

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										09/30/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	22.75	22.37	21.66	20.97	21.08	27.48	35.28	42.38	33.74	31.03	24.29	23.76	24.94	30.37	34.47	32.87	35.42	45.59	47.86	52.55	42.14	41.79	34.58	28.53	
	1.17	1.15	1.05	1.08	1.10	1.39	1.83	2.22	1.77	1.72	1.48	1.59	1.77	2.15	2.31	2.12	2.23	2.59	2.74	2.94	2.22	2.05	1.69	1.39	
74TH STREET_GT_1 24260																									
	22.74	22.36	21.69	21.00	21.11	27.50	35.29	42.38	33.74	31.00	24.27	23.73	24.90	30.29	34.41	32.82	35.37	45.54	47.85	52.58	42.16	41.82	34.60	28.55	
	1.15	1.14	1.08	1.11	1.13	1.41	1.85	2.22	1.76	1.69	1.46	1.56	1.74	2.07	2.24	2.08	2.17	2.54	2.73	2.97	2.24	2.08	1.70	1.41	
74TH STREET_GT_2 24261																									
	22.74	22.36	21.69	21.00	21.11	27.50	35.29	42.38	33.74	31.00	24.27	23.73	24.90	30.29	34.41	32.82	35.37	45.54	47.85	52.58	42.16	41.82	34.60	28.55	
	1.15	1.14	1.08	1.11	1.13	1.41	1.85	2.22	1.76	1.69	1.46	1.56	1.74	2.07	2.24	2.08	2.17	2.54	2.73	2.97	2.24	2.08	1.70	1.41	
ADK HUDSON___FALLS 24011																									
	22.86	22.45	21.77	21.09	21.27	27.72	35.39	42.65	33.68	30.67	23.83	23.04	24.12	29.28	33.42	32.32	35.24	45.94	48.57	53.48	42.97	42.38	34.90	28.80	
	1.27	1.24	1.17	1.21	1.29	1.63	1.94	2.49	1.71	1.36	1.02	0.87	0.96	1.05	1.26	1.57	2.04	2.95	3.45	3.87	3.05	2.64	2.01	1.66	
ADK RESOURCE___RCVRY 23798																									
	23.00	22.59	21.88	21.22	21.42	27.95	35.57	42.95	33.89	30.82	23.96	23.15	24.25	29.37	33.54	32.51	35.59	46.46	49.11	54.08	43.42	42.74	35.18	29.03	
	1.41	1.37	1.27	1.34	1.44	1.85	2.12	2.79	1.91	1.51	1.15	0.98	1.09	1.15	1.37	1.76	2.40	3.47	3.99	4.47	3.50	3.00	2.29	1.88	
ADK S GLENS___FALLS 24028																									
	22.86	22.45	21.77	21.09	21.27	27.72	35.39	42.65	33.68	30.67	23.83	23.04	24.12	29.28	33.42	32.32	35.24	45.94	48.57	53.48	42.97	42.38	34.90	28.80	
	1.27	1.24	1.17	1.21	1.29	1.63	1.94	2.49	1.71	1.36	1.02	0.87	0.96	1.05	1.26	1.57	2.04	2.95	3.45	3.87	3.05	2.64	2.01	1.66	
ADK_NYS___DAM 23527																									
	22.47	22.14	21.51	20.86	21.00	27.07	34.49	41.57	32.74	29.66	23.10	22.40	23.48	28.53	32.47	31.27	33.72	43.86	46.53	51.23	41.39	40.98	33.88	28.01	
	0.88	0.92	0.89	0.97	1.02	0.97	1.05	1.41	0.76	0.35	0.28	0.24	0.32	0.31	0.31	0.53	0.53	0.86	1.41	1.62	1.47	1.24	0.99	0.87	
AIR_PRODUCTS___DRP 24190																									
	21.65	21.32	20.72	20.04	20.16	26.16	33.49	40.31	31.91	29.13	22.71	22.08	23.07	28.09	31.97	30.69	33.20	43.06	45.44	49.97	40.22	39.84	32.92	27.16	
	0.06	0.09	0.10	0.15	0.18	0.06	0.05	0.14	-0.06	-0.18	-0.10	-0.09	-0.09	-0.13	-0.19	-0.05	0.00	0.07	0.31	0.36	0.29	0.10	0.03	0.02	
AKWESSNE_115KV_BK 355683																									
	21.73	21.34	20.74	19.94	20.00	26.12	33.52	40.23	32.04	29.29	22.82	22.10	23.02	28.04	32.06	30.68	33.06	42.80	44.76	49.22	39.63	39.70	32.88	27.17	
	0.14	0.12	0.13	0.06	0.02	0.03	0.07	0.07	0.07	-0.02	0.00	-0.07	-0.14	-0.19	-0.11	-0.07	-0.14	-0.20	-0.36	-0.39	-0.29	-0.04	-0.01	0.03	
ALBANY_1_SOLAR 323833																									
	22.08	21.74	21.13	20.43	20.54	26.69	34.18	41.11	32.53	29.66	23.08	22.34	23.24	28.22	32.06	30.79	33.55	43.70	46.29	50.95	40.98	40.62	33.55	27.68	
	0.49	0.52	0.52	0.54	0.56	0.60	0.74	0.95	0.56	0.35	0.26	0.18	0.08	0.00	-0.10	0.05	0.35	0.71	1.17	1.34	1.06	0.88	0.66	0.54	
ALBANY_2_SOLAR 323834																									
	22.07	21.73	21.13	20.42	20.54	26.69	34.17	41.10	32.52	29.66	23.07	22.34	23.24	28.22	32.06	30.79	33.54	43.68	46.29	50.93	40.96	40.60	33.55	27.67	
	0.48	0.51	0.52	0.53	0.56	0.59	0.73	0.94	0.54	0.35	0.25	0.18	0.08	-0.01	-0.10	0.04	0.35	0.69	1.16	1.32	1.04	0.86	0.66	0.53	
ALBANY___1 23571																									
	21.65	21.32	20.72	20.04	20.16	26.16	33.49	40.31	31.91	29.13	22.71	22.08	23.07	28.09	31.97	30.69	33.20	43.06	45.44	49.97	40.22	39.84	32.92	27.16	
	0.06	0.09	0.10	0.15	0.18	0.06	0.05	0.14	-0.06	-0.18	-0.10	-0.09	-0.09	-0.13	-0.19	-0.05	0.00	0.07	0.31	0.36	0.29	0.10	0.03	0.02	

ALBANY___2 23572	21.65 0.06 0.00	21.32 0.09 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.18 0.00	22.71 -0.10 0.00	22.08 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.97 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.97 0.36 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
ALBANY___3 23573	21.65 0.06 0.00	21.32 0.09 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.18 0.00	22.71 -0.10 0.00	22.08 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.97 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.97 0.36 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
ALBANY___4 23574	21.65 0.06 0.00	21.32 0.09 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.18 0.00	22.71 -0.10 0.00	22.08 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.97 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.97 0.36 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
ALBANY___LFGE 323615	21.89 0.30 0.00	21.54 0.33 0.00	20.93 0.32 0.00	20.25 0.36 0.00	20.37 0.39 0.00	26.46 0.36 0.00	33.88 0.43 0.00	40.77 0.61 0.00	32.29 0.32 0.00	29.48 0.17 0.00	22.99 0.17 0.00	22.33 0.17 0.00	23.34 0.18 0.00	28.43 0.21 0.00	32.38 0.21 0.00	31.10 0.35 0.00	33.64 0.44 0.00	43.64 0.65 0.00	46.03 0.91 0.00	50.63 1.02 0.00	40.72 0.80 0.00	40.33 0.59 0.00	33.31 0.42 0.00	27.47 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	21.85 0.27 0.00	21.45 0.24 0.00	20.85 0.24 0.00	20.05 0.16 0.00	20.11 0.13 0.00	26.27 0.17 0.00	33.72 0.27 0.00	40.44 0.28 0.00	32.17 0.19 0.00	29.37 0.06 0.00	22.87 0.05 0.00	22.14 -0.02 0.00	23.04 -0.12 0.00	28.03 -0.19 0.00	32.04 -0.13 0.00	30.68 -0.07 0.00	33.06 -0.14 0.00	42.81 -0.19 0.00	44.84 -0.28 0.00	49.32 -0.29 0.00	39.78 -0.14 0.00	39.87 0.13 0.00	33.05 0.16 0.00	27.31 0.17 0.00
ALCOA_RYNLDS___DRP 24188	21.85 0.27 0.00	21.45 0.24 0.00	20.85 0.24 0.00	20.05 0.16 0.00	20.11 0.13 0.00	26.27 0.17 0.00	33.72 0.27 0.00	40.44 0.28 0.00	32.17 0.19 0.00	29.37 0.06 0.00	22.87 0.05 0.00	22.14 -0.02 0.00	23.04 -0.12 0.00	28.03 -0.19 0.00	32.04 -0.13 0.00	30.68 -0.07 0.00	33.06 -0.14 0.00	42.81 -0.19 0.00	44.84 -0.28 0.00	49.32 -0.29 0.00	39.78 -0.14 0.00	39.87 0.13 0.00	33.05 0.16 0.00	27.31 0.17 0.00
ALCOA___DSASP 323711	21.86 0.27 0.00	21.46 0.24 0.00	20.85 0.24 0.00	20.05 0.16 0.00	20.11 0.13 0.00	26.27 0.17 0.00	33.72 0.27 0.00	40.45 0.28 0.00	32.17 0.19 0.00	29.37 0.06 0.00	22.87 0.05 0.00	22.14 -0.02 0.00	23.05 -0.12 0.00	28.03 -0.19 0.00	32.04 -0.13 0.00	30.68 -0.07 0.00	33.06 -0.14 0.00	42.81 -0.19 0.00	44.84 -0.28 0.00	49.32 -0.29 0.00	39.78 -0.14 0.00	39.87 0.13 0.00	33.05 0.16 0.00	27.31 0.17 0.00
ALLEGHENY___COGEN 23514	22.63 1.04 0.00	22.10 0.88 0.00	21.41 0.80 0.00	20.59 0.70 0.00	20.67 0.69 0.00	27.61 1.51 0.00	35.48 2.03 0.00	42.39 2.23 0.00	34.11 2.14 0.00	31.23 1.92 0.00	23.80 0.99 0.00	22.67 0.51 0.00	23.62 0.45 0.00	28.89 0.66 0.00	33.05 0.89 0.00	32.02 1.27 0.00	34.41 1.21 0.00	45.15 2.15 0.00	47.93 2.81 0.00	52.99 3.38 0.00	42.61 2.69 0.00	42.40 2.66 0.00	35.05 2.16 0.00	28.95 1.80 0.00
ALTAMONT_115KV_TB 2 55880	21.93 0.34 0.00	21.58 0.37 0.00	20.98 0.37 0.00	20.28 0.39 0.00	20.40 0.41 0.00	26.51 0.41 0.00	33.94 0.49 0.00	40.81 0.65 0.00	32.36 0.39 0.00	29.57 0.26 0.00	23.05 0.24 0.00	22.40 0.24 0.00	23.41 0.25 0.00	28.49 0.27 0.00	32.43 0.27 0.00	31.08 0.34 0.00	33.60 0.41 0.00	43.58 0.59 0.00	45.94 0.82 0.00	50.53 0.92 0.00	40.67 0.75 0.00	40.35 0.61 0.00	33.36 0.47 0.00	27.53 0.38 0.00
