20.85 -0.69 0.00	23.09 -0.81 0.00	24.38 -0.96 0.00	27.38 -0.82 0.00	27.85 -0.60 0.00	27.11 -0.53 0.00	24.04 -0.19 0.00	21.54 -0.26 0.00	20.29 -0.33 0.00
SITHE___STERLING 23777	19.44 0.53 0.00	17.13 0.42 0.00	16.17 0.38 0.00	14.89 0.36 0.00	15.62 0.37 0.00	16.73 0.49 0.00	20.11 0.64 0.00	21.89 0.76 0.00	22.07 0.68 0.00	20.59 0.66 0.00	20.25 0.59 0.00	20.56 0.56 0.00	21.06 0.61 0.00	21.42 0.62 0.00	21.42 0.62 0.00	22.16 0.62 0.00	24.71 0.72 -0.09	26.29 0.79 -0.15	29.41 0.93 -0.28	29.70 0.97 -0.29	28.91 1.02 -0.26	25.26 0.92 -0.11	22.54 0.74 0.00	21.28 0.66 0.00
SLEIGHT___34_KV_TB1 80719	18.40 -0.51 0.00	16.28 -0.43 0.00	15.37 -0.43 0.00	14.15 -0.38 0.00	14.86 -0.40 0.00	15.95 -0.29 0.00	19.17 -0.29 0.00	20.96 -0.17 0.00	21.11 -0.28 0.00	19.74 -0.20 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.25 -0.20 0.00	20.46 -0.33 0.00	20.54 -0.25 0.00	21.21 -0.32 0.00	23.50 -0.41 0.00	24.96 -0.38 0.00	27.67 -0.54 0.00	27.85 -0.60 0.00	27.25 -0.39 0.00	23.94 -0.29 0.00	21.67 -0.13 0.00	20.51 -0.10 0.00
SOUTH CAIRO___GT 23612	20.24 1.32 0.00	17.87 1.15 0.00	16.88 1.09 0.00	15.53 1.00 0.00	16.23 0.98 0.00	17.27 1.02 0.00	20.77 1.30 0.00	22.16 1.04 0.00	22.33 0.94 0.00	20.63 0.70 0.00	20.31 0.65 0.00	20.64 0.64 0.00	21.09 0.63 0.00	21.48 0.69 0.00	21.52 0.73 0.00	22.28 0.73 -0.01	24.78 0.91 0.03	26.63 1.14 -0.15	29.58 1.38 0.00	30.10 1.65 0.00	29.26 1.63 0.00	25.56 1.33 0.00	22.85 1.05 0.00	21.46 0.85 0.00
SOUTH HAMPTN___IC 23720	25.45 2.50 -4.04	19.58 2.29 -0.57	17.96 2.16 0.00	16.27 1.74 0.00	16.96 1.71 0.00	18.02 1.77 0.00	21.70 2.24 0.00	23.37 2.24 0.00	24.13 2.74 0.00	22.43 2.49 0.00	27.37 2.46 -5.25	31.81 2.68 -9.13	32.37 2.74 -9.18	32.80 2.93 -9.07	34.06 3.04 -10.23	36.23 3.30 -11.40	47.12 3.78 -19.44	44.25 4.05 -14.85	42.67 4.45 -10.01	38.79 4.27 -6.08	38.57 3.87 -7.07	36.85 3.35 -9.27	26.60 2.79 -2.00	23.17 2.41 -0.15
SOUTHDOW___115KV_TB1 355954	18.54 -0.38 0.00	16.50 -0.22 0.00	15.60 -0.19 0.00	14.38 -0.15 0.00	15.05 -0.20 0.00	16.31 0.06 0.00	19.68 0.21 0.00	21.63 0.51 0.00	21.75 0.36 0.00	20.31 0.38 0.00	20.05 0.39 0.00	20.38 0.38 0.00	20.84 0.39 0.00	20.98 0.19 0.00	21.31 0.52 0.00	21.84 0.30 0.00	24.17 0.26 0.00	25.62 0.28 0.00	28.40 0.20 0.00	28.42 -0.03 0.00	28.08 0.44 0.00	24.84 0.61 0.00	22.67 0.87 0.00	21.48 0.87 0.00
SOUTHOLD_69_KV_BK 2 55809	25.79 2.84 -4.04	19.81 2.52 -0.57	18.21 2.42 0.00	16.50 1.98 0.00	17.19 1.94 0.00	18.23 1.98 0.00	22.02 2.55 0.00	23.64 2.51 0.00	24.53 3.14 0.00	22.83 2.89 0.00	27.78 2.87 -5.25	32.25 3.12 -9.13	32.84 3.21 -9.18	33.17 3.31 -9.07	34.52 3.49 -10.23	36.75 3.81 -11.40	47.62 4.28 -19.44	44.91 4.71 -14.85	43.43 5.22 -10.01	39.42 4.89 -6.08	39.15 4.45 -7.07	37.21 3.71 -9.27	26.97 3.16 -2.00	23.54 2.78 -0.15
SOUTHOLD___IC 23719	25.79 2.84 -4.04	19.85 2.56 -0.57	18.21 2.42 0.00	16.50 1.98 0.00	17.19 1.94 0.00	18.27 2.03 0.00	22.02 2.55 0.00	23.70 2.58 0.00	24.54 3.15 0.00	22.83 2.89 0.00	27.78 2.87 -5.25	32.25 3.12 -9.13	32.82 3.19 -9.18	33.25 3.39 -9.07	34.51 3.49 -10.23	36.75 3.81 -11.40	47.72 4.37 -19.44	44.93 4.74 -14.85	43.40 5.19 -10.01	39.50 4.98 -6.08	39.21 4.51 -7.07	37.38 3.88 -9.27	26.99 3.18 -2.00	23.54 2.78 -0.15
SOUTH_FORK_WT_PWR 323839	25.83 2.87 -4.04	19.88 2.59 -0.57	18.22 2.43 0.00	16.53 2.01 0.00	17.22 1.97 0.00	18.31 2.06 0.00	22.06 2.59 0.00	23.75 2.62 0.00	24.58 3.19 0.00	22.87 2.93 0.00	27.82 2.91 -5.25	32.31 3.18 -9.13	32.88 3.25 -9.18	33.29 3.43 -9.07	34.56 3.54 -10.23	36.79 3.85 -11.40	47.79 4.45 -19.44	44.98 4.79 -14.85	43.46 5.24 -10.01	39.53 5.01 -6.08	39.23 4.53 -7.07	37.40 3.90 -9.27	27.01 3.21 -2.00	23.56 2.80 -0.15
SPIERFLS_115KV_TB 1 80737	20.22 1.31 0.00	17.85 1.14 0.00	16.85 1.06 0.00	15.50 0.97 0.00	16.23 0.98 0.00	17.27 1.02 0.00	20.83 1.36 0.00	22.54 1.42 0.00	22.84 1.45 0.00	21.25 1.32 0.00	20.97 1.32 0.00	21.34 1.34 0.00	21.76 1.31 0.00	22.13 1.33 0.00	22.15 1.35 0.00	23.02 1.46 -0.02	25.56 1.70 0.04	27.30 1.75 -0.21	30.23 2.03 0.00	30.29 1.85 0.00	29.62 1.99 0.00	25.88 1.65 0.00	23.30 1.50 0.00	21.87 1.26 0.00
ST LAWRENCE____ 23600	18.30 -0.61 0.01	16.18 -0.54 0.00	15.33 -0.46 0.00	14.12 -0.41 0.00	14.92 -0.34 0.00	15.82 -0.42 0.00	18.92 -0.54 0.00	20.56 -0.57 0.00	20.77 -0.62 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.38 -0.62 0.00	19.80 -0.66 0.00	20.13 -0.67 0.00	20.11 -0.69 0.00	20.81 -0.73 0.00	23.04 -0.86 0.00	24.41 -0.94 0.00	27.27 -0.93 0.00	27.62 -0.83 0.00	26.83 -0.80 0.00	23.55 -0.68 0.00	21.28 -0.52 0.00	20.10 -0.51 0.00
