

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					06/11/2023	
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	
	20.17	18.58	17.30	16.08	15.74	16.38	17.95	18.34	18.71	19.33	20.08	21.27	22.47	24.26	26.18	27.65	32.55	36.01	41.71	33.97	32.54	28.64	23.97	22.42		
	1.28	1.07	1.06	1.03	1.02	1.05	1.13	1.17	1.23	1.31	1.53	1.75	1.89	2.14	2.23	2.41	2.74	2.89	2.36	2.39	2.30	2.05	1.79	1.43		
74TH STREET_GT_1 24260																										
	20.15	18.57	17.28	16.06	15.74	16.37	17.94	18.33	18.68	19.31	20.06	21.25	22.45	24.24	26.14	27.62	32.57	35.98	41.71	33.94	32.52	28.62	23.97	22.41		
	1.26	1.05	1.04	1.02	1.02	1.03	1.12	1.16	1.20	1.29	1.51	1.73	1.87	2.12	2.18	2.38	2.77	2.86	2.36	2.36	2.27	2.03	1.79	1.42		
74TH STREET_GT_2 24261																										
	20.15	18.57	17.28	16.06	15.74	16.37	17.94	18.33	18.68	19.31	20.06	21.25	22.45	24.24	26.14	27.62	32.57	35.98	41.71	33.94	32.52	28.62	23.97	22.41		
	1.26	1.05	1.04	1.02	1.02	1.03	1.12	1.16	1.20	1.29	1.51	1.73	1.87	2.12	2.18	2.38	2.77	2.86	2.36	2.36	2.27	2.03	1.79	1.42		
ADK HUDSON___FALLS 24011																										
	20.59	19.35	17.68	16.27	15.89	16.60	18.42	18.87	19.33	19.98	20.23	21.21	22.29	23.86	25.73	26.47	31.68	40.57	61.99	43.83	41.74	34.19	28.55	23.42		
	1.51	1.20	1.18	1.13	1.12	1.21	1.18	1.20	1.26	1.32	1.41	1.56	1.71	1.75	1.77	1.53	1.92	2.31	2.15	2.13	2.05	1.86	1.49	1.66		
ADK RESOURCE___RCVRY 23798																										
	20.70	19.45	17.77	16.36	15.96	16.70	18.52	18.98	19.45	20.10	20.35	21.36	22.45	24.02	25.92	26.62	31.83	40.84	62.38	44.12	41.99	34.39	28.69	23.57		
	1.62	1.30	1.27	1.22	1.19	1.32	1.27	1.31	1.38	1.45	1.53	1.71	1.87	1.90	1.96	1.68	2.06	2.55	2.41	2.36	2.25	2.03	1.61	1.81		
ADK S GLENS___FALLS 24028																										
	20.59	19.35	17.68	16.27	15.89	16.60	18.42	18.87	19.33	19.98	20.23	21.21	22.29	23.86	25.73	26.47	31.68	40.57	61.99	43.83	41.74	34.19	28.55	23.42		
	1.51	1.20	1.18	1.13	1.12	1.21	1.18	1.20	1.26	1.32	1.41	1.56	1.71	1.75	1.77	1.53	1.92	2.31	2.15	2.13	2.05	1.86	1.49	1.66		
ADK_NYS___DAM 23527																										
	20.25	19.03	17.45	16.08	15.70	16.35	18.15	18.52	18.95	19.49	19.87	20.83	21.81	23.49	25.30	26.22	30.93	38.52	53.73	40.33	38.48	32.16	26.95	22.78		
	1.20	0.99	0.99	0.96	0.95	0.97	0.98	0.94	0.98	0.95	1.09	1.20	1.23	1.37	1.34	1.43	1.63	1.76	1.50	1.55	1.52	1.49	1.29	1.15		
AIR_PRODUCTS___DRP 24190																										
	19.45	18.39	16.84	15.50	15.15	15.79	17.52	17.96	18.38	18.97	19.29	20.14	21.13	22.76	24.51	25.64	30.53	36.62	49.77	37.53	35.81	30.22	25.26	22.08		
	0.40	0.34	0.38	0.38	0.39	0.41	0.34	0.37	0.40	0.41	0.51	0.51	0.56	0.64	0.55	0.68	0.81	0.85	0.71	0.71	0.68	0.66	0.55	0.44		
AKWESSNE_115KV_BK 355683																										
	17.90	15.04	15.07	14.49	14.34	14.86	15.00	15.11	15.06	15.46	17.27	18.62	20.06	21.59	23.33	24.43	26.46	29.89	25.73	25.63	24.75	23.05	19.23	17.90		
	-0.35	-0.21	-0.25	-0.24	-0.20	-0.30	-0.31	-0.29	-0.31	-0.32	-0.32	-0.42	-0.51	-0.53	-0.62	-0.65	-0.65	-0.49	-0.53	-0.60	-0.51	-0.52	-0.39	-0.37		
ALBANY___1 23571																										
	19.45	18.39	16.84	15.50	15.15	15.79	17.52	17.96	18.38	18.97	19.29	20.14	21.13	22.76	24.51	25.64	30.53	36.62	49.77	37.53	35.81	30.22	25.26	22.08		
	0.40	0.34	0.38	0.38	0.39	0.41	0.34	0.37	0.40	0.41	0.51	0.51	0.56	0.64	0.55	0.68	0.81	0.85	0.71	0.71	0.68	0.66	0.55	0.44		
ALBANY___2 23572																										
	19.45	18.39	16.84	15.50	15.15	15.79	17.52	17.96	18.38	18.97	19.29	20.14	21.13	22.76	24.51	25.64	30.53	36.62	49.77	37.53	35.81	30.22	25.26	22.08		
	0.40	0.34	0.38	0.38	0.39	0.41	0.34	0.37	0.40	0.41	0.51	0.51	0.56	0.64	0.55	0.68	0.81	0.85	0.71	0.71	0.68	0.66	0.55	0.44		
ALBANY___3 23573																										
	19.45	18.39	16.84	15.50	15.15	15.79	17.52	17.96	18.38	18.97	19.29	20.14	21.13	22.76	24.51	25.64	30.53	36.62	49.77	37.53	35.81	30.22	25.26	22.08		
	0.40	0.34	0.38	0.38	0.39	0.41	0.34	0.37	0.40	0.41	0.51	0.51	0.56	0.64	0.55	0.68	0.81	0.85	0.71	0.71	0.68	0.66	0.55	0.44		

ALBANY___4 23574	19.45 0.40 -0.81	18.39 0.34 -2.80	16.84 0.38 -1.15	15.50 0.38 -0.39	15.15 0.39 -0.21	15.79 0.41 -0.21	17.52 0.34 -1.88	17.96 0.37 -2.19	18.38 0.40 -2.61	18.97 0.41 -2.79	19.29 0.51 -1.19	20.14 0.51 -0.59	21.13 0.56 0.00	22.76 0.64 0.00	24.51 0.55 0.00	25.64 0.68 0.12	30.53 0.81 -2.61	36.62 0.85 -5.39	49.77 0.71 -22.81	37.53 0.71 -10.58	35.81 0.68 -9.87	30.22 0.66 -6.00	25.26 0.55 -5.09	22.08 0.44 -3.38
ALBANY___LFGE 323615	19.62 0.57 -0.81	18.55 0.47 -2.83	16.99 0.52 -1.16	15.64 0.52 -0.40	15.27 0.51 -0.21	15.91 0.53 -0.21	17.66 0.46 -1.89	18.12 0.51 -2.21	18.54 0.54 -2.63	19.14 0.55 -2.81	19.46 0.67 -1.20	20.34 0.70 -0.60	21.34 0.76 0.00	22.98 0.86 0.00	24.79 0.84 0.00	25.91 0.95 0.13	30.83 1.11 -2.61	37.64 1.15 -6.10	53.12 1.00 -25.87	39.22 1.00 -11.98	37.40 0.96 -11.18	31.25 0.90 -6.79	26.15 0.76 -5.76	22.31 0.64 -3.41
ALCOA_PA_115KV_PL-6C 55860	18.01 -0.24 0.00	15.14 -0.11 0.00	15.16 -0.15 0.00	14.57 -0.16 0.00	14.45 -0.10 0.00	14.95 -0.21 0.00	15.09 -0.21 0.00	15.20 -0.20 0.00	15.14 -0.23 0.00	15.54 -0.24 0.00	17.38 -0.21 0.00	18.73 -0.30 0.00	20.19 -0.39 0.00	21.70 -0.42 0.00	23.48 -0.48 0.00	24.58 -0.50 0.00	26.59 -0.52 0.00	30.08 -0.30 0.00	25.94 -0.32 0.00	25.82 -0.42 0.00	24.91 -0.35 0.00	23.21 -0.35 0.00	19.36 -0.26 0.00	18.04 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	18.01 -0.24 0.00	15.14 -0.11 0.00	15.16 -0.15 0.00	14.57 -0.16 0.00	14.45 -0.10 0.00	14.95 -0.21 0.00	15.09 -0.21 0.00	15.20 -0.20 0.00	15.14 -0.23 0.00	15.54 -0.24 0.00	17.38 -0.21 0.00	18.73 -0.30 0.00	20.19 -0.39 0.00	21.70 -0.42 0.00	23.48 -0.48 0.00	24.58 -0.50 0.00	26.59 -0.52 0.00	30.08 -0.30 0.00	25.94 -0.32 0.00	25.82 -0.42 0.00	24.91 -0.35 0.00	23.21 -0.35 0.00	19.36 -0.26 0.00	18.04 -0.22 0.00
ALCOA___DSASP 323711	18.01 -0.24 0.00	15.14 -0.11 0.00	15.13 -0.18 0.00	14.57 -0.16 0.00	14.45 -0.10 0.00	14.95 -0.21 0.00	15.09 -0.21 0.00	15.20 -0.20 0.00	15.11 -0.26 0.00	15.54 -0.24 0.00	17.38 -0.21 0.00	18.73 -0.31 0.00	20.19 -0.39 0.00	21.70 -0.42 0.00	23.48 -0.48 0.00	24.58 -0.50 0.00	26.59 -0.52 0.00	30.08 -0.30 0.00	25.94 -0.31 0.00	25.82 -0.42 0.00	24.91 -0.35 0.00	23.21 -0.35 0.00	19.36 -0.26 0.00	18.04 -0.22 0.00
ALLEGHENY___COGEN 23514	18.79 0.44 -0.11	15.85 0.20 -0.40	15.78 0.31 -0.16	15.06 0.28 -0.06	14.80 0.22 -0.03	15.45 0.26 -0.03	15.68 0.11 -0.27	15.54 -0.17 -0.31	15.22 -0.52 -0.37	15.43 -0.74 -0.39	16.72 -1.04 -0.17	18.08 -1.05 -0.08	19.61 -0.97 0.00	21.08 -1.04 0.00	23.17 -0.79 0.00	24.10 -0.98 0.00	26.38 -1.14 -0.41	29.77 -1.09 -0.48	28.36 0.00 -2.11	27.73 0.55 -0.94	26.79 0.66 -0.88	24.78 0.68 -0.53	20.41 0.33 -0.45	19.07 0.33 -0.48
ALTAMONT_115KV_TB 2 55880	19.71 0.66 -0.81	18.59 0.53 -2.80	17.01 0.55 -1.15	15.67 0.54 -0.39	15.30 0.54 -0.21	15.94 0.56 -0.21	17.72 0.54 -1.88	18.13 0.54 -2.19	18.55 0.57 -2.61	19.13 0.57 -2.79	19.45 0.67 -1.19	20.37 0.74 -0.59	21.38 0.80 0.00	23.02 0.91 0.00	24.82 0.86 0.00	25.98 0.98 0.08	30.93 1.14 -2.69	36.43 1.18 -4.87	48.04 1.02 -20.77	36.84 1.05 -9.56	35.21 1.04 -8.92	29.95 0.97 -5.42	25.02 0.80 -4.60	22.34 0.69 -3.38
ALTONA_WT_PWR 323606	18.44 0.20 0.00	15.49 0.24 0.00	15.45 0.14 0.00	14.88 0.15 0.00	14.79 0.25 0.00	15.32 0.15 0.00	15.47 0.17 0.00	15.60 0.20 0.00	15.51 0.14 0.00	15.98 0.20 0.00	17.87 0.28 0.00	19.27 0.23 0.00	20.74 0.16 0.00	22.34 0.22 0.00	24.17 0.22 0.00	25.28 0.20 0.00	27.38 0.27 0.00	30.96 0.58 0.00	26.78 0.52 0.00	26.55 0.32 0.00	25.56 0.30 0.00	23.75 0.19 0.00	19.78 0.16 0.00	18.39 0.13 0.00
AMERICAN_REF_FUEL 24010	17.63 -0.71 -0.10	14.88 -0.73 -0.36	14.92 -0.54 -0.15	14.26 -0.52 -0.05	14.02 -0.55 -0.03	14.66 -0.53 -0.03	14.90 -0.64 -0.24	14.94 -0.74 -0.28	14.78 -0.92 -0.33	15.05 -1.07 -0.36	16.39 -1.35 -0.15	17.71 -1.41 -0.08	19.22 -1.36 0.00	20.59 -1.53 0.00	22.71 -1.25 0.00	23.50 -1.58 0.00	25.34 -2.14 -0.37	28.07 -2.73 -0.43	26.31 -1.81 -1.87	25.37 -1.71 -0.84	24.47 -1.57 -0.78	22.67 -1.37 -0.47	18.75 -1.27 -0.40	17.67 -1.02 -0.43
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.21 -0.15 -0.12	15.27 -0.38 -0.40	15.17 -0.31 -0.17	14.46 -0.32 -0.06	14.30 -0.28 -0.03	14.85 -0.35 -0.03	15.12 -0.46 -0.27	15.26 -0.46 -0.32	15.20 -0.55 -0.38	15.57 -0.60 -0.40	17.07 -0.69 -0.17	18.50 -0.63 -0.09	20.33 -0.25 0.00	21.83 -0.29 0.00	24.00 0.05 0.00	24.91 -0.17 0.00	26.66 -0.87 -0.42	29.72 -1.15 -0.49	27.93 -0.47 -2.15	26.70 -0.50 -0.96	25.73 -0.43 -0.90	23.80 -0.31 -0.54	19.65 -0.43 -0.46	18.17 -0.59 -0.49
ARTHUR_KILL_GT_1 23520	20.02 1.13 -0.64	18.41 0.90 -2.26	17.11 0.87 -0.93	15.90 0.85 -0.32	15.58 0.86 -0.17	16.13 0.79 -0.17	17.66 0.84 -1.51	18.04 0.88 -1.76	18.41 0.94 -2.10	19.05 1.04 -2.24	19.81 1.27 -0.95	20.97 1.47 -0.47	22.18 1.61 0.01	23.97 1.86 0.01	25.89 1.94 0.01	27.34 2.11 -0.15	32.32 2.52 -2.69	35.75 2.64 -2.73	41.65 2.31 -13.09	33.70 2.12 -5.34	32.31 2.07 -4.98	28.38 1.79 -3.03	23.86 1.67 -2.57	22.29 1.30 -2.73
ARTHUR_KILL_2 23512	19.96 1.08 -0.64	18.38 0.87 -2.26	17.08 0.84 -0.93	15.87 0.82 -0.32	15.53 0.81 -0.17	16.10 0.76 -0.17	17.63 0.81 -1.51	18.00 0.83 -1.76	18.36 0.89 -2.10	19.01 0.99 -2.24	19.76 1.21 -0.95	20.94 1.43 -0.47	22.13 1.56 0.01	23.90 1.79 0.01	25.82 1.87 0.01	27.26 2.03 -0.15	32.21 2.41 -2.69	35.63 2.52 -2.73	41.57 2.23 -13.09	33.62 2.05 -5.34	32.21 1.97 -4.98	28.31 1.72 -3.03	23.80 1.61 -2.57	22.23 1.24 -2.73
ARTHUR_KILL_3 23513	20.01 1.11 -0.65	18.46 0.95 -2.26	17.17 0.93 -0.93	15.94 0.90 -0.32	15.64 0.92 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.23 1.06 -1.77	18.58 1.11 -2.10	19.20 1.18 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.28 2.47 -2.70	35.67 2.55 -2.74	41.40 2.05 -13.10	33.68 2.10 -5.34	32.32 2.07 -4.99	28.48 1.89 -3.03	23.84 1.65 -2.57	22.27 1.28 -2.73
ARTHUR_KILL_COGEN 323718	20.02 1.13 -0.64	18.41 0.90 -2.26	17.11 0.87 -0.93	15.90 0.85 -0.32	15.58 0.86 -0.17	16.13 0.79 -0.17	17.66 0.84 -1.51	18.04 0.88 -1.76	18.41 0.94 -2.10	19.05 1.04 -2.24	19.81 1.27 -0.95	20.97 1.47 -0.47	22.18 1.61 0.01	23.97 1.86 0.01	25.89 1.94 0.01	27.34 2.11 -0.15	32.32 2.52 -2.69	35.75 2.64 -2.73	41.65 2.31 -13.09	33.70 2.12 -5.34	32.31 2.07 -4.98	28.38 1.79 -3.03	23.86 1.67 -2.57	22.29 1.30 -2.73
ASHOKAN____ 23654	19.10 0.13 -0.73	17.84 0.06 -2.53	16.44 0.09 -1.03	15.49 0.41 -0.35	15.17 0.44 -0.19	15.80 0.44 -0.19	17.06 0.06 -1.69	17.45 0.08 -1.98	17.89 0.17 -2.35	18.44 0.16 -2.51	18.86 0.19 -1.07	19.95 0.38 -0.53	21.48 0.90 0.00	23.13 1.02 0.00	25.01 1.05 0.00	27.01 1.93 0.00	32.04 2.33 -2.60	35.59 1.31 -3.90	44.38 1.02 -17.10	34.82 0.94 -7.64	33.25 0.86 -7.13	28.63 0.73 -4.33	23.80 0.51 -3.68	21.60 0.29 -3.04

ASTORIA_EAST_ENERGY_CC1 323581	2019 1.30 -0.65	18.58 1.07 -2.26	17.28 1.04 -0.93	16.13 1.07 -0.33	15.78 1.06 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.12 1.10 -2.24	19.89 1.34 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.97 2.01 0.00	27.39 2.16 -0.16	32.33 2.52 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.29 2.05 -4.99	28.43 1.84 -3.03	23.97 1.79 -2.57	22.42 1.43 -2.73
ASTORIA_EAST_ENERGY_CC2 323582	2019 1.30 -0.65	18.58 1.07 -2.26	17.28 1.04 -0.93	16.13 1.07 -0.33	15.78 1.06 -0.17	16.35 1.02 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.12 1.10 -2.24	19.89 1.34 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.97 2.01 0.00	27.39 2.16 -0.16	32.33 2.52 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.29 2.05 -4.99	28.43 1.84 -3.03	23.97 1.79 -2.57	22.42 1.43 -2.73
ASTORIA_GT2_1 24094	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT2_2 24095	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT2_3 24096	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT2_4 24097	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT3_1 24098	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT3_2 24099	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT3_3 24100	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT3_4 24101	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT4_1 24102	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT4_2 24103	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT4_3 24104	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT4_4 24105	2019 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.12 1.08 -0.32	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.09 1.97 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.38 2.58 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.99 1.80 -2.57	22.41 1.42 -2.73
ASTORIA_GT_1 23523	2021 1.31 -0.65	18.61 1.10 -2.26	17.30 1.06 -0.93	16.14 1.09 -0.33	15.81 1.09 -0.17	16.38 1.05 -0.17	17.85 1.03 -1.51	18.22 1.05 -1.77	18.51 1.05 -2.10	19.15 1.14 -2.24	19.92 1.37 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.82 2.70 -2.74	41.58 2.23 -13.10	33.71 2.12 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	24.01 1.82 -2.57	22.45 1.46 -2.73

ASTORIA_GT_10 24110	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.41 2.60 -2.70	35.76 2.64 -2.74	41.56 2.21 -13.10	33.73 2.15 -5.34	32.32 2.07 -4.99	28.48 1.89 -3.03	23.90 1.71 -2.57	22.36 1.37 -2.73
ASTORIA_GT_11 24225	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.41 2.60 -2.70	35.76 2.64 -2.74	41.56 2.21 -13.10	33.73 2.15 -5.34	32.32 2.07 -4.99	28.48 1.89 -3.03	23.90 1.71 -2.57	22.36 1.37 -2.73
ASTORIA_GT_12 24226	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.44 2.21 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
ASTORIA_GT_13 24227	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.44 2.21 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
ASTORIA_GT_5 24106	20.21 1.31 -0.65	18.61 1.10 -2.26	17.30 1.06 -0.93	16.14 1.09 -0.33	15.81 1.09 -0.17	16.38 1.05 -0.17	17.85 1.03 -1.51	18.22 1.05 -1.77	18.51 1.05 -2.10	19.15 1.14 -2.24	19.92 1.37 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.82 2.70 -2.74	41.58 2.23 -13.10	33.71 2.12 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	24.01 1.82 -2.57	22.45 1.46 -2.73
ASTORIA_GT_7 24107	20.21 1.31 -0.65	18.61 1.10 -2.26	17.30 1.06 -0.93	16.14 1.09 -0.33	15.81 1.09 -0.17	16.38 1.05 -0.17	17.85 1.03 -1.51	18.22 1.05 -1.77	18.51 1.05 -2.10	19.15 1.14 -2.24	19.92 1.37 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.82 2.70 -2.74	41.58 2.23 -13.10	33.71 2.12 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	24.01 1.82 -2.57	22.45 1.46 -2.73
ASTORIA_GT_8 24108	20.21 1.31 -0.65	18.61 1.10 -2.26	17.30 1.06 -0.93	16.13 1.09 -0.32	15.81 1.09 -0.17	16.38 1.05 -0.17	17.85 1.03 -1.51	18.22 1.05 -1.77	18.51 1.03 -2.10	19.16 1.14 -2.25	19.92 1.37 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.56 2.21 -13.10	33.71 2.13 -5.34	32.32 2.07 -4.99	28.48 1.89 -3.03	24.01 1.82 -2.57	22.45 1.46 -2.73
ASTORIA___2 24149	20.19 1.30 -0.65	18.60 1.08 -2.26	17.28 1.04 -0.93	16.13 1.07 -0.33	15.79 1.08 -0.17	16.37 1.03 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.13 1.12 -2.24	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.99 2.04 0.00	27.42 2.18 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.68 2.10 -5.34	32.29 2.05 -4.99	28.45 1.86 -3.03	23.99 1.80 -2.57	22.42 1.43 -2.73
ASTORIA___3 23516	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.44 2.21 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
ASTORIA___4 23517	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.41 2.60 -2.70	35.76 2.64 -2.74	41.56 2.21 -13.10	33.73 2.15 -5.34	32.32 2.07 -4.99	28.48 1.89 -3.03	23.90 1.71 -2.57	22.36 1.37 -2.73
ASTORIA___5 23518	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.44 2.21 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
AST_ENERGY_2_CC3 323677	20.04 1.15 -0.65	18.49 0.98 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.65 0.93 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.99 2.04 0.00	27.44 2.21 -0.16	32.30 2.49 -2.70	35.70 2.58 -2.74	41.48 2.13 -13.10	33.71 2.12 -5.34	32.32 2.07 -4.99	28.45 1.86 -3.03	23.84 1.65 -2.57	22.29 1.30 -2.73
AST_ENERGY_2_CC4 323678	20.04 1.15 -0.65	18.49 0.98 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.65 0.93 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.99 2.04 0.00	27.44 2.21 -0.16	32.30 2.49 -2.70	35.70 2.58 -2.74	41.48 2.13 -13.10	33.71 2.12 -5.34	32.32 2.07 -4.99	28.45 1.86 -3.03	23.84 1.65 -2.57	22.29 1.30 -2.73
ATHENS_STG_1 23668	19.72 0.75 -0.73	18.41 0.63 -2.53	16.98 0.63 -1.03	15.69 0.60 -0.35	15.34 0.60 -0.19	15.98 0.62 -0.19	17.64 0.64 -1.69	18.03 0.65 -1.98	18.40 0.68 -2.35	18.98 0.69 -2.51	19.47 0.81 -1.07	20.49 0.91 -0.53	21.57 0.99 0.00	23.22 1.11 0.00	25.08 1.13 0.00	26.34 1.23 -0.03	31.17 1.38 -2.68	34.67 1.46 -2.83	40.08 1.21 -12.62	33.01 1.23 -5.54	31.64 1.21 -5.17	27.83 1.13 -3.14	23.24 0.96 -2.66	22.11 0.80 -3.05
ATHENS_STG_2 23670	19.72 0.75 -0.73	18.41 0.63 -2.53	16.98 0.63 -1.03	15.69 0.60 -0.35	15.34 0.60 -0.19	15.98 0.62 -0.19	17.64 0.64 -1.69	18.03 0.65 -1.98	18.40 0.68 -2.35	18.98 0.69 -2.51	19.47 0.81 -1.07	20.49 0.91 -0.53	21.57 0.99 0.00	23.22 1.11 0.00	25.08 1.13 0.00	26.34 1.23 -0.03	31.17 1.38 -2.68	34.67 1.46 -2.83	40.08 1.21 -12.62	33.01 1.23 -5.54	31.64 1.21 -5.17	27.83 1.13 -3.14	23.24 0.96 -2.66	22.11 0.80 -3.05

ATHENS_STG_3 23677	19.72 0.75 -0.73	18.41 0.63 -2.53	16.98 0.63 -1.03	15.69 0.60 -0.35	15.34 0.60 -0.19	15.98 0.62 -0.19	17.64 0.64 -1.69	18.03 0.65 -1.98	18.40 0.68 -2.35	18.98 0.69 -2.51	19.47 0.81 -1.07	20.49 0.91 -0.53	21.57 0.99 0.00	23.22 1.11 0.00	25.08 1.13 0.00	26.34 1.23 -0.03	31.17 1.38 -2.68	34.67 1.46 -2.83	40.08 1.21 -12.62	33.01 1.23 -5.54	31.64 1.21 -5.17	27.83 1.13 -3.14	23.24 0.96 -2.66	22.11 0.80 -3.05
AUBURN____LFGE 323710	18.46 0.13 -0.08	15.59 0.05 -0.29	15.50 0.06 -0.12	14.81 0.04 -0.04	14.60 0.03 -0.02	15.23 0.05 -0.02	15.52 0.02 -0.20	15.68 0.05 -0.23	15.69 0.05 -0.27	16.13 0.06 -0.29	17.77 0.05 -0.13	19.23 0.13 -0.06	20.79 0.21 0.00	22.34 0.22 0.00	24.39 0.43 0.00	25.38 0.30 0.00	27.63 0.22 -0.30	30.84 0.12 -0.34	28.10 0.34 -1.51	27.31 0.39 -0.67	26.24 0.35 -0.63	24.32 0.38 -0.38	20.18 0.24 -0.32	18.85 0.24 -0.35
BABYLON_RES_REC 323704	26.36 1.51 -6.61	24.85 1.27 -8.33	21.64 1.27 -5.06	20.14 1.22 -4.19	19.71 1.22 -3.94	18.50 1.26 -2.08	18.14 1.32 -1.52	24.65 1.34 -7.91	25.96 1.37 -9.22	27.58 1.44 -10.37	29.18 1.58 -10.01	30.10 1.81 -9.25	31.20 1.98 -8.64	33.18 2.21 -8.85	43.45 2.11 -17.38	39.05 2.33 -11.64	47.37 2.52 -17.74	49.54 2.67 -16.49	49.63 2.23 -21.15	42.02 2.31 -13.47	40.38 2.32 -12.80	36.53 2.14 -10.82	42.41 1.82 -20.97	30.27 1.64 -10.36
BABYLON__69_KV_BK2 356345	26.51 1.66 -6.61	24.97 1.39 -8.33	21.77 1.39 -5.06	20.26 1.34 -4.19	19.85 1.37 -3.94	18.65 1.41 -2.08	18.29 1.47 -1.52	24.81 1.49 -7.91	26.10 1.51 -9.22	27.75 1.61 -10.37	29.36 1.76 -10.01	30.31 2.02 -9.25	31.45 2.22 -8.64	33.46 2.50 -8.85	43.92 2.59 -17.38	39.60 2.88 -11.64	48.02 3.17 -17.74	50.24 3.37 -16.49	50.24 2.84 -21.15	42.65 2.94 -13.47	40.94 2.88 -12.80	37.05 2.66 -10.82	42.74 2.16 -20.97	30.44 1.81 -10.36
BARON_WINDS____WT_PWR 323822	18.32 -0.07 -0.15	15.56 -0.20 -0.50	15.41 -0.11 -0.21	14.70 -0.10 -0.07	14.54 -0.04 -0.04	15.13 -0.08 -0.04	15.48 -0.17 -0.34	15.60 -0.20 -0.39	15.53 -0.31 -0.47	15.88 -0.39 -0.50	17.31 -0.49 -0.21	18.71 -0.44 -0.11	20.35 -0.23 0.00	21.87 -0.24 0.00	23.96 0.00 0.00	24.93 -0.15 0.00	27.06 -0.57 -0.52	30.28 -0.73 -0.63	28.82 -0.18 -2.75	27.34 -0.13 -1.23	26.28 -0.13 -1.15	24.17 -0.09 -0.70	19.98 -0.23 -0.59	18.54 -0.33 -0.61
BARRETT_IC_1 23704	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_10 23701	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_11 23702	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_12 23703	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_2 23705	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_3 23706	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_4 23707	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_5 23708	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_6 23709	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.96 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_7 23710	26.29 1.44 -6.61	24.77 1.19 -8.33	21.55 1.18 -5.06	20.07 1.15 -4.19	19.62 1.13 -3.94	18.41 1.17 -2.08	18.04 1.22 -1.52	24.58 1.26 -7.91	25.90 1.31 -9.22	27.47 1.32 -10.37	29.08 1.48 -10.01	29.93 1.64 -9.25	30.93 1.71 -8.64	32.87 1.90 -8.85	43.28 1.94 -17.38	38.87 2.16 -11.64	47.35 2.49 -17.74	49.45 2.58 -16.49	49.53 2.13 -21.15	41.86 2.15 -13.47	40.13 2.07 -12.80	36.29 1.91 -10.82	42.43 1.84 -20.97	30.14 1.52 -10.36

BARRETT_IC_8 23711	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.90 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT_IC_9 23700	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.90 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT___1 23545	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.90 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BARRETT___2 23546	26.29 1.44 -6.61	24.77 1.19 -8.33	21.57 1.20 -5.06	20.07 1.15 -4.19	19.62 1.14 -3.94	18.41 1.17 -2.08	18.05 1.22 -1.52	24.58 1.26 -7.91	25.91 1.32 -9.22	27.47 1.33 -10.37	29.08 1.48 -10.01	29.91 1.62 -9.25	30.93 1.71 -8.64	32.86 1.90 -8.84	43.29 1.96 -17.37	38.87 2.16 -11.63	47.28 2.44 -17.74	49.44 2.58 -16.48	49.52 2.13 -21.14	41.88 2.18 -13.47	40.15 2.10 -12.79	36.29 1.91 -10.81	42.45 1.86 -20.97	30.14 1.51 -10.36
BATAVIA___115KV_TB1 55881	18.27 -0.07 -0.10	15.35 -0.23 -0.33	15.34 -0.11 -0.14	14.72 -0.06 -0.05	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.36 -0.17 -0.22	15.41 -0.25 -0.26	15.25 -0.43 -0.31	15.58 -0.52 -0.33	17.01 -0.72 -0.14	18.40 -0.70 -0.07	19.98 -0.60 0.00	21.43 -0.69 0.00	23.79 -0.17 0.00	24.50 -0.58 0.00	26.47 -0.98 -0.34	29.37 -1.40 -0.39	27.33 -0.63 -1.71	26.48 -0.52 -0.76	25.54 -0.43 -0.71	23.64 -0.35 -0.43	19.52 -0.47 -0.37	18.37 -0.29 -0.40
BAYONEEC___CTG1 323682	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG10 323750	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG2 323683	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG3 323684	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG4 323685	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG5 323686	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG6 323687	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG7 323688	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG8 323689	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
BAYONEEC___CTG9 323749	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73

BEACON___LESR 323632	19.71 0.66 -0.81	18.57 0.52 -2.80	17.03 0.57 -1.14	15.68 0.56 -0.39	15.31 0.55 -0.21	15.95 0.58 -0.21	17.70 0.52 -1.87	18.16 0.57 -2.19	18.59 0.62 -2.60	19.19 0.63 -2.78	19.52 0.74 -1.19	20.43 0.80 -0.59	21.44 0.86 0.00	23.09 0.97 0.00	24.91 0.96 0.00	26.03 1.08 0.12	30.97 1.27 -2.59	37.16 1.34 -5.45	50.42 1.15 -23.01	38.08 1.15 -10.69	36.35 1.11 -9.98	30.66 1.04 -6.06	25.61 0.84 -5.14	22.35 0.71 -3.37
BEAVER RIVER___HYD 24048	18.51 0.24 -0.03	15.51 0.17 -0.09	15.50 0.15 -0.04	14.87 0.13 -0.01	14.71 0.16 -0.01	15.33 0.15 -0.01	15.50 0.14 -0.06	15.59 0.12 -0.07	15.49 0.03 -0.08	15.89 0.03 -0.09	17.63 0.00 -0.04	19.15 0.10 -0.02	20.68 0.10 0.00	22.23 0.11 0.00	24.10 0.14 0.00	25.31 0.23 0.00	27.34 0.14 -0.09	30.68 0.30 0.00	26.75 0.50 0.00	26.79 0.55 0.00	25.89 0.63 0.00	24.30 0.73 0.00	20.13 0.51 0.00	18.85 0.47 -0.11
BEEBEE_GT_13 23619	18.23 -0.09 -0.08	15.35 -0.18 -0.28	15.34 -0.09 -0.12	14.71 -0.06 -0.04	14.38 -0.19 -0.02	15.05 -0.14 -0.02	15.36 -0.14 -0.19	15.44 -0.18 -0.22	15.36 -0.28 -0.26	15.75 -0.30 -0.28	17.29 -0.42 -0.12	18.70 -0.40 -0.06	20.19 -0.39 0.00	21.67 -0.44 0.00	23.88 -0.07 0.00	24.73 -0.35 0.00	26.83 -0.57 -0.29	29.67 -1.03 -0.32	27.20 -0.47 -1.42	26.45 -0.42 -0.64	25.47 -0.38 -0.59	23.62 -0.31 -0.36	19.53 -0.39 -0.31	18.42 -0.18 -0.34
BENSHRST_27_KV_BENSHRST_1 355998	20.21 1.31 -0.65	18.55 1.04 -2.26	17.25 1.01 -0.93	16.03 0.99 -0.32	15.71 0.99 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.58 1.11 -2.10	19.23 1.21 -2.25	20.01 1.46 -0.96	21.21 1.69 -0.48	22.43 1.85 0.00	24.22 2.10 0.00	26.14 2.18 0.00	27.62 2.38 -0.16	32.66 2.85 -2.70	36.04 2.92 -2.74	41.91 2.55 -13.11	33.94 2.36 -5.34	32.54 2.30 -4.99	28.62 2.03 -3.03	24.03 1.84 -2.57	22.45 1.46 -2.73
BETHLEHEM___GRP 23843	19.45 0.40 -0.81	18.39 0.34 -2.80	16.84 0.38 -1.15	15.50 0.38 -0.39	15.15 0.39 -0.21	15.79 0.41 -0.21	17.52 0.34 -1.88	17.96 0.37 -2.19	18.38 0.40 -2.61	18.97 0.41 -2.79	19.29 0.51 -1.19	20.14 0.51 -0.59	21.13 0.56 0.00	22.76 0.64 0.00	24.51 0.55 0.00	25.64 0.68 0.12	30.53 0.81 -2.61	36.62 0.85 -5.39	49.77 0.71 -22.81	37.53 0.71 -10.58	35.81 0.68 -9.87	30.22 0.66 -6.00	25.26 0.55 -5.09	22.08 0.44 -3.38
BETHLEHEM___GS1 323560	19.45 0.40 -0.81	18.39 0.34 -2.80	16.86 0.40 -1.15	15.52 0.40 -0.39	15.15 0.39 -0.21	15.79 0.41 -0.21	17.52 0.34 -1.88	17.96 0.37 -2.19	18.38 0.40 -2.61	18.97 0.41 -2.79	19.29 0.51 -1.19	20.14 0.51 -0.59	21.14 0.56 0.00	22.76 0.64 0.00	24.55 0.60 0.00	25.64 0.68 0.12	30.53 0.81 -2.60	36.62 0.85 -5.39	49.77 0.71 -22.81	37.53 0.71 -10.58	35.81 0.68 -9.87	30.22 0.66 -6.00	25.26 0.55 -5.09	22.08 0.44 -3.38
BETHLEHEM___GS2 323561	19.45 0.40 -0.81	18.39 0.34 -2.80	16.86 0.40 -1.15	15.52 0.40 -0.39	15.15 0.39 -0.21	15.79 0.41 -0.21	17.52 0.34 -1.88	17.96 0.37 -2.19	18.38 0.40 -2.61	18.97 0.41 -2.79	19.29 0.51 -1.19	20.14 0.51 -0.59	21.14 0.56 0.00	22.76 0.64 0.00	24.55 0.60 0.00	25.64 0.68 0.12	30.53 0.81 -2.60	36.62 0.85 -5.39	49.77 0.71 -22.81	37.53 0.71 -10.58	35.81 0.68 -9.87	30.22 0.66 -6.00	25.26 0.55 -5.09	22.08 0.44 -3.38
BETHLEHEM___GS3 323562	19.45 0.40 -0.81	18.39 0.34 -2.80	16.86 0.40 -1.15	15.52 0.40 -0.39	15.15 0.39 -0.21	15.79 0.41 -0.21	17.52 0.34 -1.88	17.96 0.37 -2.19	18.38 0.40 -2.61	18.97 0.41 -2.79	19.29 0.51 -1.19	20.14 0.51 -0.59	21.14 0.56 0.00	22.76 0.64 0.00	24.55 0.60 0.00	25.64 0.68 0.12	30.53 0.81 -2.60	36.62 0.85 -5.39	49.77 0.71 -22.81	37.53 0.71 -10.58	35.81 0.68 -9.87	30.22 0.66 -6.00	25.26 0.55 -5.09	22.08 0.44 -3.38
BETHLEHEM___STEEL 23779	18.01 -0.35 -0.11	15.18 -0.46 -0.39	15.14 -0.34 -0.16	14.49 -0.29 -0.05	14.39 -0.19 -0.03	14.98 -0.21 -0.03	15.18 -0.38 -0.26	15.26 -0.45 -0.30	15.05 -0.68 -0.36	15.40 -0.76 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.88 -0.70 0.00	21.32 -0.80 0.00	23.62 -0.34 0.00	24.33 -0.75 0.00	26.10 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.28 -0.87 -0.91	25.35 -0.76 -0.85	23.44 -0.64 -0.51	19.37 -0.69 -0.44	18.09 -0.64 -0.46
BETHLHEM_115KV_TB1 79974	19.51 0.46 -0.81	18.42 0.37 -2.80	16.87 0.41 -1.15	15.53 0.41 -0.39	15.18 0.42 -0.21	15.82 0.44 -0.21	17.55 0.37 -1.88	17.99 0.40 -2.19	18.41 0.43 -2.61	19.00 0.44 -2.78	19.33 0.55 -1.19	20.18 0.55 -0.59	21.18 0.60 0.00	22.80 0.69 0.00	24.58 0.62 0.00	25.72 0.75 0.11	30.62 0.89 -2.62	36.55 0.91 -5.26	49.30 0.76 -22.29	37.33 0.76 -10.33	35.66 0.76 -9.64	30.13 0.71 -5.86	25.20 0.61 -4.97	22.13 0.49 -3.38
BETHPAGE_CC_5 323564	26.35 1.50 -6.61	24.83 1.25 -8.33	21.63 1.26 -5.06	20.13 1.21 -4.19	19.69 1.21 -3.94	18.49 1.24 -2.08	18.12 1.30 -1.52	24.65 1.34 -7.91	25.94 1.35 -9.22	27.58 1.44 -10.37	29.20 1.60 -10.01	30.12 1.83 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.61 2.28 -17.38	39.23 2.51 -11.64	47.67 2.82 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.23 2.52 -13.47	40.51 2.45 -12.80	36.63 2.24 -10.82	42.51 1.92 -20.97	30.23 1.61 -10.36
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.99 -0.36 -0.11	15.17 -0.47 -0.39	15.11 -0.37 -0.16	14.47 -0.31 -0.05	14.42 -0.16 -0.03	14.98 -0.21 -0.03	15.17 -0.40 -0.26	15.24 -0.46 -0.31	15.04 -0.69 -0.36	15.39 -0.77 -0.39	16.79 -0.97 -0.17	18.15 -0.97 -0.08	19.92 -0.66 0.00	21.36 -0.75 0.00	23.67 -0.29 0.00	24.38 -0.70 0.00	26.10 -1.41 -0.40	29.24 -1.61 -0.47	27.47 -0.84 -2.06	26.37 -0.79 -0.92	25.44 -0.68 -0.86	23.52 -0.57 -0.52	19.41 -0.65 -0.44	18.08 -0.66 -0.47
BINGHAMTON___COGEN 23790	18.62 0.16 -0.21	16.05 0.08 -0.73	15.70 0.09 -0.30	14.92 0.09 -0.10	14.73 0.13 -0.05	15.34 0.12 -0.05	15.88 0.09 -0.49	16.06 0.09 -0.57	16.08 0.03 -0.68	16.51 0.02 -0.72	17.90 0.00 -0.31	19.29 0.10 -0.15	20.79 0.21 0.00	22.34 0.22 0.00	24.36 0.41 0.00	25.43 0.35 0.00	28.02 0.16 -0.75	31.46 0.12 -0.96	30.79 0.32 -4.22	28.49 0.37 -1.89	27.40 0.38 -1.76	25.01 0.38 -1.07	20.78 0.26 -0.91	19.30 0.16 -0.88
BIXINCNT_115KV_LOAD 355685	17.89 -0.47 -0.12	15.08 -0.58 -0.41	14.99 -0.49 -0.17	14.33 -0.46 -0.06	14.39 -0.19 -0.03	14.89 -0.30 -0.03	15.06 -0.52 -0.28	15.19 -0.54 -0.32	14.99 -0.77 -0.38	15.31 -0.87 -0.41	16.76 -1.00 -0.18	18.15 -0.97 -0.09	20.02 -0.56 0.00	21.45 -0.66 0.00	23.72 -0.24 0.00	24.43 -0.65 0.00	26.12 -1.41 -0.42	29.42 -1.46 -0.50	27.74 -0.71 -2.20	26.54 -0.68 -0.98	25.57 -0.61 -0.92	23.63 -0.49 -0.56	19.48 -0.61 -0.47	17.99 -0.77 -0.50
BLACK RIVER___HYD 24047	18.62 0.35 -0.04	15.60 0.23 -0.12	15.60 0.23 -0.05	14.95 0.21 -0.02	14.78 0.22 -0.01	15.40 0.23 -0.01	15.59 0.20 -0.08	15.67 0.17 -0.10	15.55 0.06 -0.11	15.96 0.06 -0.12	17.68 0.04 -0.05	19.22 0.15 -0.03	20.79 0.21 0.00	22.29 0.18 0.00	24.22 0.26 0.00	25.43 0.35 0.00	27.45 0.22 -0.13	30.77 0.39 0.00	26.91 0.66 0.00	27.00 0.76 0.00	26.12 0.86 0.00	24.58 1.01 0.00	20.31 0.69 0.00	19.05 0.64 -0.15

BLACKRVR_115KV_TB2 79977	18.63 0.35 -0.04	15.60 0.23 -0.12	15.58 0.21 -0.05	14.95 0.21 -0.02	14.78 0.22 -0.01	15.40 0.23 -0.01	15.59 0.20 -0.08	15.67 0.17 -0.10	15.55 0.06 -0.11	15.96 0.06 -0.12	17.68 0.04 -0.05	19.22 0.15 -0.03	20.79 0.21 0.00	22.29 0.18 0.00	24.22 0.26 0.00	25.43 0.35 0.00	27.45 0.22 -0.13	30.77 0.39 0.00	26.91 0.66 0.00	27.00 0.76 0.00	26.12 0.86 0.00	24.58 1.01 0.00	20.31 0.69 0.00	19.05 0.64 -0.15
BLISS_WT_PWR 323608	17.85 -0.51 -0.12	15.05 -0.61 -0.41	15.02 -0.46 -0.17	14.37 -0.41 -0.06	14.35 -0.23 -0.03	14.85 -0.35 -0.03	15.03 -0.55 -0.28	15.16 -0.57 -0.32	15.00 -0.75 -0.38	15.28 -0.90 -0.41	16.76 -1.00 -0.18	18.14 -0.99 -0.09	20.02 -0.55 0.00	21.43 -0.69 0.00	23.55 -0.41 0.00	24.38 -0.70 0.00	26.07 -1.46 -0.42	29.36 -1.52 -0.50	27.72 -0.73 -2.20	26.49 -0.73 -0.98	25.52 -0.66 -0.92	23.58 -0.54 -0.56	19.46 -0.63 -0.47	17.94 -0.82 -0.50
BLUE_CIRC_CHEM_DRP 24182	19.71 0.67 -0.79	18.57 0.56 -2.76	17.04 0.60 -1.13	15.69 0.57 -0.39	15.32 0.57 -0.21	15.98 0.61 -0.21	17.70 0.55 -1.85	18.13 0.57 -2.16	18.54 0.60 -2.56	19.11 0.60 -2.74	19.46 0.70 -1.17	20.38 0.76 -0.58	21.42 0.84 0.00	23.05 0.93 0.00	24.87 0.91 0.00	26.03 1.03 0.08	30.92 1.17 -2.65	36.30 1.25 -4.68	47.28 1.08 -19.95	36.50 1.08 -9.18	34.89 1.06 -8.57	29.76 0.99 -5.20	24.86 0.82 -4.42	22.30 0.71 -3.32
BOC_GAS_DRP 24189	19.63 0.58 -0.80	18.52 0.47 -2.79	16.96 0.51 -1.14	15.60 0.49 -0.39	15.24 0.48 -0.21	15.88 0.50 -0.21	17.66 0.49 -1.87	18.08 0.49 -2.18	18.49 0.52 -2.60	19.07 0.52 -2.77	19.39 0.62 -1.19	20.31 0.69 -0.59	21.32 0.74 0.00	22.96 0.84 0.00	24.75 0.79 0.00	25.90 0.90 0.08	30.85 1.06 -2.68	36.03 1.09 -4.56	46.58 0.92 -19.41	36.10 0.92 -8.94	34.51 0.91 -8.34	29.48 0.85 -5.07	24.65 0.73 -4.30	22.23 0.60 -3.36
BOONVILLE_115KV_TB1 79983	18.59 0.33 -0.02	15.57 0.24 -0.08	15.59 0.25 -0.03	14.96 0.22 -0.01	14.79 0.23 -0.01	15.42 0.24 -0.01	15.60 0.24 -0.05	15.71 0.25 -0.06	15.65 0.20 -0.07	16.04 0.19 -0.08	17.83 0.21 -0.03	19.36 0.30 -0.02	20.95 0.37 0.00	22.51 0.40 0.00	24.43 0.48 0.00	25.63 0.55 0.00	27.65 0.46 -0.08	30.96 0.58 0.00	26.91 0.66 0.00	26.95 0.71 0.00	26.02 0.76 0.00	24.34 0.78 0.00	20.19 0.57 0.00	18.89 0.53 -0.10
BORALEX_4TH_BRANCH 23824	20.25 1.20 -0.80	19.03 0.99 -2.79	17.45 0.99 -1.14	16.08 0.96 -0.39	15.70 0.95 -0.21	16.35 0.97 -0.21	18.15 0.98 -1.87	18.52 0.94 -2.18	18.95 0.98 -2.60	19.49 0.95 -2.77	19.87 1.09 -1.19	20.83 1.20 -0.59	21.81 1.23 0.00	23.49 1.37 0.00	25.30 1.34 0.00	26.22 1.43 0.29	30.93 1.63 -2.19	38.52 1.76 -6.38	53.73 1.50 -25.98	40.33 1.55 -12.55	38.48 1.52 -11.70	32.16 1.49 -7.11	26.95 1.29 -6.03	22.78 1.15 -3.36
BOWLINE___1 23526	19.90 1.02 -0.63	18.29 0.84 -2.20	17.05 0.84 -0.90	15.84 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.66 0.89 -1.47	18.04 0.92 -1.72	18.37 0.95 -2.04	18.96 1.01 -2.18	19.72 1.20 -0.93	20.89 1.39 -0.46	22.10 1.52 0.00	23.84 1.73 0.00	25.73 1.77 0.00	27.16 1.93 -0.14	31.91 2.19 -2.61	35.34 2.31 -2.66	40.80 1.89 -12.66	33.34 1.91 -5.18	31.94 1.84 -4.84	28.18 1.67 -2.94	23.54 1.43 -2.49	22.04 1.13 -2.65
BOWLINE___2 23595	19.90 1.02 -0.63	18.29 0.84 -2.20	17.05 0.84 -0.90	15.85 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.66 0.89 -1.47	18.04 0.92 -1.72	18.37 0.95 -2.04	18.96 1.01 -2.18	19.72 1.20 -0.93	20.91 1.41 -0.46	22.10 1.52 0.00	23.84 1.73 0.00	25.73 1.77 0.00	27.16 1.93 -0.14	31.91 2.19 -2.61	35.34 2.31 -2.66	40.81 1.89 -12.66	33.34 1.91 -5.18	31.94 1.84 -4.84	28.18 1.67 -2.94	23.54 1.43 -2.49	22.04 1.13 -2.65
BRADY___115KV_TB2 356060	18.12 -0.13 0.00	15.22 -0.03 0.00	15.24 -0.08 0.00	14.64 -0.09 0.00	14.52 -0.03 0.00	15.05 -0.12 0.00	15.17 -0.14 0.00	15.28 -0.12 0.00	15.20 -0.17 0.00	15.60 -0.17 0.00	17.45 -0.14 0.00	18.83 -0.21 0.00	20.29 -0.29 0.00	21.83 -0.29 0.00	23.62 -0.34 0.00	24.76 -0.33 0.00	26.76 -0.35 0.00	30.29 -0.09 0.00	26.15 -0.11 0.00	26.05 -0.18 0.00	25.18 -0.08 0.00	23.47 -0.09 0.00	19.54 -0.08 0.00	18.21 -0.05 0.00
BRANSCOMB___SOLAR 323811	20.29 1.22 -0.83	19.12 0.99 -2.88	17.49 0.99 -1.18	16.09 0.96 -0.40	15.70 0.93 -0.22	16.38 1.00 -0.22	18.18 0.95 -1.93	18.59 0.94 -2.25	19.03 0.98 -2.68	19.64 1.01 -2.86	19.92 1.11 -1.22	20.88 1.24 -0.61	21.92 1.34 0.00	23.53 1.42 0.00	25.39 1.44 0.00	26.31 1.38 0.15	31.33 1.63 -2.60	39.92 1.88 -7.66	60.48 1.73 -32.50	43.02 1.76 -15.03	41.00 1.72 -14.02	33.69 1.60 -8.52	28.16 1.31 -7.23	23.05 1.32 -3.47
BRENTWOD_69_KV_W. BRTWOOD 56703	26.44 1.59 -6.61	24.91 1.33 -8.33	21.72 1.35 -5.06	20.23 1.31 -4.19	19.79 1.31 -3.94	18.61 1.37 -2.08	18.23 1.41 -1.52	24.74 1.43 -7.91	26.04 1.44 -9.22	27.67 1.53 -10.37	29.27 1.67 -10.01	30.22 1.92 -9.25	31.34 2.12 -8.64	33.33 2.37 -8.85	43.83 2.49 -17.38	39.43 2.71 -11.64	47.73 2.87 -17.74	49.91 3.04 -16.49	49.95 2.55 -21.15	42.39 2.68 -13.47	40.74 2.68 -12.80	36.93 2.55 -10.82	42.66 2.08 -20.97	30.36 1.73 -10.36
BRISTLHL_115KV_TB1 79998	18.15 -0.15 -0.05	15.27 -0.17 -0.19	15.24 -0.15 -0.08	14.61 -0.15 -0.03	14.39 -0.17 -0.01	15.01 -0.17 -0.01	15.26 -0.17 -0.13	15.38 -0.17 -0.15	15.36 -0.18 -0.17	15.77 -0.19 -0.19	17.42 -0.25 -0.08	18.83 -0.25 -0.04	20.35 -0.23 0.00	21.83 -0.29 0.00	23.74 -0.22 0.00	24.78 -0.30 0.00	26.92 -0.38 -0.19	29.83 -0.55 0.00	25.94 -0.32 0.00	25.95 -0.29 0.00	25.01 -0.25 0.00	23.33 -0.24 0.00	19.40 -0.22 0.00	18.36 -0.13 -0.23
BROOKHAVEN___DRP 24191	26.24 1.39 -6.61	24.77 1.19 -8.33	21.57 1.19 -5.06	20.10 1.18 -4.19	19.66 1.18 -3.94	18.52 1.27 -2.08	18.17 1.35 -1.52	24.62 1.31 -7.91	25.87 1.28 -9.22	27.50 1.36 -10.37	29.01 1.41 -10.01	29.93 1.64 -9.25	31.05 1.83 -8.64	33.04 2.08 -8.85	43.52 2.18 -17.38	39.23 2.51 -11.64	47.67 2.82 -17.74	49.88 3.01 -16.49	49.92 2.52 -21.15	42.26 2.55 -13.47	40.56 2.50 -12.80	36.65 2.26 -10.82	42.39 1.80 -20.97	30.13 1.50 -10.36
BROOKLYN_NAVY_YARD 23515	20.03 1.13 -0.65	18.46 0.95 -2.26	17.17 0.93 -0.93	15.96 0.91 -0.32	15.62 0.90 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.99 2.04 0.00	27.44 2.21 -0.16	32.30 2.49 -2.70	35.73 2.61 -2.74	41.48 2.13 -13.10	33.71 2.12 -5.34	32.32 2.07 -4.99	28.45 1.86 -3.03	23.86 1.67 -2.57	22.29 1.30 -2.73
BROOKLYN___ARMY_DRP 323595	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73