ALTONA_WT_PWR 323606	22.43 0.85 0.00	21.98 0.76 0.00	21.27 0.66 0.00	20.45 0.56 0.00	20.54 0.56 0.00	26.53 0.44 0.00	33.84 0.39 0.00	40.90 0.74 0.00	32.62 0.65 0.00	29.81 0.50 0.00	23.24 0.43 0.00	22.43 0.27 0.00	23.46 0.30 0.00	28.44 0.21 0.00	32.48 0.32 0.00	31.28 0.53 0.00	33.79 0.60 0.00	43.89 0.89 0.00	45.45 0.32 0.00	49.56 -0.04 0.00	40.00 0.08 0.00	39.90 0.16 0.00	33.12 0.22 0.00	27.28 0.13 0.00
AMERICAN_REF_FUEL 24010	21.45 -0.14 0.00	20.98 -0.23 0.00	20.38 -0.23 0.00	19.48 -0.40 0.00	19.55 -0.43 0.00	26.18 0.08 0.00	33.20 -0.25 0.00	38.90 -1.26 0.00	31.34 -0.64 0.00	29.11 -0.20 0.00	22.72 -0.10 0.00	21.99 -0.17 0.00	22.92 -0.25 0.00	28.02 -0.20 0.00	32.01 -0.15 0.00	30.35 -0.39 0.00	32.24 -0.95 0.00	41.60 -1.40 0.00	43.53 -1.59 0.00	47.79 -1.82 0.00	38.65 -1.28 0.00	38.83 -0.91 0.00	32.50 -0.39 0.00	27.18 0.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.11 0.53 0.00	21.60 0.38 0.00	20.92 0.31 0.00	20.12 0.23 0.00	20.20 0.22 0.00	27.17 1.07 0.00	34.53 1.08 0.00	40.66 0.50 0.00	32.76 0.79 0.00	30.73 1.42 0.00	23.84 1.02 0.00	23.31 1.15 0.00	24.43 1.27 0.00	29.95 1.72 0.00	34.11 1.95 0.00	32.26 1.51 0.00	34.53 1.34 0.00	44.65 1.66 0.00	46.72 1.60 0.00	51.24 1.64 0.00	41.34 1.42 0.00	41.47 1.73 0.00	34.40 1.51 0.00	28.42 1.28 0.00
ARTHUR KILL_GT_1 23520	22.67 1.08 0.00	22.24 1.02 0.00	21.56 0.95 0.00	20.87 0.98 0.00	20.98 1.00 0.00	27.32 1.22 0.00	34.99 1.54 0.00	41.88 1.73 0.00	33.46 1.49 0.00	30.76 1.45 0.00	24.07 1.26 0.00	23.49 1.33 0.00	24.63 1.47 0.00	29.97 1.74 0.00	33.98 1.82 0.00	32.46 1.71 0.00	34.40 1.83 0.62	43.89 1.97 1.08	47.12 2.21 0.21	52.12 2.51 0.00	41.77 1.85 0.01	41.39 1.66 0.00	34.42 1.53 0.00	28.48 1.34 0.00
ARTHUR_KILL_2 23512	22.61 1.02 0.00	22.19 0.97 0.00	21.51 0.90 0.00	20.82 0.93 0.00	20.93 0.95 0.00	27.24 1.15 0.00	34.88 1.43 0.00	41.76 1.60 0.00	33.37 1.39 0.00	30.67 1.36 0.00	24.01 1.20 0.00	23.44 1.27 0.00	24.58 1.41 0.00	29.89 1.67 0.00	33.89 1.73 0.00	32.36 1.62 0.00	34.30 1.72 0.62	43.75 1.83 1.08	46.97 2.05 0.21	51.96 2.35 0.00	41.64 1.72 0.01	41.26 1.52 0.00	34.31 1.42 0.00	28.40 1.26 0.00
ARTHUR_KILL_3 23513	22.55 0.96 0.00	22.17 0.95 0.00	21.49 0.88 0.00	20.82 0.93 0.00	20.92 0.94 0.00	27.27 1.18 0.00	34.97 1.52 0.00	41.93 1.77 0.00	33.34 1.37 0.00	30.64 1.33 0.00	23.99 1.17 0.00	23.45 1.28 0.00	24.61 1.45 0.00	29.95 1.73 0.00	34.00 1.84 0.00	32.43 1.69 0.00	34.97 1.77 0.00	45.00 2.01 0.00	47.29 2.16 0.00	51.98 2.37 0.00	41.68 1.76 0.00	41.36 1.62 0.00	34.24 1.35 0.00	28.29 1.14 0.00

ARTHUR_KILL_COGEN 323718	22.67 1.08 0.00	22.24 1.02 0.00	21.56 0.95 0.00	20.87 0.98 0.00	20.98 1.00 0.00	27.32 1.22 0.00	34.99 1.54 0.00	41.88 1.73 0.00	33.46 1.49 0.00	30.76 1.45 0.00	24.07 1.26 0.00	23.49 1.33 0.00	24.63 1.47 0.00	29.97 1.74 0.00	33.98 1.82 0.00	32.46 1.71 0.00	34.40 1.83 0.62	43.89 1.97 1.08	47.12 2.21 0.21	52.12 2.51 0.00	41.77 1.85 0.01	41.39 1.66 0.00	34.42 1.53 0.00	28.48 1.34 0.00
ASHOKAN____ 23654	22.19 0.61 0.00	21.81 0.59 0.00	21.17 0.56 0.00	20.48 0.59 0.00	20.60 0.62 0.00	26.82 0.73 0.00	34.46 1.01 0.00	41.57 1.41 0.00	32.98 1.01 0.00	30.11 0.80 0.00	23.36 0.55 0.00	22.58 0.42 0.00	23.52 0.36 0.00	28.67 0.45 0.00	32.64 0.48 0.00	31.29 0.54 0.00	34.15 0.96 0.00	44.57 1.57 0.00	47.16 2.04 0.00	51.97 2.37 0.00	41.73 1.81 0.00	41.23 1.49 0.00	33.96 1.07 0.00	27.93 0.79 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.65 1.07 0.00	22.21 0.99 0.00	21.57 0.96 0.00	20.84 0.96 0.00	20.96 0.98 0.00	27.16 1.06 0.00	34.93 1.49 0.00	41.97 1.81 0.00	33.39 1.42 0.00	30.63 1.33 0.00	24.01 1.19 0.00	23.44 1.28 0.01	24.59 1.43 0.00	29.90 1.68 0.00	33.94 1.78 0.00	32.36 1.62 0.01	34.85 1.66 0.00	44.96 1.97 0.01	47.28 2.15 0.00	52.02 2.41 0.00	41.77 1.85 0.00	41.47 1.73 0.00	34.27 1.38 0.00	28.25 1.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.65 1.07 0.00	22.21 0.99 0.00	21.57 0.96 0.00	20.84 0.96 0.00	20.96 0.98 0.00	27.16 1.06 0.00	34.93 1.49 0.00	41.97 1.81 0.00	33.39 1.42 0.00	30.63 1.33 0.00	24.01 1.19 0.00	23.44 1.28 0.01	24.59 1.43 0.00	29.90 1.68 0.00	33.94 1.78 0.00	32.36 1.62 0.01	34.85 1.65 0.00	44.96 1.97 0.01	47.28 2.15 0.00	52.02 2.41 0.00	41.77 1.85 0.00	41.47 1.73 0.00	34.27 1.38 0.00	28.25 1.10 0.00
ASTORIA_GT2_1 24094	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT2_2 24095	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT2_3 24096	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT2_4 24097	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT3_1 24098	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT3_2 24099	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT3_3 24100	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT3_4 24101	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT4_1 24102	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT4_2 24103	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT4_3 24104	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00

ASTORIA_GT4_4 24105	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.96 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.97 1.52 0.00	42.00 1.84 0.00	33.42 1.44 0.00	30.66 1.35 0.00	24.01 1.20 0.00	23.45 1.29 0.00	24.61 1.45 0.00	29.92 1.69 0.00	33.97 1.81 0.00	32.38 1.63 0.00	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.18 0.00	52.05 2.44 0.00	41.79 1.87 0.00	41.50 1.76 0.00	34.30 1.41 0.00	28.26 1.12 0.00
ASTORIA_GT_1 23523	22.70 1.11 0.00	22.25 1.04 0.00	21.61 1.00 0.00	20.88 0.99 0.00	21.00 1.02 0.00	27.22 1.12 0.00	35.01 1.56 0.00	42.08 1.92 0.00	33.48 1.50 0.00	30.71 1.41 0.00	24.07 1.26 0.00	23.50 1.34 0.01	24.66 1.49 0.00	29.98 1.76 0.00	34.03 1.88 0.00	32.44 1.70 0.01	34.93 1.74 0.00	45.08 2.09 0.01	47.41 2.28 0.00	52.16 2.55 0.00	41.88 1.96 0.00	41.58 1.84 0.00	34.36 1.47 0.00	28.32 1.17 0.00
ASTORIA_GT_10 24110	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.05 1.60 0.00	42.08 1.92 0.00	33.49 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.55 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.29 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
ASTORIA_GT_11 24225	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.05 1.60 0.00	42.08 1.92 0.00	33.49 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.55 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.29 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
ASTORIA_GT_12 24226	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.05 1.60 0.00	42.08 1.92 0.00	33.49 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.55 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.29 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
ASTORIA_GT_13 24227	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.05 1.60 0.00	42.08 1.92 0.00	33.49 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.55 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.29 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
ASTORIA_GT_5 24106	22.70 1.11 0.00	22.25 1.04 0.00	21.61 1.00 0.00	20.88 1.00 0.00	21.00 1.02 0.00	27.22 1.12 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.48 1.50 0.00	30.72 1.41 0.00	24.07 1.25 0.00	23.50 1.33 0.00	24.66 1.49 0.00	29.99 1.76 0.00	34.04 1.87 0.00	32.45 1.70 0.00	34.94 1.74 0.00	45.08 2.09 0.01	47.41 2.29 0.00	52.16 2.55 0.00	41.88 1.96 0.00	41.58 1.84 0.00	34.36 1.47 0.00	28.32 1.17 0.00
ASTORIA_GT_7 24107	22.70 1.11 0.00	22.25 1.04 0.00	21.61 1.00 0.00	20.88 1.00 0.00	21.00 1.02 0.00	27.22 1.12 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.48 1.50 0.00	30.72 1.41 0.00	24.07 1.25 0.00	23.50 1.33 0.00	24.66 1.49 0.00	29.99 1.76 0.00	34.04 1.87 0.00	32.45 1.70 0.00	34.94 1.74 0.00	45.08 2.09 0.01	47.41 2.29 0.00	52.16 2.55 0.00	41.88 1.96 0.00	41.58 1.84 0.00	34.36 1.47 0.00	28.32 1.17 0.00