STATE_CA_115KV_115_LB 55624	19.82 0.91 0.00	17.53 0.82 0.00	16.58 0.79 0.00	15.27 0.74 0.00	15.94 0.69 0.00	16.91 0.67 0.00	20.32 0.86 0.00	21.76 0.63 0.00	22.03 0.64 0.00	20.49 0.56 0.00	20.25 0.59 0.00	20.62 0.62 0.00	21.04 0.59 0.00	21.44 0.64 0.00	21.46 0.67 0.00	22.25 0.69 -0.02	24.60 0.74 0.04	26.45 0.89 -0.22	29.19 0.99 0.00	29.47 1.02 0.00	28.55 0.91 0.00	24.96 0.73 0.00	22.43 0.63 0.00	21.07 0.45 0.00
STATE_ST_34_KV_LOAD 55959	18.92 0.00 0.00	16.70 -0.02 0.00	15.78 -0.02 0.00	14.50 -0.03 0.00	15.22 -0.03 0.00	16.31 0.06 0.00	19.60 0.14 0.00	21.36 0.23 0.00	21.56 0.17 0.00	20.12 0.18 0.00	19.81 0.16 0.00	20.16 0.16 0.00	20.62 0.16 0.00	20.92 0.12 0.00	20.94 0.15 0.00	21.65 0.11 0.00	24.28 0.10 -0.28	25.96 0.15 -0.46	29.21 0.17 -0.84	29.51 0.20 -0.86	28.65 0.25 -0.77	24.78 0.22 -0.33	22.08 0.28 0.00	20.86 0.25 0.00

STATION 5_MISC_HYD 23604	18.52 -0.40 0.00	16.31 -0.40 0.00	15.40 -0.39 0.00	14.18 -0.35 0.00	14.87 -0.38 0.00	16.00 -0.24 0.00	19.19 -0.27 0.00	20.98 -0.15 0.00	21.20 -0.19 0.00	19.78 -0.16 0.00	19.52 -0.14 0.00	19.82 -0.18 0.00	20.33 -0.12 0.00	20.65 -0.14 0.00	20.63 -0.17 0.00	21.24 -0.30 0.00	23.57 -0.33 0.00	24.91 -0.43 0.00	27.61 -0.59 0.00	27.68 -0.77 0.00	27.08 -0.55 0.00	24.04 -0.19 0.00	21.80 0.00 0.00	20.66 0.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.59 -0.32 0.00	16.45 -0.27 0.00	15.52 -0.27 0.00	14.31 -0.22 0.00	15.01 -0.24 0.00	16.11 -0.13 0.00	19.39 -0.08 0.00	21.19 0.06 0.00	21.37 -0.02 0.00	19.96 0.02 0.00	19.68 0.02 0.00	20.00 0.00 0.00	20.49 0.04 0.00	20.67 -0.12 0.00	20.79 0.00 0.00	21.45 -0.09 0.00	23.78 -0.12 0.00	25.27 -0.08 0.00	28.00 -0.20 0.00	28.16 -0.28 0.00	27.58 -0.06 0.00	24.26 0.02 0.00	21.95 0.15 0.00	20.76 0.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.33 -0.59 0.00	16.23 -0.48 0.00	15.33 -0.46 0.00	14.12 -0.41 0.00	14.81 -0.44 0.00	15.90 -0.34 0.00	19.10 -0.37 0.00	20.89 -0.23 0.00	21.07 -0.32 0.00	19.70 -0.24 0.00	19.42 -0.24 0.00	19.74 -0.26 0.00	20.25 -0.20 0.00	20.38 -0.42 0.00	20.54 -0.25 0.00	21.19 -0.34 0.00	23.50 -0.41 0.00	24.94 -0.41 0.00	27.58 -0.62 0.00	27.68 -0.77 0.00	27.16 -0.47 0.00	23.94 -0.29 0.00	21.69 -0.11 0.00	20.53 -0.08 0.00
STA_56____34_KV_BUS2 355983	18.33 -0.59 0.00	16.23 -0.48 0.00	15.33 -0.46 0.00	14.12 -0.41 0.00	14.81 -0.44 0.00	15.90 -0.34 0.00	19.10 -0.37 0.00	20.89 -0.23 0.00	21.07 -0.32 0.00	19.70 -0.24 0.00	19.42 -0.24 0.00	19.74 -0.26 0.00	20.25 -0.20 0.00	20.38 -0.42 0.00	20.54 -0.25 0.00	21.19 -0.34 0.00	23.50 -0.41 0.00	24.94 -0.41 0.00	27.58 -0.62 0.00	27.68 -0.77 0.00	27.16 -0.47 0.00	23.94 -0.29 0.00	21.69 -0.11 0.00	20.53 -0.08 0.00
STA_67____115KV_BK2 355882	18.37 -0.55 0.00	16.28 -0.43 0.00	15.37 -0.43 0.00	14.16 -0.36 0.00	14.84 -0.41 0.00	15.95 -0.29 0.00	19.15 -0.31 0.00	20.94 -0.19 0.00	21.11 -0.28 0.00	19.74 -0.20 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.27 -0.18 0.00	20.40 -0.40 0.00	20.59 -0.21 0.00	21.24 -0.30 0.00	23.52 -0.38 0.00	24.96 -0.38 0.00	27.58 -0.62 0.00	27.71 -0.74 0.00	27.19 -0.44 0.00	23.99 -0.24 0.00	21.76 -0.04 0.00	20.62 0.00 0.00
STA_7____115KV_9TRANS 80674	18.46 -0.45 0.00	16.36 -0.35 0.00	15.45 -0.35 0.00	14.24 -0.29 0.00	14.92 -0.34 0.00	16.03 -0.21 0.00	19.25 -0.21 0.00	21.06 -0.06 0.00	21.24 -0.15 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.92 -0.08 0.00	20.43 -0.02 0.00	20.54 -0.25 0.00	20.73 -0.06 0.00	21.39 -0.15 0.00	23.69 -0.22 0.00	25.17 -0.18 0.00	27.81 -0.39 0.00	27.90 -0.54 0.00	27.41 -0.22 0.00	24.16 -0.07 0.00	21.91 0.11 0.00	20.74 0.12 0.00
STA_82____115KV_TB1 80780	18.37 -0.55 0.00	16.28 -0.43 0.00	15.37 -0.43 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.95 -0.29 0.00	19.17 -0.29 0.00	20.94 -0.19 0.00	21.11 -0.28 0.00	19.76 -0.18 0.00	19.46 -0.20 0.00	19.78 -0.22 0.00	20.29 -0.16 0.00	20.42 -0.37 0.00	20.59 -0.21 0.00	21.24 -0.30 0.00	23.52 -0.38 0.00	24.96 -0.38 0.00	27.61 -0.59 0.00	27.71 -0.74 0.00	27.22 -0.41 0.00	23.99 -0.24 0.00	21.76 -0.04 0.00	20.62 0.00 0.00
STEEL____WIND 323596	18.39 -0.53 0.00	16.20 -0.52 0.00	15.29 -0.51 0.00	14.10 -0.42 0.00	14.76 -0.49 0.00	16.00 -0.24 0.00	19.15 -0.31 0.00	20.90 -0.23 0.00	21.11 -0.28 0.00	19.70 -0.24 0.00	19.44 -0.22 0.00	19.72 -0.28 0.00	20.21 -0.24 0.00	20.63 -0.17 0.00	20.61 -0.19 0.00	21.11 -0.43 0.00	23.43 -0.48 0.00	24.68 -0.66 0.00	27.36 -0.85 0.00	27.34 -1.11 0.00	26.78 -0.86 0.00	24.01 -0.22 0.00	21.91 0.11 0.00	20.84 0.23 0.00