BROOKVLE_69_KV_TB1 55790	26.31 1.46 -6.61	24.79 1.20 -8.33	21.57 1.19 -5.06	20.07 1.15 -4.19	19.63 1.15 -3.94	18.41 1.17 -2.08	18.04 1.22 -1.52	24.59 1.28 -7.91	25.91 1.32 -9.22	27.55 1.40 -10.37	29.22 1.62 -10.01	30.14 1.85 -9.25	31.24 2.02 -8.64	33.22 2.26 -8.85	43.68 2.35 -17.38	39.23 2.51 -11.64	47.73 2.87 -17.74	49.88 3.01 -16.49	49.90 2.49 -21.15	42.21 2.49 -13.47	40.46 2.40 -12.80	36.58 2.19 -10.82	42.51 1.92 -20.97	30.20 1.57 -10.36
BROOME_2_LFGE 323671	18.62 0.16 -0.21	16.06 0.08 -0.73	15.72 0.11 -0.30	14.93 0.10 -0.10	14.73 0.13 -0.05	15.34 0.12 -0.05	15.89 0.09 -0.49	16.06 0.09 -0.57	16.09 0.05 -0.68	16.51 0.02 -0.72	17.90 0.00 -0.31	19.29 0.10 -0.15	20.79 0.21 0.00	22.34 0.22 0.00	24.31 0.36 0.00	25.43 0.35 0.00	28.02 0.16 -0.75	31.47 0.12 -0.96	30.79 0.32 -4.22	28.49 0.37 -1.89	27.40 0.38 -1.76	25.01 0.38 -1.07	20.78 0.25 -0.91	19.30 0.16 -0.88
BROOME__LFGE 323600	18.62 0.16 -0.21	16.06 0.08 -0.73	15.72 0.11 -0.30	14.93 0.10 -0.10	14.73 0.13 -0.05	15.34 0.12 -0.05	15.89 0.09 -0.49	16.06 0.09 -0.57	16.09 0.05 -0.68	16.51 0.02 -0.72	17.90 0.00 -0.31	19.29 0.10 -0.15	20.79 0.21 0.00	22.34 0.22 0.00	24.31 0.36 0.00	25.43 0.35 0.00	28.02 0.16 -0.75	31.47 0.12 -0.96	30.79 0.32 -4.22	28.49 0.37 -1.89	27.40 0.38 -1.76	25.01 0.38 -1.07	20.78 0.25 -0.91	19.30 0.16 -0.88
BROWNFLS_115KV_TB_3_5 80003	18.32 0.05 -0.02	15.37 0.06 -0.06	15.37 0.03 -0.03	14.77 0.03 -0.01	14.63 0.07 0.00	15.19 0.02 0.00	15.36 0.02 -0.04	15.47 0.02 -0.05	15.38 -0.05 -0.06	15.77 -0.06 -0.06	17.55 -0.07 -0.03	19.01 -0.04 -0.01	20.52 -0.06 0.00	22.05 -0.07 0.00	23.91 -0.05 0.00	25.06 -0.03 0.00	27.09 -0.08 -0.07	30.50 0.12 0.00	26.49 0.24 0.00	26.45 0.21 0.00	25.56 0.30 0.00	23.92 0.35 0.00	19.85 0.24 0.00	18.56 0.22 -0.08
BROWNSV1_27_KV_LOAD 356125	20.19 1.30 -0.65	18.60 1.08 -2.26	17.31 1.07 -0.93	16.08 1.03 -0.32	15.75 1.03 -0.17	16.38 1.05 -0.17	17.97 1.15 -1.51	18.36 1.19 -1.77	18.71 1.23 -2.10	19.35 1.32 -2.25	20.12 1.57 -0.96	21.31 1.79 -0.48	22.51 1.93 0.00	24.28 2.17 0.00	26.21 2.25 0.00	27.70 2.46 -0.16	32.66 2.85 -2.70	36.04 2.92 -2.74	41.77 2.42 -13.10	34.00 2.41 -5.34	32.59 2.35 -4.99	28.69 2.10 -3.03	24.01 1.82 -2.57	22.45 1.46 -2.73
BURROWS__LYONSDAL 23803	18.60 0.33 -0.02	15.56 0.23 -0.08	15.58 0.23 -0.03	14.95 0.21 -0.01	14.79 0.23 -0.01	15.40 0.23 -0.01	15.59 0.23 -0.05	15.70 0.23 -0.06	15.62 0.17 -0.08	16.03 0.17 -0.08	17.80 0.18 -0.03	19.32 0.27 -0.02	20.91 0.33 0.00	22.45 0.33 0.00	24.36 0.41 0.00	25.58 0.50 0.00	27.60 0.41 -0.08	30.93 0.55 0.00	26.91 0.66 0.00	26.92 0.68 0.00	25.99 0.73 0.00	24.34 0.78 0.00	20.19 0.57 0.00	18.89 0.53 -0.10
CAITHNESS_CC_1 323624	26.18 1.33 -6.61	24.73 1.14 -8.33	21.54 1.16 -5.06	20.05 1.13 -4.19	19.66 1.18 -3.94	18.50 1.26 -2.08	18.14 1.32 -1.52	24.61 1.29 -7.91	25.87 1.28 -9.22	27.50 1.36 -10.37	29.01 1.41 -10.01	29.93 1.64 -9.25	31.05 1.83 -8.64	33.02 2.06 -8.85	43.52 2.18 -17.38	39.20 2.48 -11.64	47.59 2.74 -17.74	49.82 2.95 -16.49	49.87 2.47 -21.15	42.29 2.57 -13.47	40.54 2.48 -12.80	36.63 2.24 -10.82	42.43 1.84 -20.97	30.13 1.50 -10.36
CALPINE BETH_PAGE_GT4 24209	26.31 1.46 -6.61	24.83 1.25 -8.33	21.61 1.24 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.47 1.23 -2.08	18.11 1.29 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.56 1.42 -10.37	29.18 1.58 -10.01	30.10 1.81 -9.25	31.12 1.89 -8.64	33.09 2.12 -8.85	43.54 2.20 -17.38	39.15 2.43 -11.64	47.62 2.77 -17.74	49.79 2.92 -16.49	49.82 2.42 -21.15	42.15 2.44 -13.47	40.41 2.35 -12.80	36.55 2.17 -10.82	42.43 1.84 -20.97	30.20 1.57 -10.36
CALPINE_BETH_PAGE_GT_4 323586	26.31 1.46 -6.61	24.83 1.25 -8.33	21.63 1.26 -5.06	20.13 1.21 -4.19	19.69 1.21 -3.94	18.47 1.23 -2.08	18.11 1.29 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.56 1.42 -10.37	29.18 1.58 -10.01	30.10 1.81 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.56 2.23 -17.38	39.15 2.43 -11.64	47.59 2.74 -17.74	49.79 2.92 -16.49	49.81 2.41 -21.15	42.15 2.44 -13.47	40.44 2.37 -12.80	36.55 2.17 -10.82	42.45 1.86 -20.97	30.20 1.57 -10.36
CALPINE_BP_GT1 23823	26.31 1.46 -6.61	24.83 1.25 -8.33	21.63 1.26 -5.06	20.13 1.21 -4.19	19.69 1.21 -3.94	18.47 1.23 -2.08	18.11 1.29 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.56 1.42 -10.37	29.18 1.58 -10.01	30.10 1.81 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.56 2.23 -17.38	39.15 2.43 -11.64	47.59 2.74 -17.74	49.79 2.92 -16.49	49.81 2.41 -21.15	42.15 2.44 -13.47	40.44 2.37 -12.80	36.55 2.17 -10.82	42.45 1.86 -20.97	30.20 1.57 -10.36
CALSPAN__DRP 24200	18.01 -0.35 -0.11	15.18 -0.46 -0.39	15.14 -0.34 -0.16	14.49 -0.29 -0.05	14.39 -0.19 -0.03	14.98 -0.21 -0.03	15.18 -0.38 -0.26	15.26 -0.45 -0.30	15.05 -0.68 -0.36	15.40 -0.76 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.88 -0.70 0.00	21.32 -0.80 0.00	23.62 -0.34 0.00	24.33 -0.75 0.00	26.10 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.28 -0.87 -0.91	25.35 -0.76 -0.85	23.44 -0.64 -0.51	19.37 -0.69 -0.44	18.09 -0.64 -0.46
CALVERTON__SOLAR 323806	26.22 1.37 -6.61	24.76 1.17 -8.33	21.55 1.18 -5.06	20.10 1.18 -4.19	19.69 1.21 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.67 1.36 -7.91	25.90 1.31 -9.22	27.52 1.37 -10.37	29.04 1.44 -10.01	29.97 1.68 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.30 2.58 -11.64	47.72 2.87 -17.74	49.97 3.10 -16.49	50.03 2.62 -21.15	42.44 2.73 -13.47	40.66 2.60 -12.80	36.72 2.33 -10.82	42.51 1.92 -20.97	30.16 1.53 -10.36
CANDIGU_WT_PWR 323617	18.32 -0.07 -0.15	15.56 -0.20 -0.50	15.41 -0.11 -0.21	14.70 -0.10 -0.07	14.54 -0.04 -0.04	15.13 -0.08 -0.04	15.48 -0.17 -0.34	15.60 -0.20 -0.39	15.53 -0.31 -0.47	15.88 -0.39 -0.50	17.31 -0.49 -0.21	18.71 -0.44 -0.11	20.35 -0.23 0.00	21.87 -0.24 0.00	23.96 0.00 0.00	24.93 -0.15 0.00	27.06 -0.57 -0.52	30.28 -0.73 -0.63	28.82 -0.18 -2.75	27.34 -0.13 -1.23	26.28 -0.13 -1.15	24.17 -0.09 -0.70	19.98 -0.23 -0.59	18.54 -0.33 -0.61
CARR STREET_E_SYR 24060	18.21 -0.09 -0.06	15.34 -0.12 -0.21	15.30 -0.11 -0.09	14.66 -0.10 -0.03	14.43 -0.13 -0.02	15.06 -0.12 -0.02	15.33 -0.12 -0.14	15.45 -0.12 -0.17	15.45 -0.12 -0.20	15.84 -0.14 -0.21	17.49 -0.19 -0.09	18.93 -0.15 -0.05	20.46 -0.12 0.00	21.94 -0.18 0.00	23.86 -0.10 0.00	24.93 -0.15 0.00	27.08 -0.24 -0.22	30.18 -0.43 -0.23	27.06 -0.18 -0.99	26.53 -0.16 -0.44	25.52 -0.15 -0.41	23.70 -0.12 -0.25	19.70 -0.14 -0.21	18.45 -0.07 -0.26
CARTHAGE__PAPER 23857	18.55 0.27 -0.03	15.54 0.18 -0.11	15.53 0.17 -0.04	14.89 0.15 -0.02	14.73 0.18 -0.01	15.34 0.17 -0.01	15.53 0.15 -0.07	15.61 0.12 -0.09	15.49 0.02 -0.10	15.90 0.02 -0.11	17.62 -0.02 -0.05	19.14 0.08 -0.02	20.68 0.10 0.00	22.18 0.07 0.00	24.08 0.12 0.00	25.28 0.20 0.00	27.33 0.11 -0.11	30.71 0.33 0.00	26.83 0.58 0.00	26.87 0.63 0.00	25.99 0.73 0.00	24.41 0.85 0.00	20.21 0.59 0.00	18.93 0.53 -0.13

CASSADAGA_WT_PWR 323784	18.27 -0.09 -0.12	15.29 -0.37 -0.41	15.16 -0.32 -0.17	14.45 -0.34 -0.06	14.33 -0.25 -0.03	14.86 -0.33 -0.03	15.13 -0.44 -0.27	15.31 -0.42 -0.32	15.24 -0.51 -0.38	15.62 -0.55 -0.40	17.15 -0.62 -0.17	18.55 -0.57 -0.09	20.48 -0.10 0.00	21.98 -0.13 0.00	24.15 0.19 0.00	25.08 0.00 0.00	26.80 -0.73 -0.42	29.93 -0.94 -0.49	28.10 -0.31 -2.16	26.89 -0.31 -0.97	25.83 -0.33 -0.90	23.92 -0.19 -0.55	19.75 -0.33 -0.47	18.17 -0.59 -0.49
CE_DUNWOOD___DRP 24194	20.01 1.11 -0.65	18.44 0.93 -2.26	17.16 0.92 -0.92	15.93 0.88 -0.32	15.61 0.89 -0.17	16.23 0.89 -0.17	17.80 0.98 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.12 1.10 -2.24	19.85 1.30 -0.96	21.02 1.50 -0.48	22.23 1.65 0.00	23.95 1.84 0.00	25.82 1.87 0.00	27.32 2.08 -0.16	32.19 2.39 -2.69	35.61 2.49 -2.73	41.37 2.05 -13.07	33.62 2.05 -5.33	32.21 1.97 -4.97	28.38 1.79 -3.02	23.73 1.55 -2.56	22.23 1.24 -2.72
CE_MILLWOOD___DRP 24193	19.99 1.09 -0.65	18.40 0.90 -2.25	17.14 0.90 -0.92	15.90 0.85 -0.32	15.58 0.86 -0.17	16.22 0.88 -0.17	17.76 0.95 -1.51	18.13 0.97 -1.76	18.48 1.01 -2.09	19.08 1.07 -2.24	19.81 1.27 -0.96	20.98 1.47 -0.47	22.18 1.61 0.00	23.91 1.79 0.00	25.78 1.82 0.00	27.24 2.01 -0.15	32.12 2.33 -2.68	35.53 2.43 -2.72	41.27 2.00 -13.02	33.54 1.99 -5.31	32.14 1.92 -4.96	28.32 1.74 -3.01	23.67 1.49 -2.56	22.18 1.21 -2.71
CE_NYC2_DRP 24202	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.57 1.09 -2.10	19.20 1.18 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.44 2.63 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
CE_NYC_DRP 24195	20.08 1.19 -0.65	18.51 0.99 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.61 1.14 -2.10	19.25 1.23 -2.25	19.98 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.53 2.18 -13.10	33.79 2.20 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.88 1.69 -2.57	22.32 1.33 -2.73
CHAFFEE___LFGE 323603	18.01 -0.35 -0.11	15.18 -0.47 -0.40	15.17 -0.31 -0.16	14.52 -0.26 -0.06	14.42 -0.16 -0.03	14.97 -0.23 -0.03	15.17 -0.40 -0.27	15.25 -0.63 -0.31	15.11 -0.76 -0.37	15.41 -0.95 -0.40	16.81 -0.95 -0.17	18.17 -0.95 -0.08	19.94 -0.64 0.00	21.39 -0.73 0.00	23.52 -0.43 0.00	24.41 -0.68 0.00	26.14 -1.38 -0.41	29.28 -1.58 -0.48	27.58 -0.79 -2.11	26.42 -0.76 -0.94	25.48 -0.66 -0.88	23.56 -0.54 -0.53	19.46 -0.61 -0.45	18.09 -0.66 -0.48
CHATEAUG_35_KV_LOAD 355732	18.35 0.11 0.00	15.42 0.17 0.00	15.39 0.08 0.00	14.80 0.07 0.00	14.72 0.17 0.00	15.24 0.08 0.00	15.38 0.08 0.00	15.51 0.11 0.00	15.43 0.06 0.00	15.87 0.09 0.00	17.75 0.16 0.00	19.13 0.10 0.00	20.60 0.02 0.00	22.18 0.07 0.00	23.98 0.02 0.00	25.11 0.03 0.00	27.19 0.08 0.00	30.77 0.39 0.00	26.59 0.34 0.00	26.40 0.16 0.00	25.41 0.15 0.00	23.61 0.05 0.00	19.66 0.04 0.00	18.28 0.02 0.00
CHATEAUG_WT_PWR 323614	18.37 0.13 0.00	15.42 0.17 0.00	15.38 0.06 0.00	14.82 0.09 0.00	14.72 0.18 0.00	15.26 0.09 0.00	15.40 0.09 0.00	15.52 0.12 0.00	15.43 0.06 0.00	15.90 0.13 0.00	17.78 0.19 0.00	19.17 0.13 0.00	20.66 0.08 0.00	22.23 0.11 0.00	24.05 0.10 0.00	25.16 0.08 0.00	27.24 0.14 0.00	30.80 0.43 0.00	26.62 0.37 0.00	26.42 0.18 0.00	25.41 0.15 0.00	23.64 0.07 0.00	19.68 0.06 0.00	18.30 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	18.35 0.11 0.00	15.42 0.17 0.00	15.38 0.06 0.00	14.80 0.07 0.00	14.72 0.18 0.00	15.24 0.08 0.00	15.38 0.08 0.00	15.51 0.11 0.00	15.40 0.03 0.00	15.87 0.10 0.00	17.75 0.16 0.00	19.13 0.10 0.00	20.60 0.02 0.00	22.18 0.07 0.00	23.98 0.02 0.00	25.11 0.03 0.00	27.19 0.08 0.00	30.77 0.39 0.00	26.59 0.34 0.00	26.40 0.16 0.00	25.41 0.15 0.00	23.61 0.05 0.00	19.66 0.04 0.00	18.28 0.02 0.00
CHAUTAUQUA___LFGE 323629	18.25 -0.11 -0.11	15.33 -0.32 -0.40	15.28 -0.20 -0.16	14.58 -0.21 -0.06	14.43 -0.15 -0.03	15.00 -0.20 -0.03	15.25 -0.32 -0.27	15.37 -0.34 -0.31	15.27 -0.48 -0.37	15.60 -0.57 -0.40	17.09 -0.67 -0.17	18.50 -0.63 -0.08	20.27 -0.31 0.00	21.76 -0.35 0.00	23.93 -0.02 0.00	24.83 -0.25 0.00	26.63 -0.89 -0.41	29.71 -1.15 -0.48	27.89 -0.47 -2.11	26.74 -0.45 -0.94	25.76 -0.38 -0.88	23.84 -0.26 -0.54	19.70 -0.37 -0.45	18.25 -0.49 -0.48
CHERRYST_13_KV_LD 356241	20.12 1.22 -0.65	18.54 1.02 -2.26	17.27 1.03 -0.93	16.03 0.99 -0.32	15.71 0.99 -0.17	16.35 1.02 -0.17	17.91 1.09 -1.51	18.31 1.14 -1.77	18.66 1.18 -2.10	19.28 1.26 -2.25	20.03 1.48 -0.96	21.21 1.69 -0.48	22.41 1.83 0.00	24.17 2.06 0.00	26.09 2.13 0.00	27.57 2.33 -0.16	32.49 2.68 -2.70	35.88 2.76 -2.74	41.61 2.26 -13.10	33.86 2.28 -5.34	32.44 2.20 -4.99	28.57 1.98 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
CHESTROR_138KV_BK263 355645	19.78 0.93 -0.61	18.10 0.75 -2.10	16.93 0.75 -0.86	15.74 0.72 -0.29	15.42 0.71 -0.16	16.05 0.73 -0.16	17.51 0.80 -1.41	17.85 0.80 -1.65	18.17 0.85 -1.96	18.75 0.88 -2.09	19.54 1.06 -0.89	20.72 1.24 -0.44	21.94 1.36 0.00	23.64 1.53 0.00	25.51 1.56 0.00	26.94 1.73 -0.13	31.59 2.01 -2.48	35.02 2.10 -2.54	40.02 1.71 -12.06	32.93 1.73 -4.96	31.53 1.64 -4.63	27.91 1.53 -2.81	23.28 1.28 -2.38	21.82 1.02 -2.53
CH_MIDHUDSON___DRP 24192	19.96 1.06 -0.66	18.42 0.87 -2.30	17.13 0.87 -0.94	15.88 0.82 -0.32	15.55 0.83 -0.17	16.19 0.85 -0.17	17.75 0.90 -1.54	18.11 0.91 -1.80	18.48 0.97 -2.14	19.07 1.01 -2.29	19.75 1.18 -0.98	20.91 1.39 -0.49	22.12 1.54 0.00	23.84 1.73 0.00	25.70 1.75 0.00	27.10 1.91 -0.11	32.00 2.25 -2.64	35.53 2.34 -2.81	41.28 1.92 -13.11	33.64 1.92 -5.48	32.19 1.82 -5.12	28.35 1.67 -3.11	23.67 1.41 -2.64	22.19 1.15 -2.78
CH_MISC_IPPS 23765	19.99 1.09 -0.65	18.40 0.88 -2.27	17.13 0.89 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.77	18.47 0.98 -2.11	19.05 1.02 -2.25	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.95 1.83 0.00	25.87 1.92 0.00	27.28 2.08 -0.12	32.12 2.39 -2.62	35.72 2.58 -2.76	41.28 2.07 -12.95	33.70 2.07 -5.39	32.26 1.97 -5.03	28.43 1.81 -3.05	23.70 1.49 -2.59	22.20 1.21 -2.73
CH_RES_BVR_FALLS 23983	17.99 -0.26 0.00	15.07 -0.18 0.00	15.09 -0.23 0.00	14.51 -0.22 0.00	14.34 -0.20 0.00	14.89 -0.27 0.00	15.03 -0.28 0.00	15.14 -0.26 0.00	15.11 -0.26 0.00	15.54 -0.24 0.00	17.34 -0.25 0.00	18.73 -0.31 0.00	20.23 -0.35 0.00	21.74 -0.38 0.00	23.52 -0.43 0.00	24.63 -0.45 0.00	26.65 -0.46 0.00	30.02 -0.36 0.00	25.86 -0.39 0.00	25.77 -0.47 0.00	24.81 -0.45 0.00	23.07 -0.50 0.00	19.19 -0.43 0.00	17.82 -0.44 0.00

CH_RES_NIAGARA 23895	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.08 -0.38 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	14.99 -0.55 -0.24	14.89 -0.78 -0.28	14.75 -0.95 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.61 -1.34 0.00	23.38 -1.71 0.00	25.25 -2.22 -0.37	27.91 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.34 -1.69 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.67 -1.02 -0.43
CH_RES_SYRACUSE 23985	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.40 -0.02 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.56 -0.03 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.05 0.10 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
CLINTON_WT_PWR 323605	18.37 0.13 0.00	15.42 0.17 0.00	15.38 0.06 0.00	14.82 0.09 0.00	14.72 0.18 0.00	15.26 0.09 0.00	15.40 0.09 0.00	15.52 0.12 0.00	15.43 0.06 0.00	15.90 0.13 0.00	17.78 0.19 0.00	19.17 0.13 0.00	20.66 0.08 0.00	22.23 0.11 0.00	24.05 0.10 0.00	25.16 0.08 0.00	27.24 0.14 0.00	30.80 0.43 0.00	26.62 0.37 0.00	26.42 0.18 0.00	25.41 0.15 0.00	23.64 0.07 0.00	19.68 0.06 0.00	18.30 0.04 0.00
CLINTON___LFGE 323618	18.53 0.29 0.00	15.57 0.32 0.00	15.53 0.21 0.00	14.95 0.22 0.00	14.88 0.33 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.69 0.29 0.00	15.57 0.20 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.52 0.41 0.00	31.14 0.76 0.00	26.99 0.73 0.00	26.74 0.50 0.00	25.74 0.48 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
COBBLENY_34_KV_TB1 80064	18.01 -0.35 -0.11	15.18 -0.47 -0.40	15.11 -0.37 -0.16	14.46 -0.32 -0.06	14.42 -0.16 -0.03	14.98 -0.21 -0.03	15.17 -0.40 -0.27	15.25 -0.46 -0.31	15.07 -0.68 -0.37	15.41 -0.76 -0.40	16.81 -0.95 -0.17	18.17 -0.95 -0.08	19.94 -0.64 0.00	21.39 -0.73 0.00	23.69 -0.26 0.00	24.40 -0.68 0.00	26.14 -1.38 -0.41	29.31 -1.55 -0.48	27.58 -0.79 -2.11	26.42 -0.76 -0.94	25.48 -0.66 -0.88	23.56 -0.54 -0.53	19.45 -0.63 -0.45	18.10 -0.64 -0.48
COFFEEN___115KV_TB3 355620	18.72 0.44 -0.04	15.66 0.29 -0.13	15.66 0.29 -0.05	15.01 0.27 -0.02	14.85 0.29 -0.01	15.48 0.30 -0.01	15.66 0.28 -0.08	15.73 0.23 -0.10	15.60 0.11 -0.12	16.01 0.11 -0.12	17.73 0.09 -0.05	19.31 0.25 -0.03	20.87 0.29 0.00	22.38 0.27 0.00	24.34 0.38 0.00	25.56 0.48 0.00	27.56 0.33 -0.13	30.93 0.55 0.00	27.09 0.84 0.00	27.16 0.92 0.00	26.30 1.04 0.00	24.79 1.23 0.00	20.46 0.84 0.00	19.18 0.77 -0.15
COLDSPRG_115KV_BK1 355956	18.25 -0.11 -0.12	15.32 -0.35 -0.42	15.20 -0.29 -0.17	14.49 -0.29 -0.06	14.56 -0.01 -0.03	15.06 -0.14 -0.03	15.27 -0.32 -0.28	15.41 -0.32 -0.33	15.24 -0.52 -0.39	15.62 -0.57 -0.42	17.12 -0.65 -0.18	18.52 -0.61 -0.09	20.50 -0.08 0.00	22.01 -0.11 0.00	24.29 0.34 0.00	25.11 0.03 0.00	26.76 -0.79 -0.43	30.13 -0.76 -0.51	28.34 -0.16 -2.25	27.14 -0.10 -1.00	26.12 -0.08 -0.94	24.16 0.02 -0.57	19.94 -0.16 -0.48	18.31 -0.46 -0.51
COLONIE_LFGE___ 323577	20.01 0.95 -0.82	18.87 0.78 -2.84	17.27 0.80 -1.16	15.89 0.77 -0.40	15.50 0.74 -0.21	16.17 0.79 -0.21	17.97 0.76 -1.90	18.38 0.75 -2.22	18.80 0.78 -2.64	19.38 0.79 -2.82	19.71 0.91 -1.21	20.65 1.01 -0.60	21.65 1.07 0.00	23.29 1.17 0.00	25.10 1.15 0.00	26.11 1.20 0.18	31.02 1.41 -2.50	38.97 1.55 -7.04	57.21 1.34 -29.62	41.42 1.36 -13.82	39.46 1.31 -12.89	32.67 1.27 -7.83	27.32 1.06 -6.65	22.65 0.97 -3.42
COOPERNY_115KV_TB1 80082	19.47 0.73 -0.49	17.56 0.59 -1.72	16.61 0.60 -0.70	15.53 0.56 -0.24	15.24 0.57 -0.13	15.87 0.58 -0.13	17.08 0.63 -1.15	17.38 0.63 -1.34	17.63 0.66 -1.60	18.17 0.69 -1.71	19.13 0.81 -0.73	20.35 0.95 -0.36	21.63 1.05 0.00	23.31 1.19 0.00	25.18 1.22 0.00	26.52 1.35 -0.09	30.60 1.52 -1.97	34.04 1.58 -2.08	37.33 1.34 -9.74	31.67 1.36 -4.07	30.37 1.31 -3.80	27.07 1.20 -2.31	22.60 1.02 -1.96	21.15 0.82 -2.07
COPENHAGEN_WT_PWR 323753	18.57 0.29 -0.04	15.56 0.18 -0.13	15.55 0.18 -0.05	14.91 0.16 -0.02	14.73 0.18 -0.01	15.36 0.18 -0.01	15.54 0.15 -0.09	15.63 0.12 -0.10	15.52 0.03 -0.12	15.93 0.03 -0.13	17.64 0.00 -0.05	19.18 0.11 -0.03	20.72 0.15 0.00	22.23 0.11 0.00	24.15 0.19 0.00	25.36 0.28 0.00	27.38 0.14 -0.13	30.65 0.27 0.00	26.80 0.55 0.00	26.87 0.63 0.00	25.99 0.73 0.00	24.46 0.90 0.00	20.21 0.59 0.00	18.97 0.55 -0.16
CORNELL___ 23752	18.74 0.35 -0.15	15.99 0.23 -0.51	15.77 0.25 -0.21	15.02 0.22 -0.07	14.82 0.23 -0.04	15.46 0.26 -0.04	15.87 0.23 -0.34	16.03 0.23 -0.40	16.01 0.17 -0.47	16.43 0.16 -0.50	17.93 0.12 -0.22	19.37 0.23 -0.11	20.91 0.33 0.00	22.45 0.33 0.00	24.48 0.53 0.00	25.58 0.50 0.00	28.07 0.43 -0.52	31.46 0.43 -0.66	29.82 0.68 -2.88	28.29 0.76 -1.29	27.22 0.76 -1.20	25.03 0.73 -0.73	20.75 0.51 -0.62	19.33 0.46 -0.61
CORONA_AAV_69_KV_TB1 355595	26.36 1.51 -6.61	24.83 1.25 -8.33	21.61 1.24 -5.06	20.11 1.19 -4.19	19.68 1.19 -3.94	18.46 1.21 -2.08	18.09 1.27 -1.52	24.64 1.32 -7.91	25.96 1.37 -9.22	27.56 1.42 -10.37	29.22 1.62 -10.01	30.14 1.85 -9.25	31.22 2.00 -8.64	33.20 2.23 -8.85	43.59 2.25 -17.38	39.23 2.51 -11.64	47.73 2.87 -17.74	49.88 3.01 -16.49	49.90 2.49 -21.15	42.23 2.52 -13.47	40.49 2.42 -12.80	36.60 2.22 -10.82	42.57 1.98 -20.97	30.25 1.63 -10.36
CORTLAND_115KV_TB3 80093	18.58 0.22 -0.12	15.79 0.12 -0.41	15.62 0.14 -0.17	14.92 0.13 -0.06	14.71 0.13 -0.03	15.35 0.15 -0.03	15.70 0.12 -0.28	15.85 0.12 -0.32	15.85 0.09 -0.38	16.26 0.08 -0.41	17.84 0.07 -0.18	19.28 0.15 -0.09	20.81 0.23 0.00	22.36 0.24 0.00	24.34 0.38 0.00	25.46 0.38 0.00	27.81 0.27 -0.43	31.10 0.21 -0.51	28.86 0.39 -2.22	27.68 0.45 -0.99	26.64 0.45 -0.92	24.60 0.47 -0.56	20.43 0.33 -0.48	19.05 0.29 -0.50
COXSACKIE___GT 23611	19.79 0.78 -0.76	18.50 0.59 -2.65	17.04 0.64 -1.08	15.78 0.68 -0.37	15.45 0.70 -0.20	16.11 0.74 -0.20	17.66 0.58 -1.78	18.09 0.62 -2.08	18.58 0.74 -2.47	19.13 0.73 -2.64	19.54 0.83 -1.13	20.70 1.10 -0.56	22.04 1.46 0.00	23.73 1.61 0.00	25.66 1.70 0.00	27.04 2.01 0.05	32.10 2.39 -2.61	37.34 2.52 -4.44	47.42 2.05 -19.12	36.87 1.91 -8.72	35.21 1.82 -8.13	30.13 1.62 -4.94	25.03 1.22 -4.19	22.45 0.99 -3.20
CPV_VALLEY___CC1 323721	19.69 0.88 -0.57	17.92 0.70 -1.97	16.82 0.70 -0.80	15.68 0.68 -0.28	15.37 0.67 -0.15	16.00 0.68 -0.15	17.37 0.75 -1.32	17.70 0.75 -1.54	18.00 0.80 -1.83	18.56 0.84 -1.96	19.41 0.98 -0.84	20.62 1.16 -0.42	21.83 1.26 0.00	23.53 1.42 0.00	25.44 1.49 0.00	26.80 1.61 -0.11	31.23 1.82 -2.30	34.67 1.92 -2.38	39.05 1.58 -11.22	32.48 1.60 -4.64	31.13 1.54 -4.33	27.61 1.41 -2.63	23.05 1.20 -2.23	21.58 0.95 -2.37

CPV_VALLEY___CC2 323722	19.69 0.88 -0.57	17.92 0.70 -1.97	16.82 0.70 -0.80	15.68 0.68 -0.28	15.37 0.67 -0.15	16.00 0.68 -0.15	17.37 0.75 -1.32	17.70 0.75 -1.54	18.00 0.80 -1.83	18.56 0.84 -1.96	19.41 0.98 -0.84	20.62 1.16 -0.42	21.83 1.26 0.00	23.53 1.42 0.00	25.44 1.49 0.00	26.80 1.61 -0.11	31.23 1.82 -2.30	34.67 1.92 -2.38	39.05 1.58 -11.22	32.48 1.60 -4.64	31.13 1.54 -4.33	27.61 1.41 -2.63	23.05 1.20 -2.23	21.58 0.95 -2.37
CRESCENT___HYD 24018	20.01 0.95 -0.82	18.87 0.78 -2.84	17.27 0.80 -1.16	15.89 0.77 -0.40	15.50 0.74 -0.21	16.17 0.79 -0.21	17.97 0.76 -1.90	18.38 0.75 -2.22	18.80 0.78 -2.64	19.38 0.79 -2.82	19.71 0.91 -1.21	20.65 1.01 -0.60	21.65 1.07 0.00	23.29 1.17 0.00	25.10 1.15 0.00	26.11 1.20 0.18	31.02 1.41 -2.50	38.97 1.55 -7.04	57.21 1.34 -29.62	41.42 1.36 -13.82	39.46 1.31 -12.89	32.67 1.27 -7.83	27.32 1.06 -6.65	22.65 0.97 -3.42
CRICKET___VALLEY_CC1 323756	19.91 0.98 -0.68	18.47 0.84 -2.38	17.13 0.84 -0.97	15.87 0.81 -0.33	15.53 0.80 -0.18	16.16 0.82 -0.18	17.75 0.86 -1.59	18.12 0.86 -1.86	18.47 0.89 -2.21	19.05 0.91 -2.36	19.67 1.07 -1.01	20.74 1.20 -0.50	21.83 1.26 0.00	23.53 1.42 0.00	25.32 1.36 0.00	24.77 1.48 1.79	27.04 1.74 1.81	34.96 1.79 -2.79	27.46 1.44 0.23	33.50 1.49 -5.77	32.08 1.44 -5.38	28.20 1.37 -3.27	23.57 1.18 -2.77	22.11 0.99 -2.86
CRICKET___VALLEY_CC2 323757	19.91 0.98 -0.68	18.47 0.84 -2.38	17.13 0.84 -0.97	15.87 0.81 -0.33	15.53 0.80 -0.18	16.16 0.82 -0.18	17.75 0.86 -1.59	18.12 0.86 -1.86	18.47 0.89 -2.21	19.05 0.91 -2.36	19.67 1.07 -1.01	20.74 1.20 -0.50	21.83 1.26 0.00	23.53 1.42 0.00	25.32 1.36 0.00	24.77 1.48 1.79	27.04 1.74 1.81	34.96 1.79 -2.79	27.46 1.44 0.23	33.50 1.49 -5.77	32.08 1.44 -5.38	28.20 1.37 -3.27	23.57 1.18 -2.77	22.11 0.99 -2.86
CRICKET___VALLEY_CC3 323758	19.91 0.98 -0.68	18.47 0.84 -2.38	17.13 0.84 -0.97	15.87 0.81 -0.33	15.53 0.80 -0.18	16.16 0.82 -0.18	17.75 0.86 -1.59	18.12 0.86 -1.86	18.47 0.89 -2.21	19.05 0.91 -2.36	19.67 1.07 -1.01	20.74 1.20 -0.50	21.83 1.26 0.00	23.53 1.42 0.00	25.32 1.36 0.00	24.77 1.48 1.79	27.04 1.74 1.81	34.96 1.79 -2.79	27.46 1.44 0.23	33.50 1.49 -5.77	32.08 1.44 -5.38	28.20 1.37 -3.27	23.57 1.18 -2.77	22.11 0.99 -2.86
CRUCIBLE_METL_DRP 24180	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.38 -0.03 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.55 -0.05 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.07 0.12 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
DAHOWA___HYDRO 323763	20.39 1.31 -0.83	19.21 1.07 -2.89	17.55 1.06 -1.18	16.15 1.02 -0.40	15.76 0.99 -0.22	16.46 1.08 -0.22	18.26 1.03 -1.93	18.68 1.02 -2.26	19.13 1.08 -2.68	19.74 1.10 -2.87	20.01 1.20 -1.23	20.98 1.33 -0.61	22.02 1.44 0.00	23.64 1.52 0.00	25.51 1.56 0.00	26.36 1.43 0.15	31.44 1.71 -2.62	40.16 2.04 -7.74	61.06 1.89 -32.91	43.32 1.89 -15.19	41.28 1.84 -14.18	33.87 1.70 -8.61	28.30 1.37 -7.31	23.17 1.43 -3.48
DANC___LFGE 323619	18.38 0.09 -0.04	15.42 0.02 -0.15	15.41 0.03 -0.06	14.76 0.01 -0.02	14.57 0.01 -0.01	15.19 0.02 -0.01	15.41 0.00 -0.10	15.50 -0.02 -0.12	15.44 -0.08 -0.14	15.83 -0.09 -0.15	17.51 -0.14 -0.06	19.01 -0.06 -0.03	20.54 -0.04 0.00	22.03 -0.09 0.00	23.93 -0.02 0.00	25.08 0.00 0.00	27.10 -0.16 -0.16	30.26 -0.12 0.00	26.38 0.13 0.00	26.45 0.21 0.00	25.54 0.28 0.00	23.99 0.42 0.00	19.87 0.25 0.00	18.70 0.26 -0.18
DANSKAMMER___1 23586	19.99 1.09 -0.65	18.40 0.88 -2.27	17.13 0.89 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.77	18.47 0.98 -2.11	19.05 1.02 -2.25	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.95 1.83 0.00	25.87 1.92 0.00	27.28 2.08 -0.12	32.12 2.39 -2.62	35.72 2.58 -2.76	41.28 2.07 -12.95	33.70 2.07 -5.39	32.26 1.97 -5.03	28.43 1.81 -3.05	23.70 1.49 -2.59	22.20 1.21 -2.73
DANSKAMMER___2 23589	19.99 1.09 -0.65	18.40 0.88 -2.27	17.13 0.89 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.77	18.47 0.98 -2.11	19.05 1.02 -2.25	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.95 1.83 0.00	25.87 1.92 0.00	27.28 2.08 -0.12	32.12 2.39 -2.62	35.72 2.58 -2.76	41.28 2.07 -12.95	33.70 2.07 -5.39	32.26 1.97 -5.03	28.43 1.81 -3.05	23.70 1.49 -2.59	22.20 1.21 -2.73
DANSKAMMER___3 23590	19.99 1.09 -0.65	18.40 0.88 -2.27	17.13 0.89 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.77	18.47 0.98 -2.11	19.05 1.02 -2.25	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.95 1.83 0.00	25.87 1.92 0.00	27.28 2.08 -0.12	32.12 2.39 -2.62	35.72 2.58 -2.76	41.28 2.07 -12.95	33.70 2.07 -5.39	32.26 1.97 -5.03	28.43 1.81 -3.05	23.70 1.49 -2.59	22.20 1.21 -2.73
DANSKAMMER___4 23591	19.99 1.09 -0.65	18.40 0.88 -2.27	17.13 0.89 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.77	18.47 0.98 -2.11	19.05 1.02 -2.25	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.95 1.83 0.00	25.87 1.92 0.00	27.28 2.08 -0.12	32.12 2.39 -2.62	35.72 2.58 -2.76	41.28 2.07 -12.95	33.70 2.07 -5.39	32.26 1.97 -5.03	28.43 1.81 -3.05	23.70 1.49 -2.59	22.20 1.21 -2.73
DANSKAMMER___DIESEL 23592	19.99 1.09 -0.65	18.40 0.88 -2.27	17.13 0.89 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.77	18.46 0.98 -2.11	19.05 1.03 -2.25	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.95 1.84 0.00	25.85 1.89 0.00	27.29 2.08 -0.12	32.15 2.41 -2.62	35.72 2.58 -2.76	41.31 2.10 -12.95	33.70 2.07 -5.39	32.26 1.97 -5.03	28.43 1.81 -3.05	23.70 1.49 -2.59	22.20 1.21 -2.73
DARBY___SOLAR 323810	20.31 1.24 -0.83	19.14 1.01 -2.88	17.50 1.01 -1.18	16.09 0.96 -0.40	15.71 0.95 -0.22	16.40 1.02 -0.22	18.21 0.98 -1.93	18.63 0.97 -2.25	19.08 1.03 -2.68	19.69 1.06 -2.86	19.97 1.16 -1.22	20.94 1.30 -0.61	21.98 1.40 0.00	23.58 1.46 0.00	25.47 1.51 0.00	26.33 1.40 0.15	31.39 1.68 -2.60	39.99 1.95 -7.66	60.56 1.79 -32.52	43.08 1.81 -15.03	41.03 1.74 -14.03	33.69 1.60 -8.52	28.17 1.31 -7.23	23.07 1.33 -3.47
DASHVILLE___HYD 23610	19.63 0.71 -0.68	18.18 0.58 -2.35	16.84 0.57 -0.96	15.66 0.60 -0.33	15.39 0.67 -0.18	16.01 0.67 -0.18	17.49 0.61 -1.57	17.85 0.62 -1.84	18.23 0.68 -2.18	18.81 0.71 -2.33	19.43 0.84 -1.00	20.60 1.07 -0.50	21.90 1.32 0.00	23.60 1.48 0.00	25.46 1.51 0.00	27.07 1.93 -0.06	31.95 2.28 -2.56	35.41 1.88 -3.14	41.95 1.50 -14.20	33.88 1.50 -6.15	32.41 1.41 -5.74	28.35 1.30 -3.49	23.68 1.10 -2.96	21.89 0.80 -2.83

DEERFIELD_69_KV_DEERFIELD LD 355887	26.65 1.81 -6.61	25.12 1.54 -8.33	21.90 1.53 -5.06	20.42 1.50 -4.19	19.97 1.48 -3.94	18.85 1.61 -2.08	18.49 1.67 -1.52	24.99 1.68 -7.91	26.24 1.64 -9.22	27.91 1.77 -10.37	29.48 1.88 -10.01	30.46 2.17 -9.25	31.69 2.47 -8.64	33.71 2.74 -8.85	44.26 2.92 -17.38	40.08 3.36 -11.64	48.62 3.77 -17.74	50.94 4.07 -16.49	50.84 3.44 -21.15	43.15 3.44 -13.47	41.35 3.28 -12.80	37.33 2.95 -10.82	42.92 2.33 -20.97	30.58 1.95 -10.36
DELAWARE___LFGE 323621	19.09 0.58 -0.27	16.64 0.46 -0.93	16.15 0.46 -0.38	15.30 0.44 -0.13	15.07 0.45 -0.07	15.71 0.47 -0.07	16.42 0.49 -0.62	16.64 0.51 -0.73	16.73 0.49 -0.86	17.20 0.50 -0.92	18.56 0.58 -0.39	19.94 0.70 -0.20	21.38 0.80 0.00	23.02 0.91 0.00	24.94 0.98 0.00	26.16 1.08 0.00	29.15 1.08 -0.96	33.50 1.15 -1.97	35.94 1.05 -8.64	31.20 1.10 -3.86	29.97 1.11 -3.60	26.79 1.04 -2.19	22.30 0.82 -1.86	20.06 0.68 -1.12
DERFIELD_115KV_TB7 355931	18.32 0.07 0.00	15.30 0.05 0.00	15.38 0.06 0.00	14.79 0.06 0.00	14.59 0.04 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.46 0.06 0.00	15.42 0.05 0.00	15.82 0.05 0.00	17.64 0.05 0.00	19.12 0.08 0.00	20.66 0.08 0.00	22.21 0.09 0.00	24.05 0.10 0.00	25.21 0.13 0.00	27.22 0.11 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.34 0.10 0.00	25.36 0.10 0.00	23.68 0.12 0.00	19.70 0.08 0.00	18.34 0.07 0.00
DOGLEVILLE___HYD 23807	18.35 0.11 0.00	15.33 0.08 0.00	15.39 0.08 0.00	14.79 0.06 0.00	14.61 0.06 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.45 0.05 0.00	15.42 0.05 0.00	15.82 0.05 0.00	17.66 0.07 0.00	19.15 0.11 0.00	20.72 0.15 0.00	22.27 0.16 0.00	24.12 0.17 0.00	25.28 0.20 0.00	27.24 0.14 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.32 0.08 0.00	25.26 0.00 0.00	23.52 -0.05 0.00	19.50 -0.12 0.00	18.10 -0.16 0.00
DUNKIRK___115KV_TB_200 55889	18.21 -0.15 -0.11	15.31 -0.34 -0.40	15.22 -0.26 -0.16	14.55 -0.24 -0.06	14.43 -0.15 -0.03	15.01 -0.18 -0.03	15.27 -0.31 -0.27	15.37 -0.34 -0.31	15.20 -0.54 -0.37	15.60 -0.57 -0.40	17.07 -0.69 -0.17	18.46 -0.67 -0.08	20.23 -0.35 0.00	21.72 -0.40 0.00	24.03 0.07 0.00	24.78 -0.30 0.00	26.57 -0.95 -0.41	29.68 -1.18 -0.48	27.86 -0.50 -2.11	26.71 -0.47 -0.94	25.74 -0.40 -0.88	23.82 -0.28 -0.53	19.66 -0.41 -0.45	18.27 -0.47 -0.48
DUNKIRK___1 23563	18.21 -0.15 -0.11	15.31 -0.34 -0.40	15.22 -0.26 -0.16	14.55 -0.24 -0.06	14.43 -0.15 -0.03	15.01 -0.18 -0.03	15.27 -0.31 -0.27	15.37 -0.34 -0.31	15.20 -0.54 -0.37	15.60 -0.57 -0.40	17.07 -0.69 -0.17	18.46 -0.67 -0.08	20.23 -0.35 0.00	21.72 -0.40 0.00	24.03 0.07 0.00	24.78 -0.30 0.00	26.57 -0.95 -0.41	29.68 -1.18 -0.48	27.86 -0.50 -2.11	26.71 -0.47 -0.94	25.74 -0.40 -0.88	23.82 -0.28 -0.53	19.66 -0.41 -0.45	18.27 -0.47 -0.48
DUNKIRK___2 23564	18.21 -0.15 -0.11	15.31 -0.34 -0.40	15.22 -0.26 -0.16	14.55 -0.24 -0.06	14.43 -0.15 -0.03	15.01 -0.18 -0.03	15.27 -0.31 -0.27	15.37 -0.34 -0.31	15.20 -0.54 -0.37	15.60 -0.57 -0.40	17.07 -0.69 -0.17	18.46 -0.67 -0.08	20.23 -0.35 0.00	21.72 -0.40 0.00	24.03 0.07 0.00	24.78 -0.30 0.00	26.57 -0.95 -0.41	29.68 -1.18 -0.48	27.86 -0.50 -2.11	26.71 -0.47 -0.94	25.74 -0.40 -0.88	23.82 -0.28 -0.53	19.66 -0.41 -0.45	18.27 -0.47 -0.48
DUNKIRK___3 23565	18.12 -0.24 -0.11	15.25 -0.40 -0.40	15.17 -0.31 -0.16	14.50 -0.28 -0.06	14.42 -0.16 -0.03	14.98 -0.21 -0.03	15.22 -0.35 -0.27	15.33 -0.39 -0.31	15.14 -0.60 -0.37	15.52 -0.65 -0.39	16.95 -0.81 -0.17	18.34 -0.78 -0.08	20.09 -0.49 0.00	21.54 -0.58 0.00	23.84 -0.12 0.00	24.61 -0.48 0.00	26.38 -1.14 -0.41	29.46 -1.40 -0.48	27.67 -0.68 -2.10	26.55 -0.63 -0.94	25.60 -0.53 -0.87	23.67 -0.42 -0.53	19.56 -0.51 -0.45	18.19 -0.55 -0.48
DUNKIRK___4 23566	18.12 -0.24 -0.11	15.25 -0.40 -0.40	15.17 -0.31 -0.16	14.50 -0.28 -0.06	14.42 -0.16 -0.03	14.98 -0.21 -0.03	15.22 -0.35 -0.27	15.33 -0.39 -0.31	15.14 -0.60 -0.37	15.52 -0.65 -0.39	16.95 -0.81 -0.17	18.34 -0.78 -0.08	20.09 -0.49 0.00	21.54 -0.58 0.00	23.84 -0.12 0.00	24.61 -0.48 0.00	26.38 -1.14 -0.41	29.46 -1.40 -0.48	27.67 -0.68 -2.10	26.55 -0.63 -0.94	25.60 -0.53 -0.87	23.67 -0.42 -0.53	19.56 -0.51 -0.45	18.19 -0.55 -0.48
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.04 1.15 -0.65	18.46 0.95 -2.26	17.19 0.95 -0.93	15.96 0.91 -0.32	15.62 0.90 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.20 1.03 -1.77	18.55 1.08 -2.10	19.17 1.15 -2.25	19.91 1.35 -0.96	21.08 1.56 -0.48	22.27 1.69 0.00	24.02 1.90 0.00	25.90 1.94 -0.16	27.37 2.13 -2.70	32.28 2.47 -2.70	35.67 2.55 -2.74	41.45 2.10 -13.10	33.71 2.13 -5.34	32.29 2.05 -4.99	28.46 1.86 -3.03	23.78 1.59 -2.57	22.27 1.28 -2.73
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.86 0.99 -0.63	18.26 0.81 -2.21	17.01 0.80 -0.90	15.80 0.77 -0.31	15.48 0.77 -0.17	16.12 0.79 -0.17	17.62 0.84 -1.48	17.97 0.85 -1.72	18.33 0.91 -2.05	18.91 0.95 -2.19	19.63 1.11 -0.94	20.84 1.33 -0.47	22.06 1.48 0.00	23.78 1.66 0.00	25.66 1.70 0.00	27.08 1.88 -0.12	31.86 2.20 -2.55	35.37 2.31 -2.68	40.74 1.89 -12.60	33.36 1.89 -5.24	31.94 1.79 -4.89	28.18 1.65 -2.97	23.51 1.37 -2.52	22.02 1.10 -2.66
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.17 1.28 -0.65	18.57 1.05 -2.26	17.27 1.03 -0.93	16.08 1.03 -0.32	15.75 1.03 -0.17	16.34 1.00 -0.17	17.81 0.99 -1.51	18.19 1.02 -1.77	18.49 1.01 -2.10	19.14 1.12 -2.25	19.89 1.34 -0.96	21.08 1.56 -0.48	22.29 1.71 0.00	24.06 1.95 0.00	25.94 1.99 0.00	27.42 2.18 -0.16	32.36 2.55 -2.70	35.73 2.61 -2.74	41.53 2.18 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.96 1.77 -2.57	22.41 1.42 -2.73
E179THST_13_KV_LOAD 356214	20.24 1.35 -0.65	18.63 1.11 -2.26	17.31 1.07 -0.93	16.13 1.09 -0.32	15.81 1.09 -0.17	16.38 1.05 -0.17	17.88 1.06 -1.51	18.23 1.06 -1.77	18.55 1.08 -2.10	19.20 1.18 -2.25	19.98 1.42 -0.96	21.17 1.66 -0.48	22.39 1.81 0.00	24.17 2.06 0.00	26.06 2.11 0.00	27.52 2.28 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.66 2.31 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.55 1.96 -3.03	24.05 1.86 -2.57	22.49 1.50 -2.73
EAST HAMPTON___GT 23717	26.86 2.01 -6.61	25.29 1.71 -8.33	22.07 1.70 -5.06	20.60 1.68 -4.19	20.17 1.69 -3.94	19.05 1.80 -2.08	18.69 1.87 -1.52	25.22 1.91 -7.91	26.50 1.91 -9.22	28.18 2.04 -10.37	29.80 2.20 -10.01	30.81 2.51 -9.25	32.06 2.84 -8.64	34.08 3.12 -8.85	44.74 3.40 -17.38	40.56 3.84 -11.64	49.13 4.28 -17.74	51.52 4.65 -16.49	51.37 3.96 -21.15	43.68 3.96 -13.47	41.80 3.74 -12.80	37.76 3.37 -10.82	43.29 2.71 -20.97	30.87 2.25 -10.36
EAST RIVER___6 23660	20.01 1.11 -0.65	18.48 0.96 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.66 0.95 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.24 1.21 -2.25	19.94 1.39 -0.96	21.10 1.58 -0.48	22.29 1.71 0.00	24.04 1.92 0.00	25.94 1.99 0.00	27.37 2.13 -0.16	32.28 2.47 -2.70	35.67 2.55 -2.74	41.42 2.07 -13.10	33.68 2.10 -5.34	32.29 2.05 -4.99	28.38 1.79 -3.03	23.82 1.63 -2.57	22.25 1.26 -2.73