ASTORIA_GT_8 24108	22.70 1.11 0.00	22.25 1.04 0.00	21.61 1.00 0.00	20.88 1.00 0.00	21.00 1.02 0.00	27.22 1.12 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.48 1.50 0.00	30.72 1.41 0.00	24.07 1.25 0.00	23.50 1.33 0.00	24.66 1.49 0.00	29.99 1.76 0.00	34.04 1.87 0.00	32.45 1.70 0.00	34.94 1.74 0.00	45.08 2.09 0.01	47.41 2.29 0.00	52.16 2.55 0.00	41.88 1.96 0.00	41.58 1.84 0.00	34.36 1.47 0.00	28.32 1.17 0.00
ASTORIA___2 24149	22.66 1.07 0.00	22.22 1.00 0.00	21.58 0.97 0.00	20.85 0.97 0.00	20.97 0.99 0.00	27.17 1.07 0.00	34.95 1.50 0.00	42.00 1.84 0.00	33.41 1.44 0.00	30.65 1.35 0.00	24.01 1.20 0.00	23.44 1.29 0.01	24.61 1.45 0.00	29.92 1.70 0.00	33.96 1.81 0.00	32.38 1.64 0.01	34.87 1.68 0.00	44.97 1.98 0.01	47.31 2.19 0.00	52.05 2.44 0.00	41.80 1.87 0.00	41.50 1.76 0.00	34.29 1.40 0.00	28.26 1.12 0.00
ASTORIA___3 23516	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.50 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.55 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.28 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
ASTORIA___4 23517	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.05 1.60 0.00	42.08 1.92 0.00	33.49 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.55 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.29 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
ASTORIA___5 23518	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.50 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.56 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.28 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
AST_ENERGY_2_CC3 323677	22.61 1.03 0.00	22.24 1.02 0.00	21.57 0.96 0.00	20.88 1.00 0.00	20.99 1.01 0.00	27.35 1.26 0.00	35.08 1.63 0.00	42.10 1.94 0.00	33.49 1.52 0.00	30.76 1.46 0.00	24.09 1.27 0.00	23.55 1.38 0.00	24.70 1.54 0.00	30.06 1.84 0.00	34.12 1.96 0.00	32.54 1.80 0.00	35.07 1.87 0.00	45.13 2.14 0.00	47.43 2.30 0.00	52.13 2.52 0.00	41.81 1.89 0.00	41.48 1.74 0.00	34.33 1.44 0.00	28.37 1.23 0.00
AST_ENERGY_2_CC4 323678	22.61 1.03 0.00	22.24 1.02 0.00	21.57 0.96 0.00	20.88 1.00 0.00	20.99 1.01 0.00	27.35 1.26 0.00	35.08 1.63 0.00	42.10 1.94 0.00	33.49 1.52 0.00	30.76 1.46 0.00	24.09 1.27 0.00	23.55 1.38 0.00	24.70 1.54 0.00	30.06 1.84 0.00	34.12 1.96 0.00	32.54 1.80 0.00	35.07 1.87 0.00	45.13 2.14 0.00	47.43 2.30 0.00	52.13 2.52 0.00	41.81 1.89 0.00	41.48 1.74 0.00	34.33 1.44 0.00	28.37 1.23 0.00

ATHENS_STG_1 23668	21.94 0.36 0.00	21.62 0.40 0.00	21.02 0.41 0.00	20.32 0.43 0.00	20.43 0.44 0.00	26.52 0.43 0.00	33.96 0.52 0.00	40.83 0.67 0.00	32.40 0.42 0.00	29.65 0.34 0.00	23.14 0.33 0.00	22.54 0.37 0.00	23.61 0.45 0.00	28.74 0.51 0.00	32.69 0.53 0.00	31.27 0.53 0.00	33.76 0.57 0.00	43.67 0.67 0.00	45.95 0.83 0.00	50.50 0.90 0.00	40.64 0.72 0.00	40.34 0.60 0.00	33.36 0.47 0.00	27.53 0.38 0.00
ATHENS_STG_2 23670	21.94 0.36 0.00	21.62 0.40 0.00	21.02 0.41 0.00	20.32 0.43 0.00	20.43 0.44 0.00	26.52 0.43 0.00	33.96 0.52 0.00	40.83 0.67 0.00	32.40 0.42 0.00	29.65 0.34 0.00	23.14 0.33 0.00	22.54 0.37 0.00	23.61 0.45 0.00	28.74 0.51 0.00	32.69 0.53 0.00	31.27 0.53 0.00	33.76 0.57 0.00	43.67 0.67 0.00	45.95 0.83 0.00	50.50 0.90 0.00	40.64 0.72 0.00	40.34 0.60 0.00	33.36 0.47 0.00	27.53 0.38 0.00
ATHENS_STG_3 23677	21.94 0.36 0.00	21.62 0.40 0.00	21.02 0.41 0.00	20.32 0.43 0.00	20.43 0.44 0.00	26.52 0.43 0.00	33.96 0.52 0.00	40.83 0.67 0.00	32.40 0.42 0.00	29.65 0.34 0.00	23.14 0.33 0.00	22.54 0.37 0.00	23.61 0.45 0.00	28.74 0.51 0.00	32.69 0.53 0.00	31.27 0.53 0.00	33.76 0.57 0.00	43.67 0.67 0.00	45.95 0.83 0.00	50.50 0.90 0.00	40.64 0.72 0.00	40.34 0.60 0.00	33.36 0.47 0.00	27.53 0.38 0.00
AUBURN___LFGE 323710	21.74 0.15 0.00	21.24 0.02 0.00	20.60 -0.01 0.00	19.87 -0.02 0.00	19.97 -0.01 0.00	26.29 0.20 0.00	33.73 0.28 0.00	40.42 0.26 0.00	32.42 0.44 0.00	29.82 0.51 0.00	23.19 0.37 0.00	22.39 0.23 0.00	23.47 0.31 0.00	28.67 0.45 0.00	32.69 0.53 0.00	31.28 0.45 -0.08	33.68 0.48 0.00	45.30 0.73 -1.58	47.58 0.60 -1.85	52.99 0.85 -2.53	40.58 0.65 0.00	40.26 0.48 -0.04	33.37 0.48 0.00	27.54 0.40 0.00
BABYLON_RES_REC 323704	22.62 1.04 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.21 1.76 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.73 1.43 0.00	24.19 1.38 0.00	23.57 1.41 0.00	24.66 1.50 0.00	29.83 1.60 0.00	34.05 1.89 0.00	32.38 1.64 0.00	34.90 1.70 0.00	44.87 1.87 0.00	47.32 2.20 0.00	52.00 2.39 0.00	41.69 1.77 0.00	41.45 1.71 0.00	34.39 1.50 0.00	28.36 1.21 0.00
BABYLON__69_KV_BK2 356345	22.81 1.22 0.00	22.51 1.30 0.00	21.77 1.16 0.00	21.08 1.20 0.00	21.23 1.25 0.00	27.71 1.62 0.00	35.55 2.10 0.00	42.40 2.24 0.00	33.77 1.80 0.00	31.01 1.70 0.00	24.42 1.61 0.00	23.79 1.62 0.00	24.87 1.71 0.00	30.10 1.87 0.00	34.34 2.18 0.00	32.72 1.97 0.00	35.25 2.05 0.00	45.27 2.28 0.00	47.77 2.65 0.00	52.54 2.93 0.00	42.13 2.21 0.00	41.86 2.12 0.00	34.72 1.83 0.00	28.61 1.46 0.00
BALL_HILL_WT_PWR 323825	21.89 0.31 0.00	21.40 0.18 0.00	20.75 0.14 0.00	19.91 0.03 0.00	19.98 0.00 0.00	26.85 0.75 0.00	34.06 0.61 0.00	40.08 -0.08 0.00	32.30 0.33 0.00	30.16 0.85 0.00	23.45 0.64 0.00	22.84 0.68 0.00	23.88 0.72 0.00	29.23 1.01 0.00	33.31 1.15 0.00	31.54 0.79 0.00	33.72 0.53 0.00	43.58 0.59 0.00	45.60 0.47 0.00	50.02 0.41 0.00	40.36 0.44 0.00	40.51 0.77 0.00	33.70 0.82 0.00	27.98 0.84 0.00
BARON_WINDS___WT_PWR 323822	21.70 0.11 0.00	21.26 0.04 0.00	20.59 -0.02 0.00	19.83 -0.06 0.00	19.91 -0.07 0.00	26.57 0.47 0.00	33.91 0.46 0.00	40.58 0.42 0.00	32.48 0.50 0.00	30.13 0.82 0.00	23.41 0.60 0.00	22.79 0.62 0.00	23.80 0.64 0.00	29.11 0.88 0.00	33.13 0.97 0.00	31.46 0.70 -0.02	33.78 0.58 0.00	44.15 0.78 -0.38	46.38 0.82 -0.44	51.05 0.83 -0.61	40.60 0.67 0.00	40.57 0.82 -0.01	33.67 0.78 0.00	27.87 0.73 0.00
BARRETT_IC_1 23704	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_10 23701	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_11 23702	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_12 23703	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_2 23705	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_3 23706	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_4 23707	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00

BARRETT_IC_5 23708	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_6 23709	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_7 23710	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.74 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.92 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.52 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_8 23711	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT_IC_9 23700	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT___1 23545	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BARRETT___2 23546	22.53 0.94 0.00	22.19 0.97 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.93 0.95 0.00	27.32 1.22 0.00	35.04 1.59 0.00	41.91 1.75 0.00	33.32 1.34 0.00	30.60 1.29 0.00	24.06 1.25 0.00	23.46 1.30 0.00	24.55 1.39 0.00	29.79 1.57 0.00	33.98 1.81 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.88 1.89 0.00	47.26 2.14 0.00	51.92 2.31 0.00	41.53 1.60 0.00	41.26 1.52 0.00	34.20 1.31 0.00	28.27 1.13 0.00
BATAVIA___115KV_TB1 55881	22.27 0.68 0.00	21.76 0.55 0.00	21.12 0.51 0.00	20.22 0.33 0.00	20.31 0.32 0.00	27.17 1.07 0.00	34.67 1.23 0.00	41.00 0.84 0.00	33.02 1.04 0.00	30.61 1.30 0.00	23.85 1.04 0.00	23.04 0.87 0.00	24.01 0.84 0.00	29.26 1.04 0.00	33.36 1.19 0.00	31.62 0.88 0.00	33.81 0.62 0.00	43.91 0.91 0.00	46.25 1.13 0.00	50.88 1.27 0.00	41.01 1.09 0.00	40.97 1.23 0.00	34.07 1.18 0.00	28.33 1.18 0.00