STEPHTWN_115KV_BK_2 55603	19.90 0.98 0.00	17.60 0.89 0.00	16.65 0.85 0.00	15.31 0.78 0.00	16.00 0.75 0.00	16.98 0.73 0.00	20.42 0.95 0.00	21.85 0.72 0.00	22.12 0.73 0.00	20.55 0.62 0.00	20.31 0.65 0.00	20.68 0.68 0.00	21.13 0.67 0.00	21.50 0.71 0.00	21.52 0.73 0.00	22.33 0.78 -0.02	24.70 0.84 0.04	26.60 1.04 -0.22	29.36 1.16 0.00	29.64 1.19 0.00	28.71 1.08 0.00	25.13 0.90 0.00	22.54 0.74 0.00	21.17 0.56 0.00
STEUBEN_REC_LFGE 323667	18.52 -0.40 0.00	16.40 -0.32 0.00	15.51 -0.28 0.00	14.26 -0.26 0.00	14.98 -0.27 0.00	16.20 -0.05 0.00	19.56 0.10 0.00	21.42 0.30 0.00	21.54 0.15 0.00	20.10 0.16 0.00	19.76 0.10 0.00	20.06 0.06 0.00	20.53 0.08 0.00	20.71 -0.08 0.00	20.94 0.15 0.00	21.54 0.00 0.00	23.98 0.00 -0.08	25.57 0.10 -0.13	28.54 0.11 -0.23	28.74 0.06 -0.24	28.26 0.41 -0.21	24.83 0.51 -0.09	22.48 0.68 0.00	21.30 0.68 0.00
STILLWATER____SOLAR 323814	20.01 1.10 0.00	17.72 1.00 0.00	16.72 0.93 0.00	15.38 0.86 0.00	16.11 0.85 0.00	17.12 0.88 0.00	20.58 1.11 0.00	22.27 1.14 0.00	22.54 1.15 0.00	20.97 1.04 0.00	20.70 1.04 0.00	21.08 1.08 0.00	21.51 1.06 0.00	21.94 1.14 0.00	21.92 1.12 0.00	22.78 1.23 -0.02	25.25 1.39 0.04	27.13 1.57 -0.21	29.98 1.78 0.00	30.24 1.79 0.00	29.38 1.74 0.00	25.76 1.53 0.00	23.02 1.22 0.00	21.63 1.01 0.00
STONY____BROOK 24151	25.15 2.19 -4.04	19.24 1.95 -0.57	17.64 1.85 0.00	16.05 1.52 0.00	16.73 1.48 0.00	17.77 1.53 0.00	21.41 1.95 0.00	23.14 2.01 0.00	23.85 2.46 0.00	22.19 2.25 0.00	27.13 2.22 -5.25	31.49 2.36 -9.13	32.04 2.41 -9.18	32.44 2.58 -9.07	33.71 2.68 -10.23	35.80 2.86 -11.40	46.69 3.35 -19.44	43.77 3.57 -14.85	42.10 3.89 -10.01	38.25 3.73 -6.08	38.13 3.43 -7.07	36.36 2.86 -9.27	26.35 2.55 -2.00	22.95 2.18 -0.15
STURGEON_POOL_HYD 23609	19.94 1.02 0.00	17.53 0.82 0.00	16.66 0.87 0.00	15.28 0.76 0.00	15.95 0.70 0.00	16.88 0.63 0.00	20.28 0.82 0.00	22.16 1.04 0.00	22.89 1.50 0.00	21.31 1.38 0.00	21.03 1.38 0.00	21.44 1.44 0.00	21.97 1.51 0.00	22.42 1.62 0.00	22.60 1.81 0.00	23.52 1.98 0.00	26.17 2.27 0.00	27.85 2.51 0.00	30.82 2.62 0.00	30.98 2.53 0.00	29.96 2.32 0.00	25.90 1.67 0.00	23.20 1.40 0.00	21.77 1.15 0.00
ST_LAW_115_BK7_LBMP 345037	18.30 -0.61 0.01	16.18 -0.54 0.00	15.33 -0.46 0.00	14.12 -0.41 0.00	14.92 -0.34 0.00	15.82 -0.42 0.00	18.92 -0.54 0.00	20.56 -0.57 0.00	20.77 -0.62 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.38 -0.62 0.00	19.80 -0.66 0.00	20.13 -0.67 0.00	20.11 -0.69 0.00	20.81 -0.73 0.00	23.04 -0.86 0.00	24.41 -0.94 0.00	27.27 -0.93 0.00	27.62 -0.83 0.00	26.83 -0.80 0.00	23.55 -0.68 0.00	21.28 -0.52 0.00	20.10 -0.51 0.00
ST_LAW_115_BK8_LBMP 345038	18.30 -0.61 0.01	16.18 -0.54 0.00	15.33 -0.46 0.00	14.12 -0.41 0.00	14.92 -0.34 0.00	15.82 -0.42 0.00	18.92 -0.54 0.00	20.56 -0.57 0.00	20.77 -0.62 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.38 -0.62 0.00	19.80 -0.66 0.00	20.13 -0.67 0.00	20.11 -0.69 0.00	20.81 -0.73 0.00	23.04 -0.86 0.00	24.41 -0.94 0.00	27.27 -0.93 0.00	27.62 -0.83 0.00	26.83 -0.80 0.00	23.55 -0.68 0.00	21.28 -0.52 0.00	20.10 -0.51 0.00

ST_LAW_230_BK5_LBMP 345035	18.38 -0.53 0.01	16.25 -0.47 0.00	15.38 -0.41 0.00	14.16 -0.36 0.00	14.95 -0.30 0.00	15.87 -0.37 0.00	18.98 -0.49 0.00	20.62 -0.51 0.00	20.86 -0.53 0.00	19.40 -0.54 0.00	19.13 -0.53 0.00	19.44 -0.56 0.00	19.88 -0.57 0.00	20.21 -0.58 0.00	20.19 -0.60 0.00	20.89 -0.65 0.00	23.14 -0.77 0.00	24.51 -0.84 0.00	27.38 -0.82 0.00	27.74 -0.71 0.00	26.94 -0.69 0.00	23.65 -0.58 0.00	21.34 -0.46 0.00	20.18 -0.43 0.00
ST_LAW_230_BK6_LBMP 345036	18.38 -0.53 0.01	16.25 -0.47 0.00	15.38 -0.41 0.00	14.16 -0.36 0.00	14.95 -0.30 0.00	15.87 -0.37 0.00	18.98 -0.49 0.00	20.62 -0.51 0.00	20.86 -0.53 0.00	19.40 -0.54 0.00	19.13 -0.53 0.00	19.44 -0.56 0.00	19.88 -0.57 0.00	20.21 -0.58 0.00	20.19 -0.60 0.00	20.89 -0.65 0.00	23.14 -0.77 0.00	24.51 -0.84 0.00	27.38 -0.82 0.00	27.74 -0.71 0.00	26.94 -0.69 0.00	23.65 -0.58 0.00	21.34 -0.46 0.00	20.18 -0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.96 1.04 0.00	17.58 0.87 0.00	16.68 0.88 0.00	15.31 0.78 0.00	15.97 0.72 0.00	16.91 0.67 0.00	20.34 0.88 0.00	22.14 1.01 0.00	22.63 1.24 0.00	21.09 1.16 0.00	20.82 1.16 0.00	21.22 1.22 0.00	21.72 1.27 0.00	22.15 1.35 0.00	22.27 1.48 0.00	23.11 1.64 0.07	26.03 1.84 -0.29	26.63 2.08 0.79	30.37 2.17 0.00	30.52 2.08 0.00	29.54 1.91 0.00	25.64 1.41 0.00	23.00 1.20 0.00	21.58 0.97 0.00