EAST RIVER___7 23524	20.01 1.11 -0.65	18.48 0.96 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.66 0.95 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.24 1.21 -2.25	19.94 1.39 -0.96	21.10 1.58 -0.48	22.29 1.71 0.00	24.04 1.92 0.00	25.94 1.99 0.00	27.37 2.13 -0.16	32.28 2.47 -2.70	35.67 2.55 -2.74	41.42 2.07 -13.10	33.68 2.10 -5.34	32.29 2.05 -4.99	28.38 1.79 -3.03	23.82 1.63 -2.57	22.25 1.26 -2.73
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.01 1.11 -0.65	18.44 0.93 -2.26	17.16 0.92 -0.92	15.93 0.88 -0.32	15.61 0.89 -0.17	16.23 0.89 -0.17	17.80 0.98 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.12 1.10 -2.24	19.85 1.30 -0.96	21.02 1.50 -0.48	22.23 1.65 0.00	23.95 1.84 0.00	25.82 1.87 0.00	27.32 2.08 -0.16	32.19 2.39 -2.69	35.61 2.49 -2.73	41.37 2.05 -13.07	33.62 2.05 -5.33	32.21 1.97 -4.97	28.38 1.79 -3.02	23.73 1.55 -2.56	22.23 1.24 -2.72
EAST_HAMPTON___DIESEL 23722	26.87 2.02 -6.61	25.30 1.72 -8.33	22.09 1.71 -5.06	20.60 1.68 -4.19	20.19 1.70 -3.94	19.05 1.80 -2.08	18.70 1.88 -1.52	25.22 1.91 -7.91	26.50 1.91 -9.22	28.18 2.04 -10.37	29.80 2.20 -10.01	30.82 2.53 -9.25	32.06 2.84 -8.64	34.10 3.14 -8.85	44.74 3.40 -17.38	40.58 3.86 -11.64	49.13 4.28 -17.74	51.55 4.68 -16.49	51.37 3.96 -21.15	43.68 3.96 -13.47	41.80 3.74 -12.80	37.76 3.37 -10.82	43.29 2.71 -20.97	30.87 2.25 -10.36
EAST_PULASKI___ESR 323781	18.20 -0.09 -0.05	15.30 -0.12 -0.17	15.28 -0.11 -0.07	14.65 -0.10 -0.02	14.44 -0.12 -0.01	15.07 -0.11 -0.01	15.30 -0.12 -0.12	15.40 -0.14 -0.13	15.36 -0.17 -0.16	15.77 -0.17 -0.17	17.43 -0.23 -0.07	18.88 -0.19 -0.04	20.39 -0.19 0.00	21.87 -0.24 0.00	23.79 -0.17 0.00	24.86 -0.23 0.00	26.91 -0.38 -0.18	29.92 -0.46 0.00	26.04 -0.21 0.00	26.08 -0.16 0.00	25.13 -0.13 0.00	23.57 0.00 0.00	19.56 -0.06 0.00	18.47 0.00 -0.21
EAST_RIVER___1 323558	20.08 1.19 -0.65	18.50 0.99 -2.26	17.23 0.99 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.61 1.14 -2.10	19.25 1.23 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.36 2.55 -2.70	35.79 2.67 -2.74	41.53 2.18 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.50 1.91 -3.03	23.88 1.69 -2.57	22.32 1.33 -2.73
EAST_RIVER___2 323559	20.01 1.11 -0.65	18.48 0.96 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.66 0.95 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.24 1.21 -2.25	19.94 1.39 -0.96	21.10 1.58 -0.48	22.29 1.71 0.00	24.04 1.92 0.00	25.94 1.99 0.00	27.37 2.13 -0.16	32.28 2.47 -2.70	35.67 2.55 -2.74	41.42 2.07 -13.10	33.68 2.10 -5.34	32.29 2.05 -4.99	28.38 1.79 -3.03	23.82 1.63 -2.57	22.25 1.26 -2.73
EAST___DELAWARE_HYD 23607	19.34 0.51 -0.59	17.68 0.38 -2.05	16.52 0.37 -0.84	15.35 0.34 -0.29	15.05 0.35 -0.15	15.67 0.35 -0.15	17.09 0.41 -1.37	17.42 0.42 -1.60	17.74 0.46 -1.91	18.30 0.49 -2.04	19.06 0.60 -0.87	20.25 0.78 -0.43	21.48 0.90 0.00	23.18 1.06 0.00	25.06 1.10 0.00	26.39 1.23 -0.08	30.91 1.49 -2.31	34.61 1.64 -2.59	39.50 1.31 -11.93	32.64 1.34 -5.06	31.24 1.26 -4.72	27.59 1.15 -2.87	22.98 0.92 -2.43	21.39 0.66 -2.47
EIGHT_POINT___WT_PWR 323820	18.52 0.15 -0.14	15.69 -0.03 -0.47	15.55 0.05 -0.19	14.85 0.06 -0.07	14.70 0.12 -0.04	15.29 0.09 -0.04	15.62 0.00 -0.32	15.74 -0.03 -0.37	15.66 -0.15 -0.44	16.00 -0.24 -0.47	17.44 -0.35 -0.20	18.91 -0.23 -0.10	20.60 0.02 0.00	22.14 0.02 0.00	24.27 0.31 0.00	25.26 0.18 0.00	27.32 -0.27 -0.49	30.57 -0.40 -0.58	29.02 0.21 -2.56	27.65 0.26 -1.14	26.55 0.23 -1.07	24.47 0.26 -0.65	20.17 0.00 -0.55	18.72 -0.11 -0.57
ELBRIDGE_115KV_TB2 80188	18.26 -0.05 -0.07	15.41 -0.09 -0.25	15.34 -0.08 -0.10	14.69 -0.07 -0.04	14.46 -0.10 -0.02	15.09 -0.09 -0.02	15.37 -0.11 -0.17	15.51 -0.09 -0.20	15.50 -0.11 -0.23	15.91 -0.11 -0.25	17.54 -0.16 -0.11	18.98 -0.11 -0.05	20.50 -0.08 0.00	22.01 -0.11 0.00	23.96 0.00 0.00	24.98 -0.10 0.00	27.18 -0.19 -0.26	30.33 -0.33 -0.28	27.38 -0.11 -1.23	26.71 -0.08 -0.55	25.70 -0.08 -0.51	23.83 -0.05 -0.31	19.81 -0.08 -0.26	18.55 -0.02 -0.30
ELEC_TRO_TEK 24086	26.24 1.39 -6.61	24.74 1.16 -8.33	21.52 1.15 -5.06	20.02 1.10 -4.19	19.59 1.11 -3.94	18.38 1.14 -2.08	18.01 1.19 -1.52	24.54 1.23 -7.91	25.87 1.28 -9.22	27.49 1.34 -10.37	29.11 1.51 -10.01	30.03 1.73 -9.25	31.10 1.87 -8.64	33.07 2.10 -8.85	43.49 2.16 -17.38	39.10 2.38 -11.64	47.59 2.74 -17.74	49.73 2.86 -16.49	49.76 2.36 -21.15	42.10 2.39 -13.47	40.36 2.30 -12.80	36.48 2.10 -10.82	42.41 1.82 -20.97	30.13 1.50 -10.36
ELLENBURG_WT_PWR 323604	18.37 0.13 0.00	15.42 0.17 0.00	15.38 0.06 0.00	14.82 0.09 0.00	14.72 0.18 0.00	15.26 0.09 0.00	15.40 0.12 0.00	15.52 0.12 0.00	15.43 0.06 0.00	15.90 0.13 0.00	17.78 0.19 0.00	19.17 0.13 0.00	20.66 0.08 0.00	22.23 0.11 0.00	24.05 0.10 0.00	25.16 0.08 0.00	27.24 0.14 0.00	30.80 0.43 0.00	26.62 0.37 0.00	26.42 0.18 0.00	25.41 0.15 0.00	23.64 0.07 0.00	19.68 0.06 0.00	18.30 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.99 -0.36 -0.11	15.15 -0.47 -0.38	15.12 -0.35 -0.15	14.49 -0.29 -0.05	14.33 -0.25 -0.03	14.94 -0.26 -0.03	15.17 -0.38 -0.25	15.22 -0.48 -0.29	15.01 -0.71 -0.35	15.37 -0.77 -0.37	16.76 -0.98 -0.16	18.11 -1.01 -0.08	19.78 -0.80 0.00	21.21 -0.91 0.00	23.50 -0.46 0.00	24.18 -0.90 0.00	26.01 -1.49 -0.39	28.95 -1.88 -0.45	27.18 -1.05 -1.98	26.10 -1.02 -0.88	25.20 -0.88 -0.82	23.31 -0.75 -0.50	19.26 -0.78 -0.43	18.04 -0.68 -0.45
EMPIRE_CC_1 323656	19.71 0.69 -0.78	18.53 0.58 -2.70	17.03 0.61 -1.10	15.70 0.59 -0.38	15.33 0.58 -0.20	15.98 0.61 -0.20	17.66 0.55 -1.81	18.02 0.51 -2.11	18.42 0.54 -2.51	18.99 0.54 -2.68	19.37 0.63 -1.15	20.31 0.70 -0.57	21.30 0.72 0.00	22.94 0.82 0.00	24.72 0.77 0.00	25.68 0.83 0.23	30.35 1.00 -2.24	35.34 1.00 -3.96	42.88 0.84 -15.79	34.90 0.86 -7.80	33.40 0.86 -7.28	28.83 0.85 -4.42	24.12 0.75 -3.75	22.15 0.64 -3.25
EMPIRE_CC_2 323658	19.71 0.69 -0.78	18.53 0.58 -2.70	17.03 0.61 -1.10	15.70 0.59 -0.38	15.33 0.58 -0.20	15.98 0.61 -0.20	17.66 0.55 -1.81	18.02 0.51 -2.11	18.42 0.54 -2.51	18.99 0.54 -2.68	19.37 0.63 -1.15	20.31 0.70 -0.57	21.30 0.72 0.00	22.94 0.82 0.00	24.72 0.77 0.00	25.68 0.83 0.23	30.35 1.00 -2.24	35.34 1.00 -3.96	42.88 0.84 -15.79	34.90 0.86 -7.80	33.40 0.86 -7.28	28.83 0.85 -4.42	24.12 0.75 -3.75	22.15 0.64 -3.25
ENORWICH_115KV_TB1 80156	19.48 1.04 -0.20	16.70 0.76 -0.69	16.36 0.77 -0.28	15.55 0.72 -0.10	15.36 0.76 -0.05	16.02 0.80 -0.05	16.56 0.80 -0.46	16.72 0.79 -0.54	16.63 0.61 -0.64	17.05 0.60 -0.68	18.50 0.62 -0.29	20.06 0.88 -0.14	21.67 1.09 0.00	23.31 1.19 0.00	25.42 1.46 0.00	26.74 1.66 0.00	29.33 1.52 -0.71	33.25 1.76 -1.11	33.08 1.97 -4.86	30.54 2.13 -2.17	29.43 2.15 -2.03	26.89 2.10 -1.23	22.17 1.51 -1.04	20.41 1.31 -0.83

ERIE_ST__34_KV_TB1-2 80199	17.86 -0.49 -0.11	15.05 -0.59 -0.39	14.97 -0.51 -0.16	14.34 -0.44 -0.05	14.43 -0.15 -0.03	14.92 -0.27 -0.03	15.06 -0.51 -0.26	15.12 -0.59 -0.31	14.92 -0.81 -0.36	15.28 -0.88 -0.39	16.68 -1.07 -0.17	18.04 -1.09 -0.08	19.96 -0.62 0.00	21.39 -0.73 0.00	23.69 -0.26 0.00	24.45 -0.63 0.00	26.02 -1.49 -0.40	29.36 -1.49 -0.47	27.55 -0.76 -2.06	26.45 -0.71 -0.92	25.51 -0.61 -0.86	23.57 -0.52 -0.52	19.47 -0.59 -0.44	17.98 -0.75 -0.47
ERIE_WT_PWR 323693	18.03 -0.33 -0.11	15.19 -0.44 -0.39	15.20 -0.28 -0.16	14.55 -0.24 -0.05	14.40 -0.17 -0.03	14.98 -0.21 -0.03	15.20 -0.37 -0.26	15.26 -0.45 -0.30	15.11 -0.62 -0.36	15.41 -0.74 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.90 -0.68 0.00	21.32 -0.80 0.00	23.48 -0.48 0.00	24.33 -0.75 0.00	26.09 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.31 -0.84 -0.91	25.37 -0.73 -0.85	23.47 -0.61 -0.51	19.39 -0.67 -0.44	18.09 -0.64 -0.46
ESPRGFLD_115KV_TB1 80157	19.11 0.99 0.12	15.61 0.76 0.41	15.91 0.77 0.17	15.39 0.72 0.06	15.24 0.73 0.03	15.92 0.79 0.03	15.83 0.80 0.27	15.90 0.82 0.32	15.76 0.77 0.38	16.14 0.77 0.40	18.28 0.86 0.17	20.00 1.05 0.09	21.77 1.19 0.00	23.44 1.33 0.00	25.42 1.46 0.00	26.63 1.61 0.06	28.20 1.65 0.56	37.86 1.91 -5.57	52.16 1.89 -24.01	39.13 1.97 -10.92	37.40 1.95 -10.19	31.55 1.79 -6.19	26.27 1.39 -5.25	18.96 1.19 0.49
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.72 0.33 -0.15	15.97 0.21 -0.51	15.74 0.21 -0.21	15.00 0.21 -0.07	14.79 0.20 -0.04	15.43 0.23 -0.04	15.86 0.21 -0.34	16.00 0.20 -0.40	16.00 0.15 -0.47	16.42 0.14 -0.50	17.91 0.11 -0.21	19.36 0.21 -0.11	20.87 0.29 0.00	22.43 0.31 0.00	24.43 0.48 0.00	25.56 0.48 0.00	28.04 0.41 -0.52	31.43 0.39 -0.66	29.76 0.63 -2.88	28.23 0.71 -1.29	27.17 0.71 -1.20	24.98 0.68 -0.73	20.73 0.49 -0.62	19.29 0.42 -0.61
ETNA____115KV_TB2 80207	18.72 0.33 -0.15	15.97 0.21 -0.51	15.74 0.21 -0.21	15.00 0.21 -0.07	14.79 0.20 -0.04	15.43 0.23 -0.04	15.86 0.21 -0.34	16.00 0.20 -0.40	16.00 0.15 -0.47	16.42 0.14 -0.50	17.91 0.11 -0.21	19.36 0.21 -0.11	20.87 0.29 0.00	22.43 0.31 0.00	24.43 0.48 0.00	25.56 0.48 0.00	28.04 0.41 -0.52	31.43 0.39 -0.66	29.76 0.63 -2.88	28.23 0.71 -1.29	27.17 0.71 -1.20	24.98 0.68 -0.73	20.73 0.49 -0.62	19.29 0.42 -0.61
EUCLID____115KV_TB2 356179	18.14 -0.16 -0.06	15.27 -0.18 -0.20	15.23 -0.17 -0.08	14.59 -0.16 -0.03	14.37 -0.19 -0.02	15.00 -0.18 -0.02	15.26 -0.18 -0.13	15.37 -0.18 -0.16	15.36 -0.20 -0.19	15.77 -0.21 -0.20	17.41 -0.26 -0.09	18.83 -0.25 -0.04	20.33 -0.25 0.00	21.83 -0.29 0.00	23.74 -0.22 0.00	24.78 -0.30 0.00	26.91 -0.41 -0.21	29.80 -0.58 0.00	25.91 -0.34 0.00	25.92 -0.31 0.00	24.96 -0.30 0.00	23.31 -0.26 0.00	19.38 -0.24 0.00	18.34 -0.16 -0.24
E_CANADA_CAP_HY 24051	20.56 1.31 -1.01	19.79 1.04 -3.50	17.79 1.04 -1.43	16.22 1.00 -0.49	15.80 0.99 -0.26	16.51 1.08 -0.26	18.70 1.06 -2.34	19.20 1.06 -2.74	19.64 1.01 -3.25	20.27 1.02 -3.47	20.20 1.13 -1.49	21.09 1.31 -0.74	22.04 1.46 0.00	23.73 1.61 0.00	25.70 1.75 0.00	26.90 1.91 0.08	32.60 2.09 -3.40	39.73 2.49 -6.86	58.21 2.44 -29.52	42.19 2.49 -13.46	40.25 2.43 -12.56	33.41 2.21 -7.63	27.84 1.75 -6.48	23.99 1.51 -4.21
E_CANADA_MHWK_HY 24050	18.35 0.11 0.00	15.33 0.08 0.00	15.39 0.08 0.00	14.79 0.06 0.00	14.61 0.06 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.45 0.05 0.00	15.42 0.05 0.00	15.82 0.05 0.00	17.66 0.07 0.00	19.15 0.11 0.00	20.72 0.15 0.00	22.27 0.16 0.00	24.12 0.17 0.00	25.28 0.20 0.00	27.24 0.14 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.32 0.08 0.00	25.26 0.00 0.00	23.52 -0.05 0.00	19.50 -0.12 0.00	18.10 -0.16 0.00
E_FISHKILL____LBMP 23776	19.93 1.02 -0.67	18.42 0.85 -2.31	17.12 0.86 -0.94	15.88 0.82 -0.32	15.54 0.81 -0.17	16.18 0.83 -0.17	17.74 0.89 -1.55	18.12 0.91 -1.81	18.47 0.95 -2.15	19.06 0.99 -2.30	19.75 1.18 -0.98	20.88 1.35 -0.49	22.04 1.46 0.00	23.75 1.64 0.00	25.58 1.63 0.00	27.05 1.81 -0.16	31.95 2.09 -2.76	35.33 2.16 -2.80	41.40 1.79 -13.36	33.50 1.81 -5.45	32.06 1.72 -5.08	28.26 1.60 -3.09	23.61 1.37 -2.62	22.14 1.10 -2.78
FALCON____SEABRD_CC1 323796	18.55 0.31 0.00	15.59 0.34 0.00	15.53 0.21 0.00	14.96 0.23 0.00	14.88 0.33 0.00	15.41 0.24 0.00	15.55 0.24 0.00	15.69 0.29 0.00	15.59 0.22 0.00	16.06 0.28 0.00	17.98 0.39 0.00	19.38 0.34 0.00	20.87 0.29 0.00	22.47 0.35 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.54 0.43 0.00	31.14 0.76 0.00	26.93 0.68 0.00	26.71 0.47 0.00	25.72 0.46 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
FALCON____SEABRD_CC2 323797	18.55 0.31 0.00	15.59 0.34 0.00	15.53 0.21 0.00	14.96 0.23 0.00	14.88 0.33 0.00	15.41 0.24 0.00	15.55 0.24 0.00	15.69 0.29 0.00	15.59 0.22 0.00	16.06 0.28 0.00	17.98 0.39 0.00	19.38 0.34 0.00	20.87 0.29 0.00	22.47 0.35 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.54 0.43 0.00	31.14 0.76 0.00	26.93 0.68 0.00	26.71 0.47 0.00	25.72 0.46 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
FAR ROCKAWAY____4 23548	26.51 1.66 -6.61	24.95 1.37 -8.33	21.74 1.36 -5.06	20.23 1.31 -4.19	19.78 1.29 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.74 1.43 -7.91	26.07 1.48 -9.22	27.69 1.55 -10.37	29.38 1.78 -10.01	30.29 2.00 -9.25	31.40 2.18 -8.64	33.40 2.43 -8.85	43.64 2.30 -17.38	39.30 2.58 -11.64	47.81 2.95 -17.74	49.97 3.10 -16.49	50.00 2.60 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.65 2.26 -10.82	42.74 2.16 -20.97	30.42 1.79 -10.36
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.10 1.20 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.32 0.99 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.15 2.03 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.10 1.20 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.32 0.99 -0.17	17.88 1.06 -1.51	18.28 1.11 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.15 2.03 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.55 1.96 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.08 1.19 -0.65	18.51 0.99 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.61 1.14 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.53 2.18 -13.10	33.79 2.20 -5.34	32.37 2.12 -4.99	28.53 1.93 -3.03	23.88 1.69 -2.57	22.32 1.33 -2.73

FARRAGUT___LBMP 323566	20.08 1.19 -0.65	18.51 0.99 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.31 0.97 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.23 1.21 -2.25	19.98 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	25.99 2.04 0.00	27.49 2.26 -0.16	32.41 2.60 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.32 1.33 -2.73
FENNER___WINDPWR 24204	18.60 0.27 -0.08	15.71 0.18 -0.28	15.63 0.20 -0.11	14.94 0.18 -0.04	14.74 0.18 -0.02	15.38 0.20 -0.02	15.68 0.18 -0.19	15.80 0.19 -0.22	15.78 0.15 -0.26	16.19 0.14 -0.28	17.85 0.14 -0.12	19.33 0.23 -0.06	20.89 0.31 0.00	22.45 0.33 0.00	24.39 0.43 0.00	25.56 0.48 0.00	27.77 0.38 -0.29	31.09 0.39 -0.32	28.16 0.52 -1.38	27.43 0.58 -0.62	26.42 0.58 -0.58	24.50 0.59 -0.35	20.35 0.43 -0.30	19.00 0.40 -0.33
FIBERTEK___ENERGY 23856	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.38 -0.03 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.55 -0.05 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.07 0.12 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
FITZPATRICK____ 23598	17.88 -0.40 -0.04	15.03 -0.37 -0.14	15.02 -0.35 -0.06	14.41 -0.34 -0.02	14.20 -0.36 -0.01	14.81 -0.36 -0.01	15.03 -0.37 -0.10	15.14 -0.37 -0.11	15.12 -0.38 -0.13	15.52 -0.39 -0.14	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.47 -0.64 0.00	23.31 -0.65 0.00	24.38 -0.70 0.00	26.44 -0.81 -0.15	29.38 -1.00 0.00	25.49 -0.76 0.00	25.50 -0.73 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.17
FLOWRFLD_69_KV_BK1 356044	26.36 1.51 -6.61	24.86 1.28 -8.33	21.67 1.30 -5.06	20.19 1.27 -4.19	19.75 1.27 -3.94	18.58 1.33 -2.08	18.21 1.39 -1.52	24.71 1.40 -7.91	25.99 1.40 -9.22	27.63 1.48 -10.37	29.18 1.58 -10.01	30.12 1.83 -9.25	31.26 2.04 -8.64	33.24 2.28 -8.85	43.76 2.42 -17.38	39.48 2.76 -11.64	47.83 2.98 -17.74	50.03 3.16 -16.49	50.03 2.63 -21.15	42.36 2.65 -13.47	40.77 2.70 -12.80	36.84 2.45 -10.82	42.57 1.98 -20.97	30.27 1.64 -10.36
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.01 1.11 -0.65	18.43 0.90 -2.28	17.15 0.90 -0.93	15.90 0.85 -0.32	15.58 0.86 -0.17	16.22 0.88 -0.17	17.76 0.93 -1.52	18.12 0.94 -1.78	18.49 1.00 -2.12	19.07 1.04 -2.26	19.79 1.23 -0.97	21.00 1.49 -0.48	22.27 1.69 0.00	24.02 1.90 0.00	25.90 1.94 0.00	27.34 2.13 -0.12	32.24 2.49 -2.64	35.79 2.64 -2.77	41.41 2.15 -13.00	33.77 2.13 -5.40	32.30 2.00 -5.04	28.47 1.84 -3.06	23.75 1.53 -2.60	22.23 1.22 -2.74
FORT ORANGE____ 23900	19.63 0.58 -0.80	18.51 0.47 -2.79	16.98 0.52 -1.14	15.63 0.52 -0.39	15.27 0.51 -0.21	15.91 0.53 -0.21	17.63 0.46 -1.87	18.07 0.49 -2.18	18.49 0.52 -2.59	19.08 0.54 -2.77	19.41 0.63 -1.18	20.31 0.68 -0.59	21.34 0.76 0.00	22.98 0.86 0.00	24.79 0.84 0.00	25.94 0.98 0.12	30.86 1.16 -2.59	36.93 1.22 -5.33	49.84 1.02 -22.57	37.73 1.02 -10.47	36.01 0.98 -9.77	30.42 0.92 -5.93	25.42 0.76 -5.04	22.26 0.64 -3.36
FORT_DRUM_COGEN 23780	18.62 0.35 -0.03	15.58 0.21 -0.12	15.58 0.21 -0.05	14.94 0.19 -0.02	14.77 0.22 -0.01	15.40 0.23 -0.01	15.59 0.20 -0.08	15.65 0.15 -0.09	15.55 0.06 -0.11	15.94 0.05 -0.12	17.68 0.04 -0.05	19.22 0.15 -0.03	20.76 0.19 0.00	22.29 0.18 0.00	24.22 0.26 0.00	25.43 0.35 0.00	27.45 0.22 -0.12	30.77 0.39 0.00	26.91 0.66 0.00	26.97 0.73 0.00	26.09 0.83 0.00	24.55 0.99 0.00	20.31 0.69 0.00	19.03 0.62 -0.14
FPL_FAR_ROCK_GT1 24212	26.51 1.66 -6.61	24.95 1.37 -8.33	21.74 1.36 -5.06	20.23 1.31 -4.19	19.78 1.29 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.74 1.43 -7.91	26.08 1.49 -9.22	27.69 1.55 -10.37	29.38 1.78 -10.01	30.29 2.00 -9.25	31.40 2.18 -8.64	33.40 2.43 -8.85	43.66 2.32 -17.38	39.30 2.58 -11.64	47.78 2.93 -17.74	50.00 3.13 -16.49	50.00 2.60 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.65 2.26 -10.82	42.78 2.20 -20.97	30.42 1.79 -10.36
FPL_FAR_ROCK_GT2 23815	26.51 1.66 -6.61	24.95 1.37 -8.33	21.74 1.36 -5.06	20.23 1.31 -4.19	19.78 1.29 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.74 1.43 -7.91	26.08 1.49 -9.22	27.69 1.55 -10.37	29.38 1.78 -10.01	30.29 2.00 -9.25	31.40 2.18 -8.64	33.40 2.43 -8.85	43.66 2.32 -17.38	39.30 2.58 -11.64	47.78 2.93 -17.74	50.00 3.13 -16.49	50.00 2.60 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.65 2.26 -10.82	42.78 2.20 -20.97	30.42 1.79 -10.36
FRANKLIN_FALL_HYD 24054	18.39 0.15 0.00	15.45 0.20 0.00	15.42 0.11 0.00	14.83 0.10 0.00	14.75 0.20 0.00	15.27 0.11 0.00	15.41 0.11 0.00	15.57 0.17 0.00	15.49 0.12 0.00	15.93 0.16 0.00	17.82 0.23 0.00	19.21 0.17 0.00	20.68 0.10 0.00	22.27 0.15 0.00	24.07 0.12 0.00	25.21 0.13 0.00	27.30 0.19 0.00	30.90 0.52 0.00	26.72 0.47 0.00	26.53 0.29 0.00	25.54 0.28 0.00	23.73 0.16 0.00	19.76 0.14 0.00	18.37 0.11 0.00
FREEPORT_EQUS_GT1 23764	26.36 1.51 -6.61	24.85 1.27 -8.33	21.63 1.26 -5.06	20.13 1.21 -4.19	19.69 1.21 -3.94	18.47 1.23 -2.08	18.11 1.29 -1.52	24.65 1.34 -7.91	25.96 1.37 -9.22	27.58 1.44 -10.37	29.22 1.62 -10.01	30.14 1.85 -9.25	31.22 2.00 -8.64	33.20 2.23 -8.85	43.68 2.35 -17.38	39.22 2.51 -11.63	47.67 2.82 -17.74	49.88 3.01 -16.49	49.89 2.50 -21.15	42.23 2.52 -13.47	40.51 2.45 -12.80	36.67 2.29 -10.82	42.59 2.00 -20.97	30.27 1.64 -10.36
FREEPORT___CT2 23818	26.36 1.51 -6.61	24.85 1.27 -8.33	21.63 1.26 -5.06	20.13 1.21 -4.19	19.69 1.21 -3.94	18.47 1.23 -2.08	18.11 1.29 -1.52	24.65 1.34 -7.91	25.96 1.37 -9.22	27.58 1.44 -10.37	29.22 1.62 -10.01	30.14 1.85 -9.25	31.22 2.00 -8.64	33.20 2.23 -8.85	43.68 2.35 -17.38	39.22 2.51 -11.63	47.67 2.82 -17.74	49.88 3.01 -16.49	49.89 2.50 -21.15	42.23 2.52 -13.47	40.51 2.45 -12.80	36.67 2.29 -10.82	42.59 2.00 -20.97	30.27 1.64 -10.36
FRESHKLS_33_KV_LOAD 356253	20.03 1.13 -0.65	18.41 0.90 -2.26	17.11 0.87 -0.93	15.90 0.85 -0.32	15.58 0.86 -0.17	16.13 0.79 -0.17	17.66 0.84 -1.51	18.04 0.88 -1.76	18.39 0.92 -2.10	19.05 1.04 -2.24	19.81 1.27 -0.95	20.97 1.47 -0.47	22.18 1.61 0.01	23.97 1.86 0.01	25.84 1.89 0.01	27.34 2.11 -0.15	32.35 2.55 -2.69	35.72 2.61 -2.73	41.65 2.31 -13.09	33.67 2.10 -5.34	32.28 2.05 -4.98	28.38 1.79 -3.03	23.84 1.65 -2.57	22.29 1.30 -2.73
FULTON COGEN____ 23766	18.15 -0.15 -0.05	15.27 -0.17 -0.19	15.24 -0.15 -0.08	14.61 -0.15 -0.03	14.39 -0.17 -0.01	15.01 -0.17 -0.01	15.26 -0.17 -0.13	15.38 -0.17 -0.15	15.36 -0.18 -0.17	15.77 -0.19 -0.19	17.42 -0.25 -0.08	18.83 -0.25 -0.04	20.35 -0.23 0.00	21.83 -0.29 0.00	23.74 -0.22 0.00	24.78 -0.30 0.00	26.92 -0.38 -0.19	29.83 -0.55 0.00	25.94 -0.32 0.00	25.95 -0.29 0.00	25.01 -0.25 0.00	23.33 -0.24 0.00	19.40 -0.22 0.00	18.36 -0.13 -0.23



FULTON___LFGE 323630	21.12 1.93 -0.95	20.06 1.52 -3.29	18.16 1.50 -1.34	16.63 1.44 -0.46	16.21 1.41 -0.25	16.98 1.56 -0.25	19.01 1.50 -2.20	19.47 1.49 -2.57	19.83 1.40 -3.06	20.40 1.36 -3.27	20.46 1.48 -1.40	21.41 1.68 -0.69	22.41 1.83 0.00	24.13 2.01 0.00	26.16 2.20 0.00	27.42 2.43 0.09	33.09 2.82 -3.16	41.38 3.58 -7.42	61.83 3.70 -31.87	44.57 3.78 -14.55	42.47 3.64 -13.57	35.11 3.30 -8.25	29.19 2.57 -7.00	24.49 2.26 -3.96
G.F.CEMENT___DRP 24184	20.59 1.51 -0.83	19.35 1.20 -2.90	17.68 1.18 -1.18	16.27 1.13 -0.41	15.89 1.12 -0.22	16.60 1.21 -0.22	18.42 1.18 -1.94	18.87 1.20 -2.27	19.33 1.26 -2.69	19.98 1.32 -2.88	20.23 1.41 -1.23	21.21 1.56 -0.61	22.29 1.71 0.00	23.86 1.75 0.00	25.73 1.77 0.00	26.47 1.53 0.14	31.68 1.92 -2.65	40.57 2.31 -7.88	61.99 2.15 -33.59	43.83 2.13 -15.47	41.74 2.05 -14.43	34.19 1.86 -8.77	28.55 1.49 -7.44	23.42 1.66 -3.49
GARDENVILLE___LBMP 24039	17.99 -0.36 -0.11	15.16 -0.47 -0.38	15.12 -0.35 -0.16	14.47 -0.31 -0.05	14.36 -0.22 -0.03	14.95 -0.24 -0.03	15.16 -0.40 -0.26	15.22 -0.48 -0.30	15.04 -0.69 -0.36	15.38 -0.77 -0.38	16.78 -0.97 -0.16	18.15 -0.97 -0.08	19.84 -0.74 0.00	21.28 -0.84 0.00	23.57 -0.38 0.00	24.28 -0.80 0.00	26.07 -1.44 -0.40	29.08 -1.76 -0.46	27.30 -0.97 -2.02	26.22 -0.92 -0.90	25.30 -0.81 -0.84	23.39 -0.68 -0.51	19.33 -0.73 -0.43	18.05 -0.68 -0.46
GARDNVLA_35_KV_LD 355827	18.04 -0.31 -0.11	15.21 -0.43 -0.39	15.15 -0.32 -0.16	14.52 -0.27 -0.05	14.42 -0.16 -0.03	15.00 -0.20 -0.03	15.21 -0.35 -0.26	15.27 -0.43 -0.30	15.08 -0.65 -0.36	15.43 -0.73 -0.38	16.82 -0.93 -0.16	18.19 -0.93 -0.08	19.92 -0.66 0.00	21.36 -0.75 0.00	23.67 -0.29 0.00	24.38 -0.70 0.00	26.15 -1.36 -0.40	29.20 -1.64 -0.46	27.45 -0.84 -2.04	26.33 -0.81 -0.91	25.40 -0.71 -0.85	23.49 -0.59 -0.52	19.41 -0.65 -0.44	18.13 -0.60 -0.46
GELCKHM___115KV_LOAD 80723	18.18 -0.13 -0.06	15.33 -0.14 -0.21	15.26 -0.14 -0.09	14.63 -0.13 -0.03	14.42 -0.15 -0.02	15.05 -0.14 -0.02	15.30 -0.15 -0.14	15.43 -0.14 -0.17	15.42 -0.15 -0.20	15.83 -0.16 -0.21	17.47 -0.21 -0.09	18.89 -0.19 -0.05	20.41 -0.16 0.00	21.92 -0.20 0.00	23.84 -0.12 0.00	24.88 -0.20 0.00	27.03 -0.30 -0.22	30.15 -0.46 -0.23	27.02 -0.24 -1.00	26.48 -0.21 -0.45	25.48 -0.20 -0.42	23.65 -0.16 -0.25	19.68 -0.16 -0.22	18.43 -0.09 -0.26
GENERAL___MILLS 23808	18.01 -0.35 -0.11	15.18 -0.46 -0.39	15.14 -0.34 -0.16	14.49 -0.29 -0.05	14.39 -0.19 -0.03	14.98 -0.21 -0.03	15.18 -0.38 -0.26	15.26 -0.45 -0.30	15.05 -0.68 -0.36	15.40 -0.76 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.88 -0.70 0.00	21.32 -0.80 0.00	23.62 -0.34 0.00	24.33 -0.75 0.00	26.10 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.28 -0.87 -0.91	25.35 -0.76 -0.85	23.44 -0.64 -0.51	19.37 -0.69 -0.44	18.09 -0.64 -0.46
GE_PLASTICS___DRP 24183	19.61 0.57 -0.80	18.51 0.47 -2.79	16.96 0.51 -1.14	15.60 0.49 -0.39	15.25 0.49 -0.21	15.89 0.52 -0.21	17.65 0.47 -1.87	18.08 0.49 -2.18	18.47 0.51 -2.59	19.06 0.52 -2.77	19.39 0.62 -1.19	20.31 0.69 -0.59	21.32 0.74 0.00	22.96 0.84 0.00	24.75 0.79 0.00	25.89 0.90 0.10	30.81 1.06 -2.64	36.34 1.09 -4.87	47.85 0.92 -20.68	36.71 0.92 -9.55	35.08 0.91 -8.91	29.83 0.85 -5.42	24.94 0.73 -4.60	22.23 0.60 -3.36
GILBOA___1 23756	19.50 0.62 -0.64	17.97 0.50 -2.21	16.74 0.52 -0.90	15.54 0.50 -0.31	15.21 0.49 -0.17	15.85 0.52 -0.17	17.31 0.52 -1.48	17.66 0.52 -1.73	17.97 0.54 -2.06	18.52 0.55 -2.20	19.18 0.65 -0.94	20.25 0.74 -0.47	21.38 0.80 0.00	23.02 0.91 0.00	24.89 0.93 0.00	26.09 1.00 0.00	30.53 1.14 -2.28	33.98 1.12 -2.47	38.06 0.97 -10.83	32.08 1.00 -4.84	30.79 1.01 -4.52	27.25 0.94 -2.74	22.75 0.80 -2.33	21.59 0.66 -2.67
GILBOA___2 23757	19.50 0.62 -0.64	17.97 0.50 -2.21	16.74 0.52 -0.90	15.54 0.50 -0.31	15.21 0.49 -0.17	15.85 0.52 -0.17	17.31 0.52 -1.48	17.66 0.52 -1.73	17.97 0.54 -2.06	18.52 0.55 -2.20	19.18 0.65 -0.94	20.25 0.74 -0.47	21.38 0.80 0.00	23.02 0.91 0.00	24.89 0.93 0.00	26.09 1.00 0.00	30.53 1.14 -2.28	33.98 1.12 -2.47	38.06 0.97 -10.83	32.08 1.00 -4.84	30.79 1.01 -4.52	27.25 0.94 -2.74	22.75 0.80 -2.33	21.59 0.66 -2.67
GILBOA___3 23758	19.50 0.62 -0.64	17.97 0.50 -2.21	16.74 0.52 -0.90	15.54 0.50 -0.31	15.21 0.49 -0.17	15.85 0.52 -0.17	17.31 0.52 -1.48	17.66 0.52 -1.73	17.97 0.54 -2.06	18.52 0.55 -2.20	19.18 0.65 -0.94	20.25 0.74 -0.47	21.38 0.80 0.00	23.02 0.91 0.00	24.89 0.93 0.00	26.09 1.00 0.00	30.53 1.14 -2.28	33.98 1.12 -2.47	38.06 0.97 -10.83	32.08 1.00 -4.84	30.79 1.01 -4.52	27.25 0.94 -2.74	22.75 0.80 -2.33	21.59 0.66 -2.67
GILBOA___4 23759	19.50 0.62 -0.64	17.97 0.50 -2.21	16.74 0.52 -0.90	15.54 0.50 -0.31	15.21 0.49 -0.17	15.85 0.52 -0.17	17.31 0.52 -1.48	17.66 0.52 -1.73	17.97 0.54 -2.06	18.52 0.55 -2.20	19.18 0.65 -0.94	20.25 0.74 -0.47	21.38 0.80 0.00	23.02 0.91 0.00	24.89 0.93 0.00	26.09 1.00 0.00	30.53 1.14 -2.28	33.98 1.12 -2.47	38.06 0.97 -10.83	32.08 1.00 -4.84	30.79 1.01 -4.52	27.25 0.94 -2.74	22.75 0.80 -2.33	21.59 0.66 -2.67
GILBOA___ 23599	19.50 0.62 -0.64	17.97 0.50 -2.21	16.74 0.52 -0.90	15.54 0.50 -0.31	15.21 0.49 -0.17	15.85 0.52 -0.17	17.31 0.52 -1.48	17.66 0.52 -1.73	17.97 0.54 -2.06	18.52 0.55 -2.20	19.18 0.65 -0.94	20.25 0.74 -0.47	21.38 0.80 0.00	23.02 0.91 0.00	24.87 0.91 0.00	26.09 1.00 0.00	30.47 1.08 -2.28	33.97 1.12 -2.47	38.06 0.97 -10.84	32.08 1.00 -4.84	30.79 1.01 -4.52	27.25 0.94 -2.74	22.75 0.80 -2.33	21.59 0.66 -2.67
GINNA___ 23603	17.34 -0.99 -0.08	14.61 -0.91 -0.27	14.60 -0.83 -0.11	13.94 -0.82 -0.04	13.65 -0.92 -0.02	14.29 -0.89 -0.02	14.59 -0.90 -0.18	14.71 -0.91 -0.21	14.71 -0.92 -0.26	15.05 -0.99 -0.27	16.53 -1.18 -0.12	17.90 -1.20 -0.06	19.28 -1.30 0.00	20.72 -1.39 0.00	22.71 -1.25 0.00	23.63 -1.46 0.00	25.71 -1.68 -0.28	28.41 -2.28 -0.31	25.99 -1.63 -1.37	25.27 -1.57 -0.61	24.29 -1.54 -0.57	22.52 -1.39 -0.35	18.64 -1.27 -0.29	17.55 -1.04 -0.33
GLEN PARK___ 23778	18.70 0.42 -0.04	15.65 0.27 -0.12	15.64 0.28 -0.05	15.00 0.25 -0.02	14.83 0.28 -0.01	15.45 0.27 -0.01	15.65 0.26 -0.08	15.70 0.20 -0.10	15.60 0.11 -0.12	15.99 0.10 -0.12	17.71 0.07 -0.05	19.27 0.21 -0.03	20.85 0.27 0.00	22.36 0.24 0.00	24.29 0.34 0.00	25.53 0.45 0.00	27.54 0.30 -0.13	30.86 0.48 0.00	27.04 0.79 0.00	27.10 0.86 0.00	26.24 0.98 0.00	24.74 1.18 0.00	20.42 0.80 0.00	19.14 0.73 -0.15
GLENDALE_27_KV_LOAD 356172	20.17 1.28 -0.65	18.57 1.05 -2.26	17.27 1.03 -0.93	16.06 1.02 -0.32	15.74 1.02 -0.17	16.34 1.00 -0.17	17.89 1.07 -1.51	18.28 1.11 -1.77	18.63 1.15 -2.10	19.27 1.25 -2.25	20.03 1.48 -0.96	21.23 1.71 -0.48	22.43 1.85 0.00	24.22 2.10 0.00	26.11 2.16 0.00	27.59 2.36 -0.16	32.57 2.77 -2.70	35.95 2.83 -2.74	41.71 2.36 -13.10	33.89 2.31 -5.34	32.47 2.22 -4.99	28.60 2.00 -3.03	23.99 1.80 -2.57	22.43 1.44 -2.73

GLENWOOD_IC_1_G5 23712	26.22 1.37 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.35 1.11 -2.08	17.98 1.16 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.47 1.32 -10.37	29.15 1.55 -10.01	30.06 1.77 -9.25	31.16 1.93 -8.64	33.13 2.17 -8.85	43.59 2.25 -17.38	39.03 2.31 -11.64	47.51 2.66 -17.74	49.60 2.73 -16.49	49.66 2.26 -21.15	42.00 2.28 -13.47	40.23 2.17 -12.80	36.37 1.98 -10.82	42.41 1.82 -20.97	30.13 1.50 -10.36
GLENWOOD_IC_2_G1 23688	26.13 1.28 -6.61	24.63 1.05 -8.33	21.43 1.06 -5.06	19.94 1.02 -4.19	19.50 1.02 -3.94	18.27 1.03 -2.08	17.92 1.10 -1.52	24.45 1.14 -7.91	25.77 1.18 -9.22	27.39 1.25 -10.37	29.06 1.46 -10.01	29.97 1.68 -9.25	31.03 1.81 -8.64	33.00 2.03 -8.85	43.45 2.11 -17.38	39.00 2.28 -11.64	47.43 2.58 -17.74	49.61 2.74 -16.49	49.66 2.26 -21.15	41.99 2.28 -13.47	40.26 2.20 -12.80	36.39 2.00 -10.82	42.31 1.73 -20.97	30.01 1.39 -10.36
GLENWOOD_IC_3_G1 23689	26.13 1.28 -6.61	24.63 1.05 -8.33	21.43 1.06 -5.06	19.94 1.02 -4.19	19.50 1.02 -3.94	18.27 1.03 -2.08	17.92 1.10 -1.52	24.45 1.14 -7.91	25.77 1.18 -9.22	27.39 1.25 -10.37	29.06 1.46 -10.01	29.97 1.68 -9.25	31.03 1.81 -8.64	33.00 2.03 -8.85	43.45 2.11 -17.38	39.00 2.28 -11.64	47.43 2.58 -17.74	49.61 2.74 -16.49	49.66 2.26 -21.15	41.99 2.28 -13.47	40.26 2.20 -12.80	36.39 2.00 -10.82	42.31 1.73 -20.97	30.01 1.39 -10.36
GLENWOOD___4 23550	26.22 1.37 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.35 1.11 -2.08	17.98 1.16 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.47 1.32 -10.37	29.15 1.55 -10.01	30.06 1.77 -9.25	31.16 1.93 -8.64	33.13 2.17 -8.85	43.59 2.25 -17.38	39.08 2.36 -11.64	47.56 2.71 -17.74	49.70 2.83 -16.49	49.74 2.34 -21.15	42.05 2.34 -13.47	40.31 2.25 -12.80	36.44 2.05 -10.82	42.41 1.82 -20.97	30.13 1.50 -10.36
GLENWOOD___5 23614	26.22 1.37 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.35 1.11 -2.08	17.98 1.16 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.47 1.32 -10.37	29.15 1.55 -10.01	30.06 1.77 -9.25	31.16 1.93 -8.64	33.13 2.17 -8.85	43.59 2.25 -17.38	39.08 2.36 -11.64	47.56 2.71 -17.74	49.70 2.83 -16.49	49.74 2.34 -21.15	42.05 2.34 -13.47	40.31 2.25 -12.80	36.44 2.05 -10.82	42.41 1.82 -20.97	30.13 1.50 -10.36
GLOBAL GREEN_PORT_GT1 23814	26.82 1.97 -6.61	25.24 1.66 -8.33	22.03 1.65 -5.06	20.55 1.63 -4.19	20.13 1.64 -3.94	19.00 1.76 -2.08	18.64 1.82 -1.52	25.16 1.85 -7.91	26.44 1.84 -9.22	28.12 1.97 -10.37	29.73 2.13 -10.01	30.75 2.46 -9.25	31.98 2.76 -8.64	34.02 3.05 -8.85	44.64 3.31 -17.38	40.48 3.76 -11.64	49.02 4.17 -17.74	51.43 4.56 -16.49	51.26 3.86 -21.15	43.57 3.86 -13.47	41.72 3.66 -12.80	37.66 3.27 -10.82	43.23 2.65 -20.97	30.82 2.19 -10.36
GLOBE___DSASP 323697	17.71 -0.64 -0.10	14.99 -0.61 -0.35	14.98 -0.47 -0.14	14.38 -0.40 -0.05	14.11 -0.47 -0.03	14.77 -0.42 -0.03	14.98 -0.57 -0.24	14.86 -0.82 -0.28	14.66 -1.05 -0.33	14.97 -1.15 -0.35	16.30 -1.44 -0.15	17.61 -1.50 -0.07	19.10 -1.48 0.00	20.44 -1.68 0.00	22.73 -1.22 0.00	23.33 -1.76 0.00	25.17 -2.30 -0.36	27.85 -2.95 -0.42	26.08 -2.02 -1.85	25.12 -1.94 -0.83	24.29 -1.74 -0.77	22.48 -1.56 -0.47	18.60 -1.41 -0.40	17.65 -1.04 -0.43
GOETHSLN___LBMP 323567	20.01 1.11 -0.65	18.46 0.95 -2.26	17.16 0.92 -0.93	15.94 0.90 -0.32	15.62 0.90 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.58 1.11 -2.10	19.20 1.18 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.97 2.01 0.00	27.47 2.23 -0.16	32.36 2.55 -2.70	35.67 2.55 -2.74	41.40 2.05 -13.10	33.68 2.10 -5.34	32.29 2.05 -4.99	28.46 1.86 -3.03	23.82 1.63 -2.57	22.27 1.28 -2.73
GOLAH___69_KV_TB 1_2 80279	18.13 -0.20 -0.08	15.28 -0.26 -0.29	15.33 -0.11 -0.12	14.69 -0.07 -0.04	14.38 -0.19 -0.02	15.04 -0.15 -0.02	15.36 -0.14 -0.19	15.38 -0.25 -0.23	15.27 -0.37 -0.27	15.65 -0.41 -0.29	17.18 -0.53 -0.12	18.59 -0.51 -0.06	20.02 -0.56 0.00	21.52 -0.60 0.00	23.76 -0.19 0.00	24.66 -0.43 0.00	26.73 -0.68 -0.30	29.50 -1.22 -0.33	27.10 -0.60 -1.45	26.34 -0.55 -0.65	25.36 -0.51 -0.60	23.53 -0.40 -0.37	19.46 -0.47 -0.31	18.32 -0.29 -0.35
GOODYEAR_LAKE_HYD 323669	19.11 0.71 -0.16	16.34 0.55 -0.54	16.09 0.55 -0.22	15.33 0.53 -0.08	15.13 0.54 -0.04	15.78 0.58 -0.04	16.26 0.60 -0.36	16.44 0.62 -0.42	16.46 0.58 -0.50	16.91 0.60 -0.54	18.50 0.69 -0.23	20.01 0.86 -0.11	21.55 0.97 0.00	23.20 1.08 0.00	25.15 1.20 0.00	26.39 1.30 0.00	28.97 1.30 -0.56	34.86 1.43 -3.06	41.02 1.37 -13.40	33.64 1.42 -5.99	32.29 1.44 -5.59	28.30 1.34 -3.39	23.54 1.04 -2.88	19.79 0.88 -0.65
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.62 0.16 -0.21	16.05 0.08 -0.72	15.70 0.09 -0.30	14.92 0.09 -0.10	14.73 0.13 -0.05	15.34 0.12 -0.05	15.88 0.09 -0.48	16.06 0.09 -0.57	16.07 0.03 -0.67	16.51 0.02 -0.72	17.90 0.00 -0.31	19.27 0.08 -0.15	20.76 0.19 0.00	22.34 0.22 0.00	24.34 0.38 0.00	25.41 0.33 0.00	27.99 0.14 -0.74	31.43 0.09 -0.96	30.73 0.29 -4.19	28.48 0.37 -1.87	27.39 0.38 -1.75	25.00 0.38 -1.06	20.78 0.26 -0.90	19.30 0.16 -0.87
GOUDEY___7 23579	18.62 0.16 -0.21	16.05 0.08 -0.72	15.72 0.11 -0.30	14.93 0.10 -0.10	14.75 0.15 -0.05	15.36 0.14 -0.05	15.90 0.11 -0.48	16.08 0.11 -0.57	16.09 0.05 -0.67	16.52 0.03 -0.72	17.91 0.02 -0.31	19.29 0.10 -0.15	20.79 0.21 0.00	22.36 0.24 0.00	24.39 0.43 0.00	25.43 0.35 0.00	28.04 0.19 -0.74	31.46 0.12 -0.96	30.79 0.34 -4.19	28.51 0.39 -1.87	27.41 0.40 -1.75	25.03 0.40 -1.06	20.79 0.27 -0.90	19.32 0.18 -0.87
GOUDEY___8 23580	18.62 0.16 -0.21	16.05 0.08 -0.72	15.70 0.09 -0.30	14.92 0.09 -0.10	14.73 0.13 -0.05	15.34 0.12 -0.05	15.88 0.09 -0.48	16.06 0.09 -0.57	16.07 0.03 -0.67	16.51 0.02 -0.72	17.90 0.00 -0.31	19.27 0.08 -0.15	20.76 0.19 0.00	22.34 0.22 0.00	24.34 0.38 0.00	25.41 0.33 0.00	27.99 0.14 -0.74	31.43 0.09 -0.96	30.73 0.29 -4.19	28.48 0.37 -1.87	27.39 0.38 -1.75	25.00 0.38 -1.06	20.78 0.26 -0.90	19.30 0.16 -0.87
GOWANUS_GT1_1 24077	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT1_2 24078	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73

GOWANUS_GT1_3 24079	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT1_4 24080	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT1_5 24084	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT1_6 24111	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT1_7 24112	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT1_8 24113	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT2_1 24114	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT2_2 24115	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -																					

GOWANUS_GT3_2 24123	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT3_3 24124	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT3_4 24125	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT3_5 24126	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT3_6 24127	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT3_7 24128	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT3_8 24129	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GOWANUS_GT4_1 24130	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -																					

GREENBSH_115KV_TB3 55895	19.54 0.49 -0.81	18.46 0.41 -2.80	16.92 0.46 -1.14	15.58 0.46 -0.39	15.21 0.45 -0.21	15.85 0.47 -0.21	17.59 0.41 -1.87	18.04 0.45 -2.19	18.45 0.48 -2.60	19.03 0.47 -2.78	19.36 0.58 -1.19	20.24 0.61 -0.59	21.24 0.66 0.00	22.87 0.75 0.00	24.63 0.67 0.00	25.76 0.80 0.12	30.67 0.98 -2.59	36.83 1.00 -5.45	50.10 0.84 -23.01	37.77 0.84 -10.69	36.04 0.81 -9.98	30.40 0.78 -6.06	25.43 0.67 -5.14	22.17 0.53 -3.37
GREENDGE_115KV_TB5 80291	18.46 0.09 -0.13	15.67 -0.03 -0.45	15.50 0.00 -0.18	14.79 0.00 -0.06	14.60 0.01 -0.03	15.23 0.03 -0.03	15.59 -0.02 -0.30	15.74 -0.02 -0.35	15.68 -0.11 -0.42	16.08 -0.14 -0.45	17.57 -0.21 -0.19	19.02 -0.11 -0.09	20.60 0.02 0.00	22.16 0.04 0.00	24.29 0.34 0.00	25.28 0.20 0.00	27.52 -0.05 -0.46	30.72 -0.21 -0.56	28.95 0.26 -2.44	27.64 0.31 -1.09	26.58 0.30 -1.02	24.49 0.31 -0.62	20.26 0.12 -0.52	18.88 0.07 -0.54
GREENIDGE___3 23582	18.46 0.09 -0.13	15.67 -0.03 -0.45	15.50 0.00 -0.18	14.79 0.00 -0.06	14.60 0.01 -0.03	15.23 0.03 -0.03	15.59 -0.02 -0.30	15.74 -0.02 -0.35	15.68 -0.11 -0.42	16.08 -0.14 -0.45	17.57 -0.21 -0.19	19.02 -0.11 -0.09	20.60 0.02 0.00	22.16 0.04 0.00	24.29 0.34 0.00	25.28 0.20 0.00	27.52 -0.05 -0.46	30.72 -0.21 -0.56	28.95 0.26 -2.44	27.64 0.31 -1.09	26.58 0.30 -1.02	24.49 0.31 -0.62	20.26 0.12 -0.52	18.88 0.07 -0.54
GREENIDGE___4 23583	18.46 0.09 -0.13	15.67 -0.03 -0.45	15.53 0.03 -0.18	14.81 0.01 -0.06	14.60 0.01 -0.03	15.23 0.03 -0.03	15.59 -0.02 -0.30	15.74 -0.02 -0.35	15.71 -0.08 -0.42	16.08 -0.14 -0.45	17.57 -0.21 -0.19	19.02 -0.11 -0.09	20.60 0.02 0.00	22.16 0.04 0.00	24.22 0.26 0.00	25.28 0.20 0.00	27.52 -0.05 -0.46	30.69 -0.24 -0.56	28.95 0.26 -2.44	27.64 0.32 -1.09	26.58 0.30 -1.02	24.49 0.31 -0.62	20.26 0.12 -0.52	18.88 0.07 -0.54
GREENLWN_69_KV_BK 3 55738	26.25 1.40 -6.61	24.74 1.16 -8.33	21.54 1.16 -5.06	20.04 1.12 -4.19	19.60 1.12 -3.94	18.39 1.15 -2.08	18.03 1.21 -1.52	24.56 1.25 -7.91	25.88 1.29 -9.22	27.49 1.34 -10.37	29.06 1.46 -10.01	29.93 1.64 -9.25	30.95 1.73 -8.64	32.93 1.97 -8.85	43.35 2.01 -17.38	39.00 2.28 -11.64	47.48 2.63 -17.74	49.60 2.73 -16.49	49.63 2.23 -21.15	41.97 2.26 -13.47	40.23 2.17 -12.80	36.37 1.98 -10.82	42.25 1.67 -20.97	30.00 1.37 -10.36
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
GRISSOM___SOLAR 323813	21.12 1.93 -0.95	20.06 1.52 -3.29	18.16 1.50 -1.34	16.63 1.44 -0.46	16.21 1.41 -0.25	16.98 1.56 -0.25	19.01 1.50 -2.20	19.47 1.49 -2.57	19.83 1.40 -3.06	20.40 1.36 -3.27	20.46 1.48 -1.40	21.41 1.68 -0.69	22.41 1.83 0.00	24.13 2.01 0.00	26.16 2.20 0.00	27.42 2.43 0.09	33.09 2.82 -3.16	41.38 3.58 -7.42	61.83 3.70 -31.87	44.57 3.78 -14.55	42.47 3.64 -13.57	35.11 3.30 -8.25	29.19 2.57 -7.00	24.49 2.26 -3.96
GROVEVILLE___HYD 323602	20.01 1.11 -0.65	18.43 0.90 -2.28	17.15 0.90 -0.93	15.90 0.85 -0.32	15.58 0.86 -0.17	16.22 0.88 -0.17	17.76 0.93 -1.52	18.12 0.94 -1.78	18.49 1.00 -2.12	19.07 1.04 -2.26	19.79 1.23 -0.97	21.00 1.49 -0.48	22.27 1.69 0.00	24.02 1.90 0.00	25.90 1.94 0.00	27.34 2.13 -0.12	32.24 2.49 -2.64	35.79 2.64 -2.77	41.41 2.15 -13.00	33.77 2.13 -5.40	32.30 2.00 -5.04	28.47 1.84 -3.06	23.75 1.53 -2.60	22.23 1.22 -2.74
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.38 -0.03 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.55 -0.05 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.07 0.12 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
HAMLTNNY_34_KV_TB 80303	18.33 0.02 -0.07	15.47 -0.03 -0.25	15.40 -0.02 -0.10	14.73 -0.03 -0.04	14.52 -0.04 -0.02	15.16 -0.03 -0.02	15.43 -0.05 -0.17	15.57 -0.03 -0.20	15.58 -0.03 -0.23	15.99 -0.03 -0.25	17.63 -0.07 -0.11	19.07 -0.02 -0.05	20.62 0.04 0.00	22.14 0.02 0.00	24.12 0.17 0.00	25.16 0.08 0.00	27.34 -0.03 -0.26	30.48 -0.18 -0.28	27.54 0.05 -1.24	26.87 0.08 -0.55	25.85 0.08 -0.52	23.97 0.09 -0.31	19.92 0.04 -0.27	18.64 0.07 -0.30
HAMPSHIRE___PAPER_HYD 323593	18.32 0.05 -0.02	15.37 0.06 -0.06	15.36 0.02 -0.03	14.77 0.03 -0.01	14.63 0.07 0.00	15.19 0.02 0.00	15.36 0.02 -0.04	15.47 0.02 -0.05	15.35 -0.08 -0.06	15.77 -0.06 -0.06	17.55 -0.07 -0.03	19.01 -0.04 -0.01	20.52 -0.06 0.00	22.05 -0.07 0.00	23.88 -0.07 0.00	25.06 -0.03 0.00	27.09 -0.08 -0.07	30.50 0.12 0.00	26.49 0.24 0.00	26.45 0.21 0.00	25.56 0.30 0.00	23.92 0.35 0.00	19.86 0.24 0.00	18.56 0.22 -0.08
HARDSCRABBLE_WT_PWR 323673	18.39 0.15 0.00	15.34 0.09 0.00	15.42 0.11 0.00	14.80 0.07 0.00	14.62 0.07 0.00	15.24 0.08 0.00	15.38 0.08 0.00	15.46 0.06 0.00	15.43 0.06 0.00	15.85 0.08 0.00	17.70 0.11 0.00	19.19 0.15 0.00	20.76 0.18 0.00	22.32 0.20 0.00	24.17 0.22 0.00	25.33 0.25 0.00	27.27 0.16 0.00	30.50 0.12 0.00	26.38 0.13 0.00	26.32 0.08 0.00	25.23 -0.03 0.00	23.47 -0.09 0.00	19.44 -0.18 0.00	18.02 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.88 1.02 -0.61	18.22 0.84 -2.13	17.01 0.83 -0.87	15.81 0.78 -0.30	15.49 0.79 -0.16	16.13 0.80 -0.16	17.60 0.87 -1.42	17.96 0.89 -1.66	18.29 0.94 -1.98	18.88 0.99 -2.11	19.67 1.18 -0.90	20.90 1.41 -0.45	22.14 1.56 0.00	23.89 1.77 0.00	25.78 1.82 0.00	27.22 2.01 -0.13	31.95 2.33 -2.51	35.41 2.46 -2.57	40.49 2.02 -12.21	33.27 2.02 -5.02	31.83 1.89 -4.68	28.15 1.74 -2.84	23.48 1.45 -2.41	21.98 1.15 -2.56
HARSNRAD_115KV_TB1 81005	17.89 -0.46 -0.10	15.07 -0.53 -0.35	15.06 -0.40 -0.14	14.44 -0.34 -0.05	14.21 -0.36 -0.03	14.86 -0.33 -0.03	15.10 -0.44 -0.23	15.12 -0.55 -0.27	14.91 -0.78 -0.32	15.25 -0.87 -0.35	16.61 -1.13 -0.15	17.97 -1.14 -0.07	19.53 -1.05 0.00	20.94 -1.17 0.00	23.26 -0.69 0.00	23.90 -1.18 0.00	25.73 -1.73 -0.36	28.58 -2.22 -0.41	26.70 -1.37 -1.81	25.76 -1.29 -0.81	24.88 -1.14 -0.76	23.01 -1.01 -0.46	19.03 -0.98 -0.39	17.93 -0.75 -0.42
HARZA MOOSE___RIVER 24016	18.60 0.33 -0.02	15.56 0.23 -0.08	15.58 0.23 -0.03	14.95 0.21 -0.01	14.79 0.23 -0.01	15.40 0.23 -0.01	15.59 0.23 -0.05	15.70 0.23 -0.06	15.62 0.17 -0.08	16.03 0.17 -0.08	17.80 0.18 -0.03	19.32 0.27 -0.02	20.91 0.33 0.00	22.45 0.33 0.00	24.36 0.41 0.00	25.58 0.50 0.00	27.60 0.41 -0.08	30.93 0.55 0.00	26.91 0.66 0.00	26.92 0.68 0.00	25.99 0.73 0.00	24.34 0.78 0.00	20.19 0.57 0.00	18.89 0.53 -0.10