BAYONEEC___CTG1 323682	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG10 323750	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG2 323683	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG3 323684	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG4 323685	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG5 323686	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG6 323687	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00

BAYONEEC___CTG7 323688	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG8 323689	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BAYONEEC___CTG9 323749	22.61 1.02 0.00	22.23 1.01 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.34 1.25 0.00	35.07 1.62 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.76 1.45 0.00	24.08 1.26 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.05 1.83 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.07 1.88 0.00	45.15 2.15 0.00	47.44 2.31 0.00	52.14 2.53 0.00	41.82 1.90 0.00	41.50 1.76 0.00	34.35 1.46 0.00	28.37 1.23 0.00
BEACON___LESR 323632	21.92 0.34 0.00	21.61 0.39 0.00	20.96 0.35 0.00	20.30 0.41 0.00	20.41 0.43 0.00	26.56 0.46 0.00	34.03 0.59 0.00	40.97 0.80 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.04 0.23 0.00	22.34 0.18 0.00	23.38 0.22 0.00	28.51 0.29 0.00	32.46 0.30 0.00	31.16 0.42 0.00	33.77 0.57 0.00	43.87 0.88 0.00	46.23 1.11 0.00	50.80 1.20 0.00	40.85 0.93 0.00	40.42 0.67 0.00	33.37 0.47 0.00	27.52 0.38 0.00
BEAVER RIVER___HYD 24048	22.16 0.57 0.00	21.74 0.52 0.00	21.12 0.51 0.00	20.33 0.44 0.00	20.45 0.47 0.00	26.85 0.76 0.00	34.68 1.24 0.00	41.63 1.47 0.00	32.86 0.88 0.00	29.78 0.47 0.00	22.90 0.08 0.00	22.03 -0.13 0.00	22.73 -0.43 0.00	27.70 -0.52 0.00	31.72 -0.45 0.00	30.29 -0.50 -0.05	32.87 -0.32 0.00	43.74 -0.11 -0.86	46.53 0.40 -1.01	51.88 0.89 -1.38	41.39 1.47 0.00	41.18 1.41 -0.02	33.74 0.85 0.00	27.73 0.59 0.00
BEEBEE_GT_13 23619	21.99 0.40 0.00	21.53 0.31 0.00	20.88 0.27 0.00	20.05 0.16 0.00	20.13 0.15 0.00	26.76 0.66 0.00	34.21 0.76 0.00	40.68 0.52 0.00	32.64 0.67 0.00	30.16 0.85 0.00	23.47 0.66 0.00	22.76 0.59 0.00	23.74 0.58 0.00	29.00 0.78 0.00	33.15 0.98 0.00	31.54 0.79 0.00	33.82 0.62 0.00	43.89 0.89 0.00	46.01 0.88 0.00	50.56 0.96 0.00	40.69 0.77 0.00	40.56 0.82 0.00	33.64 0.75 0.00	27.88 0.73 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.76 1.17 0.00	22.36 1.14 0.00	21.68 1.07 0.00	20.98 1.09 0.00	21.09 1.11 0.00	27.46 1.36 0.00	35.26 1.82 0.00	42.34 2.18 0.00	33.74 1.77 0.00	31.00 1.69 0.00	24.28 1.46 0.00	23.72 1.56 0.00	24.90 1.74 0.00	30.30 2.08 0.00	34.41 2.25 0.00	32.83 2.08 0.00	35.39 2.19 0.00	45.51 2.52 0.00	47.81 2.69 0.00	52.59 2.98 0.00	42.20 2.28 0.00	41.89 2.15 0.00	34.69 1.80 0.00	28.60 1.45 0.00
BETHLEHEM___GRP 23843	21.65 0.06 0.00	21.32 0.09 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.18 0.00	22.71 -0.10 0.00	22.08 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.97 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.97 0.36 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
BETHLEHEM___GS1 323560	21.65 0.06 0.00	21.32 0.10 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.17 0.00	22.71 -0.10 0.00	22.07 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.98 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.98 0.37 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
BETHLEHEM___GS2 323561	21.65 0.06 0.00	21.32 0.10 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.17 0.00	22.71 -0.10 0.00	22.07 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.98 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.98 0.37 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
BETHLEHEM___GS3 323562	21.65 0.06 0.00	21.32 0.10 0.00	20.72 0.10 0.00	20.04 0.15 0.00	20.16 0.18 0.00	26.16 0.06 0.00	33.49 0.05 0.00	40.31 0.14 0.00	31.91 -0.06 0.00	29.13 -0.17 0.00	22.71 -0.10 0.00	22.07 -0.09 0.00	23.07 -0.09 0.00	28.09 -0.13 0.00	31.98 -0.19 0.00	30.69 -0.05 0.00	33.20 0.00 0.00	43.06 0.07 0.00	45.44 0.31 0.00	49.98 0.37 0.00	40.22 0.29 0.00	39.84 0.10 0.00	32.92 0.03 0.00	27.16 0.02 0.00
BETHLEHEM___STEEL 23779	21.89 0.30 0.00	21.42 0.20 0.00	20.77 0.16 0.00	19.90 0.01 0.00	19.96 -0.02 0.00	26.78 0.68 0.00	34.01 0.56 0.00	40.11 -0.06 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.74 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.16 1.00 0.00	31.42 0.67 0.00	33.52 0.32 0.00	43.31 0.31 0.00	45.31 0.19 0.00	49.74 0.13 0.00	40.14 0.22 0.00	40.27 0.53 0.00	33.52 0.63 0.00	27.90 0.76 0.00
BETHLHEM_115KV_TB1 79974	21.71 0.12 0.00	21.37 0.15 0.00	20.77 0.16 0.00	20.09 0.20 0.00	20.21 0.23 0.00	26.23 0.13 0.00	33.58 0.13 0.00	40.40 0.24 0.00	32.00 0.03 0.00	29.22 -0.09 0.00	22.77 -0.04 0.00	22.14 -0.02 0.00	23.15 -0.01 0.00	28.18 -0.04 0.00	32.09 -0.08 0.00	30.78 0.03 0.00	33.29 0.09 0.00	43.17 0.17 0.00	45.54 0.41 0.00	50.07 0.47 0.00	40.31 0.38 0.00	39.94 0.19 0.00	33.00 0.11 0.00	27.23 0.09 0.00
BETHPAGE_CC_5 323564	22.58 0.99 0.00	22.26 1.05 0.00	21.54 0.93 0.00	20.85 0.97 0.00	20.99 1.02 0.00	27.40 1.31 0.00	35.10 1.66 0.00	41.92 1.76 0.00	33.39 1.41 0.00	30.67 1.36 0.00	24.13 1.31 0.00	23.52 1.36 0.00	24.61 1.45 0.00	29.83 1.60 0.00	34.01 1.84 0.00	32.32 1.57 0.00	34.79 1.60 0.00	44.71 1.71 0.00	47.08 1.95 0.00	51.74 2.13 0.00	41.48 1.56 0.00	41.28 1.54 0.00	34.33 1.44 0.00	28.30 1.16 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.95 0.37 0.00	21.47 0.25 0.00	20.82 0.21 0.00	19.94 0.06 0.00	20.01 0.03 0.00	26.84 0.74 0.00	34.13 0.68 0.00	40.35 0.19 0.00	32.52 0.55 0.00	30.26 0.95 0.00	23.56 0.75 0.00	22.89 0.73 0.00	23.89 0.72 0.00	29.24 1.01 0.00	33.37 1.21 0.00	31.61 0.87 0.00	33.74 0.55 0.00	43.63 0.63 0.00	45.64 0.51 0.00	50.08 0.48 0.00	40.40 0.48 0.00	40.51 0.77 0.00	33.72 0.83 0.00	28.04 0.89 0.00

BINGHAMTON___COGEN 23790	21.68 0.10 0.00	21.29 0.07 0.00	20.65 0.03 0.00	19.93 0.04 0.00	20.02 0.03 0.00	26.40 0.30 0.00	33.81 0.37 0.00	40.57 0.41 0.00	32.37 0.40 0.00	29.88 0.57 0.00	23.21 0.40 0.00	22.61 0.44 0.00	23.64 0.48 0.00	28.85 0.63 0.00	32.82 0.66 0.00	31.30 0.52 -0.04	33.75 0.56 0.00	44.40 0.73 -0.68	46.73 0.82 -0.79	51.52 0.82 -1.09	40.58 0.66 0.00	40.47 0.71 -0.02	33.48 0.59 0.00	27.63 0.49 0.00
BIXINCNT_115KV_LOAD 355685	22.02 0.43 0.00	21.53 0.32 0.00	20.84 0.23 0.00	19.94 0.05 0.00	20.04 0.06 0.00	27.02 0.92 0.00	34.53 1.09 0.00	40.92 0.76 0.00	33.01 1.03 0.00	30.66 1.36 0.00	23.84 1.02 0.00	23.19 1.03 0.00	24.20 1.04 0.00	29.60 1.38 0.00	33.66 1.50 0.00	31.85 1.10 0.00	34.06 0.86 0.00	44.10 1.11 0.00	46.10 0.97 0.00	50.53 0.92 0.00	40.73 0.80 0.00	40.78 1.04 0.00	34.02 1.13 0.00	28.26 1.12 0.00
BLACK RIVER___HYD 24047	22.11 0.52 0.00	21.69 0.48 0.00	21.08 0.47 0.00	20.29 0.40 0.00	20.42 0.44 0.00	26.87 0.77 0.00	34.77 1.33 0.00	41.75 1.59 0.00	32.96 0.98 0.00	29.83 0.52 0.00	22.85 0.03 0.00	21.96 -0.21 0.00	22.66 -0.50 0.00	27.63 -0.59 0.00	31.60 -0.56 0.00	30.22 -0.60 -0.08	32.81 -0.39 0.00	44.37 -0.07 -1.45	47.48 0.67 -1.69	53.13 1.20 -2.32	41.76 1.84 0.00	41.45 1.67 -0.04	33.84 0.94 0.00	27.77 0.62 0.00
BLACKRVR_115KV_TB2 79977	22.11 0.52 0.00	21.69 0.48 0.00	21.08 0.47 0.00	20.29 0.40 0.00	20.42 0.44 0.00	26.87 0.77 0.00	34.77 1.33 0.00	41.75 1.59 0.00	32.96 0.98 0.00	29.83 0.52 0.00	22.85 0.03 0.00	21.96 -0.21 0.00	22.66 -0.50 0.00	27.63 -0.59 0.00	31.60 -0.56 0.00	30.22 -0.60 -0.08	32.81 -0.39 0.00	44.37 -0.07 -1.45	47.49 0.67 -1.69	53.13 1.20 -2.32	41.76 1.84 0.00	41.45 1.67 -0.04	33.84 0.95 0.00	27.77 0.63 0.00