SWANROAD_115KV_TB1 355699	17.76 -1.15 0.00	15.80 -0.92 0.00	14.92 -0.87 0.00	13.77 -0.76 0.00	14.41 -0.84 0.00	15.55 -0.70 0.00	18.67 -0.80 0.00	20.35 -0.78 0.00	20.49 -0.90 0.00	19.18 -0.76 0.00	18.87 -0.79 0.00	19.18 -0.82 0.00	19.65 -0.80 0.00	19.67 -1.12 0.00	20.00 -0.79 0.00	20.59 -0.95 0.00	22.76 -1.15 0.00	24.13 -1.22 0.00	26.59 -1.61 0.00	26.60 -1.85 0.00	26.28 -1.35 0.00	23.31 -0.92 0.00	21.32 -0.48 0.00	20.27 -0.35 0.00
SYNERGY___BIOGAS 323694	18.54 -0.38 0.00	16.31 -0.40 0.00	15.40 -0.39 0.00	14.21 -0.32 0.00	14.90 -0.35 0.00	16.10 -0.15 0.00	19.29 -0.18 0.00	21.13 0.00 0.00	21.30 -0.09 0.00	19.88 -0.06 0.00	19.60 -0.06 0.00	19.88 -0.12 0.00	20.39 -0.06 0.00	20.75 -0.04 0.00	20.73 -0.06 0.00	21.28 -0.26 0.00	23.62 -0.29 0.00	24.94 -0.41 0.00	27.61 -0.59 0.00	27.62 -0.83 0.00	27.11 -0.53 0.00	24.23 0.00 0.00	22.06 0.26 0.00	20.90 0.29 0.00
SYRACUSE___ENERGY_ST1 323597	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.68 0.02 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.77 -0.02 0.00	20.75 -0.04 0.00	21.45 -0.09 0.00	24.12 -0.12 -0.34	25.83 -0.08 -0.56	29.13 -0.08 -1.01	29.41 -0.09 -1.05	28.51 -0.06 -0.93	24.58 -0.05 -0.39	21.82 0.02 0.00	20.72 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	18.86 -0.06 0.00	16.65 -0.07 0.00	15.73 -0.06 0.00	14.45 -0.07 0.00	15.18 -0.08 0.00	16.23 -0.02 0.00	19.49 0.02 0.00	21.19 0.06 0.00	21.39 0.00 0.00	19.98 0.04 0.00	19.68 0.02 0.00	20.02 0.02 0.00	20.47 0.02 0.00	20.77 -0.02 0.00	20.75 -0.04 0.00	21.45 -0.09 0.00	24.12 -0.12 -0.34	25.83 -0.08 -0.56	29.13 -0.08 -1.01	29.41 -0.09 -1.05	28.51 -0.06 -0.93	24.58 -0.05 -0.39	21.82 0.02 0.00	20.72 0.10 0.00
SYRACUSE___POWER 24017	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.15 -0.10 0.00	19.39 -0.08 0.00	21.06 -0.06 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.93 -0.19 -0.22	25.56 -0.15 -0.37	28.67 -0.20 -0.66	28.93 -0.20 -0.69	28.08 -0.17 -0.61	24.34 -0.15 -0.26	21.74 -0.07 0.00	20.64 0.02 0.00
TALLMAN___138KV_BK151 55660	20.13 1.21 0.00	17.72 1.00 0.00	16.82 1.03 0.00	15.43 0.90 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.50 1.03 0.00	22.33 1.20 0.00	22.84 1.45 0.00	21.29 1.36 0.00	21.03 1.38 0.00	21.44 1.44 0.00	21.94 1.49 0.00	22.37 1.58 0.00	22.54 1.75 0.00	23.57 1.92 -0.11	26.57 2.18 -0.49	29.07 2.41 -1.32	30.74 2.54 0.00	30.86 2.42 0.00	29.84 2.21 0.00	25.86 1.62 0.00	23.20 1.40 0.00	21.75 1.13 0.00
TEALLAVE_115KV_TB7 355573	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.16 -0.08 0.00	19.41 -0.06 0.00	21.09 -0.04 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.89 -0.19 -0.17	25.46 -0.18 -0.29	28.50 -0.23 -0.52	28.76 -0.23 -0.54	27.95 -0.17 -0.48	24.27 -0.17 -0.20	21.71 -0.09 0.00	20.64 0.02 0.00
TELGRAPH_34_KV_EAST 80808	18.14 -0.78 0.00	16.13 -0.59 0.00	15.22 -0.57 0.00	14.05 -0.48 0.00	14.70 -0.55 0.00	15.87 -0.37 0.00	19.04 -0.43 0.00	20.81 -0.32 0.00	20.96 -0.43 0.00	19.60 -0.34 0.00	19.30 -0.35 0.00	19.62 -0.38 0.00	20.10 -0.35 0.00	20.15 -0.64 0.00	20.46 -0.33 0.00	21.06 -0.47 0.00	23.28 -0.62 0.00	24.71 -0.63 0.00	27.27 -0.93 0.00	27.28 -1.17 0.00	26.94 -0.69 0.00	23.87 -0.36 0.00	21.78 -0.02 0.00	20.66 0.04 0.00
TEMPLE___115KV_TB 2 55572	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.16 -0.08 0.00	19.41 -0.06 0.00	21.09 -0.04 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.96 -0.04 0.00	20.41 -0.04 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.89 -0.19 -0.17	25.48 -0.15 -0.29	28.53 -0.20 -0.52	28.76 -0.23 -0.54	27.95 -0.17 -0.48	24.29 -0.15 -0.20	21.74 -0.07 0.00	20.64 0.02 0.00
TIANA___69_KV_BK 1 55817	25.38 2.42 -4.04	19.46 2.17 -0.57	17.89 2.10 0.00	16.21 1.69 0.00	16.90 1.65 0.00	17.92 1.67 0.00	21.63 2.16 0.00	23.22 2.09 0.00	24.04 2.65 0.00	22.35 2.41 0.00	27.27 2.36 -5.25	31.69 2.56 -9.13	32.29 2.66 -9.18	32.61 2.74 -9.07	33.93 2.91 -10.23	36.10 3.17 -11.40	46.88 3.54 -19.44	44.09 3.90 -14.85	42.53 4.31 -10.01	38.56 4.04 -6.08	38.37 3.68 -7.07	36.53 3.03 -9.27	26.51 2.70 -2.00	23.09 2.33 -0.15
TILDEN___115KV_TB1 80814	18.78 -0.13 0.00	16.58 -0.13 0.00	15.67 -0.13 0.00	14.41 -0.12 0.00	15.12 -0.14 0.00	16.15 -0.10 0.00	19.39 -0.08 0.00	21.06 -0.06 0.00	21.30 -0.09 0.00	19.90 -0.04 0.00	19.62 -0.04 0.00	19.94 -0.06 0.00	20.39 -0.06 0.00	20.71 -0.08 0.00	20.69 -0.10 0.00	21.39 -0.15 0.00	23.93 -0.19 -0.22	25.56 -0.15 -0.37	28.67 -0.20 -0.66	28.93 -0.20 -0.69	28.08 -0.17 -0.61	24.34 -0.15 -0.26	21.74 -0.07 0.00	20.64 0.02 0.00