HDSNBRDG_115KV_BRDG_TB1 355580	18.20 -0.11 -0.06	15.34 -0.12 -0.22	15.28 -0.12 -0.09	14.64 -0.12 -0.03	14.43 -0.13 -0.02	15.06 -0.12 -0.02	15.31 -0.14 -0.14	15.45 -0.12 -0.17	15.43 -0.14 -0.20	15.84 -0.14 -0.21	17.49 -0.19 -0.09	18.91 -0.17 -0.05	20.44 -0.14 0.00	21.94 -0.18 0.00	23.88 -0.07 0.00	24.93 -0.15 0.00	27.06 -0.27 -0.22	30.18 -0.43 -0.23	27.05 -0.21 -1.01	26.51 -0.18 -0.45	25.53 -0.15 -0.42	23.68 -0.14 -0.26	19.70 -0.14 -0.22	18.45 -0.07 -0.26
HELLGATE_13_KV_LD 55870	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.73 2.15 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.73 2.15 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
HEMPSTEAD____ 23647	26.20 1.35 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.35 1.11 -2.08	17.98 1.16 -1.52	24.51 1.20 -7.91	25.84 1.24 -9.22	27.45 1.31 -10.37	29.09 1.49 -10.01	30.01 1.71 -9.25	31.08 1.85 -8.64	33.04 2.08 -8.85	43.52 2.18 -17.38	39.05 2.33 -11.64	47.48 2.63 -17.74	49.66 2.79 -16.49	49.71 2.31 -21.15	42.05 2.33 -13.47	40.31 2.25 -12.80	36.43 2.05 -10.82	42.39 1.80 -20.97	30.11 1.48 -10.36
HEWLETT_69_KV_BK3 55828	26.44 1.59 -6.61	24.88 1.30 -8.33	21.67 1.30 -5.06	20.17 1.25 -4.19	19.72 1.24 -3.94	18.50 1.26 -2.08	18.14 1.32 -1.52	24.68 1.37 -7.91	26.01 1.41 -9.22	27.63 1.48 -10.37	29.29 1.69 -10.01	30.22 1.92 -9.25	31.30 2.08 -8.64	33.29 2.32 -8.85	43.61 2.28 -17.38	39.28 2.56 -11.64	47.78 2.93 -17.74	49.94 3.07 -16.49	49.95 2.55 -21.15	42.28 2.57 -13.47	40.51 2.45 -12.80	36.62 2.24 -10.82	42.65 2.06 -20.97	30.33 1.70 -10.36
HICKLING___1 23621	18.54 0.13 -0.16	15.82 0.00 -0.57	15.58 0.03 -0.23	14.85 0.04 -0.08	14.72 0.13 -0.04	15.32 0.11 -0.04	15.72 0.03 -0.38	15.88 0.03 -0.45	15.81 -0.09 -0.53	16.21 -0.13 -0.57	17.66 -0.18 -0.24	19.10 -0.06 -0.12	20.74 0.16 0.00	22.32 0.20 0.00	24.48 0.53 0.00	25.46 0.38 0.00	27.67 -0.03 -0.59	31.01 -0.09 -0.72	29.73 0.32 -3.16	28.05 0.39 -1.41	26.98 0.40 -1.32	24.79 0.42 -0.80	20.50 0.20 -0.68	19.01 0.05 -0.69
HICKLING___2 23622	18.54 0.13 -0.16	15.82 0.00 -0.57	15.58 0.03 -0.23	14.85 0.04 -0.08	14.72 0.13 -0.04	15.32 0.11 -0.04	15.72 0.03 -0.38	15.88 0.03 -0.45	15.81 -0.09 -0.53	16.21 -0.13 -0.57	17.66 -0.18 -0.24	19.10 -0.06 -0.12	20.74 0.16 0.00	22.32 0.20 0.00	24.48 0.53 0.00	25.46 0.38 0.00	27.67 -0.03 -0.59	31.01 -0.09 -0.72	29.73 0.32 -3.16	28.05 0.39 -1.41	26.98 0.40 -1.32	24.79 0.42 -0.80	20.50 0.20 -0.68	19.01 0.05 -0.69
HIGH FALLS___HY 23754	19.84 0.95 -0.65	18.28 0.76 -2.26	16.99 0.75 -0.92	15.75 0.71 -0.32	15.43 0.71 -0.17	16.07 0.73 -0.17	17.63 0.81 -1.51	17.97 0.80 -1.77	18.32 0.85 -2.10	18.90 0.88 -2.25	19.59 1.04 -0.96	20.81 1.29 -0.48	22.04 1.46 0.00	23.78 1.66 0.00	25.68 1.72 0.00	27.06 1.91 -0.07	31.88 2.28 -2.50	35.77 2.43 -2.96	41.71 2.00 -13.47	34.04 2.02 -5.78	32.55 1.89 -5.40	28.59 1.74 -3.28	23.83 1.43 -2.78	22.08 1.10 -2.73
HILLBURN___GT 23639	19.92 1.06 -0.62	18.28 0.87 -2.16	17.05 0.86 -0.88	15.85 0.82 -0.30	15.52 0.81 -0.16	16.16 0.83 -0.16	17.67 0.92 -1.44	18.03 0.94 -1.69	18.36 0.98 -2.01	18.96 1.04 -2.14	19.74 1.23 -0.92	20.94 1.45 -0.46	22.16 1.58 0.00	23.91 1.79 0.00	25.82 1.87 0.00	27.25 2.03 -0.14	31.96 2.30 -2.55	35.42 2.43 -2.61	40.65 1.99 -12.40	33.35 2.02 -5.09	31.93 1.92 -4.75	28.22 1.77 -2.88	23.56 1.49 -2.45	22.05 1.19 -2.60
HILLSIDE_115KV_TB1 80332	18.29 -0.13 -0.17	15.63 -0.21 -0.59	15.39 -0.17 -0.24	14.66 -0.15 -0.08	14.53 -0.06 -0.04	15.12 -0.09 -0.04	15.53 -0.17 -0.40	15.69 -0.17 -0.46	15.63 -0.29 -0.55	16.03 -0.33 -0.59	17.44 -0.40 -0.25	18.84 -0.32 -0.12	20.41 -0.16 0.00	21.94 -0.18 0.00	24.05 0.10 0.00	25.03 -0.05 0.00	27.28 -0.43 -0.61	30.55 -0.58 -0.75	29.40 -0.13 -3.28	27.65 -0.05 -1.47	26.58 -0.05 -1.37	24.42 0.02 -0.83	20.23 -0.10 -0.71	18.76 -0.22 -0.71
HISHELDN_WT_PWR 323625	18.05 -0.31 -0.12	15.23 -0.43 -0.41	15.21 -0.28 -0.17	14.53 -0.25 -0.06	14.36 -0.22 -0.03	14.95 -0.24 -0.03	15.21 -0.37 -0.28	15.29 -0.43 -0.32	15.19 -0.57 -0.38	15.49 -0.69 -0.41	16.89 -0.88 -0.17	18.27 -0.86 -0.09	19.92 -0.66 0.00	21.36 -0.75 0.00	23.50 -0.46 0.00	24.38 -0.70 0.00	26.29 -1.25 -0.42	29.30 -1.58 -0.50	27.63 -0.81 -2.19	26.40 -0.81 -0.98	25.42 -0.76 -0.91	23.46 -0.66 -0.56	19.34 -0.75 -0.47	18.06 -0.69 -0.50
HOLTSVILLE_IC_1 23690	26.23 1.39 -6.61	24.76 1.17 -8.33	21.58 1.21 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.52 1.27 -2.08	18.15 1.33 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.08 1.48 -10.01	30.01 1.71 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.28 2.56 -11.64	47.64 2.79 -17.74	49.88 3.01 -16.49	49.90 2.50 -21.15	42.34 2.62 -13.47	40.59 2.53 -12.80	36.67 2.29 -10.82	42.49 1.90 -20.97	30.18 1.55 -10.36
HOLTSVILLE_IC_10 23699	26.31 1.46 -6.61	24.82 1.23 -8.33	21.64 1.27 -5.06	20.16 1.24 -4.19	19.74 1.25 -3.94	18.58 1.33 -2.08	18.21 1.39 -1.52	24.70 1.39 -7.91	25.98 1.38 -9.22	27.61 1.47 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.22 2.00 -8.64	33.22 2.26 -8.85	43.73 2.40 -17.38	39.43 2.71 -11.64	47.81 2.96 -17.74	50.06 3.19 -16.49	50.08 2.68 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.81 2.43 -10.82	42.59 2.00 -20.97	30.25 1.62 -10.36
HOLTSVILLE_IC_2 23691	26.23 1.39 -6.61	24.76 1.17 -8.33	21.58 1.21 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.52 1.27 -2.08	18.15 1.33 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.08 1.48 -10.01	30.01 1.71 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.28 2.56 -11.64	47.64 2.79 -17.74	49.88 3.01 -16.49	49.90 2.50 -21.15	42.34 2.62 -13.47	40.59 2.53 -12.80	36.67 2.29 -10.82	42.49 1.90 -20.97	30.18 1.55 -10.36
HOLTSVILLE_IC_3 23692	26.23 1.39 -6.61	24.76 1.17 -8.33	21.58 1.21 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.52 1.27 -2.08	18.15 1.33 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.08 1.48 -10.01	30.01 1.71 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.28 2.56 -11.64	47.64 2.79 -17.74	49.88 3.01 -16.49	49.90 2.50 -21.15	42.34 2.62 -13.47	40.59 2.53 -12.80	36.67 2.29 -10.82	42.49 1.90 -20.97	30.18 1.55 -10.36

HOLTSVILLE_IC_4 23693	26.23 1.39 -6.61	24.76 1.17 -8.33	21.58 1.21 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.52 1.27 -2.08	18.15 1.33 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.08 1.48 -10.01	30.01 1.71 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.28 2.56 -11.64	47.64 2.79 -17.74	49.88 3.01 -16.49	49.90 2.50 -21.15	42.34 2.62 -13.47	40.59 2.53 -12.80	36.67 2.29 -10.82	42.49 1.90 -20.97	30.18 1.55 -10.36
HOLTSVILLE_IC_5 23694	26.23 1.39 -6.61	24.76 1.17 -8.33	21.58 1.21 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.52 1.27 -2.08	18.15 1.33 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.08 1.48 -10.01	30.01 1.71 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.28 2.56 -11.64	47.64 2.79 -17.74	49.88 3.01 -16.49	49.90 2.50 -21.15	42.34 2.62 -13.47	40.59 2.53 -12.80	36.67 2.29 -10.82	42.49 1.90 -20.97	30.18 1.55 -10.36
HOLTSVILLE_IC_6 23695	26.31 1.46 -6.61	24.82 1.23 -8.33	21.64 1.27 -5.06	20.16 1.24 -4.19	19.74 1.25 -3.94	18.58 1.33 -2.08	18.21 1.39 -1.52	24.70 1.39 -7.91	25.98 1.38 -9.22	27.61 1.47 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.22 2.00 -8.64	33.22 2.26 -8.85	43.73 2.40 -17.38	39.43 2.71 -11.64	47.81 2.96 -17.74	50.06 3.19 -16.49	50.08 2.68 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.81 2.43 -10.82	42.59 2.00 -20.97	30.25 1.62 -10.36
HOLTSVILLE_IC_7 23696	26.31 1.46 -6.61	24.82 1.23 -8.33	21.64 1.27 -5.06	20.16 1.24 -4.19	19.74 1.25 -3.94	18.58 1.33 -2.08	18.21 1.39 -1.52	24.70 1.39 -7.91	25.98 1.38 -9.22	27.61 1.47 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.22 2.00 -8.64	33.22 2.26 -8.85	43.73 2.40 -17.38	39.43 2.71 -11.64	47.81 2.96 -17.74	50.06 3.19 -16.49	50.08 2.68 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.81 2.43 -10.82	42.59 2.00 -20.97	30.25 1.62 -10.36
HOLTSVILLE_IC_8 23697	26.31 1.46 -6.61	24.82 1.23 -8.33	21.64 1.27 -5.06	20.16 1.24 -4.19	19.74 1.25 -3.94	18.58 1.33 -2.08	18.21 1.39 -1.52	24.70 1.39 -7.91	25.98 1.38 -9.22	27.61 1.47 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.22 2.00 -8.64	33.22 2.26 -8.85	43.73 2.40 -17.38	39.43 2.71 -11.64	47.81 2.96 -17.74	50.06 3.19 -16.49	50.08 2.68 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.81 2.43 -10.82	42.59 2.00 -20.97	30.25 1.62 -10.36
HOLTSVILLE_IC_9 23698	26.31 1.46 -6.61	24.82 1.23 -8.33	21.64 1.27 -5.06	20.16 1.24 -4.19	19.74 1.25 -3.94	18.58 1.33 -2.08	18.21 1.39 -1.52	24.70 1.39 -7.91	25.98 1.38 -9.22	27.61 1.47 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.22 2.00 -8.64	33.22 2.26 -8.85	43.73 2.40 -17.38	39.43 2.71 -11.64	47.81 2.96 -17.74	50.06 3.19 -16.49	50.08 2.68 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.81 2.43 -10.82	42.59 2.00 -20.97	30.25 1.62 -10.36
HOMER_HL_115KV_TB2 355744	17.73 -0.64 -0.12	14.97 -0.72 -0.43	14.85 -0.64 -0.18	14.18 -0.60 -0.06	14.42 -0.16 -0.03	14.84 -0.36 -0.03	14.97 -0.63 -0.29	15.09 -0.65 -0.34	14.91 -0.86 -0.40	15.25 -0.95 -0.43	16.66 -1.11 -0.18	18.03 -1.10 -0.09	20.00 -0.58 0.00	21.48 -0.64 0.00	23.72 -0.24 0.00	24.56 -0.53 0.00	26.01 -1.55 -0.44	29.54 -1.37 -0.53	27.88 -0.68 -2.32	26.70 -0.58 -1.03	25.69 -0.53 -0.97	23.75 -0.40 -0.59	19.61 -0.51 -0.50	17.89 -0.89 -0.52
HOWARD_WT_PWR 323690	18.54 0.16 -0.14	15.70 -0.03 -0.48	15.56 0.05 -0.20	14.85 0.06 -0.07	14.70 0.12 -0.04	15.29 0.09 -0.04	15.61 -0.02 -0.32	15.74 -0.03 -0.37	15.66 -0.15 -0.44	16.01 -0.24 -0.47	17.46 -0.33 -0.20	18.91 -0.23 -0.10	20.62 0.04 0.00	22.16 0.04 0.00	24.29 0.34 0.00	25.28 0.20 0.00	27.33 -0.27 -0.49	30.61 -0.36 -0.59	29.09 0.24 -2.60	27.66 0.26 -1.16	26.57 0.23 -1.08	24.48 0.26 -0.66	20.18 0.00 -0.56	18.71 -0.13 -0.58
HQ_GEN_CEDARS 23644	18.01 -0.24 0.00	15.14 -0.11 0.00	15.16 -0.15 0.00	14.57 -0.16 0.00	14.45 -0.10 0.00	14.95 -0.21 0.00	15.09 -0.21 0.00	15.20 -0.20 0.00	15.14 -0.23 0.00	15.54 -0.24 0.00	17.38 -0.21 0.00	18.73 -0.30 0.00	20.19 -0.39 0.00	21.72 -0.40 0.00	23.48 -0.48 0.00	24.61 -0.48 0.00	26.62 -0.49 0.00	30.08 -0.30 0.00	25.94 -0.32 0.00	25.82 -0.42 0.00	24.93 -0.33 0.00	23.24 -0.33 0.00	19.36 -0.26 0.00	18.04 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	18.01 -0.24 0.00	15.14 -0.11 0.00	15.13 -0.18 0.00	14.57 -0.16 0.00	14.45 -0.10 0.00	14.95 -0.21 0.00	15.09 -0.21 0.00	15.20 -0.20 0.00	15.11 -0.26 0.00	15.54 -0.24 0.00	17.38 -0.21 0.00	18.73 -0.31 0.00	20.19 -0.39 0.00	21.72 -0.40 0.00	23.50 -0.46 0.00	24.60 -0.48 0.00	26.62 -0.49 0.00	30.08 -0.30 0.00	25.94 -0.31 0.00	25.82 -0.42 0.00	24.93 -0.33 0.00	23.24 -0.33 0.00	19.36 -0.26 0.00	18.04 -0.22 0.00
HQ_GEN_IMPORT 323601	17.97 -0.27 0.00	15.07 -0.18 0.00	15.10 -0.21 0.00	14.54 -0.19 0.00	14.37 -0.17 0.00	14.91 -0.26 0.00	15.05 -0.26 0.00	15.14 -0.26 0.00	15.10 -0.28 0.00	15.50 -0.27 0.00	17.31 -0.28 0.00	18.68 -0.36 0.00	20.15 -0.43 0.00	21.65 -0.47 0.00	23.45 -0.50 0.00	24.55 -0.53 0.00	26.57 -0.54 0.00	29.95 -0.43 0.00	25.78 -0.47 0.00	25.71 -0.52 0.00	24.85 -0.41 0.00	23.16 -0.40 0.00	19.30 -0.31 0.00	17.97 -0.29 0.00
HQ_GEN_WHEEL 23651	17.97 -0.27 0.00	15.07 -0.18 0.00	15.10 -0.21 0.00	14.54 -0.19 0.00	14.37 -0.17 0.00	14.91 -0.26 0.00	15.05 -0.26 0.00	15.14 -0.26 0.00	15.10 -0.28 0.00	15.50 -0.27 0.00	17.31 -0.28 0.00	18.68 -0.36 0.00	20.15 -0.43 0.00	21.65 -0.47 0.00	23.45 -0.50 0.00	24.55 -0.53 0.00	26.57 -0.54 0.00	29.95 -0.43 0.00	25.78 -0.47 0.00	25.71 -0.52 0.00	24.85 -0.41 0.00	23.16 -0.40 0.00	19.30 -0.31 0.00	17.97 -0.29 0.00
HUDSON_AVE_GT_3 23810	20.08 1.19 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.15 2.03 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
HUDSON_AVE_GT_4 23540	20.08 1.19 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.15 2.03 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
HUDSON_AVE_GT_5 23657	20.08 1.19 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.15 2.03 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73

HUDSON_AVE_10 24168	20.03 1.13 -0.65	18.46 0.95 -2.26	17.17 0.93 -0.93	15.96 0.91 -0.32	15.62 0.90 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.36 2.55 -2.70	35.70 2.58 -2.74	41.48 2.13 -13.10	33.71 2.13 -5.34	32.32 2.07 -4.99	28.46 1.86 -3.03	23.84 1.65 -2.57	22.29 1.30 -2.73
HUDSON___115KV_TB 4 355613	19.74 0.71 -0.79	18.55 0.56 -2.73	17.03 0.60 -1.12	15.71 0.60 -0.38	15.36 0.61 -0.21	16.02 0.65 -0.21	17.68 0.55 -1.83	18.12 0.59 -2.14	18.54 0.63 -2.54	19.12 0.63 -2.71	19.49 0.74 -1.16	20.47 0.86 -0.58	21.61 1.03 0.00	23.27 1.15 0.00	25.08 1.13 0.00	26.38 1.38 0.09	31.34 1.63 -2.61	36.91 1.67 -4.86	48.42 1.44 -20.72	37.20 1.42 -9.54	35.50 1.34 -8.90	30.20 1.23 -5.41	25.19 0.98 -4.59	22.36 0.80 -3.29
HUNTER MOUNT___DRP 323613	19.65 0.64 -0.76	18.39 0.49 -2.65	16.94 0.54 -1.08	15.66 0.56 -0.37	15.34 0.60 -0.20	16.00 0.64 -0.20	17.56 0.47 -1.78	17.99 0.51 -2.08	18.42 0.58 -2.47	18.98 0.57 -2.64	19.39 0.67 -1.13	20.40 0.80 -0.56	21.63 1.05 0.00	23.29 1.17 0.00	25.10 1.15 0.00	26.51 1.48 0.05	31.48 1.76 -2.61	36.53 1.70 -4.44	46.82 1.44 -19.12	36.35 1.39 -8.72	34.71 1.31 -8.13	29.71 1.20 -4.94	24.73 0.92 -4.19	22.23 0.77 -3.20
HUNTINGTON_RES_REC 323705	26.29 1.44 -6.61	24.79 1.20 -8.33	21.58 1.21 -5.06	20.10 1.18 -4.19	19.66 1.18 -3.94	18.47 1.23 -2.08	18.11 1.29 -1.52	24.62 1.31 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.11 1.51 -10.01	30.02 1.73 -9.25	31.10 1.87 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.25 2.53 -11.64	47.64 2.79 -17.74	49.85 2.98 -16.49	49.87 2.47 -21.15	42.29 2.57 -13.47	40.51 2.45 -12.80	36.60 2.21 -10.82	42.45 1.86 -20.97	30.11 1.48 -10.36
HUNTLEY___63 23557	18.06 -0.29 -0.10	15.22 -0.40 -0.36	15.20 -0.26 -0.15	14.59 -0.19 -0.05	14.37 -0.20 -0.03	15.01 -0.18 -0.03	15.23 -0.32 -0.24	15.21 -0.48 -0.28	15.00 -0.71 -0.34	15.34 -0.79 -0.36	16.72 -1.02 -0.15	18.07 -1.05 -0.08	19.69 -0.88 0.00	21.12 -1.00 0.00	23.43 -0.53 0.00	24.08 -1.00 0.00	25.94 -1.55 -0.37	28.81 -2.01 -0.43	26.96 -1.18 -1.89	25.98 -1.10 -0.84	25.09 -0.96 -0.79	23.20 -0.85 -0.48	19.18 -0.84 -0.41	18.08 -0.62 -0.44
HUNTLEY___64 23558	18.06 -0.29 -0.10	15.22 -0.40 -0.36	15.20 -0.26 -0.15	14.59 -0.19 -0.05	14.37 -0.20 -0.03	15.01 -0.18 -0.03	15.23 -0.32 -0.24	15.21 -0.48 -0.28	15.00 -0.71 -0.34	15.34 -0.79 -0.36	16.72 -1.02 -0.15	18.07 -1.05 -0.08	19.69 -0.88 0.00	21.12 -1.00 0.00	23.43 -0.53 0.00	24.08 -1.00 0.00	25.94 -1.55 -0.37	28.81 -2.01 -0.43	26.96 -1.18 -1.89	25.98 -1.10 -0.84	25.09 -0.96 -0.79	23.20 -0.85 -0.48	19.18 -0.84 -0.41	18.08 -0.62 -0.44
HUNTLEY___65 23559	18.06 -0.29 -0.10	15.22 -0.40 -0.36	15.20 -0.26 -0.15	14.59 -0.19 -0.05	14.37 -0.20 -0.03	15.01 -0.18 -0.03	15.23 -0.32 -0.24	15.21 -0.48 -0.28	15.00 -0.71 -0.34	15.34 -0.79 -0.36	16.72 -1.02 -0.15	18.07 -1.05 -0.08	19.69 -0.88 0.00	21.12 -1.00 0.00	23.43 -0.53 0.00	24.08 -1.00 0.00	25.94 -1.55 -0.37	28.81 -2.01 -0.43	26.96 -1.18 -1.89	25.98 -1.10 -0.84	25.09 -0.96 -0.79	23.20 -0.85 -0.48	19.18 -0.84 -0.41	18.08 -0.62 -0.44
HUNTLEY___66 23560	18.06 -0.29 -0.10	15.22 -0.40 -0.36	15.20 -0.26 -0.15	14.59 -0.19 -0.05	14.37 -0.20 -0.03	15.01 -0.18 -0.03	15.23 -0.32 -0.24	15.21 -0.48 -0.28	15.00 -0.71 -0.34	15.34 -0.79 -0.36	16.72 -1.02 -0.15	18.07 -1.05 -0.08	19.69 -0.88 0.00	21.12 -1.00 0.00	23.43 -0.53 0.00	24.08 -1.00 0.00	25.94 -1.55 -0.37	28.81 -2.01 -0.43	26.96 -1.18 -1.89	25.98 -1.10 -0.84	25.09 -0.96 -0.79	23.20 -0.85 -0.48	19.18 -0.84 -0.41	18.08 -0.62 -0.44
HUNTLEY___67 23561	17.89 -0.46 -0.11	15.10 -0.52 -0.37	15.07 -0.40 -0.15	14.46 -0.32 -0.05	14.26 -0.32 -0.03	14.88 -0.32 -0.03	15.11 -0.44 -0.25	15.15 -0.54 -0.29	14.96 -0.75 -0.34	15.30 -0.84 -0.37	16.67 -1.07 -0.16	18.01 -1.10 -0.08	19.61 -0.97 0.00	21.03 -1.08 0.00	23.33 -0.62 0.00	23.98 -1.10 0.00	25.81 -1.68 -0.38	28.69 -2.13 -0.44	26.93 -1.26 -1.93	25.90 -1.21 -0.86	24.98 -1.09 -0.81	23.11 -0.94 -0.49	19.11 -0.92 -0.42	17.96 -0.75 -0.44
HUNTLEY___68 23562	17.89 -0.46 -0.11	15.10 -0.52 -0.37	15.07 -0.40 -0.15	14.46 -0.32 -0.05	14.26 -0.32 -0.03	14.88 -0.32 -0.03	15.11 -0.44 -0.25	15.15 -0.54 -0.29	14.96 -0.75 -0.34	15.30 -0.84 -0.37	16.67 -1.07 -0.16	18.01 -1.10 -0.08	19.61 -0.97 0.00	21.03 -1.08 0.00	23.33 -0.62 0.00	23.98 -1.10 0.00	25.81 -1.68 -0.38	28.69 -2.13 -0.44	26.93 -1.26 -1.93	25.90 -1.21 -0.86	24.98 -1.09 -0.81	23.11 -0.94 -0.49	19.11 -0.92 -0.42	17.96 -0.75 -0.44
HYLAND___LFGE 323620	18.83 0.47 -0.11	15.88 0.23 -0.40	15.81 0.34 -0.16	15.09 0.31 -0.06	14.82 0.25 -0.03	15.48 0.29 -0.03	15.69 0.12 -0.27	15.51 -0.20 -0.31	15.11 -0.63 -0.37	15.28 -0.88 -0.39	16.54 -1.21 -0.17	17.87 -1.26 -0.08	19.39 -1.19 0.00	20.83 -1.28 0.00	22.90 -1.05 0.00	23.83 -1.25 0.00	26.16 -1.35 -0.41	29.64 -1.22 -0.48	28.31 -0.05 -2.11	27.81 0.63 -0.94	26.90 0.76 -0.88	24.85 0.75 -0.53	20.46 0.39 -0.45	19.13 0.38 -0.48
INDECK___CORINTH 23802	20.56 1.48 -0.84	19.33 1.17 -2.90	17.66 1.16 -1.19	16.25 1.12 -0.41	15.86 1.09 -0.22	16.57 1.18 -0.22	18.40 1.15 -1.94	18.86 1.19 -2.27	19.32 1.24 -2.70	19.97 1.31 -2.88	20.18 1.35 -1.23	21.16 1.50 -0.61	22.23 1.65 0.00	23.75 1.64 0.00	25.66 1.70 0.00	26.10 1.15 0.14	31.29 1.52 -2.67	40.28 1.95 -7.95	62.02 1.84 -33.94	43.66 1.81 -15.61	41.54 1.72 -14.56	33.97 1.55 -8.85	28.36 1.24 -7.51	23.39 1.62 -3.50
INDECK___ILION 23567	18.37 0.13 0.00	15.33 0.08 0.00	15.41 0.09 0.00	14.80 0.07 0.00	14.62 0.07 0.00	15.24 0.08 0.00	15.38 0.08 0.00	15.48 0.08 0.00	15.43 0.06 0.00	15.85 0.08 0.00	17.68 0.09 0.00	19.15 0.11 0.00	20.72 0.14 0.00	22.27 0.15 0.00	24.15 0.19 0.00	25.28 0.20 0.00	27.27 0.16 0.00	30.53 0.15 0.00	26.41 0.16 0.00	26.40 0.16 0.00	25.39 0.13 0.00	23.68 0.12 0.00	19.68 0.06 0.00	18.28 0.02 0.00
INDECK___OLEAN 23982	17.73 -0.64 -0.12	14.97 -0.72 -0.43	14.89 -0.60 -0.18	14.29 -0.50 -0.06	14.42 -0.16 -0.03	14.82 -0.38 -0.03	14.97 -0.63 -0.29	15.09 -0.65 -0.34	14.94 -0.83 -0.40	15.26 -0.95 -0.43	16.67 -1.11 -0.18	18.03 -1.10 -0.09	20.00 -0.58 0.00	21.47 -0.64 0.00	23.60 -0.36 0.00	24.55 -0.53 0.00	25.98 -1.57 -0.44	29.51 -1.40 -0.53	27.88 -0.68 -2.32	26.67 -0.60 -1.03	25.69 -0.53 -0.97	23.75 -0.40 -0.59	19.61 -0.51 -0.50	17.89 -0.89 -0.52
INDECK___OSWEGO 23783	18.02 -0.27 -0.05	15.17 -0.26 -0.18	15.14 -0.25 -0.07	14.52 -0.24 -0.03	14.30 -0.26 -0.01	14.92 -0.26 -0.01	15.17 -0.26 -0.12	15.28 -0.26 -0.14	15.28 -0.26 -0.17	15.67 -0.28 -0.18	17.30 -0.37 -0.08	18.71 -0.36 -0.04	20.21 -0.37 0.00	21.67 -0.44 0.00	23.52 -0.43 0.00	24.60 -0.48 0.00	26.70 -0.60 -0.19	29.62 -0.76 0.00	25.73 -0.52 0.00	25.74 -0.50 0.00	24.81 -0.45 0.00	23.16 -0.40 0.00	19.29 -0.33 0.00	18.23 -0.26 -0.22



INDECK___YERKES 23781	18.07 -0.27 -0.10	15.23 -0.38 -0.36	15.28 -0.18 -0.15	14.60 -0.18 -0.05	14.39 -0.19 -0.03	15.03 -0.17 -0.03	15.24 -0.31 -0.24	15.22 -0.46 -0.28	15.06 -0.65 -0.34	15.36 -0.77 -0.36	16.72 -1.02 -0.15	18.09 -1.03 -0.08	19.72 -0.86 0.00	21.14 -0.97 0.00	23.28 -0.67 0.00	24.10 -0.98 0.00	25.96 -1.52 -0.37	28.80 -2.01 -0.43	26.99 -1.15 -1.89	26.01 -1.08 -0.84	25.09 -0.96 -0.79	23.22 -0.83 -0.48	19.20 -0.82 -0.41	18.08 -0.62 -0.44
INDIAN POINT_GT_1 24139	19.96 1.08 -0.64	18.38 0.88 -2.24	17.10 0.87 -0.92	15.88 0.84 -0.31	15.55 0.83 -0.17	16.19 0.85 -0.17	17.72 0.92 -1.50	18.09 0.94 -1.75	18.44 0.98 -2.08	19.05 1.06 -2.23	19.79 1.25 -0.95	20.96 1.45 -0.47	22.16 1.58 0.00	23.89 1.77 0.00	25.78 1.82 0.00	27.24 2.01 -0.15	32.08 2.30 -2.67	35.49 2.40 -2.71	41.18 1.97 -12.95	33.52 1.99 -5.29	32.09 1.89 -4.93	28.31 1.74 -3.00	23.63 1.47 -2.54	22.15 1.19 -2.70
INDIAN POINT_GT_2 23659	19.96 1.08 -0.64	18.38 0.88 -2.24	17.10 0.87 -0.92	15.88 0.84 -0.31	15.55 0.83 -0.17	16.19 0.85 -0.17	17.72 0.92 -1.50	18.09 0.94 -1.75	18.44 0.98 -2.08	19.05 1.06 -2.23	19.79 1.25 -0.95	20.96 1.45 -0.47	22.16 1.58 0.00	23.89 1.77 0.00	25.78 1.82 0.00	27.24 2.01 -0.15	32.08 2.30 -2.67	35.49 2.40 -2.71	41.18 1.97 -12.95	33.52 1.99 -5.29	32.09 1.89 -4.93	28.31 1.74 -3.00	23.63 1.47 -2.54	22.15 1.19 -2.70
INDIAN POINT_GT_3 24019	19.96 1.08 -0.64	18.38 0.88 -2.24	17.10 0.87 -0.92	15.88 0.84 -0.31	15.55 0.83 -0.17	16.19 0.85 -0.17	17.72 0.92 -1.50	18.09 0.94 -1.75	18.44 0.98 -2.08	19.05 1.06 -2.23	19.79 1.25 -0.95	20.96 1.45 -0.47	22.16 1.58 0.00	23.89 1.77 0.00	25.78 1.82 0.00	27.24 2.01 -0.15	32.08 2.30 -2.67	35.49 2.40 -2.71	41.18 1.97 -12.95	33.52 1.99 -5.29	32.09 1.89 -4.93	28.31 1.74 -3.00	23.63 1.47 -2.54	22.15 1.19 -2.70
INDIAN POINT___2 23530	19.94 1.06 -0.64	18.33 0.87 -2.21	17.09 0.87 -0.90	15.86 0.82 -0.31	15.54 0.83 -0.17	16.17 0.83 -0.17	17.70 0.92 -1.48	18.07 0.94 -1.73	18.41 0.98 -2.06	19.01 1.04 -2.20	19.76 1.23 -0.94	20.93 1.43 -0.47	22.14 1.56 0.00	23.86 1.75 0.00	25.77 1.82 0.00	27.21 1.98 -0.15	31.98 2.25 -2.63	35.43 2.37 -2.67	40.95 1.94 -12.75	33.42 1.97 -5.22	32.02 1.90 -4.87	28.24 1.72 -2.96	23.60 1.47 -2.51	22.10 1.17 -2.66
INDIAN POINT___3 23531	19.95 1.06 -0.65	18.36 0.87 -2.24	17.10 0.87 -0.92	15.88 0.84 -0.31	15.55 0.83 -0.17	16.19 0.85 -0.17	17.72 0.92 -1.50	18.09 0.94 -1.75	18.44 0.98 -2.08	19.04 1.04 -2.23	19.77 1.23 -0.95	20.94 1.43 -0.47	22.14 1.56 0.00	23.86 1.75 0.00	25.73 1.77 0.00	27.19 1.96 -0.15	32.06 2.28 -2.67	35.43 2.34 -2.71	41.13 1.92 -12.96	33.47 1.94 -5.29	32.07 1.87 -4.94	28.28 1.72 -3.00	23.64 1.47 -2.55	22.13 1.17 -2.70
INGHAM_C_115KV_TB7 356103	18.35 0.11 0.00	15.33 0.08 0.00	15.39 0.08 0.00	14.79 0.06 0.00	14.61 0.06 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.45 0.05 0.00	15.40 0.03 0.00	15.82 0.05 0.00	17.66 0.07 0.00	19.15 0.11 0.00	20.72 0.14 0.00	22.27 0.15 0.00	24.15 0.19 0.00	25.28 0.20 0.00	27.22 0.11 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.32 0.08 0.00	25.26 0.00 0.00	23.52 -0.05 0.00	19.50 -0.12 0.00	18.10 -0.16 0.00
IP CORINTH___1 23988	20.56 1.48 -0.84	19.33 1.17 -2.90	17.65 1.15 -1.19	16.24 1.10 -0.41	15.86 1.09 -0.22	16.57 1.18 -0.22	18.40 1.15 -1.94	18.86 1.19 -2.27	19.32 1.25 -2.70	19.97 1.31 -2.88	20.18 1.35 -1.23	21.16 1.50 -0.61	22.23 1.65 0.00	23.75 1.64 0.00	25.61 1.65 0.00	26.25 1.30 0.14	31.48 1.71 -2.67	40.46 2.13 -7.95	62.16 1.97 -33.94	43.79 1.94 -15.61	41.67 1.84 -14.56	34.09 1.67 -8.85	28.48 1.35 -7.51	23.39 1.63 -3.50
IP___TICONDEROGA 23804	21.41 2.34 -0.83	20.00 1.85 -2.90	18.31 1.81 -1.19	16.89 1.75 -0.41	16.47 1.70 -0.22	17.27 1.88 -0.22	19.08 1.84 -1.94	19.58 1.91 -2.27	20.08 2.01 -2.70	20.80 2.14 -2.88	21.13 2.30 -1.23	22.22 2.57 -0.61	23.40 2.82 0.00	25.04 2.92 0.00	27.00 3.04 0.00	27.88 2.93 0.14	33.21 3.44 -2.66	42.39 4.10 -7.91	63.85 3.89 -33.72	45.51 3.75 -15.52	43.30 3.56 -14.48	35.57 3.20 -8.80	29.60 2.51 -7.46	24.37 2.61 -3.49
ISLIP_RES_REC 323679	26.38 1.53 -6.61	24.88 1.30 -8.33	21.69 1.32 -5.06	20.20 1.28 -4.19	19.79 1.31 -3.94	18.62 1.38 -2.08	18.26 1.44 -1.52	24.74 1.43 -7.91	26.02 1.43 -9.22	27.67 1.53 -10.37	29.22 1.62 -10.01	30.18 1.89 -9.25	31.32 2.10 -8.64	33.31 2.34 -8.85	43.85 2.51 -17.38	39.58 2.86 -11.64	47.97 3.12 -17.74	50.24 3.37 -16.49	50.24 2.84 -21.15	42.68 2.96 -13.47	40.92 2.85 -12.80	36.96 2.57 -10.82	42.70 2.12 -20.97	30.34 1.72 -10.36
JAMAICA__27_KV_LOAD 355505	20.04 1.15 -0.65	18.47 0.96 -2.26	17.19 0.95 -0.93	15.96 0.91 -0.32	15.63 0.92 -0.17	16.29 0.96 -0.17	17.89 1.07 -1.51	18.30 1.12 -1.77	18.68 1.20 -2.10	19.31 1.29 -2.25	19.98 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.56 2.21 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.36 1.37 -2.73
JANIS___SOLAR 323808	19.09 0.68 -0.17	16.34 0.49 -0.61	16.07 0.50 -0.25	15.28 0.47 -0.08	15.07 0.48 -0.05	15.73 0.52 -0.05	16.20 0.49 -0.41	16.32 0.45 -0.47	16.26 0.32 -0.56	16.63 0.25 -0.60	18.06 0.21 -0.26	19.53 0.36 -0.13	21.05 0.47 0.00	22.65 0.53 0.00	24.67 0.72 0.00	25.94 0.85 0.00	28.52 0.79 -0.62	32.23 0.94 -0.90	31.48 1.26 -3.97	29.43 1.42 -1.77	28.35 1.44 -1.65	25.96 1.39 -1.00	21.47 1.00 -0.85	19.85 0.86 -0.73
JARVIS____ 23743	18.32 0.07 0.00	15.30 0.05 0.00	15.38 0.06 0.00	14.79 0.06 0.00	14.59 0.04 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.46 0.06 0.00	15.43 0.06 0.00	15.82 0.05 0.00	17.64 0.05 0.00	19.12 0.08 0.00	20.66 0.08 0.00	22.21 0.09 0.00	24.05 0.10 0.00	25.21 0.13 0.00	27.22 0.11 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.34 0.11 0.00	25.36 0.10 0.00	23.68 0.12 0.00	19.70 0.08 0.00	18.34 0.07 0.00
JENNISON___1 23625	19.27 0.80 -0.22	16.60 0.58 -0.77	16.21 0.58 -0.31	15.40 0.56 -0.11	15.20 0.60 -0.06	15.85 0.62 -0.06	16.43 0.61 -0.51	16.62 0.62 -0.60	16.59 0.51 -0.71	17.04 0.50 -0.76	18.44 0.53 -0.33	19.96 0.76 -0.16	21.53 0.95 0.00	23.16 1.04 0.00	25.22 1.27 0.00	26.49 1.40 0.00	29.15 1.25 -0.79	33.09 1.40 -1.31	33.52 1.52 -5.75	30.43 1.63 -2.57	29.30 1.64 -2.40	26.62 1.60 -1.46	22.03 1.18 -1.24	20.19 1.00 -0.93
JENNISON___2 23626	19.27 0.80 -0.22	16.60 0.58 -0.77	16.21 0.58 -0.31	15.40 0.56 -0.11	15.20 0.60 -0.06	15.85 0.62 -0.06	16.43 0.61 -0.51	16.62 0.62 -0.60	16.59 0.51 -0.71	17.04 0.50 -0.76	18.44 0.53 -0.33	19.96 0.76 -0.16	21.53 0.95 0.00	23.16 1.04 0.00	25.22 1.27 0.00	26.49 1.40 0.00	29.15 1.25 -0.79	33.09 1.40 -1.31	33.52 1.52 -5.75	30.43 1.63 -2.57	29.30 1.64 -2.40	26.62 1.60 -1.46	22.03 1.18 -1.24	20.19 1.00 -0.93

JERICO_RISE_WT_PWR 323719	18.30 0.05 0.00	15.37 0.12 0.00	15.33 0.02 0.00	14.77 0.04 0.00	14.68 0.13 0.00	15.20 0.03 0.00	15.35 0.05 0.00	15.48 0.08 0.00	15.39 0.02 0.00	15.85 0.08 0.00	17.73 0.14 0.00	19.12 0.08 0.00	20.58 0.00 0.00	22.14 0.02 0.00	23.96 0.00 0.00	25.06 -0.03 0.00	27.16 0.05 0.00	30.71 0.33 0.00	26.51 0.26 0.00	26.32 0.08 0.00	25.34 0.08 0.00	23.57 0.00 0.00	19.60 -0.02 0.00	18.23 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	20.07 1.17 -0.66	18.49 0.95 -2.29	17.22 0.96 -0.94	15.96 0.91 -0.32	15.61 0.89 -0.17	16.26 0.93 -0.17	17.80 0.96 -1.53	18.15 0.95 -1.79	18.53 1.03 -2.13	19.15 1.10 -2.28	19.90 1.34 -0.97	21.05 1.52 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.44 2.21 -0.15	32.38 2.55 -2.73	35.86 2.70 -2.78	41.71 2.21 -13.26	33.86 2.20 -5.42	32.39 2.07 -5.05	28.54 1.91 -3.07	23.79 1.57 -2.61	22.30 1.28 -2.76
KCE_NY_1 323755	20.32 1.24 -0.83	19.14 0.99 -2.90	17.49 0.99 -1.18	16.09 0.96 -0.41	15.70 0.93 -0.22	16.40 1.02 -0.22	18.22 0.98 -1.94	18.65 0.99 -2.26	19.09 1.03 -2.69	19.70 1.06 -2.88	20.00 1.18 -1.23	20.96 1.31 -0.61	22.00 1.42 0.00	23.64 1.52 0.00	25.51 1.56 0.00	26.50 1.56 0.14	31.54 1.79 -2.64	40.29 2.07 -7.84	61.52 1.86 -33.40	43.49 1.86 -15.39	41.41 1.79 -14.36	33.96 1.67 -8.73	28.38 1.35 -7.40	23.08 1.33 -3.49
KCE_NY_6_ESR 323823	18.03 -0.33 -0.11	15.19 -0.44 -0.39	15.20 -0.28 -0.16	14.55 -0.24 -0.05	14.40 -0.17 -0.03	14.98 -0.21 -0.03	15.20 -0.37 -0.26	15.26 -0.45 -0.30	15.11 -0.62 -0.36	15.41 -0.74 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.90 -0.68 0.00	21.32 -0.80 0.00	23.48 -0.48 0.00	24.33 -0.75 0.00	26.09 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.31 -0.84 -0.91	25.37 -0.73 -0.85	23.47 -0.61 -0.51	19.39 -0.67 -0.44	18.09 -0.64 -0.46
KEDC_PORT_JEFF_GT2 24210	26.29 1.44 -6.61	24.80 1.22 -8.33	21.63 1.26 -5.06	20.14 1.22 -4.19	19.72 1.24 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.68 1.37 -7.91	25.96 1.37 -9.22	27.60 1.45 -10.37	29.13 1.53 -10.01	30.06 1.77 -9.25	31.20 1.98 -8.64	33.20 2.23 -8.85	43.71 2.37 -17.38	39.40 2.69 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.47 2.75 -13.47	40.71 2.65 -12.80	36.79 2.40 -10.82	42.57 1.98 -20.97	30.23 1.61 -10.36
KEDC_PORT_JEFF_GT3 24211	26.29 1.44 -6.61	24.80 1.22 -8.33	21.63 1.26 -5.06	20.14 1.22 -4.19	19.72 1.24 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.68 1.37 -7.91	25.96 1.37 -9.22	27.60 1.45 -10.37	29.13 1.53 -10.01	30.06 1.77 -9.25	31.20 1.98 -8.64	33.20 2.23 -8.85	43.71 2.37 -17.38	39.40 2.69 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.47 2.75 -13.47	40.71 2.65 -12.80	36.79 2.40 -10.82	42.57 1.98 -20.97	30.23 1.61 -10.36
KEDC_GLWD_GT4 24219	26.22 1.37 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.35 1.11 -2.08	17.98 1.16 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.47 1.33 -10.37	29.15 1.55 -10.01	30.06 1.77 -9.25	31.16 1.93 -8.64	33.13 2.17 -8.85	43.61 2.28 -17.38	39.02 2.31 -11.64	47.45 2.60 -17.74	49.61 2.74 -16.49	49.66 2.26 -21.15	41.99 2.28 -13.47	40.26 2.20 -12.80	36.37 1.98 -10.82	42.35 1.77 -20.97	30.11 1.48 -10.36
KEDC_GLWD_GT5 24220	26.22 1.37 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.35 1.11 -2.08	17.98 1.16 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.47 1.33 -10.37	29.15 1.55 -10.01	30.06 1.77 -9.25	31.16 1.93 -8.64	33.13 2.17 -8.85	43.61 2.28 -17.38	39.02 2.31 -11.64	47.45 2.60 -17.74	49.61 2.74 -16.49	49.66 2.26 -21.15	41.99 2.28 -13.47	40.26 2.20 -12.80	36.37 1.98 -10.82	42.35 1.77 -20.97	30.11 1.48 -10.36
KENSICO____ 23655	20.01 1.11 -0.65	18.44 0.93 -2.26	17.16 0.92 -0.92	15.93 0.88 -0.32	15.61 0.89 -0.17	16.23 0.89 -0.17	17.80 0.98 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.12 1.10 -2.24	19.85 1.30 -0.96	21.02 1.50 -0.48	22.23 1.65 0.00	23.95 1.84 0.00	25.82 1.87 0.00	27.32 2.08 -0.16	32.19 2.39 -2.69	35.61 2.49 -2.73	41.37 2.05 -13.07	33.62 2.05 -5.33	32.21 1.97 -4.97	28.38 1.79 -3.02	23.73 1.55 -2.56	22.23 1.24 -2.72
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.81 0.95 -0.62	18.14 0.75 -2.14	16.94 0.75 -0.88	15.72 0.69 -0.30	15.42 0.71 -0.16	16.04 0.71 -0.16	17.54 0.80 -1.43	17.86 0.79 -1.68	18.21 0.85 -1.99	18.77 0.87 -2.13	19.52 1.02 -0.91	20.75 1.26 -0.45	22.00 1.42 0.00	23.73 1.61 0.00	25.63 1.68 0.00	27.05 1.88 -0.08	31.76 2.25 -2.40	35.51 2.40 -2.73	40.80 2.00 -12.55	33.57 1.99 -5.34	32.11 1.87 -4.98	28.31 1.72 -3.03	23.60 1.41 -2.57	21.94 1.10 -2.58
KIAC_JFK_GT1 23816	19.95 1.06 -0.65	18.40 0.88 -2.26	17.11 0.87 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.22 0.88 -0.17	17.81 0.99 -1.51	18.22 1.05 -1.77	18.60 1.12 -2.10	19.23 1.21 -2.25	19.89 1.34 -0.96	21.06 1.54 -0.48	22.25 1.67 0.00	24.02 1.90 0.00	25.90 1.94 0.00	27.37 2.13 -0.16	32.17 2.36 -2.70	35.49 2.37 -2.74	41.27 1.92 -13.10	33.50 1.92 -5.34	32.14 1.89 -4.99	28.38 1.79 -3.03	23.86 1.67 -2.57	22.25 1.26 -2.73
KIAC_JFK_GT2 23817	19.95 1.06 -0.65	18.40 0.88 -2.26	17.11 0.87 -0.93	15.88 0.84 -0.32	15.56 0.84 -0.17	16.22 0.88 -0.17	17.81 0.99 -1.51	18.22 1.05 -1.77	18.60 1.12 -2.10	19.23 1.21 -2.25	19.89 1.34 -0.96	21.06 1.54 -0.48	22.25 1.67 0.00	24.02 1.90 0.00	25.90 1.94 0.00	27.37 2.13 -0.16	32.17 2.36 -2.70	35.49 2.37 -2.74	41.27 1.92 -13.10	33.50 1.92 -5.34	32.14 1.89 -4.99	28.38 1.79 -3.03	23.86 1.67 -2.57	22.25 1.26 -2.73
KIAC_JFK____ 323774	19.95 1.06 -0.65	18.40 0.88 -2.26	17.11 0.87 -0.93	15.90 0.85 -0.32	15.56 0.84 -0.17	16.22 0.88 -0.17	17.81 0.99 -1.51	18.22 1.05 -1.77	18.60 1.12 -2.10	19.24 1.21 -2.25	19.89 1.34 -0.96	21.06 1.54 -0.48	22.25 1.67 0.00	24.02 1.90 0.00	25.92 1.96 0.00	27.37 2.13 -0.16	32.09 2.28 -2.70	35.49 2.37 -2.74	41.27 1.92 -13.10	33.52 1.94 -5.34	32.16 1.92 -4.99	28.38 1.79 -3.03	23.86 1.67 -2.57	22.25 1.26 -2.73
KINTIGH____ 23543	17.97 -0.36 -0.09	15.16 -0.41 -0.32	15.15 -0.29 -0.13	14.54 -0.24 -0.04	14.19 -0.38 -0.02	14.89 -0.30 -0.02	15.18 -0.34 -0.21	15.24 -0.42 -0.25	15.07 -0.60 -0.30	15.43 -0.66 -0.32	16.85 -0.88 -0.14	18.21 -0.89 -0.07	19.65 -0.93 0.00	21.08 -1.04 0.00	23.33 -0.62 0.00	24.03 -1.05 0.00	26.05 -1.38 -0.33	28.75 -2.01 -0.37	26.65 -1.23 -1.63	25.79 -1.18 -0.73	24.90 -1.04 -0.68	23.06 -0.92 -0.41	19.09 -0.88 -0.35	18.06 -0.58 -0.38
KNTFSRNC_46_KV_46KV_LOAD 80397	18.53 0.29 0.00	15.57 0.32 0.00	15.54 0.23 0.00	14.95 0.22 0.00	14.88 0.33 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.69 0.29 0.00	15.60 0.23 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.52 0.41 0.00	31.14 0.76 0.00	26.99 0.74 0.00	26.74 0.50 0.00	25.74 0.48 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00