BLISS_WT_PWR 323608	22.00 0.41 0.00	21.51 0.29 0.00	20.82 0.20 0.00	19.90 0.01 0.00	20.01 0.03 0.00	27.00 0.90 0.00	34.54 1.10 0.00	40.93 0.77 0.00	33.02 1.04 0.00	30.68 1.37 0.00	23.86 1.05 0.00	23.20 1.04 0.00	24.22 1.06 0.00	29.63 1.40 0.00	33.67 1.51 0.00	31.87 1.12 0.00	34.07 0.88 0.00	44.11 1.12 0.00	46.11 0.99 0.00	50.50 0.89 0.00	40.71 0.78 0.00	40.75 1.01 0.00	34.01 1.12 0.00	28.25 1.11 0.00
BLUESTONE___WT_PWR 323821	22.57 0.99 0.00	22.16 0.94 0.00	21.49 0.88 0.00	20.75 0.86 0.00	20.86 0.88 0.00	27.57 1.47 0.00	35.46 2.01 0.00	42.57 2.41 0.00	33.69 1.71 0.00	30.89 1.58 0.00	24.02 1.21 0.00	23.35 1.19 0.00	24.41 1.25 0.00	29.83 1.61 0.00	34.03 1.86 0.00	32.49 1.71 -0.03	35.01 1.81 0.00	46.42 2.86 -0.57	48.81 3.02 -0.67	53.57 3.05 -0.91	42.44 2.52 0.00	42.00 2.25 -0.02	34.33 1.44 0.00	28.37 1.22 0.00
BLUE_CIRC_CHEM_DRP 24182	21.94 0.35 0.00	21.60 0.39 0.00	21.01 0.39 0.00	20.31 0.42 0.00	20.42 0.44 0.00	26.53 0.43 0.00	33.95 0.51 0.00	40.83 0.67 0.00	32.33 0.35 0.00	29.50 0.19 0.00	22.97 0.15 0.00	22.28 0.12 0.00	23.23 0.07 0.00	28.24 0.01 0.00	32.11 -0.06 0.00	30.81 0.07 0.00	33.44 0.24 0.00	43.45 0.46 0.00	45.93 0.81 0.00	50.53 0.92 0.00	40.67 0.75 0.00	40.33 0.59 0.00	33.33 0.44 0.00	27.51 0.37 0.00
BOC_GAS_DRP 24189	21.83 0.25 0.00	21.50 0.28 0.00	20.90 0.29 0.00	20.21 0.32 0.00	20.32 0.34 0.00	26.40 0.30 0.00	33.78 0.34 0.00	40.62 0.45 0.00	32.22 0.25 0.00	29.45 0.14 0.00	22.96 0.15 0.00	22.33 0.17 0.00	23.36 0.20 0.00	28.43 0.21 0.00	32.36 0.20 0.00	31.00 0.25 0.00	33.49 0.29 0.00	43.37 0.38 0.00	45.70 0.57 0.00	50.25 0.64 0.00	40.46 0.53 0.00	40.15 0.41 0.00	33.20 0.31 0.00	27.40 0.25 0.00
BOONVILLE_115KV_TB1 79983	22.12 0.53 0.00	21.72 0.50 0.00	21.09 0.47 0.00	20.33 0.44 0.00	20.45 0.46 0.00	26.80 0.71 0.00	34.53 1.08 0.00	41.48 1.32 0.00	32.89 0.92 0.00	30.01 0.70 0.00	23.19 0.38 0.00	22.49 0.32 0.00	23.37 0.21 0.00	28.51 0.28 0.00	32.55 0.39 0.00	31.15 0.38 -0.02	33.78 0.59 0.00	44.37 0.96 -0.41	46.86 1.26 -0.48	51.86 1.59 -0.66	41.39 1.47 0.00	41.11 1.36 -0.01	33.82 0.93 0.00	27.81 0.67 0.00
BORALEX_4TH_BRANCH 23824	22.47 0.88 0.00	22.14 0.92 0.00	21.51 0.89 0.00	20.86 0.97 0.00	21.00 1.02 0.00	27.07 0.97 0.00	34.49 1.05 0.00	41.57 1.41 0.00	32.74 0.76 0.00	29.66 0.35 0.00	23.10 0.28 0.00	22.40 0.24 0.00	23.48 0.32 0.00	28.53 0.31 0.00	32.47 0.31 0.00	31.27 0.53 0.00	33.72 0.52 0.00	43.86 0.86 0.00	46.53 1.41 0.00	51.23 1.62 0.00	41.39 1.47 0.00	40.98 1.24 0.00	33.88 1.00 0.00	28.01 0.87 0.00
BOWLINE___1 23526	22.23 0.64 0.00	21.85 0.63 0.00	21.17 0.56 0.00	20.50 0.61 0.00	20.60 0.62 0.00	26.91 0.81 0.00	34.54 1.09 0.00	41.44 1.28 0.00	32.90 0.93 0.00	30.17 0.86 0.00	23.58 0.77 0.00	23.05 0.89 0.00	24.21 1.04 0.00	29.48 1.26 0.00	33.47 1.31 0.00	31.94 1.19 0.00	34.48 1.29 0.00	44.55 1.55 0.00	46.83 1.71 0.00	51.47 1.86 0.00	41.27 1.34 0.00	40.90 1.16 0.00	33.84 0.95 0.00	27.91 0.77 0.00
BOWLINE___2 23595	22.23 0.64 0.00	21.85 0.63 0.00	21.17 0.56 0.00	20.50 0.61 0.00	20.60 0.62 0.00	26.91 0.81 0.00	34.54 1.09 0.00	41.44 1.28 0.00	32.90 0.93 0.00	30.17 0.86 0.00	23.58 0.77 0.00	23.05 0.89 0.00	24.21 1.04 0.00	29.48 1.26 0.00	33.47 1.31 0.00	31.94 1.19 0.00	34.48 1.29 0.00	44.55 1.55 0.00	46.83 1.71 0.00	51.47 1.86 0.00	41.27 1.35 0.00	40.90 1.16 0.00	33.84 0.95 0.00	27.91 0.77 0.00
BRADY___115KV_TB2 356060	22.09 0.50 0.00	21.68 0.46 0.00	21.07 0.45 0.00	20.26 0.37 0.00	20.33 0.34 0.00	26.58 0.48 0.00	34.15 0.70 0.00	40.95 0.79 0.00	32.42 0.45 0.00	29.41 0.10 0.00	22.85 0.04 0.00	22.11 -0.05 0.00	23.00 -0.16 0.00	27.95 -0.27 0.00	31.96 -0.20 0.00	30.61 -0.14 0.00	32.98 -0.21 0.00	42.87 -0.13 0.00	45.20 0.08 0.00	49.87 0.27 0.00	40.26 0.34 0.00	40.36 0.62 0.00	33.44 0.55 0.00	27.63 0.48 0.00
BRANSCOMB___SOLAR 323811	22.56 0.97 0.00	22.19 0.97 0.00	21.54 0.92 0.00	20.85 0.96 0.00	21.00 1.02 0.00	27.31 1.21 0.00	34.92 1.47 0.00	42.05 1.88 0.00	33.22 1.25 0.00	30.22 0.91 0.00	23.47 0.66 0.00	22.72 0.56 0.00	23.75 0.59 0.00	28.89 0.66 0.00	32.95 0.79 0.00	31.79 1.04 0.00	34.50 1.30 0.00	44.97 1.98 0.00	47.59 2.46 0.00	52.39 2.78 0.00	42.13 2.21 0.00	41.67 1.93 0.00	34.37 1.48 0.00	28.35 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.71 1.13 0.00	22.43 1.21 0.00	21.69 1.08 0.00	21.01 1.12 0.00	21.16 1.18 0.00	27.61 1.52 0.00	35.42 1.97 0.00	42.18 2.02 0.00	33.59 1.61 0.00	30.84 1.53 0.00	24.31 1.49 0.00	23.66 1.49 0.00	24.73 1.57 0.00	29.92 1.70 0.00	34.12 1.96 0.00	32.51 1.76 0.00	35.02 1.82 0.00	44.85 1.86 0.00	47.32 2.20 0.00	52.15 2.54 0.00	41.82 1.90 0.00	41.57 1.83 0.00	34.51 1.62 0.00	28.44 1.30 0.00



BRISTLHL_115KV_TB1 79998	21.18 -0.41 0.00	20.78 -0.44 0.00	20.17 -0.44 0.00	19.46 -0.42 0.00	19.56 -0.42 0.00	25.66 -0.44 0.00	32.93 -0.52 0.00	39.52 -0.64 0.00	31.36 -0.61 0.00	28.82 -0.49 0.00	22.46 -0.35 0.00	21.83 -0.33 0.00	22.77 -0.39 0.00	27.78 -0.44 0.00	31.70 -0.47 0.00	30.42 -0.50 -0.17	32.70 -0.49 0.00	45.55 -0.61 -3.16	48.27 -0.56 -3.70	54.10 -0.58 -5.08	39.46 -0.47 0.00	39.31 -0.51 -0.08	32.45 -0.44 0.00	26.75 -0.40 0.00
BROOKHAVEN___DRP 24191	22.28 0.70 0.00	22.16 0.94 0.00	21.43 0.82 0.00	20.77 0.88 0.00	20.95 0.97 0.00	27.05 0.95 0.00	34.61 1.16 0.00	41.14 0.98 0.00	32.72 0.74 0.00	30.02 0.71 0.00	23.72 0.91 0.00	23.07 0.90 0.00	24.05 0.88 0.00	29.10 0.88 0.00	33.21 1.05 0.00	31.59 0.84 0.00	34.10 0.91 0.00	43.93 0.93 0.00	46.60 1.48 0.00	50.99 1.38 0.00	40.99 1.07 0.00	40.69 0.95 0.00	33.69 0.80 0.00	27.86 0.71 0.00
BROOKLYN_NAVY_YARD 23515	22.59 1.00 0.00	22.22 1.00 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.30 1.20 0.00	35.01 1.57 0.00	42.00 1.84 0.00	33.41 1.44 0.00	30.70 1.39 0.00	24.04 1.22 0.00	23.50 1.34 0.00	24.65 1.49 0.00	29.99 1.77 0.00	34.06 1.90 0.00	32.50 1.75 0.00	35.03 1.83 0.00	45.09 2.09 0.00	47.38 2.26 0.00	52.10 2.49 0.00	41.80 1.87 0.00	41.46 1.72 0.00	34.31 1.42 0.00	28.34 1.20 0.00
BROOKLYN___ARMY_DRP 323595	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
BROOKVLE_69_KV_TB1 55790	22.69 1.11 0.00	22.36 1.14 0.00	21.64 1.03 0.00	20.95 1.06 0.00	21.09 1.11 0.00	27.53 1.44 0.00	35.33 1.88 0.00	42.27 2.11 0.00	33.67 1.69 0.00	30.92 1.62 0.00	24.31 1.49 0.00	23.70 1.53 0.00	24.82 1.66 0.00	30.13 1.90 0.00	34.36 2.19 0.00	32.72 1.97 0.00	35.24 2.05 0.00	45.15 2.16 0.00	47.52 2.40 0.00	52.20 2.60 0.00	41.85 1.92 0.00	41.70 1.95 0.00	34.56 1.67 0.00	28.49 1.35 0.00
BROOME_2_LFGE 323671	21.68 0.10 0.00	21.29 0.07 0.00	20.65 0.03 0.00	19.93 0.04 0.00	20.02 0.03 0.00	26.40 0.30 0.00	33.81 0.37 0.00	40.57 0.41 0.00	32.37 0.40 0.00	29.88 0.57 0.00	23.21 0.40 0.00	22.61 0.44 0.00	23.64 0.48 0.00	28.85 0.63 0.00	32.82 0.66 0.00	31.30 0.52 -0.04	33.75 0.56 0.00	44.41 0.73 -0.68	46.73 0.81 -0.79	51.51 0.82 -1.09	40.58 0.66 0.00	40.46 0.71 -0.02	33.48 0.59 0.00	27.63 0.49 0.00
BROOME___LFGE 323600	21.68 0.10 0.00	21.29 0.07 0.00	20.65 0.03 0.00	19.93 0.04 0.00	20.02 0.03 0.00	26.40 0.30 0.00	33.81 0.37 0.00	40.57 0.41 0.00	32.37 0.40 0.00	29.88 0.57 0.00	23.21 0.40 0.00	22.61 0.44 0.00	23.64 0.48 0.00	28.85 0.63 0.00	32.82 0.66 0.00	31.30 0.52 -0.04	33.75 0.56 0.00	44.41 0.73 -0.68	46.73 0.81 -0.79	51.51 0.82 -1.09	40.58 0.66 0.00	40.46 0.71 -0.02	33.48 0.59 0.00	27.63 0.49 0.00
BROWNFLS_115KV_TB 3_5 80003	22.07 0.49 0.00	21.66 0.44 0.00	21.05 0.43 0.00	20.25 0.36 0.00	20.35 0.37 0.00	26.65 0.55 0.00	34.35 0.90 0.00	41.16 1.00 0.00	32.50 0.53 0.00	29.50 0.19 0.00	22.78 -0.03 0.00	21.97 -0.19 0.00	22.74 -0.42 0.00	27.64 -0.58 0.00	31.64 -0.53 0.00	30.26 -0.52 -0.03	32.72 -0.48 0.00	43.20 -0.39 -0.59	45.72 -0.09 -0.70	50.77 0.21 -0.95	40.63 0.70 0.00	40.58 0.83 -0.02	33.46 0.57 0.00	27.60 0.45 0.00