TRIGEN___CC 323695	24.64 1.68 -4.04	18.69 1.40 -0.57	17.17 1.37 0.00	15.69 1.16 0.00	16.35 1.10 0.00	17.32 1.07 0.00	20.89 1.42 0.00	22.65 1.52 0.00	23.32 1.93 0.00	21.73 1.79 0.00	26.74 1.83 -5.25	31.03 1.90 -9.13	31.59 1.96 -9.18	31.92 2.06 -9.07	33.25 2.23 -10.23	35.37 2.43 -11.40	46.05 2.70 -19.44	43.18 2.99 -14.85	41.43 3.21 -10.01	37.57 3.04 -6.08	37.52 2.82 -7.07	35.63 2.13 -9.27	25.75 1.94 -2.00	22.39 1.63 -0.15

TRINITY__115KV__4 BK 55933	19.77 0.85 0.00	17.50 0.79 0.00	16.55 0.76 0.00	15.24 0.71 0.00	15.91 0.66 0.00	16.88 0.63 0.00	20.26 0.80 0.00	21.70 0.57 0.00	21.95 0.56 0.00	20.43 0.50 0.00	20.17 0.51 0.00	20.56 0.56 0.00	20.98 0.53 0.00	21.38 0.58 0.00	21.40 0.60 0.00	22.18 0.62 -0.02	24.53 0.67 0.04	26.38 0.81 -0.22	29.08 0.87 0.00	29.36 0.91 0.00	28.46 0.83 0.00	24.91 0.68 0.00	22.37 0.57 0.00	21.01 0.39 0.00
UNION__PROCESSING_DRP 323587	18.37 -0.55 0.00	16.28 -0.43 0.00	15.38 -0.41 0.00	14.16 -0.36 0.00	14.86 -0.40 0.00	15.97 -0.28 0.00	19.17 -0.29 0.00	20.96 -0.17 0.00	21.13 -0.26 0.00	19.76 -0.18 0.00	19.46 -0.20 0.00	19.80 -0.20 0.00	20.29 -0.16 0.00	20.42 -0.37 0.00	20.59 -0.21 0.00	21.24 -0.30 0.00	23.55 -0.36 0.00	24.99 -0.35 0.00	27.61 -0.59 0.00	27.71 -0.74 0.00	27.22 -0.41 0.00	24.01 -0.22 0.00	21.78 -0.02 0.00	20.64 0.02 0.00
UPPER HUDSON__HYD 24058	20.20 1.29 0.00	17.87 1.15 0.00	16.85 1.06 0.00	15.50 0.97 0.00	16.23 0.98 0.00	17.28 1.04 0.00	20.83 1.36 0.00	22.54 1.42 0.00	22.85 1.46 0.00	21.25 1.32 0.00	20.97 1.32 0.00	21.34 1.34 0.00	21.76 1.31 0.00	22.17 1.37 0.00	22.15 1.35 0.00	23.02 1.47 -0.02	25.54 1.67 0.04	27.30 1.75 -0.21	30.26 2.06 0.00	30.35 1.91 0.00	29.65 2.02 0.00	25.98 1.75 0.00	23.33 1.53 0.00	21.87 1.26 0.00
UPPER RAQUET__HYD 24056	18.23 -0.68 0.01	16.11 -0.60 0.00	15.46 -0.33 0.00	14.25 -0.28 0.00	15.05 -0.20 0.00	15.89 -0.36 0.00	18.94 -0.52 0.00	20.62 -0.51 0.00	20.81 -0.58 0.00	19.32 -0.62 0.00	19.07 -0.59 0.00	19.36 -0.64 0.00	19.80 -0.66 0.00	20.13 -0.67 0.00	20.00 -0.79 0.00	20.55 -0.99 0.00	22.64 -1.27 0.00	24.03 -1.32 0.00	26.93 -1.27 0.00	27.36 -1.08 0.00	26.61 -1.02 0.00	23.60 -0.63 0.00	21.34 -0.46 0.00	20.12 -0.49 0.00
VALLEY44_115KV_TB2 355964	18.31 -0.61 0.00	16.28 -0.43 0.00	15.40 -0.39 0.00	14.18 -0.35 0.00	14.83 -0.43 0.00	16.00 -0.24 0.00	19.27 -0.19 0.00	20.94 -0.19 0.00	21.13 -0.26 0.00	19.76 -0.18 0.00	19.44 -0.22 0.00	19.74 -0.26 0.00	20.21 -0.25 0.00	20.30 -0.50 0.00	20.61 -0.19 0.00	21.19 -0.34 0.00	23.47 -0.43 0.00	24.94 -0.41 0.00	27.58 -0.62 0.00	27.62 -0.82 0.00	27.19 -0.44 0.00	24.04 -0.19 0.00	21.91 0.11 0.00	20.88 0.27 0.00
VALLEY__115KV_TB 1-4 80826	19.09 0.17 0.00	16.88 0.17 0.00	15.98 0.19 0.00	14.73 0.20 0.00	15.48 0.23 0.00	16.52 0.28 0.00	19.84 0.37 0.00	21.55 0.42 0.00	21.78 0.39 0.00	20.30 0.36 0.00	19.95 0.29 0.00	20.20 0.20 0.00	20.59 0.14 0.00	20.88 0.08 0.00	20.84 0.04 0.00	21.56 0.02 0.00	23.88 -0.02 0.00	25.34 0.00 0.00	28.23 0.03 0.00	28.56 0.11 0.00	27.74 0.11 0.00	24.33 0.10 0.00	21.93 0.13 0.00	20.76 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.79 0.87 0.00	17.43 0.72 0.00	16.47 0.68 0.00	15.17 0.64 0.00	15.88 0.63 0.00	16.94 0.70 0.00	20.40 0.93 0.00	22.27 1.14 0.00	22.55 1.16 0.00	21.05 1.12 0.00	20.70 1.04 0.00	21.04 1.04 0.00	21.56 1.10 0.00	21.94 1.14 0.00	22.00 1.21 0.00	22.79 1.25 0.00	25.34 1.41 -0.02	26.86 1.52 0.00	29.84 1.64 0.00	30.15 1.71 0.00	29.26 1.63 0.00	25.54 1.31 0.00	22.89 1.09 0.00	21.54 0.93 0.00
VISCHER__FERRY HYD 24020	19.82 0.91 0.00	17.58 0.87 0.00	16.63 0.84 0.00	15.30 0.77 0.00	16.00 0.75 0.00	16.99 0.75 0.00	20.38 0.92 0.00	22.04 0.91 0.00	22.29 0.90 0.00	20.73 0.80 0.00	20.46 0.81 0.00	20.86 0.86 0.00	21.29 0.84 0.00	21.73 0.94 0.00	21.71 0.91 0.00	22.57 1.01 -0.02	25.01 1.15 0.04	26.88 1.32 -0.22	29.64 1.44 0.00	29.98 1.53 0.00	29.07 1.44 0.00	25.49 1.26 0.00	22.76 0.96 0.00	21.36 0.74 0.00
V_A_10_SYNC_DSASP 323832	18.12 -0.79 0.00	15.96 -0.75 0.00	15.07 -0.73 0.00	13.89 -0.64 0.00	14.55 -0.70 0.00	15.72 -0.52 0.00	18.82 -0.64 0.00	20.51 -0.61 0.00	20.75 -0.64 0.00	19.36 -0.58 0.00	19.09 -0.57 0.00	19.38 -0.62 0.00	19.86 -0.59 0.00	20.21 -0.58 0.00	20.19 -0.60 0.00	20.74 -0.80 0.00	23.00 -0.91 0.00	24.28 -1.06 0.00	26.88 -1.33 0.00	26.88 -1.56 0.00	26.31 -1.33 0.00	23.51 -0.73 0.00	21.43 -0.37 0.00	20.33 -0.29 0.00
V_CMM_10_SYNC_DSASP 323787	18.36 -0.55 0.01	16.25 -0.47 0.00	15.40 -0.39 0.00	14.18 -0.35 0.00	14.96 -0.29 0.00	15.87 -0.37 0.00	19.00 -0.47 0.00	20.64 -0.49 0.00	20.88 -0.51 0.00	19.40 -0.54 0.00	19.15 -0.51 0.00	19.46 -0.54 0.00	19.90 -0.55 0.00	20.23 -0.56 0.00	20.19 -0.60 0.00	20.89 -0.65 0.00	23.14 -0.77 0.00	24.51 -0.84 0.00	27.38 -0.82 0.00	27.74 -0.71 0.00	26.94 -0.69 0.00	23.68 -0.56 0.00	21.36 -0.44 0.00	20.18 -0.43 0.00