LACHUTE____HYDRO 323717	21.41 2.34 -0.83	20.00 1.84 -2.90	18.32 1.82 -1.19	16.89 1.75 -0.41	16.47 1.70 -0.22	17.27 1.88 -0.22	19.08 1.84 -1.94	19.58 1.91 -2.27	20.08 2.01 -2.70	20.80 2.14 -2.88	21.12 2.30 -1.23	22.22 2.57 -0.61	23.40 2.82 0.00	25.04 2.92 0.00	27.02 3.07 0.00	27.88 2.93 0.14	33.15 3.39 -2.66	42.39 4.10 -7.91	63.85 3.88 -33.72	45.51 3.75 -15.52	43.30 3.56 -14.48	35.57 3.20 -8.80	29.60 2.51 -7.46	24.37 2.61 -3.49
LAWRNCAV_115KV_TB1 80681	18.08 -0.16 0.00	15.19 -0.06 0.00	15.21 -0.11 0.00	14.62 -0.10 0.00	14.50 -0.04 0.00	15.02 -0.15 0.00	15.15 -0.15 0.00	15.26 -0.14 0.00	15.20 -0.17 0.00	15.60 -0.17 0.00	17.43 -0.16 0.00	18.83 -0.21 0.00	20.29 -0.29 0.00	21.83 -0.29 0.00	23.62 -0.34 0.00	24.76 -0.33 0.00	26.76 -0.35 0.00	30.26 -0.12 0.00	26.15 -0.11 0.00	26.03 -0.21 0.00	25.13 -0.13 0.00	23.42 -0.14 0.00	19.50 -0.12 0.00	18.17 -0.09 0.00
LEDERLE____ 23769	20.00 1.13 -0.63	18.35 0.92 -2.18	17.11 0.90 -0.89	15.90 0.87 -0.31	15.57 0.86 -0.16	16.21 0.88 -0.16	17.73 0.96 -1.46	18.09 0.99 -1.70	18.43 1.03 -2.03	19.03 1.09 -2.17	19.82 1.30 -0.93	21.02 1.52 -0.46	22.25 1.67 0.00	24.00 1.88 0.00	25.90 1.94 0.00	27.36 2.13 -0.14	32.16 2.47 -2.58	35.60 2.58 -2.64	40.90 2.10 -12.55	33.50 2.13 -5.14	32.08 2.02 -4.80	28.34 1.86 -2.91	23.66 1.57 -2.47	22.13 1.24 -2.63
LIGHTHSE_115KV_TB6 355974	18.25 -0.04 -0.05	15.34 -0.08 -0.17	15.31 -0.08 -0.07	14.68 -0.07 -0.02	14.49 -0.07 -0.01	15.10 -0.08 -0.01	15.34 -0.08 -0.11	15.44 -0.09 -0.13	15.39 -0.14 -0.16	15.80 -0.14 -0.17	17.47 -0.19 -0.07	18.92 -0.15 -0.04	20.44 -0.14 0.00	21.92 -0.20 0.00	23.84 -0.12 0.00	24.91 -0.18 0.00	26.96 -0.33 -0.17	29.98 -0.39 0.00	26.12 -0.13 0.00	26.16 -0.08 0.00	25.23 -0.03 0.00	23.68 0.12 0.00	19.66 0.04 0.00	18.54 0.07 -0.20
LINDEN COGEN____ 23786	19.99 1.09 -0.65	18.46 0.95 -2.26	17.16 0.92 -0.93	15.94 0.90 -0.32	15.62 0.90 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.57 1.09 -2.10	19.20 1.18 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.28 2.47 -2.70	35.64 2.52 -2.74	41.37 2.02 -13.10	33.65 2.07 -5.34	32.32 2.07 -4.99	28.45 1.86 -3.03	23.82 1.63 -2.57	22.27 1.28 -2.73
LINDHRST_69_KV_BK1 356055	26.44 1.59 -6.61	24.91 1.33 -8.33	21.71 1.33 -5.06	20.20 1.28 -4.19	19.78 1.29 -3.94	18.59 1.35 -2.08	18.21 1.39 -1.52	24.74 1.43 -7.91	26.05 1.46 -9.22	27.67 1.53 -10.37	29.31 1.71 -10.01	30.23 1.94 -9.25	31.36 2.14 -8.64	33.35 2.39 -8.85	43.80 2.47 -17.38	39.48 2.76 -11.64	47.91 3.06 -17.74	50.12 3.25 -16.49	50.13 2.73 -21.15	42.52 2.81 -13.47	40.79 2.73 -12.80	36.88 2.50 -10.82	42.66 2.08 -20.97	30.36 1.73 -10.36
LIPA_MISC_IPP 23656	26.24 1.39 -6.61	24.77 1.19 -8.33	21.57 1.19 -5.06	20.10 1.18 -4.19	19.66 1.18 -3.94	18.52 1.27 -2.08	18.17 1.35 -1.52	24.62 1.31 -7.91	25.87 1.28 -9.22	27.50 1.36 -10.37	29.01 1.41 -10.01	29.93 1.64 -9.25	31.05 1.83 -8.64	33.04 2.08 -8.85	43.52 2.18 -17.38	39.23 2.51 -11.64	47.67 2.82 -17.74	49.88 3.01 -16.49	49.92 2.52 -21.15	42.26 2.55 -13.47	40.56 2.50 -12.80	36.65 2.26 -10.82	42.39 1.80 -20.97	30.13 1.50 -10.36
LISF____SOLAR 323691	26.20 1.35 -6.61	24.74 1.16 -8.33	21.54 1.16 -5.06	20.08 1.16 -4.19	19.68 1.19 -3.94	18.53 1.29 -2.08	18.18 1.36 -1.52	24.64 1.32 -7.91	25.88 1.29 -9.22	27.50 1.36 -10.37	29.02 1.42 -10.01	29.95 1.66 -9.25	31.08 1.85 -8.64	33.04 2.08 -8.85	43.57 2.23 -17.38	39.25 2.53 -11.64	47.67 2.82 -17.74	49.94 3.07 -16.49	49.97 2.57 -21.15	42.39 2.68 -13.47	40.61 2.55 -12.80	36.70 2.31 -10.82	42.47 1.88 -20.97	30.14 1.51 -10.36
LITTLE FALLS____HYD 24013	18.35 0.11 0.00	15.33 0.08 0.00	15.39 0.08 0.00	14.79 0.06 0.00	14.61 0.06 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.45 0.05 0.00	15.40 0.03 0.00	15.82 0.05 0.00	17.66 0.07 0.00	19.15 0.11 0.00	20.72 0.14 0.00	22.27 0.15 0.00	24.15 0.19 0.00	25.28 0.20 0.00	27.22 0.11 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.32 0.08 0.00	25.26 0.00 0.00	23.52 -0.05 0.00	19.50 -0.12 0.00	18.10 -0.16 0.00
LITTLRIV_115KV_TB1 356100	18.19 -0.05 0.00	15.27 0.02 0.00	15.28 -0.03 0.00	14.68 -0.04 0.00	14.58 0.03 0.00	15.09 -0.08 0.00	15.23 -0.08 0.00	15.34 -0.06 0.00	15.26 -0.11 0.00	15.66 -0.11 0.00	17.50 -0.09 0.00	18.92 -0.11 0.00	20.39 -0.19 0.00	21.96 -0.15 0.00	23.76 -0.19 0.00	24.93 -0.15 0.00	26.89 -0.22 0.00	30.44 0.06 0.00	26.33 0.08 0.00	26.24 0.00 0.00	25.36 0.10 0.00	23.66 0.09 0.00	19.68 0.06 0.00	18.32 0.05 0.00
LI_NEWBRDGE____DRP 323616	26.20 1.35 -6.61	24.69 1.11 -8.33	21.49 1.12 -5.06	20.01 1.09 -4.19	19.56 1.08 -3.94	18.36 1.12 -2.08	18.00 1.18 -1.52	24.53 1.22 -7.91	25.84 1.25 -9.22	27.45 1.31 -10.37	29.06 1.46 -10.01	29.97 1.68 -9.25	31.03 1.81 -8.64	32.98 2.01 -8.85	43.40 2.06 -17.38	39.03 2.31 -11.64	47.48 2.63 -17.74	49.60 2.73 -16.49	49.69 2.28 -21.15	42.02 2.31 -13.47	40.29 2.22 -12.80	36.41 2.03 -10.82	42.35 1.77 -20.97	30.07 1.44 -10.36
LOCKPORT_115KV_TB60_63_64 80432	17.89 -0.46 -0.10	15.06 -0.53 -0.35	15.06 -0.40 -0.14	14.44 -0.34 -0.05	14.20 -0.38 -0.03	14.84 -0.35 -0.03	15.08 -0.46 -0.23	15.12 -0.55 -0.27	14.91 -0.78 -0.32	15.25 -0.87 -0.34	16.61 -1.13 -0.15	17.95 -1.16 -0.07	19.53 -1.05 0.00	20.92 -1.19 0.00	23.26 -0.69 0.00	23.90 -1.18 0.00	25.73 -1.73 -0.36	28.57 -2.22 -0.41	26.68 -1.37 -1.80	25.76 -1.29 -0.80	24.87 -1.14 -0.75	23.01 -1.01 -0.45	19.02 -0.98 -0.39	17.93 -0.75 -0.42
LOCKPORT____CC1 323769	17.89 -0.46 -0.10	15.06 -0.53 -0.35	15.12 -0.34 -0.14	14.45 -0.32 -0.05	14.21 -0.36 -0.03	14.86 -0.33 -0.03	15.08 -0.46 -0.23	15.12 -0.55 -0.27	14.97 -0.72 -0.32	15.25 -0.87 -0.35	16.61 -1.13 -0.15	17.97 -1.14 -0.07	19.53 -1.05 0.00	20.94 -1.17 0.00	23.07 -0.89 0.00	23.90 -1.18 0.00	25.76 -1.71 -0.36	28.55 -2.25 -0.41	26.70 -1.37 -1.81	25.76 -1.29 -0.81	24.85 -1.16 -0.76	23.01 -1.01 -0.46	19.03 -0.98 -0.39	17.92 -0.77 -0.42
LOCKPORT____CC2 323770	17.89 -0.46 -0.10	15.06 -0.53 -0.35	15.12 -0.34 -0.14	14.45 -0.32 -0.05	14.21 -0.36 -0.03	14.86 -0.33 -0.03	15.08 -0.46 -0.23	15.12 -0.55 -0.27	14.97 -0.72 -0.32	15.25 -0.87 -0.35	16.61 -1.13 -0.15	17.97 -1.14 -0.07	19.53 -1.05 0.00	20.94 -1.17 0.00	23.07 -0.89 0.00	23.90 -1.18 0.00	25.76 -1.71 -0.36	28.55 -2.25 -0.41	26.70 -1.37 -1.81	25.76 -1.29 -0.81	24.85 -1.16 -0.76	23.01 -1.01 -0.46	19.03 -0.98 -0.39	17.92 -0.77 -0.42
LOCKPORT____CC3 323771	17.89 -0.46 -0.10	15.06 -0.53 -0.35	15.12 -0.34 -0.14	14.45 -0.32 -0.05	14.21 -0.36 -0.03	14.86 -0.33 -0.03	15.08 -0.46 -0.23	15.12 -0.55 -0.27	14.97 -0.72 -0.32	15.25 -0.87 -0.35	16.61 -1.13 -0.15	17.97 -1.14 -0.07	19.53 -1.05 0.00	20.94 -1.17 0.00	23.07 -0.89 0.00	23.90 -1.18 0.00	25.76 -1.71 -0.36	28.55 -2.25 -0.41	26.70 -1.37 -1.81	25.76 -1.29 -0.81	24.85 -1.16 -0.76	23.01 -1.01 -0.46	19.03 -0.98 -0.39	17.92 -0.77 -0.42

LONG_LAKE_PHOENIX 24014	18.15 -0.15 -0.05	15.27 -0.17 -0.19	15.24 -0.15 -0.08	14.61 -0.15 -0.03	14.39 -0.17 -0.01	15.01 -0.17 -0.01	15.26 -0.17 -0.13	15.38 -0.17 -0.15	15.36 -0.18 -0.17	15.77 -0.19 -0.19	17.42 -0.25 -0.08	18.83 -0.25 -0.04	20.35 -0.23 0.00	21.83 -0.29 0.00	23.74 -0.22 0.00	24.78 -0.30 0.00	26.92 -0.38 -0.19	29.83 -0.55 0.00	25.94 -0.32 0.00	25.95 -0.29 0.00	25.01 -0.25 0.00	23.33 -0.24 0.00	19.40 -0.22 0.00	18.36 -0.13 -0.23
LOVETT___3 23632	19.91 1.04 -0.63	18.29 0.85 -2.19	17.05 0.84 -0.89	15.84 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.67 0.90 -1.46	18.04 0.92 -1.71	18.38 0.97 -2.04	18.97 1.03 -2.17	19.73 1.21 -0.93	20.91 1.41 -0.46	22.12 1.54 0.00	23.86 1.75 0.00	25.73 1.77 0.00	27.18 1.96 -0.14	31.98 2.28 -2.60	35.37 2.34 -2.65	40.78 1.92 -12.61	33.34 1.94 -5.16	31.92 1.84 -4.82	28.19 1.70 -2.93	23.55 1.45 -2.48	22.05 1.15 -2.64
LOVETT___4 23642	19.91 1.04 -0.63	18.29 0.85 -2.19	17.05 0.84 -0.89	15.84 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.67 0.90 -1.46	18.04 0.92 -1.71	18.38 0.97 -2.04	18.97 1.03 -2.17	19.73 1.21 -0.93	20.91 1.41 -0.46	22.12 1.54 0.00	23.86 1.75 0.00	25.73 1.77 0.00	27.18 1.96 -0.14	31.98 2.28 -2.60	35.37 2.34 -2.65	40.78 1.92 -12.61	33.34 1.94 -5.16	31.92 1.84 -4.82	28.19 1.70 -2.93	23.55 1.45 -2.48	22.05 1.15 -2.64
LOVETT___5 23593	19.91 1.04 -0.63	18.29 0.85 -2.19	17.05 0.84 -0.89	15.84 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.67 0.90 -1.46	18.04 0.92 -1.71	18.38 0.97 -2.04	18.97 1.03 -2.17	19.73 1.21 -0.93	20.91 1.41 -0.46	22.12 1.54 0.00	23.86 1.75 0.00	25.73 1.77 0.00	27.18 1.96 -0.14	31.98 2.28 -2.60	35.37 2.34 -2.65	40.78 1.92 -12.61	33.34 1.94 -5.16	31.92 1.84 -4.82	28.19 1.70 -2.93	23.55 1.45 -2.48	22.05 1.15 -2.64
LOWER RAQUET___HYD 24057	18.10 -0.15 0.00	15.20 -0.05 0.00	15.19 -0.12 0.00	14.63 -0.10 0.00	14.50 -0.04 0.00	15.03 -0.14 0.00	15.17 -0.14 0.00	15.28 -0.12 0.00	15.17 -0.20 0.00	15.61 -0.16 0.00	17.45 -0.14 0.00	18.85 -0.19 0.00	20.31 -0.27 0.00	21.85 -0.26 0.00	23.64 -0.31 0.00	24.78 -0.30 0.00	26.78 -0.32 0.00	30.29 -0.09 0.00	26.17 -0.08 0.00	26.06 -0.18 0.00	25.18 -0.08 0.00	23.47 -0.09 0.00	19.54 -0.08 0.00	18.19 -0.07 0.00
LOWER___HUDSON 24059	20.01 0.95 -0.82	18.87 0.78 -2.84	17.27 0.80 -1.16	15.89 0.77 -0.40	15.50 0.74 -0.21	16.17 0.79 -0.21	17.97 0.76 -1.90	18.38 0.75 -2.22	18.80 0.78 -2.64	19.38 0.79 -2.82	19.71 0.91 -1.21	20.65 1.01 -0.60	21.65 1.07 0.00	23.29 1.17 0.00	25.10 1.15 0.00	26.11 1.20 0.18	31.02 1.41 -2.50	38.97 1.55 -7.04	57.21 1.34 -29.62	41.42 1.36 -13.82	39.46 1.31 -12.89	32.67 1.27 -7.83	27.32 1.06 -6.65	22.65 0.97 -3.42
LOWVILLE_115KV_TB2 356335	18.58 0.31 -0.02	15.55 0.21 -0.09	15.56 0.21 -0.04	14.93 0.19 -0.01	14.77 0.22 -0.01	15.39 0.21 -0.01	15.58 0.21 -0.06	15.67 0.20 -0.07	15.57 0.12 -0.08	15.97 0.11 -0.09	17.73 0.11 -0.04	19.25 0.19 -0.02	20.81 0.23 0.00	22.36 0.24 0.00	24.27 0.31 0.00	25.46 0.38 0.00	27.50 0.30 -0.09	30.84 0.46 0.00	26.88 0.63 0.00	26.92 0.68 0.00	26.02 0.76 0.00	24.39 0.82 0.00	20.21 0.59 0.00	18.91 0.55 -0.10
LUTHERFT_115KV_GLOB_FND_222 355753	20.30 1.22 -0.83	19.14 0.99 -2.90	17.48 0.98 -1.18	16.08 0.94 -0.41	15.70 0.93 -0.22	16.39 1.00 -0.22	18.22 0.98 -1.94	18.64 0.97 -2.26	19.08 1.01 -2.69	19.70 1.06 -2.88	20.00 1.18 -1.23	20.96 1.31 -0.61	22.00 1.42 0.00	23.62 1.50 0.00	25.46 1.51 0.00	26.47 1.53 0.14	31.54 1.79 -2.64	40.26 2.04 -7.84	61.52 1.86 -33.40	43.47 1.84 -15.39	41.39 1.77 -14.36	33.94 1.65 -8.73	28.38 1.35 -7.40	23.07 1.31 -3.49
LUTHERNY_35_KV_BK2 355980	20.32 1.24 -0.83	19.14 0.99 -2.90	17.49 1.00 -1.18	16.09 0.96 -0.41	15.70 0.93 -0.22	16.40 1.02 -0.22	18.22 0.98 -1.94	18.65 0.99 -2.26	19.08 1.01 -2.69	19.70 1.06 -2.88	20.00 1.18 -1.23	20.96 1.31 -0.61	22.00 1.42 0.00	23.64 1.53 0.00	25.49 1.53 0.00	26.49 1.56 0.14	31.57 1.82 -2.64	40.29 2.07 -7.84	61.52 1.86 -33.40	43.49 1.86 -15.39	41.41 1.79 -14.36	33.96 1.67 -8.73	28.38 1.35 -7.40	23.08 1.33 -3.49
LWR___OSWEGATCHIE_HYD 23850	18.32 0.05 -0.02	15.37 0.06 -0.06	15.37 0.03 -0.03	14.77 0.03 -0.01	14.63 0.07 0.00	15.19 0.02 0.00	15.36 0.02 -0.04	15.47 0.02 -0.05	15.38 -0.05 -0.06	15.77 -0.06 -0.06	17.55 -0.07 -0.03	19.01 -0.04 -0.01	20.52 -0.06 0.00	22.05 -0.07 0.00	23.91 -0.05 0.00	25.06 -0.03 0.00	27.09 -0.08 -0.07	30.50 0.12 0.00	26.49 0.24 0.00	26.45 0.21 0.00	25.56 0.30 0.00	23.92 0.35 0.00	19.85 0.24 0.00	18.56 0.22 -0.08
LYONS_FALL_HYD 23570	18.60 0.33 -0.02	15.56 0.23 -0.08	15.58 0.23 -0.03	14.95 0.21 -0.01	14.79 0.23 -0.01	15.40 0.23 -0.01	15.59 0.23 -0.05	15.70 0.23 -0.06	15.62 0.17 -0.08	16.03 0.17 -0.08	17.80 0.18 -0.03	19.32 0.27 -0.02	20.91 0.33 0.00	22.45 0.33 0.00	24.36 0.41 0.00	25.58 0.50 0.00	27.60 0.41 -0.08	30.90 0.52 0.00	26.91 0.66 0.00	26.92 0.68 0.00	25.99 0.73 0.00	24.34 0.78 0.00	20.19 0.57 0.00	18.89 0.53 -0.10
MADISON___COUNTY_LFGE 323628	18.65 0.36 -0.04	15.65 0.26 -0.14	15.63 0.26 -0.06	14.98 0.24 -0.02	14.81 0.25 -0.01	15.45 0.27 -0.01	15.66 0.26 -0.09	15.76 0.25 -0.11	15.70 0.20 -0.13	16.11 0.21 -0.14	17.86 0.21 -0.06	19.39 0.32 -0.03	20.99 0.41 0.00	22.56 0.44 0.00	24.51 0.55 0.00	25.71 0.63 0.00	27.79 0.54 -0.14	30.96 0.58 0.00	26.93 0.68 0.00	26.97 0.73 0.00	26.02 0.76 0.00	24.32 0.75 0.00	20.19 0.57 0.00	18.96 0.53 -0.17
MALONE___115KV_TB1 356076	18.39 0.15 0.00	15.45 0.20 0.00	15.42 0.11 0.00	14.83 0.10 0.00	14.75 0.20 0.00	15.27 0.11 0.00	15.41 0.11 0.00	15.57 0.17 0.00	15.49 0.12 0.00	15.93 0.16 0.00	17.82 0.23 0.00	19.21 0.17 0.00	20.68 0.10 0.00	22.27 0.15 0.00	24.07 0.12 0.00	25.21 0.13 0.00	27.30 0.19 0.00	30.90 0.52 0.00	26.72 0.47 0.00	26.53 0.29 0.00	25.54 0.28 0.00	23.73 0.16 0.00	19.76 0.14 0.00	18.37 0.11 0.00
MAPLEWOD_115KV_TB3 80458	19.93 0.88 -0.82	18.80 0.72 -2.83	17.21 0.74 -1.16	15.85 0.72 -0.40	15.46 0.70 -0.21	16.12 0.74 -0.21	17.91 0.70 -1.90	18.33 0.71 -2.22	18.74 0.74 -2.63	19.34 0.76 -2.81	19.67 0.88 -1.20	20.61 0.97 -0.60	21.63 1.05 0.00	23.29 1.17 0.00	25.08 1.13 0.00	26.22 1.28 0.14	31.18 1.49 -2.59	38.33 1.64 -6.31	54.38 1.44 -26.68	40.06 1.44 -12.38	38.20 1.39 -11.55	31.90 1.32 -7.02	26.65 1.08 -5.96	22.63 0.95 -3.41
MAPLE RIDGE_WT_1 323574	17.97 -0.27 0.00	15.04 -0.21 0.00	15.05 -0.26 0.00	14.48 -0.25 0.00	14.30 -0.25 0.00	14.86 -0.30 0.00	15.00 -0.31 0.00	15.11 -0.29 0.00	15.08 -0.29 0.00	15.52 -0.25 0.00	17.34 -0.25 0.00	18.73 -0.31 0.00	20.21 -0.37 0.00	21.74 -0.38 0.00	23.52 -0.43 0.00	24.60 -0.48 0.00	26.62 -0.49 0.00	29.98 -0.40 0.00	25.86 -0.39 0.00	25.74 -0.50 0.00	24.75 -0.51 0.00	23.00 -0.57 0.00	19.11 -0.51 0.00	17.73 -0.53 0.00

MAPLE_RIDGE_WT_2 323611	17.97 -0.27 0.00	15.04 -0.21 0.00	15.05 -0.26 0.00	14.48 -0.25 0.00	14.30 -0.25 0.00	14.86 -0.30 0.00	15.00 -0.31 0.00	15.11 -0.29 0.00	15.08 -0.29 0.00	15.52 -0.25 0.00	17.34 -0.25 0.00	18.73 -0.31 0.00	20.21 -0.37 0.00	21.74 -0.38 0.00	23.52 -0.43 0.00	24.60 -0.48 0.00	26.62 -0.49 0.00	29.98 -0.40 0.00	25.86 -0.39 0.00	25.74 -0.50 0.00	24.75 -0.51 0.00	23.00 -0.57 0.00	19.11 -0.51 0.00	17.73 -0.53 0.00
MARBLE_RIVER_WT_PWR 323696	18.35 0.11 0.00	15.42 0.17 0.00	15.38 0.06 0.00	14.82 0.09 0.00	14.72 0.18 0.00	15.24 0.08 0.00	15.40 0.09 0.00	15.52 0.12 0.00	15.43 0.06 0.00	15.90 0.13 0.00	17.78 0.19 0.00	19.17 0.13 0.00	20.64 0.06 0.00	22.23 0.11 0.00	24.03 0.07 0.00	25.16 0.08 0.00	27.24 0.14 0.00	30.80 0.43 0.00	26.62 0.37 0.00	26.42 0.18 0.00	25.44 0.18 0.00	23.64 0.07 0.00	19.68 0.06 0.00	18.30 0.04 0.00
MARSHVLE_115KV_TB1 80742	20.59 1.35 -1.00	19.78 1.07 -3.46	17.79 1.06 -1.42	16.23 1.02 -0.49	15.83 1.02 -0.26	16.54 1.11 -0.26	18.71 1.09 -2.32	19.20 1.09 -2.71	19.64 1.05 -3.22	20.27 1.06 -3.44	20.22 1.16 -1.47	21.12 1.35 -0.73	22.08 1.50 0.00	23.75 1.64 0.00	25.73 1.77 0.00	26.95 1.96 0.08	32.61 2.14 -3.36	39.92 2.58 -6.95	58.67 2.52 -29.90	42.45 2.57 -13.64	40.49 2.50 -12.73	33.58 2.29 -7.73	27.97 1.79 -6.56	23.99 1.55 -4.17
MARSH_HILL_WT_PWR 323713	18.52 0.15 -0.14	15.69 -0.03 -0.47	15.55 0.05 -0.19	14.85 0.06 -0.07	14.70 0.12 -0.04	15.29 0.09 -0.04	15.62 0.00 -0.32	15.74 -0.03 -0.37	15.66 -0.15 -0.44	16.00 -0.24 -0.47	17.44 -0.35 -0.20	18.91 -0.23 -0.10	20.60 0.02 0.00	22.14 0.02 0.00	24.27 0.31 0.00	25.26 0.18 0.00	27.32 -0.27 -0.49	30.57 -0.40 -0.58	29.02 0.21 -2.56	27.65 0.26 -1.14	26.55 0.23 -1.07	24.47 0.26 -0.65	20.17 0.00 -0.55	18.72 -0.11 -0.57
MCINTYRE_115KV_TB2 80467	18.15 -0.09 0.00	15.27 0.02 0.00	15.27 -0.05 0.00	14.68 -0.04 0.00	14.56 0.01 0.00	15.08 -0.09 0.00	15.21 -0.09 0.00	15.31 -0.09 0.00	15.23 -0.14 0.00	15.63 -0.14 0.00	17.47 -0.12 0.00	18.89 -0.15 0.00	20.33 -0.25 0.00	21.90 -0.22 0.00	23.69 -0.26 0.00	24.83 -0.25 0.00	26.84 -0.27 0.00	30.41 0.03 0.00	26.30 0.05 0.00	26.21 -0.03 0.00	25.34 0.08 0.00	23.64 0.07 0.00	19.66 0.04 0.00	18.30 0.04 0.00
MECO____69_KV_BK1 80468	21.12 1.93 -0.95	20.06 1.53 -3.29	18.16 1.50 -1.34	16.62 1.43 -0.46	16.21 1.41 -0.25	16.98 1.56 -0.25	19.01 1.50 -2.20	19.47 1.49 -2.57	19.81 1.38 -3.06	20.40 1.36 -3.27	20.46 1.48 -1.40	21.41 1.68 -0.69	22.41 1.83 0.00	24.13 2.01 0.00	26.16 2.20 0.00	27.42 2.43 0.09	33.09 2.82 -3.16	41.38 3.58 -7.42	61.83 3.70 -31.87	44.56 3.78 -14.55	42.47 3.64 -13.57	35.11 3.30 -8.25	29.19 2.57 -7.00	24.49 2.26 -3.96
MENANDS__115KV_TB5 355628	19.69 0.64 -0.81	18.59 0.52 -2.82	17.03 0.57 -1.15	15.67 0.54 -0.39	15.30 0.54 -0.21	15.96 0.58 -0.21	17.70 0.51 -1.89	18.13 0.52 -2.21	18.56 0.57 -2.62	19.14 0.57 -2.80	19.47 0.69 -1.20	20.38 0.74 -0.59	21.36 0.78 0.00	23.00 0.88 0.00	24.77 0.81 0.00	25.90 0.95 0.14	30.82 1.14 -2.58	37.53 1.18 -5.96	52.45 1.00 -25.20	38.94 1.00 -11.71	37.17 0.99 -10.92	31.12 0.92 -6.64	26.04 0.78 -5.63	22.32 0.66 -3.40
MG INDUSTRY__DRP 24185	19.71 0.67 -0.79	18.57 0.56 -2.76	17.04 0.60 -1.13	15.69 0.57 -0.39	15.32 0.57 -0.21	15.98 0.61 -0.21	17.70 0.55 -1.85	18.13 0.57 -2.16	18.54 0.60 -2.56	19.11 0.60 -2.74	19.46 0.70 -1.17	20.38 0.76 -0.58	21.42 0.84 0.00	23.05 0.93 0.00	24.87 0.91 0.00	26.03 1.03 0.08	30.92 1.17 -2.65	36.30 1.25 -4.68	47.28 1.08 -19.95	36.50 1.08 -9.18	34.89 1.06 -8.57	29.76 0.99 -5.20	24.86 0.82 -4.42	22.30 0.71 -3.32
MID__OSWEGATCHIE_HYD 23849	18.32 0.05 -0.02	15.37 0.06 -0.06	15.37 0.03 -0.03	14.77 0.03 -0.01	14.63 0.07 0.00	15.19 0.02 0.00	15.36 0.02 -0.04	15.47 0.02 -0.05	15.38 -0.05 -0.06	15.77 -0.06 -0.06	17.55 -0.07 -0.03	19.01 -0.04 -0.01	20.52 -0.06 0.00	22.05 -0.07 0.00	23.91 -0.05 0.00	25.06 -0.03 0.00	27.09 -0.08 -0.07	30.50 0.12 0.00	26.49 0.24 0.00	26.45 0.21 0.00	25.56 0.30 0.00	23.92 0.35 0.00	19.85 0.24 0.00	18.56 0.22 -0.08
MID__RAQUETTE_HYD 23851	18.10 -0.15 0.00	15.20 -0.05 0.00	15.21 -0.11 0.00	14.62 -0.10 0.00	14.50 -0.04 0.00	15.03 -0.14 0.00	15.17 -0.14 0.00	15.28 -0.12 0.00	15.20 -0.17 0.00	15.61 -0.16 0.00	17.45 -0.14 0.00	18.85 -0.19 0.00	20.31 -0.27 0.00	21.85 -0.27 0.00	23.64 -0.31 0.00	24.78 -0.30 0.00	26.78 -0.33 0.00	30.29 -0.09 0.00	26.17 -0.08 0.00	26.05 -0.18 0.00	25.18 -0.08 0.00	23.47 -0.09 0.00	19.54 -0.08 0.00	18.19 -0.07 0.00
MILLIKEN__1 23584	18.70 0.33 -0.13	15.94 0.23 -0.46	15.73 0.23 -0.19	15.01 0.22 -0.06	14.80 0.22 -0.03	15.44 0.24 -0.03	15.83 0.21 -0.31	15.98 0.22 -0.36	15.97 0.17 -0.43	16.38 0.16 -0.46	17.92 0.14 -0.19	19.38 0.25 -0.10	20.91 0.33 0.00	22.47 0.35 0.00	24.48 0.53 0.00	25.58 0.50 0.00	28.01 0.43 -0.47	31.39 0.43 -0.59	29.45 0.63 -2.57	28.09 0.71 -1.15	27.04 0.71 -1.07	24.92 0.71 -0.65	20.66 0.49 -0.55	19.25 0.44 -0.55
MILLIKEN__2 23585	18.70 0.33 -0.13	15.94 0.23 -0.46	15.73 0.23 -0.19	15.01 0.22 -0.06	14.80 0.22 -0.03	15.44 0.24 -0.03	15.83 0.21 -0.31	15.98 0.22 -0.36	15.97 0.17 -0.43	16.38 0.16 -0.46	17.92 0.14 -0.19	19.38 0.25 -0.10	20.91 0.33 0.00	22.47 0.35 0.00	24.48 0.53 0.00	25.58 0.50 0.00	28.01 0.43 -0.47	31.39 0.43 -0.59	29.45 0.63 -2.57	28.09 0.71 -1.15	27.04 0.71 -1.07	24.92 0.71 -0.65	20.66 0.49 -0.55	19.25 0.44 -0.55
MILLIKEN__DIESEL 23629	18.70 0.33 -0.13	15.94 0.23 -0.46	15.73 0.23 -0.19	15.01 0.22 -0.06	14.80 0.22 -0.03	15.44 0.24 -0.03	15.83 0.21 -0.31	15.98 0.22 -0.36	15.97 0.17 -0.43	16.38 0.16 -0.46	17.92 0.14 -0.19	19.38 0.25 -0.10	20.91 0.33 0.00	22.47 0.35 0.00	24.48 0.53 0.00	25.58 0.50 0.00	28.01 0.43 -0.47	31.39 0.43 -0.59	29.45 0.63 -2.57	28.09 0.71 -1.15	27.04 0.71 -1.07	24.92 0.71 -0.65	20.66 0.49 -0.55	19.25 0.44 -0.55
MILLSEAT__LFGE 323607	18.12 -0.22 -0.10	15.24 -0.35 -0.34	15.30 -0.15 -0.14	14.61 -0.16 -0.05	14.36 -0.22 -0.03	15.01 -0.18 -0.03	15.26 -0.28 -0.22	15.29 -0.37 -0.26	15.18 -0.51 -0.31	15.46 -0.65 -0.33	16.87 -0.86 -0.14	18.25 -0.86 -0.07	19.82 -0.76 0.00	21.25 -0.86 0.00	23.45 -0.50 0.00	24.30 -0.78 0.00	26.23 -1.22 -0.35	29.07 -1.70 -0.40	27.09 -0.89 -1.73	26.23 -0.79 -0.77	25.28 -0.71 -0.72	23.42 -0.59 -0.44	19.34 -0.65 -0.37	18.19 -0.47 -0.40
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.99 1.09 -0.65	18.40 0.90 -2.25	17.14 0.90 -0.92	15.90 0.85 -0.32	15.58 0.86 -0.17	16.22 0.88 -0.17	17.76 0.95 -1.51	18.13 0.97 -1.76	18.48 1.01 -2.09	19.08 1.07 -2.24	19.81 1.27 -0.96	20.98 1.47 -0.47	22.18 1.61 0.00	23.91 1.79 0.00	25.78 1.82 0.00	27.24 2.01 -0.15	32.12 2.33 -2.68	35.53 2.43 -2.72	41.27 2.00 -13.02	33.54 1.99 -5.31	32.14 1.92 -4.96	28.32 1.74 -3.01	23.67 1.49 -2.56	22.18 1.21 -2.71

MILLWOOD_13_KV_LOAD 356217	20.02 1.13 -0.65	18.43 0.93 -2.25	17.17 0.93 -0.92	15.93 0.88 -0.32	15.59 0.87 -0.17	16.23 0.89 -0.17	17.78 0.96 -1.51	18.13 0.97 -1.76	18.48 1.01 -2.09	19.10 1.09 -2.24	19.85 1.30 -0.96	21.02 1.50 -0.47	22.25 1.67 0.00	24.00 1.88 0.00	25.87 1.92 0.00	27.34 2.11 -0.15	32.23 2.44 -2.68	35.66 2.55 -2.72	41.37 2.10 -13.02	33.65 2.10 -5.31	32.21 2.00 -4.96	28.41 1.84 -3.01	23.70 1.53 -2.56	22.22 1.24 -2.71
MODEL_CITY_ENERGY 24167	17.69 -0.66 -0.10	14.92 -0.69 -0.35	14.97 -0.49 -0.14	14.31 -0.47 -0.05	14.06 -0.51 -0.03	14.71 -0.49 -0.03	14.94 -0.60 -0.24	14.97 -0.71 -0.28	14.82 -0.88 -0.33	15.10 -1.02 -0.35	16.44 -1.30 -0.15	17.78 -1.33 -0.07	19.30 -1.28 0.00	20.68 -1.44 0.00	22.81 -1.15 0.00	23.60 -1.48 0.00	25.47 -2.01 -0.36	28.19 -2.61 -0.42	26.38 -1.71 -1.84	25.46 -1.60 -0.82	24.59 -1.44 -0.77	22.76 -1.27 -0.46	18.82 -1.20 -0.39	17.72 -0.97 -0.42
MODERN_LFGE_ 323580	17.69 -0.66 -0.10	14.92 -0.69 -0.35	14.97 -0.49 -0.14	14.31 -0.47 -0.05	14.06 -0.51 -0.03	14.71 -0.49 -0.03	14.94 -0.60 -0.24	14.97 -0.71 -0.28	14.82 -0.88 -0.33	15.10 -1.02 -0.35	16.44 -1.30 -0.15	17.78 -1.33 -0.07	19.30 -1.28 0.00	20.68 -1.44 0.00	22.81 -1.15 0.00	23.60 -1.48 0.00	25.47 -2.01 -0.36	28.19 -2.61 -0.42	26.38 -1.71 -1.84	25.46 -1.60 -0.82	24.59 -1.44 -0.77	22.76 -1.27 -0.46	18.82 -1.20 -0.39	17.72 -0.97 -0.42
MOHAWK_PAPER___DRP 24187	19.93 0.88 -0.82	18.80 0.72 -2.83	17.21 0.74 -1.16	15.85 0.72 -0.40	15.46 0.70 -0.21	16.12 0.74 -0.21	17.91 0.70 -1.90	18.33 0.71 -2.22	18.74 0.74 -2.63	19.34 0.76 -2.81	19.67 0.88 -1.20	20.61 0.97 -0.60	21.63 1.05 0.00	23.29 1.17 0.00	25.08 1.13 0.00	26.22 1.28 0.14	31.18 1.49 -2.59	38.33 1.64 -6.31	54.38 1.44 -26.68	40.06 1.44 -12.38	38.20 1.39 -11.55	31.90 1.32 -7.02	26.65 1.08 -5.96	22.63 0.95 -3.41
MOHICAN__35_KV_115KV_LD 80490	20.59 1.51 -0.83	19.35 1.20 -2.90	17.68 1.18 -1.18	16.27 1.13 -0.41	15.89 1.12 -0.22	16.60 1.21 -0.22	18.42 1.18 -1.94	18.87 1.20 -2.27	19.33 1.26 -2.69	19.98 1.32 -2.88	20.23 1.41 -1.23	21.21 1.56 -0.61	22.29 1.71 0.00	23.86 1.75 0.00	25.73 1.77 0.00	26.47 1.53 0.14	31.68 1.92 -2.65	40.57 2.31 -7.88	61.99 2.15 -33.59	43.83 2.13 -15.47	41.74 2.05 -14.43	34.19 1.86 -8.77	28.55 1.49 -7.44	23.42 1.66 -3.49
MONGAUP___HYD 23641	19.77 0.93 -0.60	18.05 0.73 -2.07	16.90 0.74 -0.85	15.71 0.69 -0.29	15.40 0.70 -0.16	16.04 0.71 -0.16	17.46 0.76 -1.38	17.79 0.77 -1.62	18.11 0.81 -1.92	18.65 0.82 -2.06	19.42 0.95 -0.88	20.64 1.16 -0.44	21.88 1.30 0.00	23.55 1.44 0.00	25.47 1.51 0.00	26.84 1.63 -0.13	31.49 1.95 -2.43	35.10 2.22 -2.50	39.94 1.84 -11.85	32.92 1.81 -4.88	31.55 1.74 -4.55	27.91 1.58 -2.76	23.30 1.33 -2.35	21.80 1.04 -2.49
MONTAUK___DIESEL 23721	26.93 2.08 -6.61	25.35 1.77 -8.33	22.13 1.76 -5.06	20.63 1.71 -4.19	20.17 1.69 -3.94	19.05 1.80 -2.08	18.69 1.87 -1.52	25.22 1.91 -7.91	26.48 1.89 -9.22	28.18 2.03 -10.37	29.80 2.20 -10.01	30.81 2.51 -9.25	32.06 2.84 -8.64	34.08 3.12 -8.85	44.71 3.38 -17.38	40.55 3.84 -11.64	49.16 4.31 -17.74	51.52 4.65 -16.49	51.37 3.96 -21.15	43.65 3.94 -13.47	41.78 3.71 -12.80	37.76 3.37 -10.82	43.23 2.65 -20.97	30.87 2.25 -10.36
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.27 -0.09 -0.12	15.29 -0.37 -0.41	15.11 -0.37 -0.17	14.40 -0.38 -0.06	14.35 -0.23 -0.03	14.86 -0.33 -0.03	15.13 -0.44 -0.27	15.30 -0.42 -0.32	15.18 -0.57 -0.38	15.62 -0.55 -0.40	17.15 -0.62 -0.17	18.55 -0.57 -0.09	20.48 -0.10 0.00	21.98 -0.13 0.00	24.29 0.34 0.00	25.08 0.00 0.00	26.80 -0.73 -0.42	29.96 -0.91 -0.49	28.10 -0.32 -2.16	26.89 -0.31 -0.97	25.86 -0.30 -0.90	23.92 -0.19 -0.55	19.75 -0.33 -0.47	18.21 -0.55 -0.49
MORTIMER_115KV_TB3 55949	18.22 -0.11 -0.08	15.34 -0.20 -0.29	15.32 -0.11 -0.12	14.69 -0.07 -0.04	14.37 -0.20 -0.02	15.04 -0.15 -0.02	15.34 -0.15 -0.19	15.43 -0.20 -0.22	15.35 -0.29 -0.27	15.72 -0.33 -0.28	17.25 -0.46 -0.12	18.68 -0.42 -0.06	20.15 -0.43 0.00	21.63 -0.49 0.00	23.86 -0.10 0.00	24.68 -0.40 0.00	26.78 -0.62 -0.29	29.61 -1.09 -0.33	27.16 -0.53 -1.43	26.41 -0.47 -0.64	25.43 -0.43 -0.60	23.57 -0.35 -0.36	19.52 -0.41 -0.31	18.39 -0.22 -0.34
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.08 1.19 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.58 1.11 -2.10	19.20 1.18 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.36 2.55 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	23.84 1.65 -2.57	22.30 1.31 -2.73
MUNSVILLE_WIND_PWR 323609	19.55 1.11 -0.20	16.76 0.82 -0.69	16.42 0.83 -0.28	15.62 0.79 -0.10	15.41 0.81 -0.05	16.08 0.86 -0.05	16.62 0.86 -0.46	16.79 0.85 -0.54	16.69 0.68 -0.64	17.12 0.66 -0.68	18.57 0.69 -0.29	20.17 0.99 -0.14	21.79 1.21 0.00	23.44 1.33 0.00	25.54 1.58 0.00	26.91 1.83 0.00	29.50 1.68 -0.71	33.40 1.92 -1.11	33.24 2.13 -4.86	30.69 2.28 -2.17	29.58 2.30 -2.03	27.04 2.24 -1.23	22.27 1.61 -1.04	20.48 1.39 -0.83
N SALMON___HYD 24042	18.39 0.15 0.00	15.45 0.20 0.00	15.41 0.09 0.00	14.83 0.10 0.00	14.75 0.20 0.00	15.27 0.11 0.00	15.41 0.11 0.00	15.57 0.17 0.00	15.46 0.09 0.00	15.93 0.16 0.00	17.82 0.23 0.00	19.21 0.17 0.00	20.68 0.10 0.00	22.27 0.16 0.00	24.10 0.14 0.00	25.21 0.13 0.00	27.30 0.19 0.00	30.90 0.52 0.00	26.73 0.47 0.00	26.53 0.29 0.00	25.54 0.28 0.00	23.73 0.17 0.00	19.76 0.14 0.00	18.37 0.11 0.00
N.AKRON__115KV_KNAPP 355671	18.14 -0.20 -0.10	15.25 -0.34 -0.34	15.25 -0.20 -0.14	14.63 -0.15 -0.05	14.37 -0.20 -0.03	15.03 -0.17 -0.03	15.27 -0.26 -0.23	15.31 -0.35 -0.26	15.13 -0.55 -0.31	15.48 -0.63 -0.34	16.87 -0.86 -0.14	18.25 -0.86 -0.07	19.84 -0.74 0.00	21.28 -0.84 0.00	23.64 -0.31 0.00	24.33 -0.75 0.00	26.24 -1.22 -0.35	29.11 -1.67 -0.40	27.11 -0.89 -1.75	26.23 -0.79 -0.78	25.31 -0.68 -0.73	23.44 -0.57 -0.44	19.35 -0.65 -0.38	18.21 -0.46 -0.41
N.BELMOR_69_KV_BK1 55787	26.33 1.48 -6.61	24.82 1.24 -8.33	21.60 1.23 -5.06	20.10 1.18 -4.19	19.66 1.18 -3.94	18.46 1.21 -2.08	18.08 1.26 -1.52	24.62 1.31 -7.91	25.93 1.34 -9.22	27.56 1.42 -10.37	29.20 1.60 -10.01	30.12 1.83 -9.25	31.20 1.98 -8.64	33.18 2.21 -8.85	43.61 2.28 -17.38	39.20 2.48 -11.64	47.70 2.85 -17.74	49.85 2.98 -16.49	49.90 2.49 -21.15	42.23 2.52 -13.47	40.49 2.42 -12.80	36.65 2.26 -10.82	42.53 1.94 -20.97	30.23 1.61 -10.36
N.E._GEN_SANDY PD 24062	19.96 0.98 -0.74	19.50 0.81 -3.44	18.20 0.83 -2.06	17.30 0.79 -1.78	16.90 0.79 -1.57	17.30 0.82 -1.31	18.00 0.83 -1.87	18.20 0.80 -2.00	18.59 0.84 -2.38	19.15 0.84 -2.54	19.66 0.98 -1.09	20.66 1.08 -0.54	21.71 1.13 0.00	23.40 1.28 0.00	25.20 1.24 0.00	25.45 1.33 0.96	29.00 1.54 -0.35	35.68 1.61 -3.69	37.10 1.34 -9.51	35.00 1.36 -7.40	33.50 1.34 -6.90	29.03 1.27 -4.19	24.30 1.12 -3.56	22.29 0.95 -3.08

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.93 1.06 -0.63	18.30 0.87 -2.19	17.07 0.86 -0.89	15.86 0.82 -0.31	15.53 0.81 -0.16	16.17 0.83 -0.16	17.69 0.92 -1.46	18.05 0.94 -1.71	18.39 0.98 -2.03	18.98 1.04 -2.17	19.75 1.23 -0.93	20.95 1.45 -0.46	22.16 1.58 0.00	23.91 1.79 0.00	25.78 1.82 0.00	27.23 2.01 -0.14	32.03 2.33 -2.59	35.45 2.43 -2.64	40.80 1.97 -12.58	33.39 1.99 -5.15	31.96 1.89 -4.81	28.23 1.74 -2.92	23.57 1.47 -2.48	22.06 1.17 -2.63
N. QUEENS_27_KV_LOAD 356247	20.21 1.31 -0.65	18.61 1.10 -2.26	17.30 1.06 -0.93	16.13 1.09 -0.32	15.81 1.09 -0.17	16.38 1.05 -0.17	17.85 1.03 -1.51	18.22 1.05 -1.77	18.51 1.03 -2.10	19.16 1.14 -2.25	19.92 1.37 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.56 2.21 -13.10	33.71 2.13 -5.34	32.32 2.07 -4.99	28.48 1.89 -3.03	24.01 1.82 -2.57	22.45 1.46 -2.73
N. TROY___115KV_TB1 355778	20.01 0.95 -0.82	18.87 0.78 -2.84	17.26 0.78 -1.16	15.88 0.75 -0.40	15.50 0.74 -0.21	16.17 0.79 -0.21	17.97 0.77 -1.90	18.38 0.75 -2.22	18.80 0.78 -2.64	19.38 0.79 -2.82	19.71 0.91 -1.21	20.65 1.01 -0.60	21.65 1.07 0.00	23.29 1.17 0.00	25.08 1.13 0.00	26.11 1.20 0.18	31.02 1.41 -2.50	38.97 1.55 -7.04	57.21 1.34 -29.62	41.42 1.36 -13.82	39.47 1.31 -12.89	32.67 1.27 -7.83	27.33 1.06 -6.65	22.65 0.97 -3.42
NARROWS_GT1_1 24228	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_2 24229	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_3 24230	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_4 24231	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_5 24232	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_6 24233	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_7 24234	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT1_8 24235	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_1 24236	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_2 24237	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_3 24238	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_4 24239	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73

NARROWS_GT2_5 24240	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_6 24241	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_7 24242	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NARROWS_GT2_8 24243	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.65 0.64 -0.76	18.39 0.49 -2.65	16.94 0.54 -1.08	15.66 0.56 -0.37	15.34 0.60 -0.20	16.00 0.64 -0.20	17.56 0.47 -1.78	17.99 0.51 -2.08	18.42 0.58 -2.47	18.98 0.57 -2.64	19.39 0.67 -1.13	20.40 0.80 -0.56	21.63 1.05 0.00	23.29 1.17 0.00	25.10 1.15 0.00	26.51 1.48 0.05	31.48 1.76 -2.61	36.53 1.70 -4.44	46.82 1.44 -19.12	36.35 1.39 -8.72	34.71 1.31 -8.13	29.71 1.20 -4.94	24.73 0.92 -4.19	22.23 0.77 -3.20
NCHELSEA_115KV_TR2 355582	19.99 1.09 -0.65	18.41 0.88 -2.27	17.13 0.89 -0.93	15.89 0.84 -0.32	15.56 0.84 -0.17	16.20 0.86 -0.17	17.74 0.92 -1.52	18.10 0.92 -1.78	18.47 0.98 -2.11	19.05 1.03 -2.26	19.77 1.21 -0.96	20.98 1.47 -0.48	22.23 1.65 0.00	23.97 1.86 0.00	25.85 1.89 0.00	27.29 2.08 -0.12	32.18 2.44 -2.63	35.73 2.58 -2.76	41.33 2.10 -12.97	33.73 2.10 -5.40	32.26 1.97 -5.03	28.44 1.81 -3.06	23.73 1.51 -2.60	22.20 1.21 -2.74
NEG CAPITAL___MECHNVIL 23645	20.29 1.22 -0.83	19.12 0.99 -2.88	17.47 0.98 -1.18	16.07 0.94 -0.40	15.70 0.93 -0.22	16.38 1.00 -0.22	18.20 0.96 -1.93	18.62 0.97 -2.25	19.06 1.01 -2.68	19.69 1.06 -2.86	19.99 1.18 -1.22	20.96 1.31 -0.61	22.00 1.42 0.00	23.64 1.52 0.00	25.51 1.56 0.00	26.53 1.61 0.15	31.55 1.84 -2.60	40.11 2.09 -7.64	60.55 1.89 -32.40	43.12 1.89 -14.99	41.06 1.82 -13.98	33.73 1.67 -8.50	28.20 1.37 -7.21	23.05 1.32 -3.47
NEG CENTRAL_HIGH_ACRES 23767	17.94 -0.38 -0.08	15.12 -0.41 -0.28	15.11 -0.32 -0.11	14.43 -0.34 -0.04	14.13 -0.44 -0.02	14.79 -0.39 -0.02	15.09 -0.40 -0.19	15.20 -0.42 -0.22	15.20 -0.43 -0.26	15.56 -0.49 -0.28	17.09 -0.62 -0.12	18.53 -0.57 -0.06	19.98 -0.60 0.00	21.47 -0.64 0.00	23.52 -0.43 0.00	24.48 -0.60 0.00	26.58 -0.81 -0.29	29.45 -1.25 -0.32	26.90 -0.73 -1.39	26.18 -0.68 -0.62	25.18 -0.66 -0.58	23.35 -0.57 -0.35	19.33 -0.59 -0.30	18.18 -0.42 -0.33
NEG CENTRAL___DRP 24199	18.35 0.02 -0.09	15.51 -0.05 -0.30	15.41 -0.03 -0.12	14.74 -0.03 -0.04	14.53 -0.04 -0.02	15.17 -0.02 -0.02	15.46 -0.05 -0.20	15.59 -0.05 -0.24	15.56 -0.09 -0.28	15.96 -0.11 -0.30	17.56 -0.16 -0.13	19.03 -0.08 -0.06	20.58 0.00 0.00	22.12 0.00 0.00	24.19 0.24 0.00	25.18 0.10 0.00	27.36 -0.05 -0.31	30.52 -0.21 -0.35	27.95 0.16 -1.54	27.11 0.18 -0.69	26.08 0.18 -0.64	24.17 0.21 -0.39	20.03 0.08 -0.33	18.70 0.07 -0.36
NEG CENTRAL___INDECK 23768	18.70 0.35 -0.11	15.78 0.14 -0.40	15.72 0.24 -0.16	15.00 0.22 -0.06	14.75 0.18 -0.03	15.41 0.21 -0.03	15.66 0.09 -0.27	15.62 -0.09 -0.31	15.40 -0.34 -0.37	15.68 -0.49 -0.39	17.07 -0.69 -0.17	18.48 -0.65 -0.08	20.04 -0.54 0.00	21.54 -0.58 0.00	23.67 -0.29 0.00	24.60 -0.48 0.00	26.81 -0.70 -0.41	30.04 -0.82 -0.48	28.41 0.05 -2.11	27.60 0.42 -0.94	26.64 0.50 -0.88	24.62 0.52 -0.53	20.29 0.22 -0.45	18.98 0.24 -0.48
NEG CENTRAL___SENECA 23627	18.41 0.07 -0.10	15.55 -0.03 -0.33	15.44 -0.02 -0.14	14.77 0.00 -0.05	14.56 -0.01 -0.03	15.21 0.02 -0.03	15.51 -0.02 -0.22	15.63 -0.03 -0.26	15.59 -0.09 -0.31	15.98 -0.13 -0.33	17.54 -0.19 -0.14	19.01 -0.10 -0.07	20.60 0.02 0.00	22.14 0.02 0.00	24.27 0.31 0.00	25.26 0.18 0.00	27.43 -0.03 -0.34	30.56 -0.21 -0.39	28.22 0.24 -1.73	27.27 0.26 -0.77	26.23 0.25 -0.72	24.29 0.28 -0.44	20.09 0.10 -0.37	18.74 0.07 -0.40
NEG CENTRAL___STATE_STREET 24147	18.46 0.13 -0.08	15.59 0.05 -0.29	15.50 0.06 -0.12	14.81 0.04 -0.04	14.60 0.03 -0.02	15.23 0.05 -0.02	15.52 0.02 -0.20	15.68 0.05 -0.23	15.69 0.05 -0.27	16.13 0.06 -0.29	17.77 0.05 -0.13	19.23 0.13 -0.06	20.79 0.21 0.00	22.34 0.22 0.00	24.39 0.43 0.00	25.38 0.30 0.00	27.63 0.22 -0.30	30.84 0.12 -0.34	28.10 0.34 -1.51	27.31 0.39 -0.67	26.24 0.35 -0.63	24.32 0.38 -0.38	20.18 0.24 -0.32	18.85 0.24 -0.35
NEG MILLWOOD___DRP 24198	20.11 1.20 -0.66	18.50 0.96 -2.29	17.22 0.96 -0.94	15.96 0.91 -0.32	15.61 0.89 -0.17	16.26 0.93 -0.17	17.80 0.96 -1.53	18.13 0.94 -1.79	18.53 1.03 -2.13	19.15 1.10 -2.28	19.90 1.34 -0.97	21.06 1.54 -0.48	22.39 1.81 0.00	24.15 2.03 0.00	26.06 2.11 0.00	27.50 2.28 -0.14	32.42 2.63 -2.68	35.99 2.83 -2.78	41.71 2.31 -13.15	33.97 2.31 -5.43	32.47 2.15 -5.06	28.62 1.98 -3.08	23.82 1.59 -2.61	22.34 1.31 -2.76
NEG NORTH_FLCN_SEA 23793	18.55 0.31 0.00	15.59 0.34 0.00	15.56 0.25 0.00	14.96 0.24 0.00	14.88 0.33 0.00	15.41 0.24 0.00	15.55 0.24 0.00	15.69 0.29 0.00	15.62 0.25 0.00	16.06 0.28 0.00	17.98 0.39 0.00	19.38 0.34 0.00	20.87 0.29 0.00	22.47 0.35 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.54 0.43 0.00	31.14 0.76 0.00	26.93 0.68 0.00	26.71 0.47 0.00	25.71 0.45 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	18.35 0.11 0.00	15.42 0.17 0.00	15.39 0.08 0.00	14.80 0.07 0.00	14.72 0.17 0.00	15.24 0.08 0.00	15.38 0.08 0.00	15.51 0.11 0.00	15.43 0.06 0.00	15.87 0.09 0.00	17.75 0.16 0.00	19.13 0.10 0.00	20.60 0.02 0.00	22.18 0.07 0.00	23.98 0.02 0.00	25.11 0.03 0.00	27.19 0.08 0.00	30.77 0.39 0.00	26.59 0.34 0.00	26.40 0.16 0.00	25.41 0.15 0.00	23.61 0.05 0.00	19.66 0.04 0.00	18.28 0.02 0.00