BROWNSV1_27_KV_LOAD 356125	22.75 1.16 0.00	22.37 1.15 0.00	21.69 1.08 0.00	21.00 1.11 0.00	21.11 1.12 0.00	27.51 1.42 0.00	35.31 1.86 0.00	42.39 2.22 0.00	33.73 1.76 0.00	31.00 1.69 0.00	24.26 1.45 0.00	23.72 1.56 0.00	24.90 1.73 0.00	30.29 2.07 0.00	34.41 2.25 0.00	32.83 2.08 0.00	35.37 2.18 0.00	45.53 2.54 0.00	47.84 2.71 0.00	52.59 2.98 0.00	42.18 2.25 0.00	41.85 2.11 0.00	34.61 1.72 0.00	28.58 1.43 0.00
BURROWS___LYONSDAL 23803	22.14 0.55 0.00	21.73 0.51 0.00	21.11 0.49 0.00	20.35 0.46 0.00	20.46 0.48 0.00	26.84 0.74 0.00	34.59 1.14 0.00	41.55 1.39 0.00	32.90 0.92 0.00	29.98 0.67 0.00	23.14 0.33 0.00	22.40 0.24 0.00	23.25 0.09 0.00	28.35 0.13 0.00	32.39 0.23 0.00	30.99 0.22 -0.03	33.61 0.41 0.00	44.26 0.77 -0.50	46.83 1.12 -0.58	51.91 1.51 -0.80	41.43 1.51 0.00	41.14 1.39 -0.01	33.80 0.91 0.00	27.79 0.65 0.00
CAITHNESS_CC_1 323624	22.31 0.72 0.00	22.17 0.95 0.00	21.43 0.82 0.00	20.77 0.88 0.00	20.95 0.97 0.00	27.09 0.99 0.00	34.66 1.21 0.00	41.22 1.06 0.00	32.78 0.81 0.00	30.08 0.77 0.00	23.77 0.96 0.00	23.12 0.96 0.00	24.13 0.96 0.00	29.18 0.95 0.00	33.30 1.13 0.00	31.66 0.91 0.00	34.17 0.97 0.00	43.98 0.98 0.00	46.60 1.48 0.00	51.04 1.43 0.00	41.00 1.08 0.00	40.74 1.00 0.00	33.75 0.86 0.00	27.89 0.74 0.00
CALPINE BETH_PAGE_GT4 24209	22.62 1.03 0.00	22.29 1.07 0.00	21.57 0.95 0.00	20.88 0.99 0.00	21.02 1.04 0.00	27.45 1.35 0.00	35.18 1.73 0.00	42.03 1.86 0.00	33.47 1.49 0.00	30.73 1.42 0.00	24.17 1.36 0.00	23.56 1.39 0.00	24.66 1.49 0.00	29.89 1.67 0.00	34.08 1.92 0.00	32.35 1.60 0.00	34.83 1.64 0.00	44.76 1.77 0.00	47.13 2.00 0.00	51.80 2.19 0.00	41.53 1.61 0.00	41.32 1.58 0.00	34.39 1.50 0.00	28.36 1.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.62 1.03 0.00	22.29 1.07 0.00	21.57 0.96 0.00	20.88 0.99 0.00	21.02 1.04 0.00	27.45 1.35 0.00	35.18 1.73 0.00	42.03 1.87 0.00	33.47 1.49 0.00	30.73 1.42 0.00	24.17 1.36 0.00	23.56 1.40 0.00	24.66 1.50 0.00	29.89 1.67 0.00	34.08 1.92 0.00	32.35 1.60 0.00	34.83 1.63 0.00	44.76 1.77 0.00	47.13 2.00 0.00	51.79 2.19 0.00	41.53 1.61 0.00	41.32 1.58 0.00	34.39 1.50 0.00	28.36 1.21 0.00
CALPINE_BP_GT1 23823	22.62 1.03 0.00	22.29 1.07 0.00	21.57 0.96 0.00	20.88 0.99 0.00	21.02 1.04 0.00	27.45 1.35 0.00	35.18 1.73 0.00	42.03 1.87 0.00	33.47 1.49 0.00	30.73 1.42 0.00	24.17 1.36 0.00	23.56 1.40 0.00	24.66 1.50 0.00	29.89 1.67 0.00	34.08 1.92 0.00	32.35 1.60 0.00	34.83 1.63 0.00	44.76 1.77 0.00	47.13 2.00 0.00	51.79 2.19 0.00	41.53 1.61 0.00	41.32 1.58 0.00	34.39 1.50 0.00	28.36 1.21 0.00
CALSPAN___DRP 24200	21.89 0.30 0.00	21.42 0.20 0.00	20.77 0.16 0.00	19.90 0.01 0.00	19.96 -0.02 0.00	26.78 0.68 0.00	34.01 0.56 0.00	40.11 -0.06 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.74 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.16 1.00 0.00	31.42 0.67 0.00	33.52 0.32 0.00	43.31 0.31 0.00	45.31 0.19 0.00	49.74 0.13 0.00	40.14 0.22 0.00	40.27 0.53 0.00	33.52 0.63 0.00	27.90 0.76 0.00

CALVERTON___SOLAR 323806	22.27 0.69 0.00	22.18 0.96 0.00	21.44 0.84 0.00	20.78 0.89 0.00	20.97 0.99 0.00	27.05 0.95 0.00	34.59 1.14 0.00	41.13 0.97 0.00	32.69 0.72 0.00	29.99 0.68 0.00	23.71 0.90 0.00	23.04 0.88 0.00	24.02 0.85 0.00	29.05 0.83 0.00	33.17 1.01 0.00	31.55 0.80 0.00	34.08 0.88 0.00	43.93 0.93 0.00	46.65 1.53 0.00	51.01 1.40 0.00	41.00 1.08 0.00	40.69 0.95 0.00	33.67 0.78 0.00	27.86 0.71 0.00
CANDIGU_WT_PWR 323617	21.70 0.11 0.00	21.26 0.04 0.00	20.59 -0.02 0.00	19.83 -0.06 0.00	19.91 -0.07 0.00	26.57 0.47 0.00	33.91 0.46 0.00	40.58 0.42 0.00	32.48 0.50 0.00	30.13 0.82 0.00	23.41 0.60 0.00	22.79 0.62 0.00	23.80 0.64 0.00	29.11 0.88 0.00	33.13 0.97 0.00	31.46 0.70 -0.02	33.78 0.58 0.00	44.15 0.78 -0.38	46.38 0.82 -0.44	51.05 0.83 -0.61	40.60 0.67 0.00	40.57 0.82 -0.01	33.67 0.78 0.00	27.87 0.73 0.00
CARR STREET_E_SYR 24060	21.37 -0.22 0.00	20.97 -0.24 0.00	20.35 -0.26 0.00	19.64 -0.25 0.00	19.73 -0.25 0.00	25.91 -0.19 0.00	33.25 -0.20 0.00	39.89 -0.27 0.00	31.84 -0.13 0.00	29.30 -0.01 0.00	22.74 -0.08 0.00	22.09 -0.08 0.00	23.08 -0.08 0.00	28.17 -0.05 0.00	32.12 -0.05 0.00	30.69 -0.11 -0.05	33.04 -0.15 0.00	43.74 -0.21 -0.95	46.07 -0.17 -1.12	50.92 -0.22 -1.53	39.73 -0.19 0.00	39.54 -0.22 -0.03	32.78 -0.11 0.00	27.02 -0.12 0.00
CARTHAGE___PAPER 23857	22.27 0.69 0.00	21.86 0.64 0.00	21.23 0.62 0.00	20.43 0.55 0.00	20.56 0.58 0.00	27.02 0.93 0.00	34.96 1.51 0.00	41.96 1.79 0.00	33.08 1.11 0.00	29.91 0.60 0.00	22.89 0.08 0.00	21.89 -0.28 0.00	22.41 -0.76 0.00	27.32 -0.90 0.00	31.33 -0.83 0.00	29.88 -0.93 -0.07	32.50 -0.70 0.00	43.71 -0.51 -1.22	46.69 0.14 -1.43	52.27 0.71 -1.95	41.79 1.87 0.00	41.55 1.78 -0.03	33.98 1.09 0.00	27.91 0.76 0.00
CASSADAGA_WT_PWR 323784	22.28 0.70 0.00	21.76 0.55 0.00	21.08 0.46 0.00	20.28 0.39 0.00	20.36 0.38 0.00	27.42 1.32 0.00	35.05 1.60 0.00	41.48 1.32 0.00	33.39 1.41 0.00	31.26 1.95 0.00	24.22 1.41 0.00	23.70 1.54 0.00	24.83 1.67 0.00	30.42 2.20 0.00	34.63 2.47 0.00	32.73 1.99 0.00	35.06 1.86 0.00	45.36 2.37 0.00	47.45 2.32 0.00	52.07 2.46 0.00	41.97 2.04 0.00	42.06 2.32 0.00	34.89 2.00 0.00	28.81 1.67 0.00
CE_DUNWOOD___DRP 24194	22.45 0.86 0.00	22.07 0.85 0.00	21.40 0.79 0.00	20.72 0.83 0.00	20.83 0.85 0.00	27.15 1.05 0.00	34.82 1.37 0.00	41.82 1.66 0.00	33.25 1.27 0.00	30.49 1.18 0.00	23.86 1.04 0.00	23.30 1.14 0.00	24.43 1.27 0.00	29.74 1.51 0.00	33.80 1.64 0.00	32.25 1.51 0.00	34.80 1.60 0.00	44.88 1.89 0.00	47.20 2.07 0.00	51.86 2.26 0.00	41.62 1.69 0.00	41.26 1.52 0.00	34.14 1.25 0.00	28.17 1.03 0.00
CE_MILLWOOD___DRP 24193	22.40 0.81 0.00	22.03 0.82 0.00	21.36 0.75 0.00	20.68 0.80 0.00	20.79 0.81 0.00	27.10 1.00 0.00	34.75 1.30 0.00	41.74 1.57 0.00	33.17 1.20 0.00	30.42 1.11 0.00	23.79 0.98 0.00	23.24 1.07 0.00	24.38 1.22 0.00	29.67 1.44 0.00	33.71 1.55 0.00	32.18 1.44 0.00	34.72 1.53 0.00	44.80 1.80 0.00	47.11 1.98 0.00	51.78 2.17 0.00	41.55 1.62 0.00	41.19 1.45 0.00	34.07 1.18 0.00	28.12 0.97 0.00
CE_NYC2_DRP 24202	22.62 1.03 0.00	22.24 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.23 0.00	35.08 1.64 0.00	42.13 1.97 0.00	33.53 1.56 0.00	30.80 1.49 0.00	24.12 1.31 0.00	23.58 1.41 0.00	24.73 1.57 0.00	30.08 1.86 0.00	34.17 2.01 0.00	32.59 1.84 0.00	35.11 1.92 0.00	45.19 2.19 0.00	47.47 2.35 0.00	52.19 2.58 0.00	41.89 1.97 0.00	41.58 1.83 0.00	34.41 1.52 0.00	28.39 1.25 0.00
CE_NYC_DRP 24195	22.63 1.04 0.00	22.25 1.03 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.00 1.02 0.00	27.36 1.27 0.00	35.11 1.66 0.00	42.11 1.95 0.00	33.51 1.53 0.00	30.79 1.48 0.00	24.11 1.30 0.00	23.57 1.41 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.17 2.01 0.00	32.59 1.85 0.00	35.14 1.94 0.00	45.22 2.22 0.00	47.53 2.40 0.00	52.22 2.62 0.00	41.90 1.97 0.00	41.56 1.82 0.00	34.39 1.50 0.00	28.40 1.26 0.00
CHAFFEE___LFGE 323603	21.97 0.38 0.00	21.49 0.28 0.00	20.84 0.23 0.00	19.96 0.08 0.00	20.03 0.05 0.00	26.86 0.77 0.00	34.16 0.72 0.00	40.29 0.12 0.00	32.48 0.50 0.00	30.22 0.91 0.00	23.51 0.70 0.00	22.86 0.69 0.00	23.85 0.69 0.00	29.19 0.97 0.00	33.33 1.16 0.00	31.58 0.83 0.00	33.71 0.52 0.00	43.60 0.60 0.00	45.62 0.50 0.00	50.07 0.46 0.00	40.36 0.43 0.00	40.54 0.80 0.00	33.71 0.81 0.00	28.02 0.87 0.00