V_CMP_10_SYNC_DSASP 323788	18.26 -0.64 0.01	16.11 -0.60 0.00	15.22 -0.57 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.87 -0.37 0.00	19.04 -0.43 0.00	20.77 -0.36 0.00	20.66 -0.73 0.00	19.02 -0.92 0.00	18.79 -0.86 0.00	18.96 -1.04 0.00	19.37 -1.08 0.00	19.71 -1.08 0.00	19.73 -1.06 0.00	20.44 -1.10 0.00	22.64 -1.27 0.00	24.18 -1.17 0.00	27.95 -0.25 0.00	28.59 0.14 0.00	27.88 0.25 0.00	24.55 0.31 0.00	22.02 0.22 0.00	20.78 0.16 0.00
V_D_10_SYNC_DSASP 323841	18.30 -0.61 0.01	16.20 -0.52 0.00	15.49 -0.30 0.00	14.26 -0.26 0.00	15.07 -0.18 0.00	15.90 -0.34 0.00	18.96 -0.51 0.00	20.62 -0.51 0.00	20.83 -0.56 0.00	19.36 -0.58 0.00	19.11 -0.55 0.00	19.42 -0.58 0.00	19.86 -0.59 0.00	20.19 -0.60 0.00	20.15 -0.64 0.00	20.81 -0.73 0.00	23.04 -0.86 0.00	24.41 -0.94 0.00	27.30 -0.90 0.00	27.68 -0.77 0.00	26.86 -0.77 0.00	23.63 -0.60 0.00	21.34 -0.46 0.00	20.16 -0.45 0.00
V_E_10_SYNC_DSASP 323830	20.13 1.21 0.00	17.68 0.97 0.00	16.64 0.85 0.00	15.37 0.84 0.00	16.12 0.87 0.00	17.43 1.19 0.00	20.99 1.52 0.00	22.99 1.86 0.00	22.97 1.58 0.00	21.43 1.50 0.00	20.95 1.30 0.00	21.24 1.24 0.00	21.80 1.35 0.00	22.17 1.37 0.00	22.17 1.37 0.00	22.92 1.38 0.00	25.63 1.60 -0.13	27.33 1.77 -0.21	30.73 2.14 -0.38	31.14 2.30 -0.40	30.47 2.49 -0.35	26.66 2.28 -0.15	23.65 1.85 0.00	22.27 1.65 0.00
V_F_30_NSYNC__DSASP 323816	20.01 1.10 0.00	17.72 1.00 0.00	16.72 0.93 0.00	15.40 0.87 0.00	16.11 0.85 0.00	17.14 0.89 0.00	20.60 1.13 0.00	22.29 1.16 0.00	22.57 1.18 0.00	21.01 1.08 0.00	20.72 1.06 0.00	21.10 1.10 0.00	21.53 1.08 0.00	21.94 1.14 0.00	21.92 1.12 0.00	22.78 1.23 -0.02	25.27 1.41 0.04	27.13 1.57 -0.21	30.01 1.81 0.00	30.27 1.82 0.00	29.40 1.77 0.00	25.78 1.55 0.00	23.04 1.24 0.00	21.65 1.03 0.00
V_F_30_SYNC_DSASP 323786	19.82 0.91 0.00	17.53 0.82 0.00	16.58 0.79 0.00	15.27 0.74 0.00	15.94 0.69 0.00	16.91 0.67 0.00	20.32 0.86 0.00	21.76 0.63 0.00	22.01 0.62 0.00	20.49 0.56 0.00	20.23 0.57 0.00	20.62 0.62 0.00	21.04 0.59 0.00	21.44 0.64 0.00	21.46 0.67 0.00	22.25 0.69 -0.02	24.60 0.74 0.04	26.45 0.89 -0.22	29.19 0.99 0.00	29.47 1.02 0.00	28.55 0.91 0.00	24.96 0.73 0.00	22.43 0.63 0.00	21.07 0.45 0.00



V_XM10_SYNC_DSASP 323789	18.26 -0.64 0.01	16.11 -0.60 0.00	15.22 -0.57 0.00	14.03 -0.49 0.00	14.90 -0.35 0.00	15.87 -0.37 0.00	19.04 -0.43 0.00	20.77 -0.36 0.00	20.66 -0.73 0.00	19.02 -0.92 0.00	18.79 -0.86 0.00	18.96 -1.04 0.00	19.37 -1.08 0.00	19.71 -1.08 0.00	19.73 -1.06 0.00	20.44 -1.10 0.00	22.64 -1.27 0.00	24.18 -1.17 0.00	27.95 -0.25 0.00	28.59 0.14 0.00	27.88 0.25 0.00	24.55 0.31 0.00	22.02 0.22 0.00	20.78 0.16 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.18 1.27 0.00	17.77 1.05 0.00	16.87 1.07 0.00	15.48 0.96 0.00	16.14 0.88 0.00	17.07 0.83 0.00	20.56 1.09 0.00	22.42 1.29 0.00	22.93 1.54 0.00	21.39 1.46 0.00	21.11 1.45 0.00	21.52 1.52 0.00	22.05 1.60 0.00	22.48 1.68 0.00	22.65 1.85 0.00	23.99 2.02 -0.42	26.83 2.27 -0.66	32.77 2.51 -4.91	30.85 2.65 0.00	30.98 2.53 0.00	29.98 2.35 0.00	25.95 1.72 0.00	23.28 1.48 0.00	21.81 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.37 1.46 0.00	17.89 1.17 0.00	17.01 1.22 0.00	15.60 1.07 0.00	16.27 1.02 0.00	17.19 0.94 0.00	20.73 1.27 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.63 1.69 0.00	21.35 1.69 0.00	21.76 1.76 0.00	22.29 1.84 0.00	22.73 1.93 0.00	22.92 2.12 0.00	24.23 2.37 -0.33	27.42 2.61 -0.91	32.01 2.89 -3.77	31.28 3.07 0.00	31.32 2.87 0.00	30.23 2.60 0.00	26.15 1.91 0.00	23.48 1.68 0.00	21.98 1.36 0.00
W50THST__13_KV_LOAD 356117	20.45 1.53 0.00	17.95 1.24 0.00	17.07 1.28 0.00	15.66 1.13 0.00	16.34 1.08 0.00	17.25 1.01 0.00	20.83 1.36 0.00	22.75 1.63 0.00	23.29 1.90 0.00	21.75 1.81 0.00	21.45 1.79 0.00	21.88 1.88 0.00	22.39 1.94 0.00	22.85 2.06 0.00	23.04 2.25 0.00	24.34 2.48 -0.33	27.56 2.75 -0.91	32.16 3.04 -3.77	31.42 3.21 0.00	31.46 3.02 0.00	30.37 2.74 0.00	26.24 2.01 0.00	23.57 1.77 0.00	22.04 1.42 0.00
WADING RIVER_IC_1 23522	25.11 2.16 -4.04	19.31 2.02 -0.57	17.72 1.93 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	22.99 1.86 0.00	23.70 2.31 0.00	21.99 2.05 0.00	26.92 2.01 -5.25	31.31 2.18 -9.13	31.88 2.25 -9.18	32.27 2.41 -9.07	33.54 2.52 -10.23	35.70 2.76 -11.40	46.47 3.13 -19.44	43.56 3.37 -14.85	41.88 3.66 -10.01	38.05 3.53 -6.08	37.88 3.18 -7.07	36.26 2.76 -9.27	26.16 2.36 -2.00	22.76 2.00 -0.15