NEG NORTH___ALICE_FALLS 23915	18.53 0.29 0.00	15.57 0.32 0.00	15.54 0.23 0.00	14.95 0.22 0.00	14.88 0.33 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.69 0.29 0.00	15.60 0.23 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.52 0.41 0.00	31.14 0.76 0.00	26.99 0.74 0.00	26.74 0.50 0.00	25.74 0.48 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	18.53 0.29 0.00	15.57 0.32 0.00	15.54 0.23 0.00	14.95 0.22 0.00	14.88 0.33 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.69 0.29 0.00	15.60 0.23 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.52 0.41 0.00	31.14 0.76 0.00	26.99 0.74 0.00	26.74 0.50 0.00	25.74 0.48 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
NEG NORTH___PLATTSBURG 23628	18.53 0.29 0.00	15.57 0.32 0.00	15.53 0.21 0.00	14.95 0.22 0.00	14.88 0.33 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.69 0.29 0.00	15.57 0.20 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.41 0.33 0.00	27.52 0.41 0.00	31.14 0.76 0.00	26.99 0.73 0.00	26.74 0.50 0.00	25.74 0.48 0.00	23.89 0.33 0.00	19.89 0.27 0.00	18.50 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	17.89 -0.46 -0.10	15.07 -0.53 -0.35	15.06 -0.40 -0.14	14.44 -0.34 -0.05	14.21 -0.36 -0.03	14.86 -0.33 -0.03	15.10 -0.44 -0.23	15.12 -0.55 -0.27	14.91 -0.78 -0.32	15.25 -0.87 -0.35	16.61 -1.13 -0.15	17.97 -1.14 -0.07	19.53 -1.05 0.00	20.94 -1.17 0.00	23.26 -0.69 0.00	23.90 -1.18 0.00	25.73 -1.73 -0.36	28.58 -2.22 -0.41	26.70 -1.37 -1.81	25.76 -1.29 -0.81	24.88 -1.14 -0.76	23.01 -1.01 -0.46	19.03 -0.98 -0.39	17.93 -0.75 -0.42
NEG WEST___LANCASTR 23811	17.54 -0.82 -0.12	14.79 -0.87 -0.41	14.72 -0.77 -0.17	14.08 -0.71 -0.06	14.36 -0.22 -0.03	14.76 -0.44 -0.03	14.80 -0.78 -0.27	14.89 -0.83 -0.32	14.70 -1.05 -0.38	15.06 -1.12 -0.40	16.43 -1.34 -0.17	17.77 -1.35 -0.09	19.78 -0.80 0.00	21.23 -0.88 0.00	23.48 -0.48 0.00	24.25 -0.83 0.00	25.60 -1.92 -0.42	29.11 -1.76 -0.49	27.42 -1.00 -2.16	26.29 -0.92 -0.97	25.33 -0.83 -0.90	23.41 -0.71 -0.55	19.34 -0.75 -0.47	17.68 -1.08 -0.49
NEG_PENN_ALLEGHNY 23528	18.65 0.20 -0.21	16.09 0.11 -0.73	15.75 0.14 -0.30	14.96 0.13 -0.10	14.76 0.16 -0.05	15.37 0.15 -0.05	15.91 0.12 -0.49	16.09 0.12 -0.57	16.14 0.09 -0.68	16.56 0.06 -0.72	17.95 0.05 -0.31	19.34 0.15 -0.15	20.85 0.27 0.00	22.43 0.31 0.00	24.41 0.45 0.00	25.51 0.43 0.00	28.10 0.24 -0.75	31.56 0.21 -0.96	30.87 0.39 -4.22	28.57 0.45 -1.89	27.47 0.46 -1.76	25.08 0.45 -1.07	20.84 0.31 -0.91	19.34 0.20 -0.88
NEG___GEN_MONROE 24207	18.13 -0.20 -0.08	15.28 -0.26 -0.29	15.33 -0.11 -0.12	14.69 -0.07 -0.04	14.38 -0.19 -0.02	15.04 -0.15 -0.02	15.36 -0.14 -0.19	15.38 -0.25 -0.23	15.27 -0.37 -0.27	15.65 -0.41 -0.29	17.18 -0.53 -0.12	18.59 -0.51 -0.06	20.02 -0.56 0.00	21.52 -0.60 0.00	23.76 -0.19 0.00	24.66 -0.43 0.00	26.73 -0.68 -0.30	29.50 -1.22 -0.33	27.10 -0.60 -1.45	26.34 -0.55 -0.65	25.36 -0.51 -0.60	23.53 -0.40 -0.37	19.46 -0.47 -0.31	18.32 -0.29 -0.35
NEPA___ENERGY 23901	18.09 -0.27 -0.12	15.26 -0.40 -0.41	15.16 -0.32 -0.17	14.51 -0.28 -0.06	14.43 -0.15 -0.03	14.99 -0.21 -0.03	15.24 -0.34 -0.28	15.35 -0.37 -0.32	15.17 -0.58 -0.38	15.55 -0.63 -0.41	16.99 -0.77 -0.17	18.38 -0.74 -0.09	20.11 -0.47 0.00	21.59 -0.53 0.00	23.86 -0.10 0.00	24.66 -0.43 0.00	26.45 -1.08 -0.42	29.57 -1.31 -0.50	27.81 -0.63 -2.19	26.67 -0.55 -0.98	25.69 -0.48 -0.91	23.77 -0.35 -0.55	19.64 -0.45 -0.47	18.21 -0.55 -0.50
NEVERSINK___HYD 23608	19.47 0.64 -0.59	17.78 0.49 -2.04	16.64 0.49 -0.83	15.45 0.44 -0.29	15.15 0.45 -0.15	15.78 0.45 -0.15	17.19 0.52 -1.36	17.52 0.52 -1.59	17.84 0.57 -1.90	18.38 0.58 -2.03	19.16 0.70 -0.87	20.38 0.91 -0.43	21.63 1.05 0.00	23.33 1.22 0.00	25.22 1.27 0.00	26.57 1.40 -0.08	31.09 1.68 -2.30	34.81 1.85 -2.57	39.61 1.50 -11.86	32.79 1.52 -5.03	31.39 1.44 -4.69	27.73 1.32 -2.85	23.12 1.08 -2.42	21.50 0.78 -2.46
NEWKRMKL_115KV_TB1 55635	19.58 0.53 -0.81	18.50 0.43 -2.82	16.94 0.47 -1.15	15.59 0.47 -0.40	15.23 0.47 -0.21	15.86 0.49 -0.21	17.62 0.43 -1.89	18.07 0.46 -2.21	18.49 0.49 -2.62	19.08 0.50 -2.80	19.40 0.62 -1.20	20.28 0.65 -0.59	21.28 0.70 0.00	22.91 0.80 0.00	24.67 0.72 0.00	25.84 0.88 0.12	30.75 1.03 -2.61	37.30 1.06 -5.85	51.96 0.92 -24.79	38.64 0.92 -11.49	36.86 0.88 -10.72	30.90 0.82 -6.51	25.85 0.71 -5.53	22.25 0.58 -3.40
NEWTON___FALLS_HYD 23847	18.32 0.05 -0.02	15.37 0.06 -0.06	15.37 0.03 -0.03	14.77 0.03 -0.01	14.63 0.07 0.00	15.19 0.02 0.00	15.36 0.02 -0.04	15.47 0.02 -0.05	15.38 -0.05 -0.06	15.77 -0.06 -0.06	17.55 -0.07 -0.03	19.01 -0.04 -0.01	20.52 -0.06 0.00	22.05 -0.07 0.00	23.91 -0.05 0.00	25.06 -0.03 0.00	27.09 -0.08 -0.07	30.50 0.12 0.00	26.49 0.24 0.00	26.45 0.21 0.00	25.56 0.30 0.00	23.92 0.35 0.00	19.85 0.24 0.00	18.56 0.22 -0.08
NGRID_A1_DSASP 323792	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.08 -0.38 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	14.99 -0.55 -0.24	14.89 -0.78 -0.28	14.75 -0.95 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.61 -1.34 0.00	23.38 -1.71 0.00	25.25 -2.22 -0.37	27.91 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.34 -1.69 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.67 -1.02 -0.43
NGRID_A2_DSASP 323793	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.08 -0.38 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	14.99 -0.55 -0.24	14.89 -0.78 -0.28	14.75 -0.95 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.61 -1.34 0.00	23.38 -1.71 0.00	25.25 -2.22 -0.37	27.91 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.34 -1.69 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.67 -1.02 -0.43
NGRID_A4_DSASP 323807	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.02 -0.44 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	15.01 -0.54 -0.24	14.89 -0.79 -0.28	14.69 -1.01 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.78 -1.17 0.00	23.38 -1.71 0.00	25.22 -2.25 -0.37	27.92 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.36 -1.67 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.69 -1.00 -0.43
NIAGARA_115E_LBMP 323715	17.60 -0.75 -0.10	14.84 -0.76 -0.36	14.89 -0.57 -0.15	14.23 -0.54 -0.05	13.98 -0.60 -0.03	14.62 -0.58 -0.03	14.87 -0.67 -0.24	14.90 -0.78 -0.28	14.75 -0.95 -0.33	15.02 -1.10 -0.35	16.35 -1.39 -0.15	17.67 -1.45 -0.08	19.18 -1.40 0.00	20.55 -1.57 0.00	22.66 -1.29 0.00	23.45 -1.63 0.00	25.28 -2.19 -0.37	28.01 -2.79 -0.42	26.22 -1.89 -1.85	25.28 -1.79 -0.83	24.42 -1.62 -0.77	22.62 -1.41 -0.47	18.70 -1.31 -0.40	17.63 -1.06 -0.43

NIAGARA_115W_LBMP 323714	17.71 -0.64 -0.10	14.99 -0.61 -0.35	15.05 -0.41 -0.14	14.38 -0.40 -0.05	14.11 -0.47 -0.03	14.77 -0.42 -0.03	14.98 -0.57 -0.24	14.86 -0.82 -0.28	14.72 -0.98 -0.33	14.97 -1.15 -0.35	16.30 -1.44 -0.15	17.61 -1.50 -0.07	19.10 -1.48 0.00	20.44 -1.68 0.00	22.54 -1.41 0.00	23.33 -1.76 0.00	25.17 -2.30 -0.36	27.82 -2.98 -0.42	26.05 -2.05 -1.85	25.12 -1.94 -0.83	24.29 -1.74 -0.77	22.48 -1.56 -0.47	18.60 -1.41 -0.40	17.63 -1.06 -0.43
NIAGARA_230_LBMP 323716	17.76 -0.58 -0.10	14.99 -0.61 -0.35	15.06 -0.40 -0.14	14.39 -0.38 -0.05	14.12 -0.45 -0.03	14.78 -0.41 -0.03	15.02 -0.52 -0.23	15.04 -0.63 -0.27	14.91 -0.78 -0.33	15.19 -0.93 -0.35	16.52 -1.21 -0.15	17.88 -1.24 -0.07	19.37 -1.21 0.00	20.75 -1.37 0.00	22.88 -1.08 0.00	23.68 -1.40 0.00	25.54 -1.92 -0.36	28.27 -2.52 -0.41	26.47 -1.60 -1.82	25.50 -1.55 -0.81	24.63 -1.39 -0.76	22.80 -1.23 -0.46	18.87 -1.14 -0.39	17.81 -0.88 -0.42
NIAGARA__115KV_198_GIBSON 55903	17.71 -0.64 -0.10	14.99 -0.61 -0.35	14.98 -0.47 -0.14	14.38 -0.40 -0.05	14.11 -0.47 -0.03	14.77 -0.42 -0.03	14.98 -0.57 -0.24	14.86 -0.82 -0.28	14.66 -1.05 -0.33	14.97 -1.15 -0.35	16.30 -1.44 -0.15	17.61 -1.50 -0.07	19.10 -1.48 0.00	20.44 -1.68 0.00	22.73 -1.22 0.00	23.33 -1.76 0.00	25.17 -2.30 -0.36	27.85 -2.95 -0.42	26.08 -2.02 -1.85	25.12 -1.94 -0.83	24.29 -1.74 -0.77	22.48 -1.56 -0.47	18.60 -1.41 -0.40	17.65 -1.04 -0.43
NIAGARA____ 23760	17.63 -0.71 -0.10	14.87 -0.73 -0.36	14.94 -0.52 -0.15	14.28 -0.50 -0.05	14.02 -0.55 -0.03	14.66 -0.53 -0.03	14.90 -0.64 -0.24	14.88 -0.80 -0.28	14.73 -0.97 -0.33	15.01 -1.12 -0.35	16.37 -1.37 -0.15	17.69 -1.43 -0.07	19.18 -1.40 0.00	20.57 -1.55 0.00	22.68 -1.27 0.00	23.45 -1.63 0.00	25.33 -2.14 -0.36	28.01 -2.79 -0.42	26.21 -1.89 -1.84	25.30 -1.76 -0.82	24.41 -1.62 -0.77	22.62 -1.41 -0.47	18.68 -1.33 -0.40	17.63 -1.06 -0.43
NINE_MILE_1 23575	17.88 -0.40 -0.04	15.03 -0.37 -0.15	15.02 -0.35 -0.06	14.41 -0.34 -0.02	14.20 -0.36 -0.01	14.81 -0.36 -0.01	15.04 -0.37 -0.10	15.15 -0.37 -0.12	15.13 -0.38 -0.14	15.52 -0.39 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.47 -0.64 0.00	23.31 -0.65 0.00	24.38 -0.70 0.00	26.45 -0.81 -0.15	29.38 -1.00 0.00	25.49 -0.76 0.00	25.48 -0.76 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
NINE_MILE_2 23744	17.88 -0.40 -0.04	15.03 -0.37 -0.15	15.02 -0.35 -0.06	14.41 -0.34 -0.02	14.20 -0.36 -0.01	14.81 -0.36 -0.01	15.04 -0.37 -0.10	15.15 -0.37 -0.12	15.12 -0.38 -0.14	15.52 -0.39 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.47 -0.64 0.00	23.31 -0.65 0.00	24.38 -0.70 0.00	26.45 -0.81 -0.15	29.38 -1.00 0.00	25.49 -0.76 0.00	25.50 -0.73 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
NM_CAPITAL____DRP 24208	19.64 0.58 -0.81	18.55 0.49 -2.81	17.00 0.54 -1.15	15.64 0.52 -0.39	15.28 0.52 -0.21	15.92 0.55 -0.21	17.66 0.47 -1.88	18.11 0.51 -2.20	18.52 0.54 -2.62	19.12 0.55 -2.79	19.43 0.65 -1.20	20.34 0.70 -0.59	21.32 0.74 0.00	22.96 0.84 0.00	24.72 0.77 0.00	25.85 0.90 0.14	30.76 1.08 -2.57	37.30 1.12 -5.79	51.65 0.95 -24.45	38.56 0.94 -11.37	36.78 0.91 -10.61	30.88 0.87 -6.45	25.83 0.75 -5.47	22.27 0.62 -3.39
NM_CENTRAL____DRP 24181	18.21 -0.09 -0.06	15.34 -0.12 -0.21	15.29 -0.11 -0.08	14.65 -0.10 -0.03	14.45 -0.12 -0.02	15.08 -0.11 -0.02	15.32 -0.12 -0.14	15.44 -0.12 -0.16	15.44 -0.12 -0.19	15.85 -0.13 -0.21	17.50 -0.18 -0.09	18.93 -0.15 -0.04	20.46 -0.12 0.00	21.96 -0.15 0.00	23.91 -0.05 0.00	24.96 -0.13 0.00	27.11 -0.22 -0.21	30.20 -0.39 -0.22	27.03 -0.18 -0.96	26.51 -0.16 -0.43	25.53 -0.13 -0.40	23.71 -0.09 -0.24	19.71 -0.12 -0.21	18.46 -0.05 -0.25
NM_FRONTIER____DRP 24179	17.71 -0.64 -0.10	14.99 -0.61 -0.35	14.98 -0.47 -0.14	14.38 -0.40 -0.05	14.11 -0.47 -0.03	14.77 -0.42 -0.03	14.98 -0.57 -0.24	14.86 -0.82 -0.28	14.66 -1.05 -0.33	14.97 -1.15 -0.35	16.30 -1.44 -0.15	17.61 -1.50 -0.07	19.10 -1.48 0.00	20.44 -1.68 0.00	22.73 -1.22 0.00	23.33 -1.76 0.00	25.17 -2.30 -0.36	27.85 -2.95 -0.42	26.08 -2.02 -1.85	25.12 -1.94 -0.83	24.29 -1.74 -0.77	22.48 -1.56 -0.47	18.60 -1.41 -0.40	17.65 -1.04 -0.43
NM_ST_REGIS____HYD 24053	18.15 -0.09 0.00	15.25 0.00 0.00	15.25 -0.06 0.00	14.67 -0.06 0.00	14.56 0.01 0.00	15.08 -0.09 0.00	15.21 -0.09 0.00	15.34 -0.06 0.00	15.26 -0.11 0.00	15.68 -0.09 0.00	17.54 -0.05 0.00	18.92 -0.11 0.00	20.39 -0.19 0.00	21.94 -0.18 0.00	23.74 -0.22 0.00	24.86 -0.23 0.00	26.89 -0.22 0.00	30.44 0.06 0.00	26.30 0.05 0.00	26.16 -0.08 0.00	25.26 0.00 0.00	23.52 -0.05 0.00	19.58 -0.04 0.00	18.23 -0.04 0.00
NORTHPORT____1 23551	26.29 1.44 -6.61	24.80 1.22 -8.33	21.60 1.23 -5.06	20.11 1.19 -4.19	19.68 1.19 -3.94	18.49 1.24 -2.08	18.12 1.30 -1.52	24.64 1.32 -7.91	25.94 1.35 -9.22	27.56 1.42 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.64 2.30 -17.38	39.25 2.53 -11.64	47.64 2.79 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.67 2.29 -10.82	42.53 1.94 -20.97	30.20 1.57 -10.36
NORTHPORT____2 23552	26.29 1.44 -6.61	24.80 1.22 -8.33	21.60 1.23 -5.06	20.11 1.19 -4.19	19.68 1.19 -3.94	18.49 1.24 -2.08	18.12 1.30 -1.52	24.64 1.32 -7.91	25.94 1.35 -9.22	27.56 1.42 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.64 2.30 -17.38	39.25 2.53 -11.64	47.64 2.79 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.67 2.29 -10.82	42.53 1.94 -20.97	30.20 1.57 -10.36
NORTHPORT____3 23553	26.20 1.35 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.58 1.09 -3.94	18.36 1.12 -2.08	18.00 1.18 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.44 1.29 -10.37	28.99 1.39 -10.01	29.83 1.54 -9.25	30.83 1.61 -8.64	32.78 1.81 -8.85	43.23 1.89 -17.38	38.82 2.11 -11.64	47.24 2.39 -17.74	49.39 2.52 -16.49	49.47 2.07 -21.15	41.81 2.10 -13.47	40.08 2.02 -12.80	36.23 1.84 -10.82	42.17 1.59 -20.97	29.87 1.24 -10.36
NORTHPORT____4 23650	26.20 1.35 -6.61	24.71 1.13 -8.33	21.51 1.13 -5.06	20.01 1.09 -4.19	19.58 1.09 -3.94	18.36 1.12 -2.08	18.00 1.18 -1.52	24.53 1.22 -7.91	25.85 1.26 -9.22	27.44 1.29 -10.37	28.99 1.39 -10.01	29.83 1.54 -9.25	30.83 1.61 -8.64	32.78 1.81 -8.85	43.23 1.89 -17.38	38.82 2.11 -11.64	47.24 2.39 -17.74	49.39 2.52 -16.49	49.47 2.07 -21.15	41.81 2.10 -13.47	40.08 2.02 -12.80	36.23 1.84 -10.82	42.17 1.59 -20.97	29.87 1.24 -10.36
NORTHPORT____IC 23718	26.29 1.44 -6.61	24.80 1.22 -8.33	21.60 1.23 -5.06	20.11 1.19 -4.19	19.68 1.19 -3.94	18.49 1.24 -2.08	18.12 1.30 -1.52	24.64 1.32 -7.91	25.94 1.35 -9.22	27.56 1.42 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.64 2.30 -17.38	39.25 2.53 -11.64	47.64 2.79 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.67 2.29 -10.82	42.53 1.94 -20.97	30.20 1.57 -10.36

NORTH__COUNTRY_ESR 323785	18.30 0.05 0.00	15.37 0.12 0.00	15.33 0.02 0.00	14.77 0.04 0.00	14.68 0.13 0.00	15.20 0.03 0.00	15.35 0.05 0.00	15.48 0.08 0.00	15.39 0.02 0.00	15.85 0.08 0.00	17.73 0.14 0.00	19.12 0.08 0.00	20.58 0.00 0.00	22.14 0.02 0.00	23.96 0.00 0.00	25.06 -0.03 0.00	27.16 0.05 0.00	30.71 0.33 0.00	26.51 0.26 0.00	26.32 0.08 0.00	25.34 0.08 0.00	23.57 0.00 0.00	19.60 -0.02 0.00	18.23 -0.04 0.00
NPX_GEN_1385_PROXY 323591	26.29 1.44 -6.61	24.80 1.22 -8.33	21.60 1.23 -5.06	20.11 1.19 -4.19	19.68 1.19 -3.94	18.49 1.24 -2.08	18.12 1.30 -1.52	24.64 1.32 -7.91	25.94 1.35 -9.22	27.56 1.42 -10.37	29.15 1.55 -10.01	30.08 1.79 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.64 2.30 -17.38	39.25 2.53 -11.64	47.64 2.79 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.31 2.60 -13.47	40.56 2.50 -12.80	36.67 2.29 -10.82	42.53 1.94 -20.97	30.20 1.57 -10.36
NPX_GEN_CSC 323557	26.09 1.24 -6.61	24.68 1.10 -8.33	21.46 1.09 -5.06	20.01 1.09 -4.19	19.62 1.14 -3.94	18.50 1.26 -2.08	18.15 1.33 -1.52	24.59 1.28 -7.91	25.81 1.21 -9.22	27.42 1.28 -10.37	28.94 1.34 -10.01	29.85 1.56 -9.25	30.99 1.77 -8.64	32.96 1.99 -8.85	43.45 2.11 -17.38	39.15 2.43 -11.64	47.56 2.71 -17.74	49.79 2.92 -16.49	49.84 2.44 -21.15	42.26 2.54 -13.47	40.49 2.43 -12.80	36.58 2.19 -10.82	42.37 1.79 -20.97	30.05 1.43 -10.36
NSINS_S_GLNS_FALLS 23858	20.61 1.53 -0.83	19.37 1.22 -2.90	17.71 1.21 -1.19	16.30 1.16 -0.41	15.90 1.13 -0.22	16.63 1.24 -0.22	18.46 1.21 -1.94	18.90 1.23 -2.27	19.36 1.29 -2.70	20.03 1.37 -2.88	20.25 1.42 -1.23	21.25 1.60 -0.61	22.33 1.75 0.00	23.89 1.77 0.00	25.75 1.80 0.00	26.45 1.50 0.14	31.69 1.92 -2.66	40.63 2.34 -7.91	62.15 2.18 -33.72	43.91 2.15 -15.52	41.79 2.05 -14.48	34.22 1.86 -8.80	28.58 1.49 -7.47	23.46 1.70 -3.49
NUCOR_STEEL__DRP 24197	18.51 0.18 -0.08	15.64 0.11 -0.28	15.54 0.11 -0.12	14.86 0.09 -0.04	14.64 0.07 -0.02	15.29 0.11 -0.02	15.56 0.06 -0.19	15.72 0.09 -0.22	15.71 0.08 -0.26	16.15 0.09 -0.28	17.80 0.09 -0.12	19.25 0.15 -0.06	20.81 0.23 0.00	22.36 0.24 0.00	24.39 0.43 0.00	25.38 0.30 0.00	27.62 0.22 -0.29	30.83 0.12 -0.33	28.03 0.34 -1.43	27.27 0.39 -0.64	26.21 0.35 -0.60	24.31 0.38 -0.36	20.18 0.26 -0.31	18.88 0.27 -0.34
NUMBER_THREE_WT_PWR 323818	18.58 0.31 -0.02	15.55 0.21 -0.09	15.55 0.20 -0.04	14.93 0.19 -0.01	14.76 0.20 -0.01	15.39 0.21 -0.01	15.56 0.20 -0.06	15.65 0.19 -0.07	15.56 0.11 -0.08	15.95 0.10 -0.09	17.71 0.09 -0.04	19.23 0.17 -0.02	20.79 0.21 0.00	22.34 0.22 0.00	24.24 0.29 0.00	25.46 0.38 0.00	27.47 0.27 -0.09	30.84 0.46 0.00	26.86 0.60 0.00	26.89 0.66 0.00	25.99 0.73 0.00	24.37 0.80 0.00	20.19 0.57 0.00	18.90 0.53 -0.10
NYISO_LBMP_REFERENCE 24008	18.24 0.00 0.00	15.25 0.00 0.00	15.31 0.00 0.00	14.73 0.00 0.00	14.55 0.00 0.00	15.17 0.00 0.00	15.31 0.00 0.00	15.40 0.00 0.00	15.37 0.00 0.00	15.77 0.00 0.00	17.59 0.00 0.00	19.04 0.00 0.00	20.58 0.00 0.00	22.12 0.00 0.00	23.96 0.00 0.00	25.08 0.00 0.00	27.11 0.00 0.00	30.38 0.00 0.00	26.25 0.00 0.00	26.24 0.00 0.00	25.26 0.00 0.00	23.57 0.00 0.00	19.62 0.00 0.00	18.26 0.00 0.00
NYPA_BRENTWD__GT 24164	26.44 1.59 -6.61	24.91 1.33 -8.33	21.72 1.35 -5.06	20.22 1.30 -4.19	19.79 1.31 -3.94	18.61 1.37 -2.08	18.23 1.41 -1.52	24.74 1.43 -7.91	26.05 1.46 -9.22	27.67 1.53 -10.37	29.27 1.67 -10.01	30.21 1.92 -9.25	31.34 2.12 -8.64	33.33 2.37 -8.85	43.85 2.51 -17.38	39.43 2.71 -11.64	47.67 2.82 -17.74	49.91 3.04 -16.49	49.95 2.55 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.93 2.55 -10.82	42.70 2.12 -20.97	30.36 1.74 -10.36
NYPA_GOWANUS__GT5 24156	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NYPA_GOWANUS__GT6 24157	20.15 1.26 -0.65	18.50 0.99 -2.26	17.21 0.97 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.47 2.66 -2.70	35.91 2.79 -2.74	41.77 2.41 -13.11	33.84 2.26 -5.34	32.44 2.20 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73
NYPA_HARLEM_RVR_GT1 24160	20.19 1.30 -0.65	18.58 1.07 -2.26	17.28 1.04 -0.93	16.11 1.06 -0.33	15.78 1.06 -0.17	16.35 1.02 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.13 1.12 -2.24	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.97 2.01 0.00	27.42 2.18 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.65 2.07 -5.34	32.29 2.05 -4.99	28.45 1.86 -3.03	23.99 1.80 -2.57	22.42 1.43 -2.73
NYPA_HARLEM_RVR_GT2 24161	20.19 1.30 -0.65	18.58 1.07 -2.26	17.28 1.04 -0.93	16.11 1.06 -0.33	15.78 1.06 -0.17	16.35 1.02 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.13 1.12 -2.24	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.97 2.01 0.00	27.42 2.18 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.65 2.07 -5.34	32.29 2.05 -4.99	28.45 1.86 -3.03	23.99 1.80 -2.57	22.42 1.43 -2.73
NYPA_KENT__GT 24152	20.14 1.24 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.28 0.94 -0.17	17.81 0.99 -1.51	18.20 1.03 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.44 2.63 -2.70	35.88 2.76 -2.74	41.69 2.34 -13.10	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.93 1.75 -2.57	22.36 1.37 -2.73
NYPA_POUCH1__GT 24155	20.17 1.28 -0.65	18.44 0.93 -2.26	17.14 0.90 -0.93	15.94 0.90 -0.32	15.61 0.89 -0.17	16.19 0.85 -0.17	17.71 0.89 -1.51	18.10 0.92 -1.77	18.46 0.98 -2.11	19.11 1.09 -2.25	19.87 1.32 -0.97	21.06 1.54 -0.48	22.25 1.67 0.00	24.04 1.92 0.00	25.95 1.99 0.00	27.40 2.16 -0.16	32.39 2.58 -2.70	35.83 2.70 -2.74	41.80 2.44 -13.11	33.76 2.18 -5.35	32.37 2.12 -4.99	28.43 1.84 -3.03	23.90 1.71 -2.57	22.32 1.33 -2.73
NYPA_VERNON__GT2 24162	20.12 1.22 -0.65	18.52 1.01 -2.26	17.23 0.99 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.58 1.11 -2.10	19.22 1.20 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.41 2.60 -2.70	35.82 2.70 -2.74	41.61 2.26 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.50 1.91 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73

NYPA_VERNON____GT3 24163	20.12 1.22 -0.65	18.52 1.01 -2.26	17.23 0.99 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.58 1.11 -2.10	19.22 1.20 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.41 2.60 -2.70	35.82 2.70 -2.74	41.61 2.26 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.50 1.91 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
NYPA____ASTORIA_CC1 323568	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.44 2.21 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
NYPA____ASTORIA_CC2 323569	20.12 1.22 -0.65	18.52 1.01 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.44 2.21 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
NYPA____HOLTSVILL 23794	26.23 1.39 -6.61	24.76 1.17 -8.33	21.58 1.21 -5.06	20.11 1.19 -4.19	19.69 1.21 -3.94	18.52 1.27 -2.08	18.15 1.33 -1.52	24.65 1.34 -7.91	25.93 1.34 -9.22	27.55 1.40 -10.37	29.08 1.48 -10.01	30.01 1.71 -9.25	31.11 1.89 -8.64	33.09 2.12 -8.85	43.59 2.25 -17.38	39.25 2.53 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.34 2.62 -13.47	40.59 2.53 -12.80	36.67 2.29 -10.82	42.49 1.90 -20.97	30.16 1.53 -10.36
NYPA____HELLGATE_GT1 24158	20.19 1.30 -0.65	18.58 1.07 -2.26	17.28 1.04 -0.93	16.11 1.06 -0.33	15.78 1.06 -0.17	16.35 1.02 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.13 1.12 -2.24	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.97 2.01 0.00	27.42 2.18 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.65 2.07 -5.34	32.29 2.05 -4.99	28.45 1.86 -3.03	23.99 1.80 -2.57	22.42 1.43 -2.73
NYPA____HELLGATE_GT2 24159	20.19 1.30 -0.65	18.58 1.07 -2.26	17.28 1.04 -0.93	16.11 1.06 -0.33	15.78 1.06 -0.17	16.35 1.02 -0.17	17.83 1.01 -1.51	18.19 1.02 -1.77	18.48 1.01 -2.10	19.13 1.12 -2.24	19.91 1.35 -0.96	21.10 1.58 -0.48	22.31 1.73 0.00	24.08 1.97 0.00	25.97 2.01 0.00	27.42 2.18 -0.16	32.36 2.55 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.65 2.07 -5.34	32.29 2.05 -4.99	28.45 1.86 -3.03	23.99 1.80 -2.57	22.42 1.43 -2.73
NYS_BARGE____HYD 23848	17.89 -0.46 -0.10	15.06 -0.53 -0.35	15.12 -0.34 -0.14	14.45 -0.32 -0.05	14.20 -0.38 -0.03	14.84 -0.35 -0.03	15.08 -0.46 -0.23	15.12 -0.55 -0.27	14.97 -0.72 -0.32	15.25 -0.87 -0.34	16.61 -1.13 -0.15	17.95 -1.16 -0.07	19.53 -1.05 0.00	20.92 -1.19 0.00	23.07 -0.89 0.00	23.90 -1.18 0.00	25.76 -1.71 -0.36	28.54 -1.25 -0.41	26.66 -1.39 -1.80	25.76 -1.29 -0.80	24.85 -1.16 -0.75	23.01 -1.01 -0.45	19.02 -0.98 -0.39	17.91 -0.77 -0.42
OAK ORCHARD____HYD 24046	18.22 -0.11 -0.08	15.34 -0.20 -0.29	15.37 -0.06 -0.12	14.68 -0.09 -0.04	14.37 -0.20 -0.02	15.04 -0.15 -0.02	15.34 -0.15 -0.19	15.42 -0.20 -0.22	15.39 -0.25 -0.27	15.72 -0.33 -0.28	17.25 -0.46 -0.12	18.68 -0.42 -0.06	20.15 -0.43 0.00	21.63 -0.49 0.00	23.74 -0.22 0.00	24.68 -0.40 0.00	26.78 -0.62 -0.29	29.61 -1.09 -0.33	27.16 -0.52 -1.43	26.41 -0.47 -0.64	25.43 -0.43 -0.60	23.58 -0.35 -0.36	19.51 -0.41 -0.31	18.39 -0.22 -0.34
OAKDALE__35_KV_LOAD 356122	18.58 0.13 -0.21	16.02 0.05 -0.72	15.67 0.06 -0.29	14.90 0.07 -0.10	14.70 0.10 -0.05	15.33 0.11 -0.05	15.86 0.08 -0.48	16.03 0.06 -0.56	16.06 0.02 -0.67	16.49 0.00 -0.72	17.88 -0.02 -0.31	19.25 0.06 -0.15	20.74 0.16 0.00	22.29 0.18 0.00	24.29 0.34 0.00	25.36 0.28 0.00	27.96 0.11 -0.74	31.38 0.03 -0.97	30.74 0.24 -4.25	28.43 0.29 -1.90	27.34 0.30 -1.77	24.97 0.33 -1.08	20.73 0.20 -0.91	19.26 0.13 -0.87
OCC_CHEM____DRP 24175	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.02 -0.44 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	15.01 -0.54 -0.24	14.89 -0.79 -0.28	14.69 -1.01 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.78 -1.17 0.00	23.38 -1.71 0.00	25.22 -2.25 -0.37	27.92 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.36 -1.67 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.69 -1.00 -0.43
OH_GEN_PROXY 24063	17.76 -0.58 -0.10	15.01 -0.60 -0.35	15.06 -0.40 -0.14	14.39 -0.38 -0.05	14.14 -0.44 -0.03	14.78 -0.41 -0.03	15.02 -0.52 -0.23	15.06 -0.62 -0.27	14.93 -0.77 -0.33	15.21 -0.92 -0.35	16.56 -1.18 -0.15	17.89 -1.22 -0.07	19.41 -1.17 0.00	20.79 -1.33 0.00	22.93 -1.03 0.00	23.73 -1.35 0.00	25.60 -1.87 -0.36	28.34 -2.46 -0.42	26.50 -1.57 -1.83	25.56 -1.49 -0.82	24.68 -1.34 -0.76	22.85 -1.18 -0.46	18.91 -1.10 -0.39	17.81 -0.88 -0.42
OLIN_CORP_DRP 24177	17.63 -0.71 -0.10	14.88 -0.73 -0.36	14.86 -0.60 -0.15	14.26 -0.52 -0.05	14.02 -0.55 -0.03	14.66 -0.53 -0.03	14.90 -0.64 -0.24	14.94 -0.74 -0.28	14.74 -0.97 -0.33	15.06 -1.07 -0.36	16.39 -1.35 -0.15	17.71 -1.41 -0.08	19.22 -1.36 0.00	20.59 -1.53 0.00	22.90 -1.05 0.00	23.50 -1.58 0.00	25.34 -2.14 -0.37	28.10 -2.70 -0.43	26.31 -1.81 -1.87	25.37 -1.71 -0.84	24.50 -1.54 -0.78	22.67 -1.37 -0.47	18.75 -1.28 -0.40	17.69 -1.00 -0.43
OLIN_CORP_DSASP 323712	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.08 -0.38 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	14.99 -0.55 -0.24	14.89 -0.78 -0.28	14.75 -0.95 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.61 -1.34 0.00	23.38 -1.71 0.00	25.25 -2.22 -0.37	27.91 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.34 -1.69 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.67 -1.02 -0.43
ONEIDA_HERK_LFGE 323681	18.59 0.33 -0.02	15.56 0.23 -0.08	15.58 0.23 -0.03	14.94 0.21 -0.01	14.77 0.22 -0.01	15.41 0.24 -0.01	15.59 0.23 -0.05	15.69 0.23 -0.06	15.63 0.19 -0.07	16.04 0.19 -0.08	17.82 0.19 -0.03	19.36 0.30 -0.02	20.93 0.35 0.00	22.49 0.38 0.00	24.41 0.45 0.00	25.63 0.55 0.00	27.65 0.46 -0.08	30.93 0.55 0.00	26.88 0.63 0.00	26.92 0.68 0.00	25.97 0.71 0.00	24.32 0.75 0.00	20.15 0.53 0.00	18.85 0.49 -0.09
ONEIDA____115KV_TB4 55905	18.65 0.36 -0.04	15.65 0.26 -0.14	15.63 0.26 -0.06	14.98 0.24 -0.02	14.81 0.25 -0.01	15.45 0.27 -0.01	15.66 0.26 -0.09	15.76 0.25 -0.13	15.70 0.20 -0.13	16.11 0.21 -0.06	17.86 0.21 -0.32	19.39 0.32 0.00	20.99 0.41 0.00	22.56 0.44 0.00	24.51 0.55 0.00	25.71 0.63 0.00	27.79 0.54 0.00	30.96 0.58 0.00	26.93 0.68 0.00	26.97 0.73 0.00	26.02 0.76 0.00	24.32 0.75 0.00	20.19 0.57 0.00	18.96 0.53 -0.17

ONONDAGA_REF_OCCRA 23987	18.28 -0.04 -0.07	15.43 -0.08 -0.26	15.34 -0.08 -0.10	14.69 -0.07 -0.04	14.48 -0.09 -0.02	15.11 -0.08 -0.02	15.40 -0.08 -0.17	15.52 -0.08 -0.20	15.52 -0.09 -0.24	15.93 -0.09 -0.25	17.57 -0.12 -0.11	19.02 -0.08 -0.05	20.54 -0.04 0.00	22.05 -0.07 0.00	23.98 0.02 0.00	25.06 -0.03 0.00	27.26 -0.11 -0.26	30.42 -0.24 -0.28	27.45 -0.05 -1.25	26.77 -0.03 -0.56	25.78 0.00 -0.52	23.88 0.00 -0.32	19.87 -0.02 -0.27	18.57 0.00 -0.31
ONONDAGA___COGEN 23986	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.38 -0.03 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.55 -0.05 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.07 0.12 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
ONTARIO___LFGE 23819	18.41 0.07 -0.10	15.55 -0.03 -0.33	15.47 0.02 -0.14	14.77 0.00 -0.05	14.56 -0.01 -0.03	15.21 0.02 -0.03	15.50 -0.03 -0.22	15.63 -0.03 -0.26	15.61 -0.08 -0.31	15.98 -0.13 -0.33	17.54 -0.19 -0.14	19.01 -0.09 -0.07	20.60 0.02 0.00	22.14 0.02 0.00	24.22 0.26 0.00	25.26 0.18 0.00	27.43 -0.03 -0.34	30.53 -0.24 -0.39	28.22 0.24 -1.73	27.27 0.26 -0.77	26.23 0.25 -0.72	24.29 0.28 -0.44	20.09 0.10 -0.37	18.74 0.07 -0.40
ORANGEVILLE_WT_PWR 323706	18.09 -0.27 -0.12	15.28 -0.40 -0.42	15.23 -0.26 -0.17	14.55 -0.24 -0.06	14.38 -0.20 -0.03	14.97 -0.23 -0.03	15.25 -0.34 -0.28	15.35 -0.38 -0.33	15.24 -0.52 -0.39	15.55 -0.65 -0.42	16.96 -0.81 -0.18	18.35 -0.78 -0.09	20.00 -0.58 0.00	21.45 -0.66 0.00	23.57 -0.38 0.00	24.48 -0.60 0.00	26.41 -1.14 -0.44	29.47 -1.43 -0.52	27.82 -0.71 -2.27	26.55 -0.71 -1.02	25.55 -0.66 -0.95	23.55 -0.59 -0.58	19.42 -0.69 -0.49	18.12 -0.66 -0.51
ORANGEVILLE___ESR 323794	18.09 -0.27 -0.12	15.28 -0.40 -0.42	15.23 -0.26 -0.17	14.55 -0.24 -0.06	14.38 -0.20 -0.03	14.97 -0.23 -0.03	15.25 -0.34 -0.28	15.35 -0.38 -0.33	15.24 -0.52 -0.39	15.55 -0.65 -0.42	16.96 -0.81 -0.18	18.35 -0.78 -0.09	20.00 -0.58 0.00	21.45 -0.66 0.00	23.57 -0.38 0.00	24.48 -0.60 0.00	26.41 -1.14 -0.44	29.47 -1.43 -0.52	27.82 -0.71 -2.27	26.55 -0.71 -1.02	25.55 -0.66 -0.95	23.55 -0.59 -0.58	19.42 -0.69 -0.49	18.12 -0.66 -0.51
OSWEGATCHIE___HYD 24044	18.32 0.05 -0.02	15.37 0.06 -0.06	15.36 0.02 -0.03	14.77 0.03 -0.01	14.63 0.07 0.00	15.19 0.02 0.00	15.36 0.02 -0.04	15.47 0.02 -0.05	15.35 -0.08 -0.06	15.77 -0.06 -0.06	17.55 -0.07 -0.03	19.01 -0.04 -0.01	20.52 -0.06 0.00	22.05 -0.07 0.00	23.88 -0.07 0.00	25.06 -0.03 0.00	27.09 -0.08 -0.07	30.50 0.12 0.00	26.49 0.24 0.00	26.45 0.21 0.00	25.56 0.30 0.00	23.92 0.35 0.00	19.86 0.24 0.00	18.56 0.22 -0.08
OSWEGO___5 23606	18.00 -0.29 -0.05	15.15 -0.27 -0.17	15.14 -0.25 -0.07	14.50 -0.25 -0.02	14.30 -0.26 -0.01	14.92 -0.26 -0.01	15.14 -0.28 -0.11	15.26 -0.28 -0.13	15.25 -0.28 -0.16	15.64 -0.30 -0.17	17.29 -0.37 -0.07	18.67 -0.40 -0.04	20.17 -0.41 0.00	21.65 -0.47 0.00	23.50 -0.46 0.00	24.58 -0.50 0.00	26.69 -0.60 -0.17	29.59 -0.79 0.00	25.70 -0.55 0.00	25.71 -0.52 0.00	24.75 -0.51 0.00	23.12 -0.45 0.00	19.23 -0.39 0.00	18.17 -0.29 -0.20
OSWEGO___6 23613	18.00 -0.29 -0.05	15.15 -0.27 -0.17	15.14 -0.25 -0.07	14.50 -0.25 -0.02	14.30 -0.26 -0.01	14.92 -0.26 -0.01	15.14 -0.28 -0.11	15.26 -0.28 -0.13	15.25 -0.28 -0.16	15.64 -0.30 -0.17	17.29 -0.37 -0.07	18.67 -0.40 -0.04	20.17 -0.41 0.00	21.65 -0.47 0.00	23.50 -0.46 0.00	24.58 -0.50 0.00	26.69 -0.60 -0.17	29.59 -0.79 0.00	25.70 -0.55 0.00	25.71 -0.52 0.00	24.75 -0.51 0.00	23.12 -0.45 0.00	19.23 -0.39 0.00	18.17 -0.29 -0.20
OUTOKUMPU-AB___DRP 24206	18.06 -0.29 -0.10	15.22 -0.40 -0.36	15.20 -0.26 -0.15	14.59 -0.19 -0.05	14.37 -0.20 -0.03	15.01 -0.18 -0.03	15.23 -0.32 -0.24	15.21 -0.48 -0.28	15.00 -0.71 -0.34	15.34 -0.79 -0.36	16.72 -1.02 -0.15	18.07 -1.05 -0.08	19.69 -0.88 0.00	21.12 -1.00 0.00	23.43 -0.53 0.00	24.08 -1.00 0.00	25.94 -1.55 -0.37	28.81 -2.01 -0.43	26.96 -1.18 -1.89	25.98 -1.10 -0.84	25.09 -0.96 -0.79	23.20 -0.85 -0.48	19.18 -0.84 -0.41	18.08 -0.62 -0.44
OXBOW___ 24026	17.94 -0.40 -0.10	15.15 -0.46 -0.36	15.20 -0.26 -0.15	14.53 -0.25 -0.05	14.28 -0.29 -0.03	14.94 -0.26 -0.03	15.15 -0.40 -0.24	15.08 -0.60 -0.28	14.94 -0.77 -0.33	15.21 -0.92 -0.36	16.56 -1.18 -0.15	17.90 -1.22 -0.08	19.47 -1.11 0.00	20.88 -1.24 0.00	23.00 -0.96 0.00	23.80 -1.28 0.00	25.66 -1.82 -0.37	28.44 -2.37 -0.43	26.63 -1.50 -1.87	25.66 -1.42 -0.84	24.78 -1.26 -0.78	22.93 -1.11 -0.47	18.98 -1.04 -0.40	17.91 -0.78 -0.43
OXY_CHEM_DSASP 323612	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.02 -0.44 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	15.01 -0.54 -0.24	14.89 -0.79 -0.28	14.69 -1.01 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.78 -1.17 0.00	23.38 -1.71 0.00	25.22 -2.25 -0.37	27.92 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.36 -1.67 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.69 -1.00 -0.43
OZONE_PARK_ESR 323760	20.19 1.30 -0.65	18.60 1.08 -2.26	17.31 1.07 -0.93	16.09 1.05 -0.32	15.77 1.05 -0.17	16.40 1.06 -0.17	17.97 1.15 -1.51	18.36 1.19 -1.77	18.72 1.25 -2.10	19.35 1.32 -2.25	20.12 1.57 -0.96	21.31 1.79 -0.48	22.51 1.93 0.00	24.28 2.17 0.00	26.21 2.25 0.00	27.70 2.46 -0.16	32.66 2.85 -2.70	36.07 2.95 -2.74	41.77 2.42 -13.10	34.00 2.41 -5.34	32.59 2.35 -4.99	28.71 2.12 -3.03	24.03 1.84 -2.57	22.45 1.46 -2.73
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.02 -0.44 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	15.01 -0.54 -0.24	14.89 -0.79 -0.28	14.69 -1.01 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.78 -1.17 0.00	23.38 -1.71 0.00	25.22 -2.25 -0.37	27.92 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.36 -1.67 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.69 -1.00 -0.43
PACKARD___115KV_DUPONT_184 80571	17.74 -0.60 -0.10	15.01 -0.59 -0.36	15.02 -0.44 -0.15	14.41 -0.37 -0.05	14.14 -0.44 -0.03	14.80 -0.39 -0.03	15.01 -0.54 -0.24	14.89 -0.79 -0.28	14.69 -1.01 -0.33	15.02 -1.10 -0.35	16.33 -1.41 -0.15	17.65 -1.47 -0.07	19.14 -1.44 0.00	20.50 -1.61 0.00	22.78 -1.17 0.00	23.38 -1.71 0.00	25.22 -2.25 -0.37	27.92 -2.89 -0.42	26.13 -1.97 -1.85	25.20 -1.86 -0.83	24.36 -1.67 -0.77	22.55 -1.48 -0.47	18.66 -1.35 -0.40	17.69 -1.00 -0.43
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.17 1.28 -0.65	18.57 1.05 -2.26	17.25 1.01 -0.93	16.08 1.03 -0.32	15.75 1.03 -0.17	16.32 0.99 -0.17	17.81 0.99 -1.51	18.17 1.00 -1.77	18.49 1.01 -2.10	19.12 1.10 -2.25	19.89 1.34 -0.96	21.08 1.56 -0.48	22.29 1.71 0.00	24.06 1.95 0.00	25.92 1.96 0.00	27.39 2.16 -0.16	32.36 2.55 -2.70	35.73 2.61 -2.74	41.50 2.15 -13.10	33.65 2.07 -5.34	32.27 2.02 -4.99	28.46 1.86 -3.03	23.96 1.77 -2.57	22.40 1.41 -2.73

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.39 1.50 -0.65	18.76 1.25 -2.26	17.47 1.23 -0.93	16.27 1.22 -0.32	15.94 1.22 -0.17	16.51 1.17 -0.17	18.00 1.18 -1.51	18.37 1.20 -1.77	18.66 1.18 -2.10	19.31 1.29 -2.25	20.12 1.57 -0.96	21.31 1.79 -0.48	22.53 1.96 0.00	24.35 2.23 0.00	26.25 2.30 0.00	27.70 2.46 -0.16	32.71 2.90 -2.70	36.13 3.01 -2.74	41.84 2.49 -13.10	33.97 2.39 -5.34	32.57 2.32 -4.99	28.71 2.12 -3.03	24.19 2.00 -2.57	22.62 1.63 -2.73
PATROON__115KV_TB1 80586	19.62 0.57 -0.81	18.55 0.47 -2.83	16.99 0.52 -1.16	15.64 0.52 -0.40	15.27 0.51 -0.21	15.91 0.53 -0.21	17.66 0.46 -1.89	18.12 0.51 -2.21	18.54 0.54 -2.63	19.14 0.55 -2.81	19.46 0.67 -1.20	20.34 0.70 -0.60	21.34 0.76 0.00	22.98 0.86 0.00	24.75 0.79 0.00	25.91 0.95 0.13	30.83 1.11 -2.61	37.64 1.15 -6.10	53.12 1.00 -25.87	39.22 1.00 -11.98	37.40 0.96 -11.18	31.25 0.90 -6.79	26.15 0.77 -5.76	22.31 0.64 -3.41
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.77 -0.58 -0.11	14.97 -0.67 -0.39	14.91 -0.57 -0.16	14.27 -0.52 -0.06	14.40 -0.17 -0.03	14.88 -0.32 -0.03	14.97 -0.60 -0.26	15.06 -0.65 -0.31	14.86 -0.88 -0.37	15.22 -0.95 -0.39	16.61 -1.14 -0.17	17.96 -1.16 -0.08	19.88 -0.70 0.00	21.34 -0.77 0.00	23.62 -0.34 0.00	24.35 -0.73 0.00	25.89 -1.63 -0.41	29.25 -1.61 -0.48	27.47 -0.87 -2.09	26.36 -0.81 -0.93	25.42 -0.71 -0.87	23.50 -0.59 -0.53	19.42 -0.65 -0.45	17.88 -0.86 -0.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.11 1.20 -0.66	18.50 0.96 -2.29	17.22 0.96 -0.94	15.96 0.91 -0.32	15.61 0.89 -0.17	16.26 0.93 -0.17	17.80 0.96 -1.53	18.13 0.94 -1.79	18.53 1.03 -2.13	19.15 1.10 -2.28	19.90 1.34 -0.97	21.06 1.54 -0.48	22.39 1.81 0.00	24.15 2.03 0.00	26.06 2.11 0.00	27.50 2.28 -0.14	32.42 2.63 -2.68	35.99 2.83 -2.78	41.71 2.31 -13.15	33.97 2.31 -5.43	32.47 2.15 -5.06	28.62 1.98 -3.08	23.82 1.59 -2.61	22.34 1.31 -2.76
PEEKSKILL____ 23653	19.96 1.08 -0.64	18.38 0.88 -2.24	17.12 0.89 -0.92	15.88 0.84 -0.31	15.55 0.83 -0.17	16.18 0.85 -0.17	17.72 0.92 -1.50	18.09 0.94 -1.75	18.44 0.98 -2.08	19.05 1.06 -2.23	19.79 1.25 -0.95	20.96 1.45 -0.47	22.16 1.58 0.00	23.89 1.77 0.00	25.80 1.84 0.00	27.24 2.01 -0.15	32.06 2.28 -2.67	35.49 2.40 -2.71	41.18 1.97 -12.95	33.52 1.99 -5.29	32.11 1.92 -4.93	28.31 1.74 -3.00	23.64 1.47 -2.54	22.15 1.19 -2.70
PGE MADISON__WINDPWR 24146	19.55 1.11 -0.20	16.76 0.82 -0.69	16.42 0.83 -0.28	15.62 0.79 -0.10	15.41 0.81 -0.05	16.08 0.86 -0.05	16.62 0.86 -0.46	16.79 0.85 -0.54	16.69 0.68 -0.64	17.12 0.66 -0.68	18.57 0.69 -0.29	20.17 0.99 -0.14	21.79 1.21 0.00	23.44 1.33 0.00	25.54 1.58 0.00	26.91 1.83 0.00	29.50 1.68 -0.71	33.40 1.92 -1.11	33.24 2.13 -4.86	30.69 2.28 -2.17	29.58 2.30 -2.03	27.04 2.24 -1.23	22.27 1.61 -1.04	20.48 1.39 -0.83
PIERCEFIELD__HYD 23852	18.10 -0.15 0.00	15.20 -0.05 0.00	15.21 -0.11 0.00	14.62 -0.10 0.00	14.50 -0.04 0.00	15.03 -0.14 0.00	15.17 -0.14 0.00	15.28 -0.12 0.00	15.20 -0.17 0.00	15.61 -0.16 0.00	17.45 -0.14 0.00	18.85 -0.19 0.00	20.31 -0.27 0.00	21.85 -0.27 0.00	23.64 -0.31 0.00	24.78 -0.30 0.00	26.78 -0.33 0.00	30.29 -0.09 0.00	26.17 -0.08 0.00	26.05 -0.18 0.00	25.18 -0.08 0.00	23.47 -0.09 0.00	19.54 -0.08 0.00	18.19 -0.07 0.00
PINELAWN_CC_1 323563	26.36 1.51 -6.61	24.85 1.27 -8.33	21.64 1.27 -5.06	20.14 1.22 -4.19	19.71 1.22 -3.94	18.50 1.26 -2.08	18.14 1.32 -1.52	24.65 1.34 -7.91	25.96 1.37 -9.22	27.58 1.44 -10.37	29.18 1.58 -10.01	30.10 1.81 -9.25	31.20 1.98 -8.64	33.18 2.21 -8.85	43.45 2.11 -17.38	39.05 2.33 -11.64	47.37 2.52 -17.74	49.54 2.67 -16.49	49.63 2.23 -21.15	42.02 2.31 -13.47	40.38 2.32 -12.80	36.53 2.14 -10.82	42.41 1.82 -20.97	30.27 1.64 -10.36
PJM_GEN_HTP_PROXY 323702	20.08 1.19 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.31 0.97 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.61 1.14 -2.10	19.23 1.21 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
PJM_GEN_KEystone 24065	18.90 0.26 -0.40	16.80 0.15 -1.40	16.10 0.21 -0.57	15.14 0.22 -0.20	14.90 0.25 -0.11	15.50 0.23 -0.11	16.45 0.21 -0.93	16.71 0.22 -1.09	16.84 0.17 -1.30	17.30 0.14 -1.39	18.34 0.16 -0.59	19.60 0.27 -0.29	20.99 0.41 0.00	22.58 0.47 0.00	24.58 0.62 0.00	25.76 0.60 -0.08	29.20 0.46 -1.63	32.47 0.39 -1.69	34.72 0.47 -7.99	30.10 0.55 -3.31	28.90 0.56 -3.08	25.98 0.54 -1.87	21.62 0.41 -1.59	20.17 0.22 -1.68
PJM_GEN_NEPTUNE_PROXY 323594	22.80 1.33 -3.22	21.25 1.11 -4.89	19.14 1.12 -2.71	17.79 1.07 -1.99	17.42 1.08 -1.80	17.27 1.11 -0.99	17.98 1.16 -1.52	21.03 1.20 -4.42	21.78 1.23 -5.18	22.83 1.29 -5.76	23.90 1.44 -4.87	24.96 1.66 -4.27	26.10 1.79 -3.74	27.95 2.01 -3.82	33.55 2.08 -7.51	32.48 2.28 -5.12	38.89 2.58 -9.20	41.80 2.74 -8.68	45.09 2.26 -16.58	37.41 2.31 -8.86	35.85 2.22 -8.36	31.99 2.03 -6.40	31.91 1.77 -10.52	25.72 1.43 -6.03
PJM_GEN_VFT_PROXY 323633	19.99 1.09 -0.65	18.46 0.95 -2.26	17.16 0.92 -0.93	15.94 0.90 -0.32	15.62 0.90 -0.17	16.26 0.93 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.57 1.09 -2.10	19.20 1.18 -2.25	19.94 1.39 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.28 2.47 -2.70	35.64 2.52 -2.74	41.37 2.02 -13.10	33.65 2.07 -5.34	32.32 2.07 -4.99	28.45 1.86 -3.03	23.82 1.63 -2.57	22.27 1.28 -2.73
PLATSBRG_115KV_PMLD1 355749	18.53 0.29 0.00	15.57 0.32 0.00	15.54 0.23 0.00	14.95 0.22 0.00	14.87 0.32 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.68 0.28 0.00	15.60 0.23 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.27 0.31 0.00	25.38 0.30 0.00	27.52 0.41 0.00	31.11 0.73 0.00	26.93 0.68 0.00	26.68 0.45 0.00	25.69 0.43 0.00	23.87 0.31 0.00	19.87 0.26 0.00	18.48 0.22 0.00
PLEASANTVLY__LBMP 24000	19.94 1.02 -0.68	18.46 0.85 -2.36	17.12 0.84 -0.96	15.87 0.81 -0.33	15.54 0.81 -0.18	16.18 0.83 -0.18	17.77 0.89 -1.58	18.14 0.89 -1.84	18.50 0.94 -2.19	19.09 0.98 -2.34	19.75 1.16 -1.00	20.87 1.33 -0.50	22.00 1.42 0.00	23.73 1.61 0.00	25.56 1.60 0.00	27.01 1.76 -0.18	32.01 2.06 -2.84	35.37 2.13 -2.86	41.76 1.73 -13.78	33.58 1.76 -5.58	32.16 1.69 -5.20	28.28 1.56 -3.16	23.64 1.33 -2.68	22.20 1.10 -2.84
PLSNTVLE_13_KV_13.8KVDIST 80602	20.03 1.13 -0.66	18.46 0.93 -2.28	17.18 0.93 -0.93	15.95 0.90 -0.32	15.61 0.89 -0.17	16.25 0.91 -0.17	17.81 0.98 -1.53	18.19 1.00 -1.78	18.54 1.05 -2.12	19.14 1.10 -2.27	19.88 1.32 -0.97	21.02 1.50 -0.48	22.23 1.65 0.00	23.95 1.84 0.00	25.82 1.87 0.00	27.30 2.06 -0.16	32.24 2.41 -2.72	35.63 2.49 -2.76	41.49 2.05 -13.19	33.69 2.07 -5.38	32.28 2.00 -5.02	28.43 1.81 -3.05	23.76 1.55 -2.59	22.25 1.24 -2.75