CHATEAUG_35_KV_LOAD 355732	22.71 1.12 0.00	22.25 1.03 0.00	21.51 0.90 0.00	20.69 0.80 0.00	20.79 0.81 0.00	26.82 0.73 0.00	34.22 0.78 0.00	41.46 1.30 0.00	33.05 1.07 0.00	30.15 0.84 0.00	23.48 0.67 0.00	22.41 0.24 0.00	23.21 0.05 0.00	28.20 -0.02 0.00	32.20 0.04 0.00	30.92 0.17 0.00	33.40 0.20 0.00	43.37 0.38 0.00	45.08 -0.04 0.00	49.40 -0.21 0.00	39.80 -0.13 0.00	39.79 0.05 0.00	32.94 0.05 0.00	27.15 0.01 0.00
CHATEAUG_WT_PWR 323614	22.59 1.00 0.00	22.13 0.91 0.00	21.40 0.79 0.00	20.58 0.69 0.00	20.67 0.69 0.00	26.65 0.55 0.00	33.87 0.42 0.00	40.98 0.82 0.00	32.74 0.76 0.00	29.92 0.61 0.00	23.35 0.54 0.00	22.53 0.37 0.00	23.60 0.44 0.00	28.57 0.35 0.00	32.61 0.45 0.00	31.45 0.71 0.00	34.00 0.81 0.00	44.19 1.20 0.00	45.60 0.48 0.00	49.56 -0.05 0.00	40.04 0.12 0.00	39.89 0.15 0.00	33.12 0.22 0.00	27.25 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	22.71 1.12 0.00	22.25 1.03 0.00	21.51 0.90 0.00	20.69 0.80 0.00	20.79 0.81 0.00	26.82 0.73 0.00	34.22 0.78 0.00	41.46 1.30 0.00	33.05 1.07 0.00	30.15 0.84 0.00	23.48 0.67 0.00	22.41 0.24 0.00	23.21 0.05 0.00	28.20 -0.02 0.00	32.20 0.04 0.00	30.92 0.17 0.00	33.40 0.20 0.00	43.37 0.38 0.00	45.08 -0.04 0.00	49.40 -0.21 0.00	39.80 -0.13 0.00	39.79 0.05 0.00	32.94 0.05 0.00	27.15 0.01 0.00
CHAUTAUQUA___LFGE 323629	22.04 0.45 0.00	21.54 0.32 0.00	20.86 0.25 0.00	20.05 0.16 0.00	20.13 0.15 0.00	27.07 0.97 0.00	34.32 0.87 0.00	40.38 0.22 0.00	32.55 0.57 0.00	30.48 1.17 0.00	23.66 0.85 0.00	23.11 0.95 0.00	24.21 1.05 0.00	29.64 1.41 0.00	33.75 1.59 0.00	31.91 1.17 0.00	34.19 0.99 0.00	44.19 1.19 0.00	46.25 1.12 0.00	50.70 1.10 0.00	40.91 0.99 0.00	41.07 1.33 0.00	34.12 1.23 0.00	28.25 1.11 0.00
CHERRYST_13_KV_LD 356241	22.68 1.09 0.00	22.30 1.08 0.00	21.62 1.01 0.00	20.94 1.05 0.00	21.05 1.07 0.00	27.43 1.34 0.00	35.20 1.76 0.00	42.24 2.08 0.00	33.62 1.65 0.00	30.90 1.59 0.00	24.19 1.38 0.00	23.66 1.49 0.00	24.82 1.66 0.00	30.21 1.99 0.00	34.30 2.13 0.00	32.71 1.96 0.00	35.26 2.07 0.00	45.38 2.39 0.00	47.68 2.55 0.00	52.37 2.77 0.00	42.01 2.09 0.00	41.67 1.93 0.00	34.47 1.58 0.00	28.48 1.34 0.00

CHESTROR_138KV_BK263 355645	22.18 0.59 0.00	21.80 0.58 0.00	21.14 0.53 0.00	20.46 0.57 0.00	20.56 0.58 0.00	26.84 0.74 0.00	34.42 0.97 0.00	41.33 1.17 0.00	32.83 0.86 0.00	30.09 0.78 0.00	23.51 0.69 0.00	22.94 0.78 0.00	24.06 0.89 0.00	29.29 1.06 0.00	33.28 1.12 0.00	31.79 1.04 0.00	34.35 1.15 0.00	44.40 1.40 0.00	46.69 1.57 0.00	51.31 1.71 0.00	41.20 1.27 0.00	40.84 1.10 0.00	33.77 0.88 0.00	27.86 0.72 0.00
CH_MIDHUDSON___DRP 24192	22.35 0.76 0.00	21.99 0.77 0.00	21.33 0.73 0.00	20.66 0.77 0.00	20.76 0.78 0.00	27.04 0.94 0.00	34.64 1.20 0.00	41.67 1.51 0.00	33.10 1.12 0.00	30.30 0.99 0.00	23.68 0.86 0.00	23.10 0.94 0.00	24.23 1.06 0.00	29.50 1.28 0.00	33.55 1.39 0.00	32.07 1.33 0.00	34.65 1.45 0.00	44.77 1.77 0.00	47.10 1.98 0.00	51.78 2.17 0.00	41.58 1.66 0.00	41.19 1.45 0.00	34.05 1.16 0.00	28.08 0.94 0.00
CH_MISC_IPPS 23765	22.48 0.89 0.00	22.11 0.89 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.86 0.88 0.00	27.21 1.11 0.00	34.90 1.45 0.00	41.96 1.80 0.00	33.33 1.36 0.00	30.54 1.23 0.00	23.85 1.04 0.00	23.26 1.09 0.00	24.41 1.25 0.00	29.73 1.51 0.00	33.82 1.66 0.00	32.34 1.59 0.00	34.93 1.73 0.00	45.15 2.16 0.00	47.51 2.38 0.00	52.21 2.61 0.00	41.90 1.98 0.00	41.51 1.77 0.00	34.29 1.40 0.00	28.26 1.12 0.00
CH_RES_BVR_FALLS 23983	21.59 0.00 0.00	21.21 -0.01 0.00	20.60 -0.01 0.00	19.84 -0.05 0.00	19.92 -0.06 0.00	26.01 -0.09 0.00	33.35 -0.10 0.00	40.04 -0.13 0.00	31.86 -0.11 0.00	29.17 -0.14 0.00	22.72 -0.10 0.00	22.03 -0.14 0.00	22.98 -0.18 0.00	28.00 -0.22 0.00	31.95 -0.21 0.00	30.57 -0.17 0.00	32.98 -0.21 0.00	42.69 -0.31 0.00	44.74 -0.39 0.00	49.18 -0.42 0.00	39.61 -0.31 0.00	39.53 -0.21 0.00	32.69 -0.20 0.00	26.94 -0.21 0.00
CH_RES_NIAGARA 23895	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.13 0.00	28.18 -0.05 0.00	32.21 0.04 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.75 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
CH_RES_SYRACUSE 23985	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.19 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.07 -0.09 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00
CLINTON_WT_PWR 323605	22.59 1.00 0.00	22.13 0.91 0.00	21.40 0.79 0.00	20.58 0.69 0.00	20.67 0.69 0.00	26.65 0.55 0.00	33.87 0.42 0.00	40.98 0.82 0.00	32.74 0.76 0.00	29.92 0.61 0.00	23.35 0.54 0.00	22.53 0.37 0.00	23.60 0.44 0.00	28.57 0.35 0.00	32.61 0.45 0.00	31.45 0.71 0.00	34.00 0.81 0.00	44.19 1.20 0.00	45.60 0.48 0.00	49.56 -0.05 0.00	40.04 0.12 0.00	39.89 0.15 0.00	33.12 0.22 0.00	27.25 0.11 0.00
CLINTON___LFGE 323618	22.71 1.12 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.68 0.79 0.00	20.77 0.79 0.00	26.81 0.71 0.00	34.22 0.77 0.00	41.44 1.28 0.00	33.03 1.05 0.00	30.12 0.81 0.00	23.47 0.65 0.00	22.52 0.36 0.00	23.59 0.43 0.00	28.60 0.37 0.00	32.66 0.50 0.00	31.48 0.74 0.00	34.03 0.84 0.00	44.27 1.28 0.00	45.85 0.72 0.00	49.99 0.38 0.00	40.35 0.42 0.00	40.20 0.46 0.00	33.35 0.46 0.00	27.45 0.30 0.00
COBBLENY_34_KV_TB1 80064	21.97 0.38 0.00	21.49 0.28 0.00	20.85 0.23 0.00	19.96 0.08 0.00	20.03 0.05 0.00	26.86 0.77 0.00	34.16 0.72 0.00	40.29 0.13 0.00	32.48 0.51 0.00	30.22 0.91 0.00	23.51 0.70 0.00	22.85 0.69 0.00	23.85 0.69 0.00	29.20 0.97 0.00	33.33 1.16 0.00	31.58 0.84 0.00	33.71 0.52 0.00	43.60 0.60 0.00	45.63 0.50 0.00	50.09 0.48 0.00	40.36 0.43 0.00	40.54 0.80 0.00	33.71 0.82 0.00	28.02 0.87 0.00
COFFEEN___115KV_TB3 355620	22.20 0.62 0.00	21.78 0.56 0.00	21.16 0.55 0.00	20.37 0.48 0.00	20.50 0.52 0.00	27.00 0.90 0.00	34.98 1.53 0.00	42.00 1.84 0.00	33.14 1.17 0.00	29.96 0.65 0.00	22.90 0.09 0.00	22.00 -0.16 0.00	22.72 -0.44 0.00	27.71 -0.51 0.00	31.70 -0.46 0.00	30.31 -0.52 -0.08	32.96 -0.24 0.00	44.67 0.19 -1.49	47.96 1.10 -1.74	53.70 1.71 -2.38	42.11 2.19 0.00	41.77 1.99 -0.04	34.08 1.19 0.00	27.95 0.81 0.00
COLDSPRG_115KV_BK1 355956	22.41 0.82 0.00	21.91 0.69 0.00	21.20 0.59 0.00	20.41 0.52 0.00	20.51 0.53 0.00	27.63 1.53 0.00	35.53 2.09 0.00	42.30 2.14 0.00	34.04 2.07 0.00	31.75 2.43 0.00	24.59 1.78 0.00	24.03 1.87 0.00	25.11 1.94 0.00	30.71 2.49 0.00	34.91 2.75 0.00	32.96 2.21 0.00	35.35 2.15 0.00	45.78 2.79 0.00	47.87 2.75 0.00	52.56 2.95 0.00	42.33 2.41 0.00	42.37 2.63 0.00	35.21 2.32 0.00	29.14 2.00 0.00
COLONIE_LFGE___ 323577	22.23 0.64 0.00	21.87 0.65 0.00	21.24 0.63 0.00	20.57 0.69 0.00	20.70 0.72 0.00	26.86 0.77 0.00	34.33 0.88 0.00	41.34 1.18 0.00	32.67 0.70 0.00	29.75 0.44 0.00	23.17 0.35 0.00	22.49 0.33 0.00	23.53 0.36 0.00	28.62 0.39 0.00	32.60 0.44 0.00	31.33 0.59 0.00	33.90 0.70 0.00	44.04 1.05 0.00	46.55 1.43 0.00	51.24 1.63 0.00	41.26 1.34 0.00	40.85 1.10 0.00	33.75 0.86 0.00	27.87 0.73 0.00
COOPERNY_115KV_TB1 80082	21.98 0.40 0.00	21.62 0.40 0.00	20.97 0.36 0.00	20.28 0.39 0.00	20.38 0.40 0.00	26.62 0.52 0.00	34.12 0.67 0.00	40.97 0.81 0.00	32.57 0.60 0.00	29.86 0.55 0.00	23.30 0.49 0.00	22.73 0.57 0.00	23.82 0.66 0.00	29.01 0.79 0.00	32.99 0.82 0.00	31.49 0.75 0.00	34.01 0.82 0.00	43.98 0.98 0.00	46.22 1.10 0.00	50.80 1.19 0.00	40.81 0.89 0.00	40.51 0.77 0.00	33.51 0.62 0.00	27.65 0.51 0.00
COPENHAGEN_WT_PWR 323753	22.00 0.41 0.00	21.59 0.37 0.00	20.99 0.38 0.00	20.20 0.31 0.00	20.33 0.35 0.00	26.75 0.65 0.00	34.60 1.15 0.00	41.53 1.37 0.00	32.80 0.83 0.00	29.74 0.43 0.00	22.80 -0.01 0.00	21.93 -0.23 0.00	22.65 -0.51 0.00	27.64 -0.59 0.00	31.58 -0.58 0.00	30.22 -0.61 -0.08	32.74 -0.46 0.00	44.29 -0.26 -1.56	47.35 0.41 -1.82	52.98 0.87 -2.50	41.47 1.55 0.00	41.18 1.40 -0.04	33.58 0.69 0.00	27.57 0.42 0.00