WADING RIVER_IC_2 23547	25.11 2.16 -4.04	19.31 2.02 -0.57	17.72 1.93 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	22.99 1.86 0.00	23.70 2.31 0.00	21.99 2.05 0.00	26.92 2.01 -5.25	31.31 2.18 -9.13	31.88 2.25 -9.18	32.27 2.41 -9.07	33.54 2.52 -10.23	35.70 2.76 -11.40	46.47 3.13 -19.44	43.56 3.37 -14.85	41.88 3.66 -10.01	38.05 3.53 -6.08	37.88 3.18 -7.07	36.26 2.76 -9.27	26.16 2.36 -2.00	22.76 2.00 -0.15
WADING RIVER_IC_3 23601	25.11 2.16 -4.04	19.31 2.02 -0.57	17.72 1.93 0.00	16.04 1.51 0.00	16.72 1.46 0.00	17.76 1.51 0.00	21.39 1.93 0.00	22.99 1.86 0.00	23.70 2.31 0.00	21.99 2.05 0.00	26.92 2.01 -5.25	31.31 2.18 -9.13	31.88 2.25 -9.18	32.27 2.41 -9.07	33.54 2.52 -10.23	35.70 2.76 -11.40	46.47 3.13 -19.44	43.56 3.37 -14.85	41.88 3.66 -10.01	38.05 3.53 -6.08	37.88 3.18 -7.07	36.26 2.76 -9.27	26.16 2.36 -2.00	22.76 2.00 -0.15
WALDENNY_12_KV_BK2 80841	18.20 -0.72 0.00	16.18 -0.53 0.00	15.29 -0.51 0.00	14.09 -0.44 0.00	14.75 -0.50 0.00	15.94 -0.31 0.00	19.15 -0.31 0.00	20.92 -0.21 0.00	21.07 -0.32 0.00	19.72 -0.22 0.00	19.42 -0.24 0.00	19.74 -0.26 0.00	20.23 -0.22 0.00	20.30 -0.50 0.00	20.63 -0.17 0.00	21.19 -0.34 0.00	23.43 -0.48 0.00	24.84 -0.51 0.00	27.44 -0.76 0.00	27.45 -1.00 0.00	27.08 -0.55 0.00	24.01 -0.22 0.00	21.91 0.11 0.00	20.82 0.21 0.00
WALDEN__HYDRO 24148	20.03 1.12 0.00	17.63 0.92 0.00	16.74 0.95 0.00	15.35 0.83 0.00	16.03 0.78 0.00	16.98 0.73 0.00	20.42 0.95 0.00	22.23 1.10 0.00	22.74 1.35 0.00	21.17 1.24 0.00	20.88 1.22 0.00	21.28 1.28 0.00	21.78 1.33 0.00	22.21 1.41 0.00	22.35 1.56 0.00	23.23 1.72 0.03	25.93 1.96 -0.06	27.23 2.20 0.32	30.51 2.31 0.00	30.69 2.25 0.00	29.73 2.10 0.00	25.78 1.55 0.00	23.11 1.31 0.00	21.69 1.07 0.00
WARRENSBURG____ 23737	20.20 1.29 0.00	17.87 1.15 0.00	16.85 1.06 0.00	15.50 0.97 0.00	16.23 0.98 0.00	17.28 1.04 0.00	20.83 1.36 0.00	22.54 1.42 0.00	22.85 1.46 0.00	21.25 1.32 0.00	20.97 1.32 0.00	21.34 1.34 0.00	21.76 1.31 0.00	22.17 1.37 0.00	22.15 1.35 0.00	23.02 1.47 -0.02	25.54 1.67 0.04	27.30 1.75 -0.21	30.26 2.06 0.00	30.35 1.91 0.00	29.65 2.02 0.00	25.98 1.75 0.00	23.33 1.53 0.00	21.87 1.26 0.00
WATERSIDE____6 8 9 23538	20.44 1.51 -0.01	17.94 1.22 0.00	17.06 1.26 0.00	15.66 1.13 0.00	16.32 1.07 0.00	17.15 0.91 0.00	20.71 1.25 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.63 1.69 0.00	21.37 1.71 0.00	21.78 1.78 0.00	22.31 1.86 0.00	22.77 1.98 0.00	22.96 2.16 0.00	24.25 2.39 -0.32	27.48 2.68 -0.90	32.07 2.97 -3.76	30.01 3.16 1.35	31.38 2.93 0.00	30.29 2.65 0.00	26.15 1.91 0.00	23.48 1.68 0.00	21.96 1.34 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.12 0.21 0.00	16.90 0.18 0.00	15.98 0.19 0.00	14.71 0.19 0.00	15.45 0.20 0.00	16.47 0.23 0.00	19.76 0.29 0.00	21.44 0.32 0.00	21.69 0.30 0.00	20.22 0.28 0.00	19.89 0.24 0.00	20.20 0.20 0.00	20.64 0.18 0.00	20.96 0.17 0.00	20.96 0.17 0.00	21.71 0.17 0.00	24.05 0.14 0.00	25.55 0.20 0.00	28.43 0.23 0.00	28.70 0.26 0.00	27.88 0.25 0.00	24.43 0.19 0.00	22.00 0.20 0.00	20.80 0.19 0.00
WATSON__69_KV_BK 1 55734	25.30 2.35 -4.04	19.31 2.02 -0.57	17.74 1.94 0.00	16.14 1.61 0.00	16.82 1.57 0.00	17.84 1.59 0.00	21.55 2.08 0.00	23.24 2.11 0.00	24.02 2.63 0.00	22.35 2.41 0.00	27.31 2.40 -5.25	31.67 2.54 -9.13	32.27 2.64 -9.18	32.59 2.72 -9.07	33.93 2.91 -10.23	36.08 3.14 -11.40	46.91 3.56 -19.44	44.04 3.85 -14.85	42.44 4.23 -10.01	38.54 4.01 -6.08	38.49 3.79 -7.07	36.53 3.03 -9.27	26.53 2.73 -2.00	23.13 2.37 -0.15
WDELAWARE__HYD 323627	19.67 0.76 0.00	17.32 0.60 0.00	16.39 0.60 0.00	15.05 0.52 0.00	15.71 0.46 0.00	16.68 0.44 0.00	20.01 0.54 0.00	21.80 0.68 0.00	22.33 0.94 0.00	20.79 0.86 0.00	20.48 0.83 0.00	20.86 0.86 0.00	21.39 0.94 0.00	21.85 1.06 0.00	21.96 1.16 0.00	22.83 1.31 0.02	25.58 1.63 -0.05	26.85 1.75 0.24	30.09 1.89 0.00	30.29 1.85 0.00	29.38 1.74 0.00	25.56 1.33 0.00	22.76 0.96 0.00	21.34 0.72 0.00
WEST BABYLON__IC 23714	25.17 2.21 -4.04	19.19 1.91 -0.57	17.61 1.82 0.00	16.05 1.53 0.00	16.73 1.48 0.00	17.72 1.48 0.00	21.41 1.95 0.00	23.11 1.99 0.00	23.87 2.48 0.00	22.23 2.29 0.00	27.21 2.30 -5.25	31.55 2.42 -9.13	32.12 2.50 -9.18	32.46 2.60 -9.07	33.79 2.77 -10.23	35.95 3.02 -11.40	46.74 3.39 -19.44	43.87 3.67 -14.85	42.24 4.03 -10.01	38.36 3.84 -6.08	38.32 3.62 -7.07	36.36 2.86 -9.27	26.38 2.57 -2.00	22.99 2.23 -0.15

WEST CANADA___HYD 24049	19.07 0.15 0.00	16.85 0.13 0.00	15.92 0.13 0.00	14.64 0.12 0.00	15.36 0.11 0.00	16.36 0.11 0.00	19.62 0.16 0.00	21.30 0.17 0.00	21.56 0.17 0.00	20.09 0.16 0.00	19.80 0.14 0.00	20.14 0.14 0.00	20.61 0.16 0.00	20.96 0.17 0.00	20.96 0.17 0.00	21.71 0.17 0.00	24.12 0.21 0.00	25.57 0.23 0.00	28.45 0.25 0.00	28.67 0.23 0.00	27.85 0.22 0.00	24.42 0.19 0.00	21.93 0.13 0.00	20.74 0.12 0.00