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.03 1.13 -0.66	18.46 0.93 -2.28	17.18 0.93 -0.93	15.95 0.90 -0.32	15.61 0.89 -0.17	16.25 0.91 -0.17	17.81 0.98 -1.53	18.19 1.00 -1.78	18.54 1.05 -2.12	19.14 1.10 -2.27	19.88 1.32 -0.97	21.02 1.50 -0.48	22.23 1.65 0.00	23.95 1.84 0.00	25.82 1.87 0.00	27.30 2.06 -0.16	32.24 2.41 -2.72	35.63 2.49 -2.76	41.49 2.05 -13.19	33.69 2.07 -5.38	32.28 2.00 -5.02	28.43 1.81 -3.05	23.76 1.55 -2.59	22.25 1.24 -2.75
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.99 1.08 -0.67	18.44 0.87 -2.32	17.13 0.87 -0.95	15.88 0.82 -0.32	15.55 0.83 -0.17	16.19 0.85 -0.17	17.76 0.90 -1.55	18.12 0.91 -1.81	18.49 0.97 -2.15	19.08 1.01 -2.30	19.75 1.18 -0.98	20.94 1.41 -0.49	22.14 1.56 0.00	23.86 1.75 0.00	25.73 1.77 0.00	27.04 1.96 0.00	31.80 2.30 -2.38	35.65 2.43 -2.84	40.67 1.97 -12.45	33.77 1.97 -5.56	32.32 1.87 -5.19	28.44 1.72 -3.15	23.73 1.43 -2.68	22.22 1.17 -2.79
POLETTI____ 23519	20.04 1.15 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.65 0.93 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.12 1.60 -0.48	22.31 1.73 0.00	24.06 1.95 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.36 2.55 -2.70	35.70 2.58 -2.74	41.48 2.13 -13.10	33.71 2.13 -5.34	32.32 2.07 -4.99	28.46 1.86 -3.03	23.84 1.65 -2.57	22.29 1.30 -2.73
PORT_JEFF_3 23555	26.29 1.44 -6.61	24.80 1.22 -8.33	21.61 1.24 -5.06	20.14 1.22 -4.19	19.72 1.24 -3.94	18.55 1.30 -2.08	18.18 1.36 -1.52	24.68 1.37 -7.91	25.96 1.37 -9.22	27.58 1.44 -10.37	29.13 1.53 -10.01	30.06 1.77 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.69 2.35 -17.38	39.35 2.63 -11.64	47.70 2.85 -17.74	49.91 3.04 -16.49	49.95 2.55 -21.15	42.44 2.73 -13.47	40.66 2.60 -12.80	36.74 2.36 -10.82	42.55 1.96 -20.97	30.22 1.59 -10.36
PORT_JEFF_4 23616	26.29 1.44 -6.61	24.80 1.22 -8.33	21.61 1.24 -5.06	20.14 1.22 -4.19	19.72 1.24 -3.94	18.55 1.30 -2.08	18.18 1.36 -1.52	24.68 1.37 -7.91	25.96 1.37 -9.22	27.58 1.44 -10.37	29.13 1.53 -10.01	30.06 1.77 -9.25	31.18 1.96 -8.64	33.16 2.19 -8.85	43.69 2.35 -17.38	39.35 2.63 -11.64	47.70 2.85 -17.74	49.91 3.04 -16.49	49.95 2.55 -21.15	42.44 2.73 -13.47	40.66 2.60 -12.80	36.74 2.36 -10.82	42.55 1.96 -20.97	30.22 1.59 -10.36
PORT_JEFF_IC 23713	26.29 1.44 -6.61	24.80 1.22 -8.33	21.63 1.26 -5.06	20.14 1.22 -4.19	19.72 1.24 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.68 1.37 -7.91	25.96 1.37 -9.22	27.60 1.45 -10.37	29.13 1.53 -10.01	30.06 1.77 -9.25	31.20 1.98 -8.64	33.20 2.23 -8.85	43.71 2.37 -17.38	39.40 2.69 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.47 2.75 -13.47	40.71 2.65 -12.80	36.79 2.40 -10.82	42.57 1.98 -20.97	30.23 1.61 -10.36
PPL PILGRIM_ST_GT1 24216	26.44 1.59 -6.61	24.91 1.33 -8.33	21.72 1.35 -5.06	20.22 1.30 -4.19	19.79 1.31 -3.94	18.61 1.37 -2.08	18.23 1.41 -1.52	24.74 1.43 -7.91	26.05 1.46 -9.22	27.67 1.53 -10.37	29.27 1.67 -10.01	30.21 1.92 -9.25	31.34 2.12 -8.64	33.33 2.37 -8.85	43.85 2.51 -17.38	39.43 2.71 -11.64	47.67 2.82 -17.74	49.91 3.04 -16.49	49.95 2.55 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.93 2.55 -10.82	42.70 2.12 -20.97	30.36 1.74 -10.36
PPL PILGRIM_ST_GT2 24217	26.44 1.59 -6.61	24.91 1.33 -8.33	21.72 1.35 -5.06	20.22 1.30 -4.19	19.79 1.31 -3.94	18.61 1.37 -2.08	18.23 1.41 -1.52	24.74 1.43 -7.91	26.05 1.46 -9.22	27.67 1.53 -10.37	29.27 1.67 -10.01	30.21 1.92 -9.25	31.34 2.12 -8.64	33.33 2.37 -8.85	43.85 2.51 -17.38	39.43 2.71 -11.64	47.67 2.82 -17.74	49.91 3.04 -16.49	49.95 2.55 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.93 2.55 -10.82	42.70 2.12 -20.97	30.36 1.74 -10.36
PPL_SHRM_GT3 24213	26.11 1.26 -6.61	24.69 1.11 -8.33	21.48 1.10 -5.06	20.03 1.11 -4.19	19.63 1.15 -3.94	18.52 1.27 -2.08	18.17 1.35 -1.52	24.61 1.29 -7.91	25.81 1.21 -9.22	27.42 1.28 -10.37	28.94 1.34 -10.01	29.85 1.56 -9.25	30.99 1.77 -8.64	32.96 1.99 -8.85	43.47 2.13 -17.38	39.18 2.46 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.29 2.57 -13.47	40.54 2.48 -12.80	36.60 2.21 -10.82	42.39 1.80 -20.97	30.07 1.44 -10.36
PPL_SHRM_GT4 24214	26.11 1.26 -6.61	24.69 1.11 -8.33	21.48 1.10 -5.06	20.03 1.11 -4.19	19.63 1.15 -3.94	18.52 1.27 -2.08	18.17 1.35 -1.52	24.61 1.29 -7.91	25.81 1.21 -9.22	27.42 1.28 -10.37	28.94 1.34 -10.01	29.85 1.56 -9.25	30.99 1.77 -8.64	32.96 1.99 -8.85	43.47 2.13 -17.38	39.18 2.46 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.29 2.57 -13.47	40.54 2.48 -12.80	36.60 2.21 -10.82	42.39 1.80 -20.97	30.07 1.44 -10.36
PROJECT____ORANGE 1 24174	18.23 -0.07 -0.06	15.35 -0.11 -0.21	15.31 -0.09 -0.09	14.67 -0.09 -0.03	14.45 -0.12 -0.02	15.08 -0.11 -0.02	15.34 -0.11 -0.14	15.46 -0.11 -0.16	15.44 -0.12 -0.20	15.85 -0.13 -0.21	17.52 -0.16 -0.09	18.95 -0.13 -0.04	20.48 -0.10 0.00	21.98 -0.13 0.00	23.93 -0.02 0.00	24.98 -0.10 0.00	27.11 -0.22 -0.22	30.24 -0.36 -0.22	27.07 -0.16 -0.98	26.54 -0.13 -0.44	25.57 -0.10 -0.41	23.72 -0.09 -0.25	19.73 -0.10 -0.21	18.48 -0.04 -0.25
PROJECT____ORANGE 2 24166	18.23 -0.07 -0.06	15.35 -0.11 -0.21	15.31 -0.09 -0.09	14.67 -0.09 -0.03	14.45 -0.12 -0.02	15.08 -0.11 -0.02	15.34 -0.11 -0.14	15.46 -0.11 -0.16	15.44 -0.12 -0.20	15.85 -0.13 -0.21	17.52 -0.16 -0.09	18.95 -0.13 -0.04	20.48 -0.10 0.00	21.98 -0.13 0.00	23.93 -0.02 0.00	24.98 -0.10 0.00	27.11 -0.22 -0.22	30.24 -0.36 -0.22	27.07 -0.16 -0.98	26.54 -0.13 -0.44	25.57 -0.10 -0.41	23.72 -0.09 -0.25	19.73 -0.10 -0.21	18.48 -0.04 -0.25
PUCKETT____SOLAR 323809	18.82 0.36 -0.21	16.23 0.24 -0.74	15.89 0.28 -0.30	15.10 0.27 -0.10	14.89 0.29 -0.06	15.51 0.29 -0.06	16.06 0.26 -0.50	16.21 0.23 -0.58	16.21 0.15 -0.69	16.60 0.10 -0.74	17.97 0.07 -0.31	19.37 0.17 -0.16	20.89 0.31 0.00	22.47 0.35 0.00	24.46 0.50 0.00	25.66 0.58 0.00	28.30 0.43 -0.76	31.91 0.46 -1.07	31.63 0.68 -4.70	29.12 0.79 -2.10	28.03 0.81 -1.96	25.56 0.80 -1.19	21.20 0.57 -1.01	19.59 0.44 -0.89
PYRITES____HYD 24023	18.22 -0.02 0.00	15.30 0.05 0.00	15.31 0.00 0.00	14.71 -0.01 0.00	14.61 0.06 0.00	15.12 -0.05 0.00	15.26 -0.05 0.00	15.37 -0.03 0.00	15.28 -0.09 0.00	15.69 -0.08 0.00	17.54 -0.05 0.00	18.98 -0.06 0.00	20.44 -0.14 0.00	22.01 -0.11 0.00	23.81 -0.14 0.00	24.98 -0.10 0.00	26.95 -0.16 0.00	30.53 0.15 0.00	26.41 0.16 0.00	26.32 0.08 0.00	25.44 0.18 0.00	23.75 0.19 0.00	19.74 0.12 0.00	18.37 0.11 0.00
QUAKERRD_115KV_BK1 80622	17.77 -0.55 -0.08	14.98 -0.55 -0.27	14.95 -0.47 -0.11	14.32 -0.44 -0.04	14.03 -0.54 -0.02	14.67 -0.52 -0.02	14.97 -0.52 -0.18	15.08 -0.54 -0.21	15.03 -0.60 -0.26	15.41 -0.63 -0.27	16.93 -0.77 -0.12	18.32 -0.78 -0.06	19.74 -0.84 0.00	21.19 -0.93 0.00	23.28 -0.67 0.00	24.15 -0.93 0.00	26.25 -1.14 -0.28	29.08 -1.61 -0.31	26.57 -1.05 -1.37	25.83 -1.02 -0.61	24.87 -0.96 -0.57	23.04 -0.87 -0.35	19.09 -0.82 -0.29	17.97 -0.62 -0.33

QUENSBRY_I15KV_TB8 356137	20.65 1.57 -0.84	19.39 1.24 -2.90	17.73 1.23 -1.19	16.31 1.18 -0.41	15.92 1.15 -0.22	16.64 1.26 -0.22	18.47 1.22 -1.94	18.93 1.26 -2.27	19.39 1.32 -2.70	20.06 1.40 -2.88	20.28 1.46 -1.23	21.29 1.64 -0.61	22.37 1.79 0.00	23.91 1.79 0.00	25.80 1.84 0.00	26.45 1.50 0.14	31.70 1.92 -2.66	40.68 2.37 -7.93	62.29 2.21 -33.84	43.98 2.18 -15.57	41.86 2.07 -14.52	34.25 1.86 -8.82	28.60 1.49 -7.49	23.49 1.73 -3.50
RAMAPO____LBMP 323565	19.87 1.00 -0.63	18.25 0.82 -2.18	17.02 0.81 -0.89	15.81 0.78 -0.31	15.50 0.79 -0.16	16.12 0.79 -0.16	17.64 0.87 -1.46	18.00 0.89 -1.70	18.33 0.94 -2.03	18.93 0.99 -2.16	19.69 1.18 -0.93	20.87 1.37 -0.46	22.06 1.48 0.00	23.80 1.68 0.00	25.68 1.72 0.00	27.13 1.91 -0.14	31.88 2.20 -2.58	35.29 2.28 -2.63	40.65 1.86 -12.53	33.26 1.89 -5.14	31.85 1.79 -4.79	28.13 1.65 -2.91	23.50 1.41 -2.47	22.00 1.11 -2.62
RANKINE____ 23646	18.01 -0.35 -0.11	15.18 -0.46 -0.39	15.14 -0.34 -0.16	14.49 -0.29 -0.05	14.39 -0.19 -0.03	14.98 -0.21 -0.03	15.18 -0.38 -0.26	15.26 -0.45 -0.30	15.05 -0.68 -0.36	15.40 -0.76 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.88 -0.70 0.00	21.32 -0.80 0.00	23.62 -0.34 0.00	24.33 -0.75 0.00	26.10 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.28 -0.87 -0.91	25.35 -0.76 -0.85	23.44 -0.64 -0.51	19.37 -0.69 -0.44	18.09 -0.64 -0.46
RAVENSWOOD_GT2_1 24244	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD_GT2_2 24245	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD_GT2_3 24246	20.08 1.19 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.36 2.55 -2.70	35.79 2.67 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.32 1.33 -2.73
RAVENSWOOD_GT2_4 24247	20.08 1.19 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.36 2.55 -2.70	35.79 2.67 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.32 1.33 -2.73
RAVENSWOOD_GT3_1 24248	20.08 1.19 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD_GT3_2 24249	20.08 1.19 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD_GT3_3 24250	20.10 1.20 -0.65	18.51 0.99 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.61 1.14 -2.10	19.23 1.21 -2.25	19.98 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.44 2.63 -2.70	35.79 2.67 -2.74	41.56 2.21 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.88 1.69 -2.57	22.34 1.35 -2.73
RAVENSWOOD_GT3_4 24251	20.10 1.20 -0.65	18.50 0.99 -2.26	17.23 0.99 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.31 0.97 -0.17	17.88 1.06 -1.51	18.27 1.09 -1.77	18.61 1.14 -2.10	19.24 1.21 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.39 2.58 -2.70	35.82 2.70 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.88 1.69 -2.57	22.34 1.35 -2.73
RAVENSWOOD_GT_1 23729	20.12 1.22 -0.65	18.52 1.01 -2.26	17.23 0.99 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.58 1.11 -2.10	19.22 1.20 -2.25	19.97 1.42 -0.96	21.15 1.64 -0.48	22.35 1.77 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.50 2.26 -0.16	32.41 2.60 -2.70	35.82 2.70 -2.74	41.61 2.26 -13.10	33.79 2.20 -5.34	32.39 2.15 -4.99	28.50 1.91 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
RAVENSWOOD_GT_10 24258	20.06 1.17 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.38 2.58 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.30 1.31 -2.73
RAVENSWOOD_GT_11 24259	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD_GT_4 24252	20.06 1.17 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.38 2.58 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.84 1.65 -2.57	22.30 1.31 -2.73



RAVENSWOOD_GT_5 24254	20.06 1.17 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.38 2.58 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.84 1.65 -2.57	22.30 1.31 -2.73
RAVENSWOOD_GT_6 24253	20.06 1.17 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.38 2.58 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.84 1.65 -2.57	22.30 1.31 -2.73
RAVENSWOOD_GT_7 24255	20.06 1.17 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.25 1.08 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.38 2.58 -2.70	35.76 2.64 -2.74	41.50 2.15 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.84 1.65 -2.57	22.30 1.31 -2.73
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.06 1.17 -0.65	18.49 0.98 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.38 2.58 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.34 2.10 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.30 1.31 -2.73
RAVENSWOOD_GT_9 24257	20.06 1.17 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.86 1.04 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD___1 23533	20.12 1.22 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	16.02 0.97 -0.32	15.69 0.97 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.57 1.09 -2.10	19.20 1.18 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.35 1.77 0.00	24.11 1.99 0.00	26.04 2.08 0.00	27.47 2.23 -0.16	32.39 2.58 -2.70	35.82 2.70 -2.74	41.61 2.26 -13.10	33.79 2.20 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.92 1.73 -2.57	22.36 1.37 -2.73
RAVENSWOOD___2 23534	20.10 1.20 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.29 0.96 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.57 1.09 -2.10	19.20 1.18 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.39 2.58 -2.70	35.82 2.70 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
RAVENSWOOD___3 23535	20.08 1.19 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.60 1.12 -2.10	19.22 1.20 -2.25	19.96 1.41 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.08 1.97 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.33 2.52 -2.70	35.76 2.64 -2.74	41.53 2.18 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.50 1.91 -3.03	23.86 1.67 -2.57	22.31 1.32 -2.73
RAVENSWOOD___4 23820	20.10 1.20 -0.65	18.50 0.99 -2.26	17.22 0.98 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.28 0.94 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.57 1.09 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.47 2.23 -0.16	32.39 2.58 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.76 2.18 -5.34	32.37 2.12 -4.99	28.48 1.89 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
RCPL_TRUST___DRP 24196	20.10 1.20 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.02 0.97 -0.32	15.68 0.96 -0.17	16.32 0.99 -0.17	17.89 1.07 -1.51	18.28 1.11 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.58 2.23 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.88 1.69 -2.57	22.34 1.35 -2.73
RED___ROCHESTER 323720	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.43 0.00 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.11 -0.08 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.47 -0.17 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.31 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	23.93 -0.02 0.00	24.88 -0.20 0.00	27.00 -0.41 -0.29	29.85 -0.85 -0.32	27.33 -0.34 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.65 -0.27 -0.31	18.50 -0.11 -0.34
REGAN___SOLAR 323812	21.12 1.93 -0.95	20.06 1.52 -3.29	18.16 1.50 -1.34	16.63 1.44 -0.46	16.21 1.41 -0.25	16.98 1.56 -0.25	19.01 1.50 -2.20	19.47 1.49 -2.57	19.83 1.40 -3.06	20.40 1.36 -3.27	20.46 1.48 -1.40	21.41 1.68 -0.69	22.41 1.83 0.00	24.13 2.01 0.00	26.16 2.20 0.00	27.42 2.43 0.09	33.09 2.82 -3.16	41.38 3.58 -7.42	61.83 3.70 -31.87	44.57 3.78 -14.55	42.47 3.64 -13.57	35.11 3.30 -8.25	29.19 2.57 -7.00	24.49 2.26 -3.96
RENSSELAER___COGEN 23796	19.54 0.49 -0.81	18.46 0.41 -2.80	16.92 0.46 -1.14	15.58 0.46 -0.39	15.21 0.45 -0.21	15.85 0.47 -0.21	17.59 0.41 -1.87	18.04 0.45 -2.19	18.45 0.48 -2.60	19.03 0.47 -2.78	19.36 0.58 -1.19	20.24 0.61 -0.59	21.24 0.66 0.00	22.87 0.75 0.00	24.67 0.72 0.00	25.76 0.80 0.12	30.64 0.95 -2.59	36.83 1.00 -5.45	50.10 0.84 -23.01	37.77 0.84 -10.69	36.04 0.81 -9.98	30.40 0.78 -6.06	25.43 0.67 -5.14	22.17 0.53 -3.37
REPUBLIC_115KV_BARTNBRK 55605	21.60 2.52 -0.83	20.12 1.97 -2.90	18.43 1.93 -1.19	17.00 1.87 -0.41	16.58 1.82 -0.22	17.40 2.02 -0.22	19.21 1.96 -1.94	19.73 2.06 -2.27	20.24 2.17 -2.70	20.99 2.33 -2.88	21.34 2.52 -1.23	22.45 2.80 -0.61	23.65 3.07 0.00	25.32 3.21 0.00	27.28 3.33 0.00	28.20 3.26 0.14	33.53 3.77 -2.66	42.78 4.50 -7.91	64.22 4.25 -33.72	45.88 4.12 -15.52	43.63 3.89 -14.48	35.85 3.49 -8.80	29.81 2.73 -7.46	24.57 2.81 -3.49
REVERE_CPPR_DRP 24186	18.75 0.47 -0.03	15.70 0.34 -0.12	15.70 0.34 -0.05	15.05 0.31 -0.02	14.88 0.32 -0.01	15.52 0.35 -0.01	15.72 0.34 -0.08	15.83 0.34 -0.09	15.76 0.28 -0.11	16.17 0.28 -0.12	17.94 0.30 -0.05	19.50 0.44 -0.03	21.09 0.51 0.00	22.69 0.58 0.00	24.65 0.69 0.00	25.88 0.80 0.00	27.91 0.68 -0.12	31.17 0.79 0.00	27.14 0.89 0.00	27.18 0.94 0.00	26.25 0.99 0.00	24.58 1.01 0.00	20.36 0.75 0.00	19.10 0.69 -0.14

REYNOLDS_115KV_TB3 80639	19.73 0.67 -0.81	18.62 0.56 -2.81	17.06 0.60 -1.15	15.70 0.57 -0.39	15.34 0.58 -0.21	15.99 0.61 -0.21	17.73 0.55 -1.88	18.15 0.55 -2.19	18.56 0.58 -2.61	19.14 0.58 -2.79	19.48 0.70 -1.19	20.39 0.76 -0.59	21.38 0.80 0.00	23.02 0.91 0.00	24.79 0.84 0.00	25.91 0.98 0.15	30.79 1.14 -2.54	37.33 1.18 -5.76	51.50 1.00 -24.25	38.58 1.02 -11.32	36.80 0.99 -10.56	30.92 0.94 -6.42	25.89 0.82 -5.44	22.34 0.69 -3.38
RIVERBAY____ 323610	20.39 1.50 -0.65	18.76 1.25 -2.26	17.47 1.23 -0.93	16.27 1.22 -0.32	15.94 1.22 -0.17	16.51 1.17 -0.17	18.00 1.18 -1.51	18.37 1.20 -1.77	18.66 1.18 -2.10	19.31 1.29 -2.25	20.12 1.57 -0.96	21.31 1.79 -0.48	22.53 1.96 0.00	24.35 2.23 0.00	26.25 2.30 0.00	27.70 2.46 -0.16	32.71 2.90 -2.70	36.13 3.01 -2.74	41.84 2.49 -13.10	33.97 2.39 -5.34	32.57 2.32 -4.99	28.71 2.12 -3.03	24.19 2.00 -2.57	22.62 1.63 -2.73
RIVERSDE_115KV_TB3 55908	19.64 0.58 -0.81	18.55 0.49 -2.81	17.00 0.54 -1.15	15.64 0.52 -0.39	15.28 0.52 -0.21	15.92 0.55 -0.21	17.66 0.47 -1.88	18.11 0.51 -2.20	18.52 0.54 -2.62	19.12 0.55 -2.79	19.43 0.65 -1.20	20.34 0.70 -0.59	21.32 0.74 0.00	22.96 0.84 0.00	24.72 0.77 0.00	25.85 0.90 0.14	30.76 1.08 -2.57	37.30 1.12 -5.79	51.65 0.95 -24.45	38.56 0.94 -11.37	36.78 0.91 -10.61	30.88 0.87 -6.45	25.83 0.75 -5.47	22.27 0.62 -3.39
ROARING____BROOK_WT_PWR 323790	17.97 -0.27 0.00	15.04 -0.21 0.00	15.05 -0.26 0.00	14.48 -0.25 0.00	14.30 -0.25 0.00	14.86 -0.30 0.00	15.00 -0.31 0.00	15.11 -0.29 0.00	15.08 -0.29 0.00	15.52 -0.25 0.00	17.34 -0.25 0.00	18.73 -0.31 0.00	20.21 -0.37 0.00	21.74 -0.38 0.00	23.52 -0.43 0.00	24.60 -0.48 0.00	26.62 -0.49 0.00	29.98 -0.40 0.00	25.86 -0.39 0.00	25.74 -0.50 0.00	24.75 -0.51 0.00	23.00 -0.57 0.00	19.11 -0.51 0.00	17.73 -0.53 0.00
ROCHESRG_115KV_T4 355643	18.14 -0.18 -0.08	15.29 -0.24 -0.28	15.28 -0.15 -0.12	14.65 -0.12 -0.04	14.32 -0.25 -0.02	14.99 -0.20 -0.02	15.30 -0.20 -0.19	15.38 -0.25 -0.22	15.28 -0.35 -0.26	15.67 -0.38 -0.28	17.18 -0.53 -0.12	18.58 -0.51 -0.06	20.06 -0.51 0.00	21.52 -0.60 0.00	23.72 -0.24 0.00	24.56 -0.53 0.00	26.64 -0.76 -0.29	29.49 -1.22 -0.32	27.01 -0.66 -1.41	26.27 -0.60 -0.63	25.29 -0.56 -0.59	23.45 -0.47 -0.36	19.43 -0.49 -0.30	18.31 -0.29 -0.34
ROCHESTER_9_IC 23652	18.23 -0.09 -0.08	15.35 -0.18 -0.28	15.34 -0.09 -0.12	14.71 -0.06 -0.04	14.38 -0.19 -0.02	15.05 -0.14 -0.02	15.36 -0.14 -0.19	15.44 -0.18 -0.22	15.36 -0.28 -0.26	15.75 -0.30 -0.28	17.29 -0.42 -0.12	18.70 -0.40 -0.06	20.19 -0.39 0.00	21.67 -0.44 0.00	23.88 -0.07 0.00	24.73 -0.35 0.00	26.83 -0.57 -0.29	29.67 -1.03 -0.32	27.20 -0.47 -1.42	26.45 -0.42 -0.64	25.47 -0.38 -0.59	23.62 -0.31 -0.36	19.53 -0.39 -0.31	18.42 -0.18 -0.34
ROCKVIEW_13_KV_LD 356306	20.08 1.19 -0.65	18.49 0.98 -2.26	17.22 0.98 -0.93	15.99 0.94 -0.32	15.65 0.93 -0.17	16.29 0.96 -0.17	17.85 1.03 -1.51	18.23 1.06 -1.77	18.58 1.11 -2.10	19.20 1.18 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.09 1.97 0.00	25.97 2.01 0.00	27.44 2.21 -0.16	32.38 2.58 -2.70	35.79 2.67 -2.74	41.56 2.21 -13.10	33.81 2.23 -5.34	32.37 2.12 -4.99	28.53 1.93 -3.03	23.84 1.65 -2.57	22.30 1.31 -2.73
ROME____115KV_TB2 80656	18.75 0.47 -0.03	15.70 0.34 -0.12	15.70 0.34 -0.05	15.05 0.31 -0.02	14.88 0.32 -0.01	15.52 0.35 -0.01	15.72 0.34 -0.08	15.83 0.34 -0.09	15.76 0.28 -0.11	16.17 0.28 -0.12	17.94 0.30 -0.05	19.50 0.44 -0.03	21.09 0.51 0.00	22.69 0.58 0.00	24.65 0.69 0.00	25.88 0.80 0.00	27.91 0.68 -0.12	31.17 0.79 0.00	27.14 0.89 0.00	27.18 0.94 0.00	26.25 0.99 0.00	24.58 1.01 0.00	20.36 0.75 0.00	19.10 0.69 -0.14
ROSETON____1 23587	19.88 0.98 -0.65	18.33 0.81 -2.27	17.05 0.81 -0.93	15.83 0.78 -0.32	15.49 0.77 -0.17	16.14 0.80 -0.17	17.68 0.86 -1.52	18.04 0.86 -1.77	18.39 0.91 -2.11	18.97 0.95 -2.25	19.68 1.13 -0.96	20.81 1.30 -0.48	21.98 1.40 0.00	23.69 1.57 0.00	25.56 1.61 0.00	26.98 1.76 -0.14	31.78 2.01 -2.67	35.20 2.09 -2.72	40.90 1.73 -12.92	33.31 1.76 -5.32	31.91 1.69 -4.96	28.13 1.55 -3.01	23.51 1.33 -2.56	22.05 1.06 -2.73
ROSETON____2 23588	19.88 0.98 -0.65	18.33 0.81 -2.27	17.05 0.81 -0.93	15.83 0.78 -0.32	15.49 0.77 -0.17	16.14 0.80 -0.17	17.68 0.86 -1.52	18.04 0.86 -1.77	18.39 0.91 -2.11	18.97 0.95 -2.25	19.68 1.13 -0.96	20.81 1.30 -0.48	21.98 1.40 0.00	23.69 1.57 0.00	25.56 1.61 0.00	26.98 1.76 -0.14	31.78 2.01 -2.67	35.20 2.09 -2.72	40.90 1.73 -12.92	33.31 1.76 -5.32	31.91 1.69 -4.96	28.13 1.55 -3.01	23.51 1.33 -2.56	22.05 1.06 -2.73
ROTTTRDAM_115KV_TB3 80664	19.93 0.84 -0.84	18.87 0.69 -2.94	17.20 0.69 -1.20	15.80 0.66 -0.41	15.42 0.65 -0.22	16.07 0.68 -0.22	17.94 0.67 -1.96	18.38 0.68 -2.30	18.79 0.69 -2.73	19.41 0.73 -2.92	19.65 0.81 -1.25	20.57 0.91 -0.62	21.57 0.99 0.00	23.20 1.08 0.00	25.03 1.08 0.00	26.12 1.15 0.11	31.20 1.33 -2.76	40.19 1.46 -8.35	63.42 1.31 -35.86	43.94 1.31 -16.39	41.84 1.29 -15.29	34.03 1.18 -9.29	28.48 0.98 -7.88	22.69 0.89 -3.54
RUSSELL____1 23602	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.40 -0.03 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.44 -0.20 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.30 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	24.05 0.10 0.00	24.88 -0.20 0.00	26.99 -0.41 -0.29	29.85 -0.85 -0.32	27.36 -0.32 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.63 -0.29 -0.31	18.50 -0.11 -0.34
RUSSELL____2 23532	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.40 -0.03 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.44 -0.20 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.30 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	24.05 0.10 0.00	24.88 -0.20 0.00	26.99 -0.41 -0.29	29.85 -0.85 -0.32	27.36 -0.32 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.63 -0.29 -0.31	18.50 -0.11 -0.34
RUSSELL____3 23549	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.40 -0.03 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.44 -0.20 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.30 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	24.05 0.10 0.00	24.88 -0.20 0.00	26.99 -0.41 -0.29	29.85 -0.85 -0.32	27.36 -0.32 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.63 -0.29 -0.31	18.50 -0.11 -0.34
RUSSELL____4 23556	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.40 -0.03 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.44 -0.20 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.30 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	24.05 0.10 0.00	24.88 -0.20 0.00	26.99 -0.41 -0.29	29.85 -0.85 -0.32	27.36 -0.32 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.63 -0.29 -0.31	18.50 -0.11 -0.34

RUSSELL___STATION 23914	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.40 -0.03 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.44 -0.20 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.30 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	24.05 0.10 0.00	24.88 -0.20 0.00	26.99 -0.41 -0.29	29.85 -0.85 -0.32	27.36 -0.32 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.63 -0.29 -0.31	18.50 -0.11 -0.34
S SALMON___HYD 24043	18.26 -0.04 -0.05	15.34 -0.08 -0.17	15.32 -0.06 -0.07	14.68 -0.07 -0.02	14.49 -0.07 -0.01	15.10 -0.08 -0.01	15.34 -0.08 -0.11	15.44 -0.09 -0.13	15.40 -0.12 -0.16	15.80 -0.14 -0.17	17.47 -0.19 -0.07	18.92 -0.15 -0.04	20.44 -0.14 0.00	21.92 -0.20 0.00	23.81 -0.14 0.00	24.91 -0.17 0.00	26.96 -0.32 -0.17	29.98 -0.40 0.00	26.12 -0.13 0.00	26.16 -0.08 0.00	25.23 -0.03 0.00	23.68 0.12 0.00	19.66 0.04 0.00	18.54 0.07 -0.20
S.PERRY__115KV_TB1 80734	18.70 0.35 -0.11	15.79 0.14 -0.40	15.69 0.21 -0.16	15.00 0.22 -0.06	14.75 0.17 -0.03	15.41 0.21 -0.03	15.66 0.09 -0.27	15.62 -0.09 -0.31	15.37 -0.37 -0.37	15.68 -0.49 -0.39	17.07 -0.69 -0.17	18.48 -0.65 -0.08	20.04 -0.54 0.00	21.54 -0.58 0.00	23.76 -0.19 0.00	24.61 -0.48 0.00	26.81 -0.70 -0.41	30.07 -0.79 -0.48	28.41 0.05 -2.11	27.60 0.42 -0.94	26.64 0.51 -0.88	24.62 0.52 -0.53	20.29 0.22 -0.45	18.98 0.24 -0.48
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.95 -0.40 -0.11	15.13 -0.49 -0.37	15.11 -0.35 -0.15	14.48 -0.29 -0.05	14.30 -0.28 -0.03	14.92 -0.27 -0.03	15.15 -0.40 -0.25	15.18 -0.51 -0.29	14.99 -0.72 -0.34	15.33 -0.80 -0.37	16.71 -1.04 -0.16	18.07 -1.05 -0.08	19.67 -0.91 0.00	21.08 -1.04 0.00	23.40 -0.55 0.00	24.05 -1.03 0.00	25.89 -1.60 -0.38	28.79 -2.04 -0.44	27.00 -1.18 -1.93	25.97 -1.13 -0.86	25.06 -1.01 -0.81	23.18 -0.87 -0.49	19.17 -0.86 -0.42	18.01 -0.69 -0.44
SAWYER__23_KV_LOAD 55526	17.95 -0.40 -0.11	15.13 -0.49 -0.37	15.11 -0.35 -0.15	14.48 -0.29 -0.05	14.30 -0.28 -0.03	14.92 -0.27 -0.03	15.15 -0.40 -0.25	15.18 -0.51 -0.29	14.99 -0.72 -0.34	15.33 -0.80 -0.37	16.71 -1.04 -0.16	18.07 -1.05 -0.08	19.67 -0.91 0.00	21.08 -1.04 0.00	23.40 -0.55 0.00	24.05 -1.03 0.00	25.89 -1.60 -0.38	28.79 -2.04 -0.44	27.00 -1.18 -1.93	25.97 -1.13 -0.86	25.06 -1.01 -0.81	23.18 -0.87 -0.49	19.17 -0.86 -0.42	18.01 -0.69 -0.44
SELKIRK___I 23801	19.71 0.68 -0.79	18.57 0.56 -2.76	17.04 0.60 -1.13	15.70 0.59 -0.39	15.32 0.57 -0.21	15.98 0.61 -0.21	17.70 0.55 -1.85	18.13 0.57 -2.16	18.53 0.60 -2.56	19.11 0.60 -2.74	19.46 0.70 -1.17	20.38 0.76 -0.58	21.42 0.84 0.00	23.05 0.93 0.00	24.89 0.93 0.00	26.03 1.03 0.08	30.95 1.19 -2.65	36.30 1.25 -4.68	47.28 1.08 -19.95	36.50 1.08 -9.18	34.89 1.06 -8.57	29.76 0.99 -5.20	24.86 0.82 -4.42	22.30 0.71 -3.32
SELKIRK___II 23799	19.61 0.57 -0.80	18.51 0.47 -2.79	16.96 0.50 -1.14	15.62 0.50 -0.39	15.25 0.49 -0.21	15.89 0.52 -0.21	17.65 0.47 -1.87	18.08 0.49 -2.18	18.49 0.52 -2.59	19.06 0.52 -2.77	19.39 0.62 -1.19	20.31 0.68 -0.59	21.32 0.74 0.00	22.96 0.84 0.00	24.77 0.81 0.00	25.89 0.90 0.10	30.81 1.06 -2.64	36.34 1.09 -4.87	47.85 0.92 -20.68	36.71 0.92 -9.55	35.08 0.91 -8.91	29.83 0.85 -5.42	24.94 0.73 -4.60	22.22 0.60 -3.36
SENECA OSWGO___HYD 24041	18.15 -0.15 -0.05	15.27 -0.17 -0.19	15.25 -0.14 -0.08	14.61 -0.15 -0.03	14.39 -0.17 -0.01	15.01 -0.17 -0.01	15.26 -0.17 -0.13	15.38 -0.17 -0.15	15.38 -0.17 -0.17	15.77 -0.19 -0.19	17.42 -0.25 -0.08	18.83 -0.25 -0.04	20.35 -0.23 0.00	21.83 -0.29 0.00	23.72 -0.24 0.00	24.78 -0.30 0.00	26.92 -0.38 -0.19	29.83 -0.55 0.00	25.94 -0.31 0.00	25.95 -0.29 0.00	25.01 -0.25 0.00	23.33 -0.24 0.00	19.40 -0.22 0.00	18.36 -0.13 -0.23
SENECA___115KV_TB3 355854	18.04 -0.31 -0.11	15.21 -0.43 -0.39	15.15 -0.32 -0.16	14.52 -0.27 -0.05	14.42 -0.16 -0.03	15.00 -0.20 -0.03	15.21 -0.35 -0.26	15.27 -0.43 -0.30	15.07 -0.66 -0.36	15.43 -0.73 -0.38	16.82 -0.93 -0.16	18.19 -0.93 -0.08	19.92 -0.66 0.00	21.34 -0.77 0.00	23.67 -0.29 0.00	24.35 -0.73 0.00	26.12 -1.38 -0.40	29.20 -1.64 -0.46	27.42 -0.87 -2.03	26.33 -0.81 -0.91	25.40 -0.71 -0.85	23.49 -0.59 -0.51	19.41 -0.65 -0.44	18.12 -0.60 -0.46
SENECA___ENERGY 23797	18.22 -0.11 -0.09	15.38 -0.17 -0.30	15.33 -0.11 -0.12	14.65 -0.12 -0.04	14.42 -0.15 -0.02	15.07 -0.12 -0.02	15.35 -0.15 -0.20	15.47 -0.17 -0.23	15.47 -0.18 -0.28	15.85 -0.22 -0.30	17.43 -0.28 -0.13	18.87 -0.23 -0.06	20.41 -0.17 0.00	21.94 -0.18 0.00	23.93 -0.02 0.00	24.98 -0.10 0.00	27.17 -0.24 -0.31	30.30 -0.43 -0.35	27.78 0.00 -1.52	26.89 -0.03 -0.68	25.87 -0.03 -0.64	23.97 0.02 -0.39	19.87 -0.08 -0.33	18.57 -0.05 -0.36
SHOEMAKER___GT 23640	19.70 0.86 -0.60	18.02 0.70 -2.07	16.87 0.70 -0.85	15.68 0.66 -0.29	15.37 0.67 -0.16	16.01 0.68 -0.16	17.43 0.73 -1.38	17.76 0.74 -1.62	18.08 0.78 -1.92	18.63 0.80 -2.06	19.42 0.95 -0.88	20.60 1.12 -0.44	21.83 1.26 0.00	23.51 1.39 0.00	25.42 1.46 0.00	26.79 1.58 -0.13	31.36 1.82 -2.43	34.83 1.95 -2.50	39.70 1.60 -11.85	32.74 1.63 -4.88	31.38 1.57 -4.55	27.77 1.44 -2.76	23.16 1.20 -2.35	21.71 0.95 -2.49
SHOEMAKR_138KV_BK 111 55601	19.71 0.88 -0.59	18.01 0.70 -2.06	16.86 0.70 -0.84	15.69 0.68 -0.29	15.37 0.67 -0.16	16.00 0.68 -0.16	17.42 0.73 -1.38	17.76 0.75 -1.61	18.07 0.78 -1.91	18.63 0.82 -2.04	19.43 0.97 -0.87	20.61 1.14 -0.43	21.83 1.26 0.00	23.53 1.42 0.00	25.39 1.44 0.00	26.81 1.61 -0.13	31.37 1.84 -2.42	34.81 1.94 -2.48	39.62 1.60 -11.76	32.71 1.63 -4.85	31.32 1.54 -4.52	27.75 1.44 -2.75	23.15 1.20 -2.33	21.69 0.95 -2.48
SHOREHAM_IC_1 23715	26.11 1.26 -6.61	24.69 1.11 -8.33	21.48 1.10 -5.06	20.03 1.11 -4.19	19.63 1.15 -3.94	18.52 1.27 -2.08	18.17 1.35 -1.52	24.61 1.29 -7.91	25.81 1.21 -9.22	27.42 1.28 -10.37	28.94 1.34 -10.01	29.85 1.56 -9.25	30.99 1.77 -8.64	32.96 1.99 -8.85	43.47 2.13 -17.38	39.18 2.46 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.29 2.57 -13.47	40.54 2.48 -12.80	36.60 2.21 -10.82	42.39 1.80 -20.97	30.07 1.44 -10.36
SHOREHAM_IC_2 23716	26.11 1.26 -6.61	24.69 1.11 -8.33	21.48 1.10 -5.06	20.03 1.11 -4.19	19.63 1.15 -3.94	18.52 1.27 -2.08	18.17 1.35 -1.52	24.61 1.29 -7.91	25.81 1.21 -9.22	27.42 1.28 -10.37	28.94 1.34 -10.01	29.85 1.56 -9.25	30.99 1.77 -8.64	32.96 1.99 -8.85	43.47 2.13 -17.38	39.18 2.46 -11.64	47.62 2.77 -17.74	49.85 2.98 -16.49	49.90 2.50 -21.15	42.29 2.57 -13.47	40.54 2.48 -12.80	36.60 2.21 -10.82	42.39 1.80 -20.97	30.07 1.44 -10.36
SISSONVILLE___ 23735	18.10 -0.15 0.00	15.20 -0.05 0.00	15.21 -0.11 0.00	14.62 -0.10 0.00	14.50 -0.04 0.00	15.03 -0.14 0.00	15.17 -0.14 0.00	15.28 -0.12 0.00	15.20 -0.17 0.00	15.61 -0.16 0.00	17.45 -0.14 0.00	18.85 -0.19 0.00	20.31 -0.27 0.00	21.85 -0.27 0.00	23.64 -0.31 0.00	24.78 -0.30 0.00	26.78 -0.33 0.00	30.29 -0.09 0.00	26.17 -0.08 0.00	26.05 -0.18 0.00	25.18 -0.08 0.00	23.47 -0.09 0.00	19.54 -0.08 0.00	18.19 -0.07 0.00

SITHE_IND_GS1 24169	17.90 -0.38 -0.04	15.05 -0.35 -0.15	15.04 -0.34 -0.06	14.42 -0.32 -0.02	14.21 -0.35 -0.01	14.83 -0.35 -0.01	15.05 -0.35 -0.10	15.16 -0.35 -0.12	15.14 -0.37 -0.14	15.54 -0.38 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.45 -0.66 0.00	23.31 -0.65 0.00	24.35 -0.73 0.00	26.45 -0.81 -0.15	29.35 -1.03 0.00	25.49 -0.76 0.00	25.48 -0.76 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
SITHE_IND_GS2 24170	17.90 -0.38 -0.04	15.05 -0.35 -0.15	15.04 -0.34 -0.06	14.42 -0.32 -0.02	14.21 -0.35 -0.01	14.83 -0.35 -0.01	15.05 -0.35 -0.10	15.16 -0.35 -0.12	15.14 -0.37 -0.14	15.54 -0.38 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.45 -0.66 0.00	23.31 -0.65 0.00	24.35 -0.73 0.00	26.45 -0.81 -0.15	29.35 -1.03 0.00	25.49 -0.76 0.00	25.48 -0.76 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
SITHE_IND_GS3 24171	17.90 -0.38 -0.04	15.05 -0.35 -0.15	15.04 -0.34 -0.06	14.42 -0.32 -0.02	14.21 -0.35 -0.01	14.83 -0.35 -0.01	15.05 -0.35 -0.10	15.16 -0.35 -0.12	15.14 -0.37 -0.14	15.54 -0.38 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.45 -0.66 0.00	23.31 -0.65 0.00	24.35 -0.73 0.00	26.45 -0.81 -0.15	29.35 -1.03 0.00	25.49 -0.76 0.00	25.48 -0.76 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
SITHE_IND_GS4 24172	17.90 -0.38 -0.04	15.05 -0.35 -0.15	15.04 -0.34 -0.06	14.42 -0.32 -0.02	14.21 -0.35 -0.01	14.83 -0.35 -0.01	15.05 -0.35 -0.10	15.16 -0.35 -0.12	15.14 -0.37 -0.14	15.54 -0.38 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.55 0.00	21.45 -0.66 0.00	23.31 -0.65 0.00	24.35 -0.73 0.00	26.45 -0.81 -0.15	29.35 -1.03 0.00	25.49 -0.76 0.00	25.48 -0.76 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
SITHE___BATAVIA 24024	18.28 -0.05 -0.09	15.36 -0.21 -0.33	15.42 -0.03 -0.13	14.73 -0.04 -0.05	14.46 -0.12 -0.02	15.12 -0.08 -0.02	15.37 -0.15 -0.22	15.43 -0.23 -0.26	15.32 -0.35 -0.30	15.61 -0.49 -0.33	17.04 -0.69 -0.14	18.44 -0.67 -0.07	20.00 -0.58 0.00	21.47 -0.64 0.00	23.67 -0.29 0.00	24.55 -0.53 0.00	26.55 -0.89 -0.34	29.40 -1.37 -0.38	27.33 -0.60 -1.68	26.52 -0.47 -0.75	25.56 -0.41 -0.70	23.66 -0.33 -0.43	19.55 -0.43 -0.36	18.36 -0.29 -0.39
SITHE___INDEPEND 23800	17.90 -0.38 -0.04	15.05 -0.35 -0.15	15.02 -0.35 -0.06	14.42 -0.32 -0.02	14.21 -0.35 -0.01	14.83 -0.35 -0.01	15.05 -0.35 -0.10	15.16 -0.35 -0.12	15.14 -0.37 -0.14	15.54 -0.38 -0.15	17.16 -0.49 -0.06	18.54 -0.53 -0.03	20.02 -0.56 0.00	21.45 -0.66 0.00	23.33 -0.62 0.00	24.35 -0.73 0.00	26.42 -0.84 -0.15	29.35 -1.03 0.00	25.49 -0.76 0.00	25.48 -0.76 0.00	24.55 -0.71 0.00	22.91 -0.66 0.00	19.07 -0.55 0.00	18.02 -0.42 -0.18
SITHE___MASSENA 23902	18.01 -0.24 0.00	15.14 -0.11 0.00	15.13 -0.18 0.00	14.57 -0.16 0.00	14.45 -0.10 0.00	14.95 -0.21 0.00	15.09 -0.21 0.00	15.20 -0.20 0.00	15.11 -0.26 0.00	15.54 -0.24 0.00	17.38 -0.21 0.00	18.73 -0.31 0.00	20.19 -0.39 0.00	21.70 -0.42 0.00	23.48 -0.48 0.00	24.58 -0.50 0.00	26.59 -0.52 0.00	30.08 -0.30 0.00	25.94 -0.31 0.00	25.82 -0.42 0.00	24.91 -0.35 0.00	23.21 -0.35 0.00	19.36 -0.26 0.00	18.04 -0.22 0.00
SITHE___OGDNSBRG 24021	18.15 -0.09 0.00	15.25 0.00 0.00	15.25 -0.06 0.00	14.67 -0.06 0.00	14.55 0.00 0.00	15.06 -0.11 0.00	15.20 -0.11 0.00	15.29 -0.11 0.00	15.22 -0.15 0.00	15.61 -0.16 0.00	17.47 -0.12 0.00	18.87 -0.17 0.00	20.33 -0.25 0.00	21.87 -0.24 0.00	23.67 -0.29 0.00	24.81 -0.28 0.00	26.81 -0.30 0.00	30.38 0.00 0.00	26.25 0.00 0.00	26.16 -0.08 0.00	25.29 0.03 0.00	23.59 0.02 0.00	19.62 0.00 0.00	18.28 0.02 0.00
SITHE___STERLING 23777	18.65 0.36 -0.04	15.63 0.24 -0.14	15.63 0.26 -0.06	14.98 0.23 -0.02	14.81 0.25 -0.01	15.45 0.27 -0.01	15.66 0.26 -0.09	15.76 0.25 -0.11	15.72 0.22 -0.13	16.11 0.20 -0.14	17.86 0.21 -0.06	19.39 0.32 -0.03	20.99 0.41 0.00	22.56 0.44 0.00	24.51 0.55 0.00	25.71 0.63 0.00	27.79 0.54 -0.14	30.96 0.58 0.00	26.93 0.68 0.00	26.97 0.73 0.00	26.02 0.76 0.00	24.32 0.75 0.00	20.19 0.57 0.00	18.96 0.53 -0.17
SLEIGHT__34_KV_TB1 80719	18.63 0.31 -0.08	15.71 0.18 -0.28	15.63 0.20 -0.11	14.94 0.18 -0.04	14.70 0.13 -0.02	15.37 0.18 -0.02	15.66 0.17 -0.19	15.82 0.20 -0.22	15.83 0.20 -0.26	16.27 0.22 -0.28	17.94 0.23 -0.12	19.46 0.36 -0.06	21.05 0.47 0.00	22.63 0.51 0.00	24.77 0.81 0.00	25.73 0.65 0.00	27.97 0.57 -0.29	31.13 0.43 -0.32	28.35 0.68 -1.41	27.58 0.71 -0.63	26.50 0.66 -0.59	24.58 0.66 -0.36	20.37 0.45 -0.30	19.06 0.46 -0.34
SOUTH CAIRO___GT 23612	19.74 0.73 -0.76	18.45 0.55 -2.65	17.00 0.60 -1.08	15.73 0.63 -0.37	15.40 0.66 -0.20	16.07 0.70 -0.20	17.62 0.54 -1.78	18.05 0.57 -2.08	18.52 0.68 -2.47	19.07 0.66 -2.64	19.47 0.76 -1.13	20.59 0.99 -0.56	21.86 1.28 0.00	23.53 1.42 0.00	25.44 1.49 0.00	26.81 1.78 0.05	31.86 2.14 -2.61	37.01 2.19 -4.44	47.16 1.79 -19.12	36.66 1.70 -8.72	34.98 1.59 -8.13	29.94 1.44 -4.94	24.89 1.08 -4.19	22.36 0.89 -3.20
SOUTH HAMPTN___IC 23720	26.45 1.61 -6.61	24.97 1.39 -8.33	21.75 1.38 -5.06	20.29 1.37 -4.19	19.88 1.40 -3.94	18.76 1.52 -2.08	18.40 1.58 -1.52	24.88 1.57 -7.91	26.13 1.54 -9.22	27.79 1.64 -10.37	29.34 1.74 -10.01	30.31 2.02 -9.25	31.51 2.28 -8.64	33.51 2.54 -8.85	44.07 2.73 -17.38	39.83 3.11 -11.64	48.29 3.44 -17.74	50.64 3.77 -16.49	50.58 3.18 -21.15	42.94 3.23 -13.47	41.12 3.06 -12.80	37.14 2.76 -10.82	42.82 2.24 -20.97	30.44 1.81 -10.36
SOUTHDOW_115KV_TB1 355954	18.38 0.02 -0.12	15.41 -0.26 -0.42	15.27 -0.21 -0.17	14.57 -0.22 -0.06	14.56 -0.01 -0.03	15.09 -0.11 -0.03	15.32 -0.26 -0.28	15.47 -0.26 -0.33	15.33 -0.43 -0.39	15.73 -0.46 -0.41	17.24 -0.53 -0.18	18.67 -0.46 -0.09	20.62 0.04 0.00	22.14 0.02 0.00	24.43 0.48 0.00	25.23 0.15 0.00	26.94 -0.60 -0.43	30.22 -0.67 -0.51	28.42 -0.05 -2.22	27.20 -0.03 -0.99	26.18 0.00 -0.92	24.22 0.09 -0.56	19.98 -0.12 -0.48	18.40 -0.37 -0.50
SOUTHOLD_69_KV_BK 2 55809	26.87 2.02 -6.61	25.30 1.72 -8.33	22.09 1.72 -5.06	20.58 1.66 -4.19	20.13 1.64 -3.94	19.00 1.76 -2.08	18.64 1.82 -1.52	25.16 1.85 -7.91	26.44 1.84 -9.22	28.12 1.97 -10.37	29.73 2.13 -10.01	30.73 2.44 -9.25	31.98 2.76 -8.64	34.02 3.05 -8.85	44.62 3.28 -17.38	40.48 3.76 -11.64	49.08 4.23 -17.74	51.43 4.56 -16.49	51.26 3.86 -21.15	43.54 3.83 -13.47	41.70 3.64 -12.80	37.66 3.28 -10.82	43.17 2.59 -20.97	30.82 2.19 -10.36
SOUTHOLD___IC 23719	26.82 1.97 -6.61	25.24 1.66 -8.33	22.03 1.65 -5.06	20.55 1.63 -4.19	20.13 1.64 -3.94	19.00 1.76 -2.08	18.64 1.82 -1.52	25.16 1.85 -7.91	26.44 1.84 -9.22	28.12 1.97 -10.37	29.73 2.13 -10.01	30.75 2.46 -9.25	31.98 2.76 -8.64	34.02 3.05 -8.85	44.64 3.31 -17.38	40.48 3.76 -11.64	49.02 4.17 -17.74	51.43 4.56 -16.49	51.26 3.86 -21.15	43.57 3.86 -13.47	41.72 3.66 -12.80	37.66 3.27 -10.82	43.23 2.65 -20.97	30.82 2.19 -10.36

SPIERFLS_115KV_TB 1 80737	20.56 1.48 -0.84	19.33 1.17 -2.90	17.65 1.15 -1.19	16.24 1.10 -0.41	15.86 1.09 -0.22	16.57 1.18 -0.22	18.40 1.15 -1.94	18.86 1.19 -2.27	19.32 1.25 -2.70	19.97 1.31 -2.88	20.18 1.35 -1.23	21.16 1.50 -0.61	22.23 1.65 0.00	23.75 1.64 0.00	25.61 1.65 0.00	26.25 1.30 0.14	31.48 1.71 -2.67	40.46 2.13 -7.95	62.16 1.97 -33.94	43.79 1.94 -15.61	41.67 1.84 -14.56	34.09 1.67 -8.85	28.48 1.35 -7.51	23.39 1.63 -3.50
ST LAWRENCE____ 23600	17.82 -0.42 0.00	14.98 -0.27 0.00	14.98 -0.34 0.00	14.42 -0.31 0.00	14.29 -0.26 0.00	14.80 -0.36 0.00	14.94 -0.37 0.00	15.03 -0.37 0.00	14.97 -0.40 0.00	15.39 -0.38 0.00	17.20 -0.39 0.00	18.54 -0.50 0.00	19.98 -0.60 0.00	21.47 -0.64 0.00	23.24 -0.72 0.00	24.33 -0.75 0.00	26.35 -0.76 0.00	29.77 -0.61 0.00	25.60 -0.66 0.00	25.50 -0.73 0.00	24.65 -0.61 0.00	22.95 -0.61 0.00	19.13 -0.49 0.00	17.82 -0.44 0.00
STATE_CA_115KV_115_LB 55624	19.64 0.58 -0.82	18.56 0.47 -2.83	16.99 0.52 -1.16	15.64 0.52 -0.40	15.27 0.51 -0.21	15.91 0.53 -0.21	17.66 0.46 -1.90	18.13 0.51 -2.22	18.54 0.54 -2.63	19.14 0.55 -2.81	19.46 0.67 -1.20	20.34 0.70 -0.60	21.34 0.76 0.00	22.98 0.86 0.00	24.77 0.81 0.00	25.91 0.95 0.13	30.83 1.11 -2.61	37.69 1.15 -6.15	53.34 1.00 -26.09	39.31 1.00 -12.08	37.49 0.96 -11.27	31.31 0.90 -6.85	26.19 0.77 -5.81	22.31 0.64 -3.41
STATE_ST_34_KV_LOAD 55959	18.46 0.13 -0.08	15.59 0.05 -0.29	15.50 0.06 -0.12	14.81 0.04 -0.04	14.60 0.03 -0.02	15.23 0.05 -0.02	15.52 0.02 -0.20	15.68 0.05 -0.23	15.69 0.05 -0.27	16.13 0.06 -0.29	17.77 0.05 -0.13	19.23 0.13 -0.06	20.79 0.21 0.00	22.34 0.22 0.00	24.39 0.43 0.00	25.38 0.30 0.00	27.63 0.22 -0.30	30.84 0.12 -0.34	28.10 0.34 -1.51	27.31 0.39 -0.67	26.24 0.35 -0.63	24.32 0.38 -0.38	20.18 0.24 -0.32	18.85 0.24 -0.35
STATION 5_MISC_HYD 23604	18.23 -0.09 -0.08	15.35 -0.18 -0.28	15.39 -0.05 -0.12	14.69 -0.07 -0.04	14.38 -0.19 -0.02	15.05 -0.14 -0.02	15.36 -0.14 -0.19	15.44 -0.18 -0.22	15.41 -0.23 -0.26	15.75 -0.30 -0.28	17.29 -0.42 -0.12	18.70 -0.40 -0.06	20.19 -0.39 0.00	21.67 -0.44 0.00	23.79 -0.17 0.00	24.73 -0.35 0.00	26.83 -0.57 -0.29	29.67 -1.03 -0.32	27.20 -0.47 -1.42	26.45 -0.42 -0.64	25.48 -0.38 -0.59	23.62 -0.31 -0.36	19.53 -0.39 -0.31	18.40 -0.20 -0.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.31 -0.02 -0.08	15.41 -0.12 -0.28	15.37 -0.06 -0.12	14.72 -0.04 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.52 -0.11 -0.22	15.48 -0.15 -0.26	15.88 -0.17 -0.28	17.46 -0.25 -0.12	18.91 -0.19 -0.06	20.41 -0.16 0.00	21.94 -0.18 0.00	24.10 0.14 0.00	25.03 -0.05 0.00	27.16 -0.24 -0.29	30.16 -0.55 -0.32	27.54 -0.13 -1.42	26.80 -0.08 -0.64	25.78 -0.08 -0.59	23.88 -0.05 -0.36	19.77 -0.16 -0.31	18.55 -0.05 -0.34
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.14 -0.18 -0.08	15.27 -0.26 -0.28	15.25 -0.18 -0.12	14.62 -0.15 -0.04	14.29 -0.28 -0.02	14.96 -0.23 -0.02	15.26 -0.23 -0.19	15.36 -0.26 -0.22	15.31 -0.32 -0.26	15.69 -0.36 -0.28	17.23 -0.47 -0.12	18.64 -0.46 -0.06	20.13 -0.45 0.00	21.61 -0.51 0.00	23.81 -0.14 0.00	24.66 -0.43 0.00	26.75 -0.65 -0.29	29.61 -1.09 -0.32	27.08 -0.58 -1.41	26.34 -0.52 -0.63	25.37 -0.48 -0.59	23.50 -0.42 -0.36	19.45 -0.47 -0.30	18.33 -0.27 -0.34
STA_56____34_KV_BUS2 355983	18.14 -0.18 -0.08	15.27 -0.26 -0.28	15.25 -0.18 -0.12	14.62 -0.15 -0.04	14.29 -0.28 -0.02	14.96 -0.23 -0.02	15.26 -0.23 -0.19	15.36 -0.26 -0.22	15.31 -0.32 -0.26	15.69 -0.36 -0.28	17.23 -0.47 -0.12	18.64 -0.46 -0.06	20.13 -0.45 0.00	21.61 -0.51 0.00	23.81 -0.14 0.00	24.66 -0.43 0.00	26.75 -0.65 -0.29	29.61 -1.09 -0.32	27.08 -0.58 -1.41	26.34 -0.52 -0.63	25.37 -0.48 -0.59	23.50 -0.42 -0.36	19.45 -0.47 -0.30	18.33 -0.27 -0.34
STA_67____115KV_BK2 355882	18.20 -0.13 -0.08	15.34 -0.20 -0.28	15.31 -0.12 -0.12	14.68 -0.09 -0.04	14.37 -0.20 -0.02	15.04 -0.15 -0.02	15.33 -0.17 -0.19	15.42 -0.20 -0.22	15.33 -0.31 -0.26	15.72 -0.33 -0.28	17.23 -0.47 -0.12	18.66 -0.44 -0.06	20.13 -0.45 0.00	21.61 -0.51 0.00	23.84 -0.12 0.00	24.66 -0.43 0.00	26.75 -0.65 -0.29	29.61 -1.09 -0.32	27.12 -0.55 -1.42	26.37 -0.50 -0.64	25.40 -0.45 -0.59	23.55 -0.38 -0.36	19.49 -0.43 -0.31	18.37 -0.24 -0.34
STA_7____115KV_9TRANS 80674	18.32 0.00 -0.08	15.41 -0.12 -0.28	15.40 -0.03 -0.12	14.75 -0.01 -0.04	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.40 -0.09 -0.19	15.50 -0.12 -0.22	15.44 -0.20 -0.26	15.82 -0.24 -0.28	17.36 -0.35 -0.12	18.79 -0.30 -0.06	20.29 -0.29 0.00	21.81 -0.31 0.00	24.05 0.10 0.00	24.88 -0.20 0.00	26.99 -0.41 -0.29	29.85 -0.85 -0.32	27.36 -0.32 -1.42	26.61 -0.26 -0.64	25.60 -0.25 -0.59	23.74 -0.19 -0.36	19.63 -0.29 -0.31	18.50 -0.11 -0.34
STA_82____115KV_TB1 80780	18.22 -0.11 -0.08	15.34 -0.20 -0.29	15.32 -0.11 -0.12	14.69 -0.07 -0.04	14.37 -0.20 -0.02	15.04 -0.15 -0.02	15.34 -0.15 -0.19	15.42 -0.20 -0.22	15.34 -0.29 -0.27	15.72 -0.33 -0.28	17.25 -0.46 -0.12	18.66 -0.44 -0.06	20.15 -0.43 0.00	21.63 -0.49 0.00	23.84 -0.12 0.00	24.66 -0.43 0.00	26.78 -0.62 -0.29	29.61 -1.09 -0.33	27.16 -0.53 -1.43	26.41 -0.47 -0.64	25.43 -0.43 -0.60	23.57 -0.35 -0.36	19.51 -0.41 -0.31	18.39 -0.22 -0.34
STEEL____WIND 323596	18.03 -0.33 -0.11	15.19 -0.44 -0.39	15.20 -0.28 -0.16	14.55 -0.24 -0.05	14.40 -0.17 -0.03	14.98 -0.21 -0.03	15.20 -0.37 -0.26	15.26 -0.45 -0.30	15.11 -0.62 -0.36	15.41 -0.74 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.90 -0.68 0.00	21.32 -0.80 0.00	23.48 -0.48 0.00	24.33 -0.75 0.00	26.09 -1.41 -0.40	29.14 -1.70 -0.46	27.39 -0.89 -2.03	26.31 -0.84 -0.91	25.37 -0.73 -0.85	23.47 -0.61 -0.51	19.39 -0.67 -0.44	18.09 -0.64 -0.46
STEPHTWN_115KV_BK_2 55603	19.71 0.66 -0.81	18.57 0.52 -2.80	17.03 0.57 -1.14	15.68 0.56 -0.39	15.31 0.55 -0.21	15.95 0.58 -0.21	17.70 0.52 -1.87	18.16 0.57 -2.19	18.58 0.60 -2.60	19.19 0.63 -2.78	19.52 0.74 -1.19	20.43 0.80 -0.59	21.44 0.86 0.00	23.09 0.97 0.00	24.89 0.93 0.00	26.04 1.08 0.12	30.97 1.27 -2.59	37.16 1.34 -5.45	50.42 1.16 -23.01	38.09 1.15 -10.69	36.35 1.11 -9.98	30.66 1.04 -6.06	25.61 0.84 -5.14	22.35 0.71 -3.37
STEBEN_REC_LFGE 323667	18.59 0.20 -0.14	15.75 0.00 -0.50	15.55 0.03 -0.20	14.86 0.06 -0.07	14.73 0.15 -0.04	15.33 0.12 -0.04	15.65 0.02 -0.33	15.79 0.00 -0.39	15.66 -0.17 -0.46	16.06 -0.21 -0.49	17.48 -0.32 -0.21	18.95 -0.19 -0.10	20.68 0.10 0.00	22.23 0.11 0.00	24.51 0.55 0.00	25.38 0.30 0.00	27.43 -0.19 -0.51	30.73 -0.27 -0.62	29.32 0.34 -2.72	27.85 0.39 -1.22	26.75 0.35 -1.14	24.61 0.35 -0.69	20.30 0.10 -0.59	18.83 -0.04 -0.60
STONY____BROOK 24151	26.33 1.48 -6.61	24.83 1.25 -8.33	21.64 1.27 -5.06	20.16 1.24 -4.19	19.74 1.25 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.70 1.39 -7.91	25.99 1.40 -9.22	27.61 1.47 -10.37	29.17 1.56 -10.01	30.10 1.81 -9.25	31.24 2.02 -8.64	33.22 2.26 -8.85	43.76 2.42 -17.38	39.45 2.73 -11.64	47.75 2.90 -17.74	49.97 3.10 -16.49	50.00 2.60 -21.15	42.52 2.81 -13.47	40.77 2.70 -12.80	36.81 2.43 -10.82	42.61 2.02 -20.97	30.25 1.62 -10.36

STURGEON_POOL_HYD 23609	19.79 0.88 -0.67	18.30 0.72 -2.34	16.97 0.70 -0.96	15.75 0.69 -0.33	15.45 0.73 -0.18	16.07 0.73 -0.18	17.62 0.75 -1.56	17.98 0.75 -1.83	18.36 0.81 -2.17	18.95 0.85 -2.32	19.58 1.00 -0.99	20.77 1.24 -0.49	22.00 1.42 0.00	23.73 1.61 0.00	25.58 1.63 0.00	27.08 1.93 -0.06	31.95 2.28 -2.56	35.61 2.13 -3.10	42.00 1.71 -14.04	34.01 1.71 -6.06	32.53 1.62 -5.65	28.49 1.48 -3.44	23.79 1.26 -2.92	22.03 0.95 -2.82
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.80 0.95 -0.61	18.14 0.78 -2.12	16.96 0.78 -0.86	15.76 0.74 -0.30	15.45 0.74 -0.16	16.08 0.76 -0.16	17.53 0.81 -1.42	17.89 0.83 -1.65	18.21 0.88 -1.97	18.79 0.91 -2.10	19.58 1.09 -0.90	20.76 1.28 -0.45	21.98 1.40 0.00	23.71 1.59 0.00	25.58 1.63 0.00	27.02 1.81 -0.13	31.69 2.09 -2.49	35.09 2.16 -2.56	40.17 1.79 -12.13	33.01 1.78 -4.98	31.63 1.72 -4.65	27.97 1.58 -2.83	23.35 1.33 -2.40	21.87 1.06 -2.55
SWANROAD_115KV_TB1 355699	17.63 -0.71 -0.10	14.87 -0.73 -0.35	14.86 -0.60 -0.14	14.26 -0.52 -0.05	14.02 -0.55 -0.03	14.66 -0.53 -0.03	14.90 -0.64 -0.24	14.92 -0.75 -0.28	14.72 -0.98 -0.33	15.05 -1.07 -0.35	16.39 -1.35 -0.15	17.70 -1.41 -0.07	19.24 -1.34 0.00	20.61 -1.50 0.00	22.90 -1.05 0.00	23.50 -1.58 0.00	25.33 -2.14 -0.36	28.10 -2.70 -0.42	26.29 -1.81 -1.84	25.36 -1.71 -0.82	24.51 -1.52 -0.77	22.67 -1.37 -0.47	18.76 -1.26 -0.40	17.69 -1.00 -0.43
SYNERGY___BIOGAS 323694	18.28 -0.05 -0.09	15.36 -0.21 -0.33	15.42 -0.03 -0.13	14.73 -0.04 -0.05	14.46 -0.12 -0.02	15.12 -0.08 -0.02	15.37 -0.15 -0.22	15.43 -0.23 -0.26	15.32 -0.35 -0.30	15.61 -0.49 -0.33	17.04 -0.69 -0.14	18.44 -0.67 -0.07	20.00 -0.58 0.00	21.47 -0.64 0.00	23.67 -0.29 0.00	24.55 -0.53 0.00	26.55 -0.89 -0.34	29.40 -1.37 -0.38	27.33 -0.60 -1.68	26.52 -0.47 -0.75	25.56 -0.41 -0.70	23.66 -0.33 -0.43	19.55 -0.43 -0.36	18.36 -0.29 -0.39
SYRACUSE___ENERGY_ST1 323597	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.38 -0.03 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.55 -0.05 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.07 0.12 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
SYRACUSE___ENERGY_ST2 323598	18.31 0.00 -0.07	15.46 -0.03 -0.24	15.38 -0.03 -0.10	14.73 -0.03 -0.03	14.51 -0.06 -0.02	15.14 -0.05 -0.02	15.42 -0.05 -0.16	15.54 -0.05 -0.19	15.55 -0.05 -0.22	15.96 -0.05 -0.24	17.62 -0.07 -0.10	19.07 -0.02 -0.05	20.60 0.02 0.00	22.12 0.00 0.00	24.07 0.12 0.00	25.13 0.05 0.00	27.30 -0.05 -0.24	30.46 -0.18 -0.26	27.40 0.00 -1.15	26.78 0.03 -0.51	25.76 0.03 -0.48	23.90 0.05 -0.29	19.89 0.02 -0.25	18.60 0.05 -0.29
SYRACUSE___POWER 24017	18.28 -0.04 -0.07	15.42 -0.08 -0.25	15.34 -0.08 -0.10	14.69 -0.07 -0.03	14.48 -0.09 -0.02	15.11 -0.08 -0.02	15.38 -0.09 -0.17	15.52 -0.08 -0.19	15.51 -0.09 -0.23	15.92 -0.09 -0.25	17.57 -0.12 -0.11	19.00 -0.10 -0.05	20.52 -0.06 0.00	22.05 -0.07 0.00	23.98 0.02 0.00	25.06 -0.03 0.00	27.23 -0.14 -0.25	30.38 -0.27 -0.27	27.38 -0.08 -1.20	26.72 -0.05 -0.54	25.74 -0.03 -0.50	23.87 0.00 -0.30	19.84 -0.04 -0.26	18.56 0.00 -0.30
TALLMAN__138KV_BK151 55660	19.91 1.04 -0.63	18.28 0.85 -2.17	17.05 0.84 -0.89	15.84 0.81 -0.30	15.53 0.81 -0.16	16.15 0.82 -0.16	17.66 0.90 -1.45	18.03 0.92 -1.70	18.36 0.97 -2.02	18.96 1.03 -2.16	19.74 1.23 -0.92	20.93 1.43 -0.46	22.14 1.56 0.00	23.89 1.77 0.00	25.75 1.80 0.00	27.23 2.01 -0.14	31.99 2.30 -2.57	35.38 2.37 -2.63	40.70 1.94 -12.50	33.33 1.97 -5.12	31.91 1.87 -4.78	28.19 1.72 -2.90	23.56 1.47 -2.46	22.03 1.15 -2.62
TEALLAVE_115KV_TB7 355573	18.21 -0.09 -0.06	15.34 -0.12 -0.21	15.29 -0.11 -0.08	14.65 -0.10 -0.03	14.45 -0.12 -0.02	15.08 -0.11 -0.02	15.32 -0.12 -0.14	15.44 -0.12 -0.16	15.44 -0.12 -0.19	15.85 -0.13 -0.21	17.50 -0.18 -0.09	18.93 -0.15 -0.04	20.46 -0.12 0.00	21.96 -0.15 0.00	23.91 -0.05 0.00	24.96 -0.13 0.00	27.11 -0.22 -0.21	30.20 -0.39 -0.22	27.03 -0.18 -0.96	26.51 -0.16 -0.43	25.53 -0.13 -0.40	23.71 -0.09 -0.24	19.71 -0.12 -0.21	18.46 -0.05 -0.25
TELGRAPH_34_KV_EAST 80808	18.07 -0.27 -0.10	15.19 -0.40 -0.34	15.19 -0.26 -0.14	14.57 -0.21 -0.05	14.31 -0.26 -0.03	14.96 -0.23 -0.03	15.21 -0.32 -0.23	15.27 -0.40 -0.26	15.09 -0.60 -0.31	15.41 -0.69 -0.34	16.82 -0.91 -0.14	18.20 -0.91 -0.07	19.78 -0.80 0.00	21.19 -0.93 0.00	23.52 -0.43 0.00	24.20 -0.88 0.00	26.10 -1.36 -0.35	28.95 -1.82 -0.40	26.97 -1.02 -1.74	26.07 -0.94 -0.78	25.18 -0.81 -0.73	23.30 -0.71 -0.44	19.25 -0.75 -0.37	18.14 -0.53 -0.41
TEMPLE___115KV_TB 2 55572	18.23 -0.07 -0.06	15.35 -0.11 -0.21	15.31 -0.09 -0.09	14.67 -0.09 -0.03	14.45 -0.12 -0.02	15.08 -0.11 -0.02	15.34 -0.11 -0.14	15.46 -0.11 -0.16	15.44 -0.12 -0.20	15.85 -0.13 -0.21	17.52 -0.16 -0.09	18.95 -0.13 -0.04	20.48 -0.10 0.00	21.98 -0.13 0.00	23.93 -0.02 0.00	24.98 -0.10 0.00	27.11 -0.22 -0.22	30.24 -0.36 -0.22	27.07 -0.16 -0.98	26.54 -0.13 -0.44	25.57 -0.10 -0.41	23.72 -0.09 -0.25	19.73 -0.10 -0.21	18.48 -0.04 -0.25
TIANA____69_KV_BK 1 55817	26.44 1.59 -6.61	24.94 1.36 -8.33	21.74 1.36 -5.06	20.26 1.34 -4.19	19.81 1.32 -3.94	18.68 1.44 -2.08	18.34 1.52 -1.52	24.81 1.49 -7.91	26.05 1.46 -9.22	27.69 1.55 -10.37	29.24 1.64 -10.01	30.20 1.90 -9.25	31.38 2.16 -8.64	33.38 2.41 -8.85	43.90 2.56 -17.38	39.65 2.93 -11.64	48.16 3.31 -17.74	50.43 3.55 -16.49	50.39 2.99 -21.15	42.73 3.02 -13.47	40.97 2.90 -12.80	37.00 2.62 -10.82	42.65 2.06 -20.97	30.34 1.72 -10.36
TILDEN___115KV_TB1 80814	18.28 -0.04 -0.07	15.42 -0.08 -0.25	15.34 -0.08 -0.10	14.69 -0.07 -0.03	14.48 -0.09 -0.02	15.11 -0.08 -0.02	15.38 -0.09 -0.17	15.52 -0.08 -0.19	15.51 -0.09 -0.23	15.92 -0.09 -0.25	17.57 -0.12 -0.11	19.00 -0.10 -0.05	20.52 -0.06 0.00	22.05 -0.07 0.00	23.98 0.02 0.00	25.06 -0.03 0.00	27.23 -0.14 -0.25	30.38 -0.27 -0.27	27.38 -0.08 -1.20	26.72 -0.05 -0.54	25.74 -0.03 -0.50	23.87 0.00 -0.30	19.84 -0.04 -0.26	18.56 0.00 -0.30
TRIGEN___CC 323695	26.24 1.39 -6.61	24.74 1.16 -8.33	21.52 1.15 -5.06	20.02 1.10 -4.19	19.59 1.11 -3.94	18.38 1.14 -2.08	18.01 1.19 -1.52	24.54 1.23 -7.91	25.87 1.28 -9.22	27.49 1.34 -10.37	29.11 1.51 -10.01	30.03 1.73 -9.25	31.10 1.87 -8.64	33.07 2.10 -8.85	43.49 2.16 -17.38	39.10 2.38 -11.64	47.59 2.74 -17.74	49.73 2.86 -16.49	49.76 2.36 -21.15	42.10 2.39 -13.47	40.36 2.30 -12.80	36.48 2.10 -10.82	42.41 1.82 -20.97	30.13 1.50 -10.36
TRINITY__115KV__ 4 BK 55933	19.58 0.53 -0.81	18.50 0.44 -2.81	16.95 0.49 -1.15	15.61 0.49 -0.39	15.24 0.48 -0.21	15.88 0.50 -0.21	17.61 0.43 -1.88	18.06 0.46 -2.20	18.47 0.49 -2.61	19.07 0.50 -2.79	19.38 0.60 -1.19	20.28 0.65 -0.59	21.26 0.68 0.00	22.89 0.77 0.00	24.65 0.69 0.00	25.78 0.83 0.13	30.70 1.00 -2.59	36.96 1.03 -5.55	50.59 0.87 -23.47	38.00 0.87 -10.90	36.29 0.86 -10.17	30.54 0.80 -6.18	25.55 0.69 -5.24	22.21 0.57 -3.38

UNION___PROCESSING_DRP 323587	18.22 -0.11 -0.08	15.34 -0.20 -0.29	15.32 -0.11 -0.12	14.69 -0.07 -0.04	14.37 -0.20 -0.02	15.04 -0.15 -0.02	15.34 -0.15 -0.19	15.43 -0.20 -0.22	15.35 -0.29 -0.27	15.72 -0.33 -0.28	17.25 -0.46 -0.12	18.68 -0.42 -0.06	20.15 -0.43 0.00	21.63 -0.49 0.00	23.86 -0.10 0.00	24.68 -0.40 0.00	26.78 -0.62 -0.29	29.61 -1.09 -0.33	27.16 -0.53 -1.43	26.41 -0.47 -0.64	25.43 -0.43 -0.60	23.57 -0.35 -0.36	19.52 -0.41 -0.31	18.39 -0.22 -0.34
UPPER HUDSON___HYD 24058	20.56 1.48 -0.84	19.33 1.17 -2.90	17.66 1.16 -1.19	16.25 1.12 -0.41	15.86 1.09 -0.22	16.57 1.18 -0.22	18.40 1.15 -1.94	18.86 1.19 -2.27	19.32 1.24 -2.70	19.97 1.31 -2.88	20.18 1.35 -1.23	21.16 1.50 -0.61	22.23 1.65 0.00	23.75 1.64 0.00	25.66 1.70 0.00	26.25 1.30 0.14	31.43 1.65 -2.67	40.43 2.09 -7.95	62.16 1.97 -33.94	43.79 1.94 -15.61	41.67 1.84 -14.56	34.09 1.67 -8.85	28.48 1.35 -7.51	23.39 1.62 -3.50
UPPER RAQUET___HYD 24056	18.10 -0.15 0.00	15.20 -0.05 0.00	15.19 -0.12 0.00	14.63 -0.10 0.00	14.50 -0.04 0.00	15.03 -0.14 0.00	15.17 -0.14 0.00	15.28 -0.12 0.00	15.17 -0.20 0.00	15.61 -0.16 0.00	17.45 -0.14 0.00	18.85 -0.19 0.00	20.31 -0.27 0.00	21.85 -0.26 0.00	23.64 -0.31 0.00	24.78 -0.30 0.00	26.78 -0.32 0.00	30.29 -0.09 0.00	26.17 -0.08 0.00	26.06 -0.18 0.00	25.18 -0.08 0.00	23.47 -0.09 0.00	19.54 -0.08 0.00	18.19 -0.07 0.00
VALLEY44_115KV_TB2 355964	17.69 -0.67 -0.12	14.95 -0.73 -0.43	14.83 -0.66 -0.18	14.18 -0.60 -0.06	14.39 -0.19 -0.03	14.82 -0.38 -0.03	14.95 -0.64 -0.29	15.07 -0.66 -0.34	14.88 -0.89 -0.40	15.22 -0.98 -0.43	16.65 -1.13 -0.18	17.99 -1.14 -0.09	19.94 -0.64 0.00	21.41 -0.71 0.00	23.62 -0.34 0.00	24.45 -0.63 0.00	25.92 -1.63 -0.44	29.41 -1.49 -0.52	27.76 -0.79 -2.29	26.55 -0.71 -1.02	25.58 -0.63 -0.96	23.65 -0.49 -0.58	19.54 -0.57 -0.49	17.87 -0.91 -0.52
VALLEY___115KV_TB 1-4 80826	18.41 0.16 0.00	15.36 0.11 0.00	15.42 0.11 0.00	14.83 0.10 0.00	14.65 0.10 0.00	15.26 0.09 0.00	15.40 0.09 0.00	15.49 0.09 0.00	15.45 0.08 0.00	15.88 0.11 0.00	17.71 0.12 0.00	19.21 0.17 0.00	20.81 0.23 0.00	22.36 0.24 0.00	24.22 0.26 0.00	25.38 0.30 0.00	27.33 0.22 0.00	30.56 0.18 0.00	26.44 0.18 0.00	26.37 0.13 0.00	25.31 0.05 0.00	23.59 0.02 0.00	19.56 -0.06 0.00	18.15 -0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.17 0.66 -0.27	16.68 0.50 -0.93	16.21 0.52 -0.38	15.34 0.49 -0.13	15.11 0.49 -0.07	15.75 0.52 -0.07	16.46 0.54 -0.62	16.68 0.55 -0.73	16.77 0.54 -0.86	17.26 0.57 -0.92	18.62 0.63 -0.39	20.02 0.78 -0.20	21.46 0.88 0.00	23.11 1.00 0.00	25.03 1.08 0.00	26.26 1.18 0.00	29.26 1.19 -0.96	33.63 1.28 -1.97	36.07 1.18 -8.64	31.31 1.21 -3.86	30.07 1.21 -3.60	26.91 1.15 -2.19	22.40 0.92 -1.86	20.15 0.77 -1.12
VISCHER___FERRY HYD 24020	20.01 0.95 -0.82	18.87 0.78 -2.84	17.27 0.80 -1.16	15.89 0.77 -0.40	15.50 0.74 -0.21	16.17 0.79 -0.21	17.97 0.76 -1.90	18.38 0.75 -2.22	18.80 0.78 -2.64	19.38 0.79 -2.82	19.71 0.91 -1.21	20.65 1.01 -0.60	21.65 1.07 0.00	23.29 1.17 0.00	25.10 1.15 0.00	26.11 1.20 0.18	31.02 1.41 -2.50	38.97 1.55 -7.04	57.21 1.34 -29.62	41.42 1.36 -13.82	39.46 1.31 -12.89	32.67 1.27 -7.83	27.32 1.06 -6.65	22.65 0.97 -3.42
V_A_10_SYNC_DSASP 323832	17.97 -0.36 -0.09	15.16 -0.41 -0.32	15.15 -0.29 -0.13	14.54 -0.24 -0.04	14.19 -0.38 -0.02	14.89 -0.30 -0.02	15.18 -0.34 -0.21	15.24 -0.42 -0.25	15.07 -0.60 -0.30	15.43 -0.66 -0.32	16.85 -0.88 -0.14	18.21 -0.89 -0.07	19.65 -0.93 0.00	21.08 -1.04 0.00	23.33 -0.62 0.00	24.03 -1.05 0.00	26.05 -1.38 -0.33	28.75 -2.01 -0.37	26.65 -1.23 -1.63	25.79 -1.18 -0.73	24.90 -1.04 -0.68	23.06 -0.92 -0.41	19.09 -0.88 -0.35	18.06 -0.58 -0.38
V_CMM_10_SYNC_DSASP 323787	17.90 -0.35 0.00	15.04 -0.21 0.00	15.02 -0.29 0.00	14.48 -0.25 0.00	14.33 -0.22 0.00	14.85 -0.32 0.00	15.00 -0.31 0.00	15.09 -0.31 0.00	15.03 -0.34 0.00	15.44 -0.33 0.00	17.25 -0.33 0.00	18.60 -0.44 0.00	20.04 -0.54 0.00	21.56 -0.55 0.00	23.33 -0.62 0.00	24.41 -0.68 0.00	26.43 -0.68 0.00	29.86 -0.52 0.00	25.70 -0.55 0.00	25.61 -0.63 0.00	24.73 -0.53 0.00	23.05 -0.52 0.00	19.21 -0.41 0.00	17.90 -0.37 0.00
V_CMP_10_SYNC_DSASP 323788	18.53 0.29 0.00	15.57 0.32 0.00	15.53 0.21 0.00	14.95 0.22 0.00	14.87 0.32 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.68 0.28 0.00	15.59 0.22 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.38 0.30 0.00	27.52 0.41 0.00	31.11 0.73 0.00	26.93 0.68 0.00	26.68 0.45 0.00	25.69 0.43 0.00	23.87 0.31 0.00	19.87 0.25 0.00	18.48 0.22 0.00
V_E_10_SYNC_DSASP 323830	19.55 1.11 -0.20	16.76 0.82 -0.69	16.42 0.83 -0.28	15.62 0.79 -0.10	15.41 0.81 -0.05	16.08 0.86 -0.05	16.62 0.86 -0.46	16.79 0.85 -0.54	16.69 0.68 -0.64	17.12 0.66 -0.68	18.57 0.69 -0.29	20.17 0.99 -0.14	21.79 1.21 0.00	23.44 1.33 0.00	25.54 1.58 0.00	26.91 1.83 0.00	29.50 1.68 -0.71	33.40 1.92 -1.11	33.24 2.13 -4.86	30.69 2.28 -2.17	29.58 2.30 -2.03	27.04 2.24 -1.23	22.27 1.61 -1.04	20.48 1.39 -0.83
V_F_30_NSYNC___DSASP 323816	20.30 1.22 -0.83	19.14 0.99 -2.90	17.49 0.99 -1.18	16.09 0.96 -0.41	15.70 0.93 -0.22	16.39 1.00 -0.22	18.22 0.98 -1.94	18.64 0.97 -2.26	19.08 1.01 -2.69	19.70 1.06 -2.88	20.00 1.18 -1.23	20.96 1.31 -0.61	22.00 1.42 0.00	23.62 1.50 0.00	25.51 1.56 0.00	26.47 1.53 0.14	31.54 1.79 -2.64	40.26 2.04 -7.84	61.52 1.86 -33.40	43.47 1.84 -15.39	41.39 1.77 -14.36	33.94 1.65 -8.73	28.38 1.35 -7.40	23.07 1.32 -3.49
V_F_30_SYNC_DSASP 323786	19.62 0.57 -0.81	18.55 0.47 -2.83	16.99 0.52 -1.16	15.64 0.52 -0.40	15.27 0.51 -0.21	15.91 0.53 -0.21	17.66 0.46 -1.89	18.12 0.51 -2.21	18.54 0.54 -2.63	19.14 0.55 -2.81	19.46 0.67 -1.20	20.34 0.70 -0.60	21.34 0.76 0.00	22.98 0.86 0.00	24.75 0.79 0.00	25.91 0.95 0.13	30.83 1.11 -2.61	37.64 1.15 -6.10	53.12 1.00 -25.87	39.22 1.00 -11.98	37.40 0.96 -11.18	31.25 0.90 -6.79	26.15 0.77 -5.76	22.31 0.64 -3.41
V_XM_10_SYNC_DSASP 323789	18.53 0.29 0.00	15.57 0.32 0.00	15.53 0.21 0.00	14.95 0.22 0.00	14.87 0.32 0.00	15.39 0.23 0.00	15.54 0.23 0.00	15.68 0.28 0.00	15.59 0.22 0.00	16.06 0.28 0.00	17.96 0.37 0.00	19.36 0.32 0.00	20.85 0.27 0.00	22.45 0.33 0.00	24.29 0.34 0.00	25.38 0.30 0.00	27.52 0.41 0.00	31.11 0.73 0.00	26.93 0.68 0.00	26.68 0.45 0.00	25.69 0.43 0.00	23.87 0.31 0.00	19.87 0.25 0.00	18.48 0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.97 1.09 -0.63	18.34 0.90 -2.19	17.10 0.89 -0.89	15.89 0.85 -0.31	15.56 0.84 -0.16	16.20 0.86 -0.16	17.72 0.95 -1.46	18.08 0.97 -1.71	18.42 1.01 -2.03	19.02 1.07 -2.17	19.78 1.27 -0.93	21.00 1.50 -0.46	22.23 1.65 0.00	23.97 1.86 0.00	25.85 1.89 0.00	27.33 2.11 -0.14	32.11 2.41 -2.59	35.54 2.52 -2.64	40.91 2.07 -12.59	33.47 2.07 -5.15	32.04 1.97 -4.81	28.30 1.81 -2.92	23.63 1.53 -2.48	22.12 1.22 -2.63

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.10 1.20 -0.65	18.52 1.01 -2.26	17.24 1.00 -0.93	16.02 0.97 -0.32	15.68 0.96 -0.17	16.32 0.99 -0.17	17.89 1.07 -1.51	18.28 1.11 -1.77	18.63 1.15 -2.10	19.25 1.23 -2.25	19.99 1.44 -0.96	21.17 1.66 -0.48	22.37 1.79 0.00	24.13 2.01 0.00	26.04 2.08 0.00	27.52 2.28 -0.16	32.44 2.63 -2.70	35.82 2.70 -2.74	41.58 2.23 -13.10	33.81 2.23 -5.34	32.39 2.15 -4.99	28.53 1.93 -3.03	23.88 1.69 -2.57	22.34 1.35 -2.73
W50THST__13_KV_LOAD 356117	20.17 1.28 -0.65	18.58 1.07 -2.26	17.30 1.06 -0.93	16.06 1.02 -0.32	15.74 1.02 -0.17	16.38 1.05 -0.17	17.95 1.13 -1.51	18.34 1.17 -1.77	18.71 1.23 -2.10	19.33 1.31 -2.25	20.08 1.53 -0.96	21.27 1.75 -0.48	22.47 1.89 0.00	24.26 2.15 0.00	26.16 2.20 0.00	27.65 2.41 -0.16	32.60 2.79 -2.70	35.98 2.86 -2.74	41.71 2.36 -13.10	33.94 2.36 -5.34	32.52 2.27 -4.99	28.64 2.05 -3.03	23.97 1.79 -2.57	22.41 1.42 -2.73
WADING RIVER_IC_1 23522	26.07 1.22 -6.61	24.68 1.10 -8.33	21.46 1.09 -5.06	20.01 1.09 -4.19	19.62 1.14 -3.94	18.50 1.26 -2.08	18.15 1.33 -1.52	24.59 1.28 -7.91	25.79 1.20 -9.22	27.41 1.26 -10.37	28.92 1.32 -10.01	29.85 1.56 -9.25	30.97 1.75 -8.64	32.96 1.99 -8.85	43.45 2.11 -17.38	39.15 2.43 -11.64	47.56 2.71 -17.74	49.79 2.92 -16.49	49.84 2.44 -21.15	42.26 2.54 -13.47	40.49 2.43 -12.80	36.55 2.17 -10.82	42.37 1.79 -20.97	30.03 1.41 -10.36
WADING RIVER_IC_2 23547	26.07 1.22 -6.61	24.68 1.10 -8.33	21.46 1.09 -5.06	20.01 1.09 -4.19	19.62 1.14 -3.94	18.50 1.26 -2.08	18.15 1.33 -1.52	24.59 1.28 -7.91	25.79 1.20 -9.22	27.41 1.26 -10.37	28.92 1.32 -10.01	29.85 1.56 -9.25	30.97 1.75 -8.64	32.96 1.99 -8.85	43.45 2.11 -17.38	39.15 2.43 -11.64	47.56 2.71 -17.74	49.79 2.92 -16.49	49.84 2.44 -21.15	42.26 2.54 -13.47	40.49 2.43 -12.80	36.55 2.17 -10.82	42.37 1.79 -20.97	30.03 1.41 -10.36
WADING RIVER_IC_3 23601	26.07 1.22 -6.61	24.68 1.10 -8.33	21.46 1.09 -5.06	20.01 1.09 -4.19	19.62 1.14 -3.94	18.50 1.26 -2.08	18.15 1.33 -1.52	24.59 1.28 -7.91	25.79 1.20 -9.22	27.41 1.26 -10.37	28.92 1.32 -10.01	29.85 1.56 -9.25	30.97 1.75 -8.64	32.96 1.99 -8.85	43.45 2.11 -17.38	39.15 2.43 -11.64	47.56 2.71 -17.74	49.79 2.92 -16.49	49.84 2.44 -21.15	42.26 2.54 -13.47	40.49 2.43 -12.80	36.55 2.17 -10.82	42.37 1.79 -20.97	30.03 1.41 -10.36
WALDENNY_12_KV_BK2 80841	18.02 -0.33 -0.11	15.19 -0.44 -0.38	15.15 -0.32 -0.16	14.52 -0.27 -0.05	14.39 -0.19 -0.03	14.98 -0.21 -0.03	15.19 -0.37 -0.26	15.25 -0.45 -0.30	15.07 -0.66 -0.36	15.41 -0.74 -0.38	16.80 -0.95 -0.16	18.17 -0.95 -0.08	19.88 -0.70 0.00	21.32 -0.80 0.00	23.62 -0.34 0.00	24.33 -0.75 0.00	26.12 -1.38 -0.39	29.17 -1.67 -0.46	27.37 -0.89 -2.01	26.27 -0.87 -0.90	25.37 -0.73 -0.84	23.44 -0.64 -0.51	19.36 -0.69 -0.43	18.10 -0.62 -0.46
WALDEN__HYDRO 24148	19.90 1.02 -0.63	18.28 0.82 -2.21	17.04 0.83 -0.90	15.82 0.78 -0.31	15.50 0.79 -0.17	16.14 0.80 -0.17	17.64 0.86 -1.48	17.99 0.86 -1.72	18.34 0.92 -2.05	18.91 0.95 -2.19	19.63 1.11 -0.94	20.84 1.33 -0.47	22.06 1.48 0.00	23.78 1.66 0.00	25.70 1.75 0.00	27.11 1.91 -0.12	31.89 2.22 -2.55	35.46 2.40 -2.68	40.82 1.97 -12.60	33.50 2.02 -5.24	32.06 1.92 -4.89	28.28 1.74 -2.97	23.59 1.45 -2.52	22.07 1.15 -2.66
WARRENSBURG____ 23737	20.56 1.48 -0.84	19.33 1.17 -2.90	17.66 1.16 -1.19	16.25 1.12 -0.41	15.86 1.09 -0.22	16.57 1.18 -0.22	18.40 1.15 -1.94	18.86 1.19 -2.27	19.32 1.24 -2.70	19.97 1.31 -2.88	20.18 1.35 -1.23	21.16 1.50 -0.61	22.23 1.65 0.00	23.75 1.64 0.00	25.66 1.70 0.00	26.25 1.30 0.14	31.43 1.65 -2.67	40.43 2.09 -7.95	62.16 1.97 -33.94	43.79 1.94 -15.61	41.67 1.84 -14.56	34.09 1.67 -8.85	28.48 1.35 -7.51	23.39 1.62 -3.50
WATERSIDE____6 8 9 23538	20.10 1.20 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	16.00 0.96 -0.32	15.68 0.96 -0.17	16.28 0.94 -0.17	17.83 1.01 -1.51	18.22 1.05 -1.77	18.55 1.08 -2.10	19.19 1.17 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	25.99 2.04 0.00	27.47 2.23 -0.16	32.41 2.60 -2.70	35.79 2.67 -2.74	41.58 2.23 -13.10	33.73 2.15 -5.34	32.34 2.10 -4.99	28.48 1.89 -3.03	23.90 1.71 -2.57	22.34 1.35 -2.73
WATKINRD_115KV_LN8_ILLION 55919	18.37 0.13 0.00	15.33 0.08 0.00	15.41 0.09 0.00	14.80 0.07 0.00	14.62 0.07 0.00	15.24 0.08 0.00	15.38 0.08 0.00	15.48 0.08 0.00	15.43 0.06 0.00	15.85 0.08 0.00	17.68 0.09 0.00	19.15 0.11 0.00	20.72 0.14 0.00	22.27 0.15 0.00	24.15 0.19 0.00	25.28 0.20 0.00	27.27 0.16 0.00	30.53 0.15 0.00	26.41 0.16 0.00	26.40 0.16 0.00	25.39 0.13 0.00	23.68 0.12 0.00	19.68 0.06 0.00	18.28 0.02 0.00
WATSON____69_KV_BK 1 55734	26.53 1.68 -6.61	24.98 1.40 -8.33	21.80 1.42 -5.06	20.30 1.38 -4.19	19.87 1.38 -3.94	18.68 1.44 -2.08	18.31 1.48 -1.52	24.82 1.51 -7.91	26.11 1.52 -9.22	27.77 1.62 -10.37	29.36 1.76 -10.01	30.31 2.02 -9.25	31.47 2.24 -8.64	33.49 2.52 -8.85	44.00 2.66 -17.38	39.68 2.96 -11.64	48.10 3.25 -17.74	50.33 3.46 -16.49	50.34 2.94 -21.15	42.70 2.99 -13.47	41.02 2.96 -12.80	37.12 2.73 -10.82	42.78 2.20 -20.97	30.47 1.84 -10.36
WDELAWARE__HYD 323627	19.34 0.51 -0.59	17.69 0.40 -2.05	16.53 0.38 -0.84	15.37 0.35 -0.29	15.07 0.36 -0.15	15.67 0.35 -0.15	17.10 0.43 -1.37	17.43 0.43 -1.60	17.75 0.48 -1.90	18.30 0.49 -2.03	19.06 0.60 -0.87	20.27 0.80 -0.43	21.51 0.93 0.00	23.18 1.06 0.00	25.06 1.10 0.00	26.42 1.25 -0.08	30.93 1.52 -2.31	34.64 1.67 -2.59	39.51 1.34 -11.92	32.63 1.34 -5.05	31.26 1.29 -4.71	27.58 1.15 -2.86	22.99 0.94 -2.43	21.41 0.68 -2.47
WEST BABYLON__IC 23714	26.47 1.62 -6.61	24.94 1.36 -8.33	21.74 1.36 -5.06	20.23 1.31 -4.19	19.82 1.34 -3.94	18.64 1.40 -2.08	18.26 1.44 -1.52	24.78 1.46 -7.91	26.08 1.49 -9.22	27.72 1.58 -10.37	29.34 1.74 -10.01	30.27 1.98 -9.25	31.40 2.18 -8.64	33.42 2.45 -8.85	43.85 2.52 -17.38	39.53 2.81 -11.64	47.97 3.12 -17.74	50.18 3.31 -16.49	50.18 2.78 -21.15	42.57 2.86 -13.47	40.87 2.80 -12.80	36.98 2.59 -10.82	42.70 2.12 -20.97	30.40 1.77 -10.36
WEST CANADA__HYD 24049	18.32 0.07 0.00	15.30 0.05 0.00	15.38 0.06 0.00	14.79 0.06 0.00	14.59 0.04 0.00	15.23 0.06 0.00	15.37 0.06 0.00	15.46 0.06 0.00	15.43 0.06 0.00	15.82 0.05 0.00	17.64 0.05 0.00	19.12 0.08 0.00	20.66 0.08 0.00	22.21 0.09 0.00	24.05 0.10 0.00	25.21 0.13 0.00	27.22 0.11 0.00	30.47 0.09 0.00	26.36 0.11 0.00	26.34 0.11 0.00	25.36 0.10 0.00	23.68 0.12 0.00	19.70 0.08 0.00	18.34 0.07 0.00
WESTERN_NY_WIND 24143	18.27 -0.07 -0.10	15.35 -0.23 -0.33	15.40 -0.05 -0.14	14.72 -0.06 -0.05	14.44 -0.13 -0.02	15.10 -0.09 -0.02	15.36 -0.17 -0.22	15.41 -0.25 -0.26	15.30 -0.38 -0.31	15.58 -0.52 -0.33	17.01 -0.72 -0.14	18.40 -0.70 -0.07	19.98 -0.60 0.00	21.43 -0.69 0.00	23.64 -0.31 0.00	24.51 -0.58 0.00	26.50 -0.95 -0.34	29.34 -1.43 -0.39	27.33 -0.63 -1.71	26.48 -0.52 -0.76	25.52 -0.45 -0.71	23.64 -0.35 -0.43	19.52 -0.47 -0.37	18.35 -0.31 -0.40



WESTOVER___LESR 323668	18.62 0.16 -0.21	16.05 0.08 -0.72	15.72 0.11 -0.30	14.93 0.10 -0.10	14.75 0.15 -0.05	15.36 0.14 -0.05	15.90 0.11 -0.48	16.08 0.11 -0.57	16.09 0.05 -0.67	16.52 0.03 -0.72	17.91 0.02 -0.31	19.29 0.10 -0.15	20.79 0.21 0.00	22.36 0.24 0.00	24.39 0.43 0.00	25.43 0.35 0.00	28.04 0.19 -0.74	31.46 0.12 -0.96	30.79 0.34 -4.19	28.51 0.39 -1.87	27.41 0.40 -1.75	25.03 0.40 -1.06	20.79 0.27 -0.90	19.32 0.18 -0.87
WETHRSFD_WT_PWR 323626	18.11 -0.26 -0.12	15.30 -0.38 -0.43	15.23 -0.26 -0.18	14.55 -0.24 -0.06	14.39 -0.19 -0.03	14.99 -0.21 -0.03	15.26 -0.34 -0.29	15.35 -0.38 -0.33	15.25 -0.52 -0.40	15.57 -0.63 -0.43	16.98 -0.79 -0.18	18.37 -0.76 -0.09	20.02 -0.55 0.00	21.47 -0.64 0.00	23.60 -0.36 0.00	24.51 -0.58 0.00	26.44 -1.11 -0.44	29.51 -1.40 -0.52	27.89 -0.66 -2.29	26.58 -0.68 -1.02	25.59 -0.63 -0.96	23.58 -0.57 -0.58	19.44 -0.67 -0.49	18.14 -0.64 -0.52
WHAVSTOR_138KV_BK127 55557	19.91 1.04 -0.63	18.29 0.85 -2.19	17.05 0.84 -0.89	15.84 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.67 0.90 -1.46	18.04 0.92 -1.71	18.37 0.97 -2.03	18.97 1.03 -2.17	19.73 1.21 -0.93	20.91 1.41 -0.46	22.12 1.54 0.00	23.84 1.73 0.00	25.73 1.77 0.00	27.18 1.96 -0.14	31.98 2.28 -2.59	35.36 2.34 -2.65	40.77 1.92 -12.60	33.34 1.94 -5.16	31.92 1.84 -4.81	28.19 1.70 -2.93	23.55 1.45 -2.48	22.05 1.15 -2.64
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.91 1.04 -0.63	18.29 0.85 -2.19	17.05 0.84 -0.89	15.84 0.81 -0.31	15.51 0.80 -0.17	16.15 0.82 -0.17	17.67 0.90 -1.46	18.04 0.92 -1.71	18.37 0.97 -2.03	18.97 1.03 -2.17	19.73 1.21 -0.93	20.91 1.41 -0.46	22.12 1.54 0.00	23.84 1.73 0.00	25.73 1.77 0.00	27.18 1.96 -0.14	31.98 2.28 -2.59	35.36 2.34 -2.65	40.77 1.92 -12.60	33.34 1.94 -5.16	31.92 1.84 -4.81	28.19 1.70 -2.93	23.55 1.45 -2.48	22.05 1.15 -2.64
WHITEHAL_115KV_TB1 80871	20.92 1.84 -0.83	19.62 1.46 -2.90	17.94 1.44 -1.19	16.52 1.38 -0.41	16.12 1.35 -0.22	16.87 1.49 -0.22	18.68 1.44 -1.94	19.16 1.49 -2.27	19.62 1.55 -2.70	20.29 1.64 -2.88	20.56 1.74 -1.23	21.59 1.94 -0.61	22.70 2.12 0.00	24.28 2.17 0.00	26.21 2.25 0.00	26.98 2.03 0.14	32.26 2.49 -2.66	41.33 3.04 -7.91	62.83 2.86 -33.72	44.57 2.81 -15.52	42.42 2.68 -14.48	34.77 2.40 -8.80	28.97 1.88 -7.46	23.80 2.05 -3.49
WHITEPLN_13_KV_LOAD 356215	20.15 1.26 -0.65	18.55 1.04 -2.26	17.26 1.03 -0.92	16.03 0.99 -0.32	15.69 0.97 -0.17	16.34 1.00 -0.17	17.89 1.07 -1.51	18.28 1.11 -1.77	18.62 1.15 -2.10	19.25 1.23 -2.24	20.01 1.46 -0.96	21.21 1.69 -0.48	22.43 1.85 0.00	24.20 2.08 0.00	26.09 2.13 0.00	27.59 2.36 -0.16	32.54 2.74 -2.69	36.00 2.89 -2.73	41.71 2.39 -13.07	33.99 2.41 -5.33	32.51 2.27 -4.97	28.66 2.07 -3.02	23.93 1.75 -2.56	22.39 1.41 -2.72
WM_FLOYD_69_KV_BK2 356380	26.29 1.44 -6.61	24.82 1.24 -8.33	21.61 1.24 -5.06	20.14 1.22 -4.19	19.71 1.22 -3.94	18.56 1.32 -2.08	18.20 1.38 -1.52	24.67 1.36 -7.91	25.90 1.31 -9.22	27.53 1.39 -10.37	29.06 1.46 -10.01	29.99 1.69 -9.25	31.12 1.89 -8.64	33.11 2.15 -8.85	43.59 2.25 -17.38	39.33 2.61 -11.64	47.81 2.95 -17.74	50.00 3.13 -16.49	50.05 2.65 -21.15	42.39 2.68 -13.47	40.69 2.63 -12.80	36.77 2.38 -10.82	42.47 1.88 -20.97	30.20 1.57 -10.36
WOODARD__115KV_TB2 355635	18.19 -0.11 -0.06	15.32 -0.14 -0.21	15.28 -0.12 -0.09	14.64 -0.12 -0.03	14.42 -0.15 -0.02	15.06 -0.12 -0.02	15.31 -0.14 -0.14	15.43 -0.14 -0.16	15.43 -0.14 -0.19	15.84 -0.14 -0.21	17.48 -0.19 -0.09	18.91 -0.17 -0.04	20.44 -0.14 0.00	21.94 -0.18 0.00	23.86 -0.10 0.00	24.91 -0.18 0.00	27.05 -0.27 -0.22	30.18 -0.43 -0.22	27.02 -0.21 -0.97	26.49 -0.18 -0.44	25.49 -0.18 -0.41	23.67 -0.14 -0.25	19.67 -0.16 -0.21	18.44 -0.07 -0.25
YORK___WARBASSE 23770	20.15 1.26 -0.65	18.51 0.99 -2.26	17.20 0.96 -0.93	15.99 0.94 -0.32	15.66 0.95 -0.17	16.25 0.91 -0.17	17.78 0.96 -1.51	18.17 1.00 -1.77	18.52 1.05 -2.10	19.17 1.15 -2.25	19.94 1.39 -0.96	21.13 1.62 -0.48	22.33 1.75 0.00	24.11 1.99 0.00	26.02 2.06 0.00	27.49 2.26 -0.16	32.52 2.71 -2.70	35.88 2.76 -2.74	41.77 2.42 -13.11	33.81 2.23 -5.34	32.42 2.17 -4.99	28.53 1.93 -3.03	23.96 1.77 -2.57	22.38 1.39 -2.73