WESTERN_NY_WIND 24143	18.35 -0.57 0.00	16.30 -0.42 0.00	15.38 -0.41 0.00	14.19 -0.33 0.00	14.89 -0.37 0.00	16.05 -0.19 0.00	19.27 -0.19 0.00	21.11 -0.02 0.00	21.24 -0.15 0.00	19.86 -0.08 0.00	19.54 -0.12 0.00	19.84 -0.16 0.00	20.35 -0.10 0.00	20.40 -0.40 0.00	20.71 -0.08 0.00	21.30 -0.24 0.00	23.59 -0.31 0.00	25.07 -0.28 0.00	27.64 -0.56 0.00	27.68 -0.77 0.00	27.36 -0.28 0.00	24.21 -0.02 0.00	22.04 0.24 0.00	20.88 0.27 0.00
WESTOVER___LESR 323668	19.05 0.13 0.00	16.83 0.12 0.00	15.90 0.11 0.00	14.63 0.10 0.00	15.33 0.08 0.00	16.39 0.15 0.00	19.72 0.25 0.00	21.44 0.32 0.00	21.69 0.30 0.00	20.24 0.30 0.00	19.93 0.28 0.00	20.26 0.26 0.00	20.74 0.29 0.00	21.02 0.23 0.00	21.11 0.31 0.00	21.84 0.30 0.00	24.36 0.33 -0.12	25.95 0.41 -0.20	28.96 0.39 -0.37	29.19 0.37 -0.38	28.41 0.44 -0.34	24.74 0.36 -0.14	22.21 0.41 0.00	21.01 0.39 0.00
WETHRSFD_WT_PWR 323626	18.31 -0.61 0.00	16.15 -0.57 0.00	15.24 -0.55 0.00	14.03 -0.49 0.00	14.70 -0.55 0.00	15.92 -0.32 0.00	19.08 -0.39 0.00	20.81 -0.32 0.00	21.01 -0.38 0.00	19.60 -0.34 0.00	19.32 -0.33 0.00	19.60 -0.40 0.00	20.06 -0.39 0.00	20.46 -0.33 0.00	20.46 -0.33 0.00	21.00 -0.54 0.00	23.33 -0.57 0.00	24.68 -0.66 0.00	27.44 -0.76 0.00	27.45 -1.00 0.00	26.92 -0.72 0.00	24.04 -0.19 0.00	21.89 0.09 0.00	20.78 0.16 0.00
WHAVSTOR_138KV_BK127 55557	20.11 1.19 0.00	17.70 0.99 0.00	16.80 1.01 0.00	15.43 0.90 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.48 1.01 0.00	22.31 1.18 0.00	22.82 1.43 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.42 1.42 0.00	21.92 1.47 0.00	22.35 1.56 0.00	22.52 1.73 0.00	23.92 1.90 -0.49	26.72 2.13 -0.69	33.39 2.38 -5.67	30.71 2.51 0.00	30.83 2.39 0.00	29.82 2.18 0.00	25.83 1.60 0.00	23.17 1.37 0.00	21.73 1.11 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.11 1.19 0.00	17.70 0.99 0.00	16.80 1.01 0.00	15.43 0.90 0.00	16.09 0.84 0.00	17.02 0.78 0.00	20.48 1.01 0.00	22.31 1.18 0.00	22.82 1.43 0.00	21.29 1.36 0.00	21.01 1.36 0.00	21.42 1.42 0.00	21.92 1.47 0.00	22.35 1.56 0.00	22.52 1.73 0.00	23.92 1.90 -0.49	26.72 2.13 -0.69	33.39 2.38 -5.67	30.71 2.51 0.00	30.83 2.39 0.00	29.82 2.18 0.00	25.83 1.60 0.00	23.17 1.37 0.00	21.73 1.11 0.00
WHITEHAL_115KV_TB1 80871	20.52 1.61 0.00	18.14 1.42 0.00	17.09 1.30 0.00	15.72 1.19 0.00	16.47 1.22 0.00	17.53 1.28 0.00	21.20 1.73 0.00	22.94 1.82 0.00	23.23 1.84 0.00	21.59 1.65 0.00	21.31 1.65 0.00	21.66 1.66 0.00	22.09 1.64 0.00	22.44 1.64 0.00	22.44 1.64 0.00	23.34 1.79 -0.02	25.94 2.08 0.04	27.81 2.26 -0.21	30.85 2.65 0.00	31.01 2.56 0.00	30.26 2.63 0.00	26.44 2.21 0.00	23.72 1.92 0.00	22.22 1.61 0.00
WHITEPLN_13_KV_LOAD 356215	20.41 1.49 0.00	17.94 1.22 0.00	17.06 1.26 0.00	15.64 1.12 0.00	16.30 1.05 0.00	17.24 0.99 0.00	20.79 1.32 0.00	22.71 1.58 0.00	23.23 1.84 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.33 1.88 0.00	22.77 1.98 0.00	22.96 2.16 0.00	24.25 2.37 -0.34	27.44 2.68 -0.86	32.24 2.94 -3.96	31.33 3.13 0.00	31.40 2.96 0.00	30.40 2.76 0.00	26.24 2.01 0.00	23.52 1.72 0.00	22.02 1.40 0.00
WM_FLOYD_69_KV_BK2 356380	25.24 2.29 -4.04	19.33 2.04 -0.57	17.75 1.96 0.00	16.11 1.58 0.00	16.79 1.54 0.00	17.80 1.56 0.00	21.51 2.04 0.00	23.09 1.96 0.00	23.87 2.48 0.00	22.19 2.25 0.00	27.11 2.20 -5.25	31.49 2.36 -9.13	32.06 2.43 -9.18	32.40 2.54 -9.07	33.73 2.70 -10.23	35.87 2.93 -11.40	46.62 3.27 -19.44	43.82 3.62 -14.85	42.22 4.00 -10.01	38.31 3.78 -6.08	38.15 3.45 -7.07	36.34 2.84 -9.27	26.38 2.57 -2.00	22.97 2.21 -0.15
WOODARD__115KV_TB2 355635	18.76 -0.15 0.00	16.56 -0.15 0.00	15.65 -0.14 0.00	14.40 -0.13 0.00	15.10 -0.15 0.00	16.13 -0.11 0.00	19.37 -0.10 0.00	21.04 -0.08 0.00	21.26 -0.13 0.00	19.86 -0.08 0.00	19.56 -0.10 0.00	19.90 -0.10 0.00	20.35 -0.10 0.00	20.67 -0.12 0.00	20.63 -0.17 0.00	21.32 -0.22 0.00	23.89 -0.24 -0.22	25.48 -0.23 -0.37	28.58 -0.28 -0.66	28.85 -0.28 -0.69	28.02 -0.22 -0.61	24.27 -0.22 -0.26	21.67 -0.13 0.00	20.59 -0.02 0.00
YORK___WARBASSE 23770	20.55 1.63 -0.01	17.99 1.27 0.00	17.09 1.30 0.00	15.67 1.15 0.00	16.34 1.08 0.00	17.14 0.89 0.00	20.69 1.23 0.00	22.63 1.50 0.00	23.17 1.78 0.00	21.65 1.71 0.00	21.39 1.73 0.00	21.82 1.82 0.00	22.35 1.90 0.00	22.83 2.04 0.00	23.02 2.23 0.00	24.40 2.48 -0.38	37.74 2.77 -11.06	34.69 3.07 -6.28	40.91 3.27 -9.43	31.49 3.04 0.00	30.42 2.79 0.00	26.24 2.01 0.00	23.54 1.74 0.00	22.02 1.40 0.00