CORNELL_____ 23752	21.98 0.39 0.00	21.55 0.34 0.00	20.90 0.29 0.00	20.17 0.28 0.00	20.28 0.29 0.00	26.72 0.62 0.00	34.33 0.88 0.00	41.26 1.10 0.00	32.87 0.90 0.00	30.24 0.93 0.00	23.41 0.60 0.00	22.67 0.50 0.00	23.66 0.50 0.00	28.93 0.70 0.00	33.02 0.85 0.00	31.49 0.71 -0.04	34.02 0.83 0.00	45.16 1.34 -0.82	47.73 1.64 -0.96	52.75 1.82 -1.32	41.32 1.39 0.00	41.08 1.32 -0.02	33.89 1.00 0.00	27.91 0.76 0.00

CORONA_69_KV_TB1 355595	22.65 1.07 0.00	22.31 1.09 0.00	21.59 0.98 0.00	20.91 1.02 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.23 1.79 0.00	42.16 2.00 0.00	33.54 1.56 0.00	30.81 1.50 0.00	24.21 1.40 0.00	23.61 1.45 0.00	24.70 1.54 0.00	29.96 1.73 0.00	34.21 2.05 0.00	32.60 1.86 0.00	35.14 1.95 0.00	45.20 2.21 0.00	47.58 2.46 0.00	52.30 2.70 0.00	41.89 1.96 0.00	41.62 1.87 0.00	34.46 1.57 0.00	28.45 1.30 0.00
CORTLAND_115KV_TB3 80093	21.77 0.18 0.00	21.36 0.14 0.00	20.73 0.11 0.00	20.00 0.11 0.00	20.10 0.12 0.00	26.44 0.34 0.00	33.94 0.50 0.00	40.77 0.61 0.00	32.49 0.51 0.00	29.90 0.59 0.00	23.17 0.36 0.00	22.50 0.34 0.00	23.50 0.34 0.00	28.70 0.48 0.00	32.71 0.54 0.00	31.26 0.46 -0.05	33.73 0.53 0.00	44.77 0.83 -0.95	47.25 1.01 -1.11	52.24 1.11 -1.52	40.77 0.85 0.00	40.57 0.81 -0.03	33.51 0.62 0.00	27.61 0.47 0.00
COXSACKIE___GT 23611	22.68 1.09 0.00	22.29 1.07 0.00	21.65 1.04 0.00	20.94 1.05 0.00	21.08 1.10 0.00	27.43 1.34 0.00	35.31 1.86 0.00	42.63 2.47 0.00	33.67 1.70 0.00	30.60 1.29 0.00	23.57 0.76 0.00	22.81 0.65 0.00	23.54 0.38 0.00	28.63 0.41 0.00	32.61 0.45 0.00	31.45 0.70 0.00	34.55 1.35 0.00	45.36 2.37 0.00	48.42 3.30 0.00	53.40 3.79 0.00	42.81 2.89 0.00	42.27 2.53 0.00	34.73 1.83 0.00	28.55 1.40 0.00
CPV_VALLEY___CC1 323721	22.03 0.44 0.00	21.66 0.45 0.00	21.00 0.39 0.00	20.32 0.43 0.00	20.43 0.45 0.00	26.65 0.56 0.00	34.17 0.72 0.00	41.02 0.86 0.00	32.59 0.62 0.00	29.87 0.56 0.00	23.35 0.53 0.00	22.79 0.63 0.00	23.89 0.73 0.00	29.08 0.85 0.00	33.05 0.89 0.00	31.56 0.81 0.00	34.08 0.89 0.00	44.05 1.06 0.00	46.32 1.20 0.00	50.90 1.29 0.00	40.87 0.95 0.00	40.52 0.78 0.00	33.52 0.63 0.00	27.67 0.52 0.00
CPV_VALLEY___CC2 323722	22.03 0.44 0.00	21.66 0.45 0.00	21.00 0.39 0.00	20.32 0.43 0.00	20.43 0.45 0.00	26.65 0.56 0.00	34.17 0.72 0.00	41.02 0.86 0.00	32.59 0.62 0.00	29.87 0.56 0.00	23.35 0.53 0.00	22.79 0.63 0.00	23.89 0.73 0.00	29.08 0.85 0.00	33.05 0.89 0.00	31.56 0.81 0.00	34.08 0.89 0.00	44.05 1.06 0.00	46.32 1.20 0.00	50.90 1.29 0.00	40.87 0.95 0.00	40.52 0.78 0.00	33.52 0.63 0.00	27.67 0.52 0.00
CRESCENT___HYD 24018	22.23 0.64 0.00	21.87 0.65 0.00	21.24 0.63 0.00	20.57 0.69 0.00	20.70 0.72 0.00	26.86 0.77 0.00	34.33 0.88 0.00	41.34 1.18 0.00	32.67 0.70 0.00	29.75 0.44 0.00	23.17 0.35 0.00	22.49 0.33 0.00	23.53 0.36 0.00	28.62 0.39 0.00	32.60 0.44 0.00	31.33 0.59 0.00	33.90 0.70 0.00	44.04 1.05 0.00	46.55 1.43 0.00	51.24 1.63 0.00	41.26 1.34 0.00	40.85 1.10 0.00	33.75 0.86 0.00	27.87 0.73 0.00
CRICKET___VALLEY_CC1 323756	22.14 0.56 0.00	21.79 0.57 0.00	21.16 0.55 0.00	20.50 0.62 0.00	20.62 0.64 0.00	26.80 0.70 0.00	34.24 0.80 0.00	41.25 1.09 0.00	32.71 0.74 0.00	29.85 0.54 0.00	23.33 0.52 0.00	22.78 0.62 0.00	23.89 0.73 0.00	29.06 0.84 0.00	33.04 0.88 0.00	31.60 0.86 0.00	34.18 0.98 0.00	44.22 1.22 0.00	46.57 1.45 0.00	51.24 1.63 0.00	41.16 1.24 0.00	40.74 1.00 0.00	33.67 0.77 0.00	27.77 0.63 0.00
CRICKET___VALLEY_CC2 323757	22.14 0.56 0.00	21.79 0.57 0.00	21.16 0.55 0.00	20.50 0.62 0.00	20.62 0.64 0.00	26.80 0.70 0.00	34.24 0.80 0.00	41.25 1.09 0.00	32.71 0.74 0.00	29.85 0.54 0.00	23.33 0.52 0.00	22.78 0.62 0.00	23.89 0.73 0.00	29.06 0.84 0.00	33.04 0.88 0.00	31.60 0.86 0.00	34.18 0.98 0.00	44.22 1.22 0.00	46.57 1.45 0.00	51.24 1.63 0.00	41.16 1.24 0.00	40.74 1.00 0.00	33.67 0.77 0.00	27.77 0.63 0.00
CRICKET___VALLEY_CC3 323758	22.14 0.56 0.00	21.79 0.57 0.00	21.16 0.55 0.00	20.50 0.62 0.00	20.62 0.64 0.00	26.80 0.70 0.00	34.24 0.80 0.00	41.25 1.09 0.00	32.71 0.74 0.00	29.85 0.54 0.00	23.33 0.52 0.00	22.78 0.62 0.00	23.89 0.73 0.00	29.06 0.84 0.00	33.04 0.88 0.00	31.60 0.86 0.00	34.18 0.98 0.00	44.22 1.22 0.00	46.57 1.45 0.00	51.24 1.63 0.00	41.16 1.24 0.00	40.74 1.00 0.00	33.67 0.77 0.00	27.77 0.63 0.00
CRUCIBLE_METL_DRP 24180	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.18 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.08 -0.08 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00
DAHOWA___HYDRO 323763	22.67 1.08 0.00	22.29 1.07 0.00	21.63 1.02 0.00	20.94 1.05 0.00	21.10 1.12 0.00	27.46 1.36 0.00	35.10 1.65 0.00	42.27 2.11 0.00	33.40 1.42 0.00	30.38 1.07 0.00	23.60 0.79 0.00	22.83 0.67 0.00	23.88 0.72 0.00	29.02 0.80 0.00	33.12 0.96 0.00	31.97 1.23 0.00	34.74 1.55 0.00	45.31 2.31 0.00	47.94 2.81 0.00	52.77 3.17 0.00	42.44 2.51 0.00	41.92 2.18 0.00	34.56 1.67 0.00	28.52 1.37 0.00
DANC___LFGE 323619	21.69 0.10 0.00	21.29 0.07 0.00	20.68 0.07 0.00	19.92 0.03 0.00	20.04 0.06 0.00	26.34 0.24 0.00	33.98 0.53 0.00	40.78 0.61 0.00	32.30 0.33 0.00	29.42 0.11 0.00	22.64 -0.17 0.00	21.85 -0.31 0.00	22.68 -0.48 0.00	27.67 -0.56 0.00	31.58 -0.59 0.00	30.21 -0.64 -0.10	32.66 -0.54 0.00	44.46 -0.48 -1.95	47.38 -0.03 -2.28	52.99 0.25 -3.13	40.67 0.75 0.00	40.44 0.65 -0.05	33.17 0.28 0.00	27.27 0.13 0.00
DANSKAMMER___1 23586	22.48 0.89 0.00	22.11 0.89 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.86 0.88 0.00	27.21 1.11 0.00	34.90 1.45 0.00	41.96 1.80 0.00	33.33 1.36 0.00	30.54 1.23 0.00	23.85 1.04 0.00	23.26 1.09 0.00	24.41 1.25 0.00	29.73 1.51 0.00	33.82 1.66 0.00	32.34 1.59 0.00	34.93 1.73 0.00	45.15 2.16 0.00	47.51 2.38 0.00	52.21 2.61 0.00	41.90 1.98 0.00	41.51 1.77 0.00	34.29 1.40 0.00	28.26 1.12 0.00
DANSKAMMER___2 23589	22.48 0.89 0.00	22.11 0.89 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.86 0.88 0.00	27.21 1.11 0.00	34.90 1.45 0.00	41.96 1.80 0.00	33.33 1.36 0.00	30.54 1.23 0.00	23.85 1.04 0.00	23.26 1.09 0.00	24.41 1.25 0.00	29.73 1.51 0.00	33.82 1.66 0.00	32.34 1.59 0.00	34.93 1.73 0.00	45.15 2.16 0.00	47.51 2.38 0.00	52.21 2.61 0.00	41.90 1.98 0.00	41.51 1.77 0.00	34.29 1.40 0.00	28.26 1.12 0.00
DANSKAMMER___3 23590	22.48 0.89 0.00	22.11 0.89 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.86 0.88 0.00	27.21 1.11 0.00	34.90 1.45 0.00	41.96 1.80 0.00	33.33 1.36 0.00	30.54 1.23 0.00	23.85 1.04 0.00	23.26 1.09 0.00	24.41 1.25 0.00	29.73 1.51 0.00	33.82 1.66 0.00	32.34 1.59 0.00	34.93 1.73 0.00	45.15 2.16 0.00	47.51 2.38 0.00	52.21 2.61 0.00	41.90 1.98 0.00	41.51 1.77 0.00	34.29 1.40 0.00	28.26 1.12 0.00

DANSKAMMER___4 23591	22.48 0.89 0.00	22.11 0.89 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.86 0.88 0.00	27.21 1.11 0.00	34.90 1.45 0.00	41.96 1.80 0.00	33.33 1.36 0.00	30.54 1.23 0.00	23.85 1.04 0.00	23.26 1.09 0.00	24.41 1.25 0.00	29.73 1.51 0.00	33.82 1.66 0.00	32.34 1.59 0.00	34.93 1.73 0.00	45.15 2.16 0.00	47.51 2.38 0.00	52.21 2.61 0.00	41.90 1.98 0.00	41.51 1.77 0.00	34.29 1.40 0.00	28.26 1.12 0.00
DANSKAMMER___DIESEL 23592	22.48 0.89 0.00	22.11 0.89 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.86 0.88 0.00	27.21 1.11 0.00	34.90 1.45 0.00	41.96 1.80 0.00	33.33 1.35 0.00	30.54 1.23 0.00	23.85 1.04 0.00	23.26 1.09 0.00	24.41 1.25 0.00	29.73 1.51 0.00	33.82 1.66 0.00	32.34 1.59 0.00	34.93 1.73 0.00	45.15 2.16 0.00	47.51 2.39 0.00	52.21 2.61 0.00	41.90 1.98 0.00	41.50 1.76 0.00	34.29 1.40 0.00	28.27 1.12 0.00
DARBY___SOLAR 323810	22.57 0.98 0.00	22.20 0.98 0.00	21.54 0.93 0.00	20.86 0.97 0.00	21.01 1.03 0.00	27.33 1.23 0.00	34.94 1.49 0.00	42.07 1.91 0.00	33.24 1.26 0.00	30.23 0.92 0.00	23.49 0.67 0.00	22.73 0.57 0.00	23.77 0.61 0.00	28.90 0.67 0.00	32.98 0.82 0.00	31.82 1.07 0.00	34.56 1.36 0.00	45.05 2.05 0.00	47.65 2.52 0.00	52.45 2.84 0.00	42.18 2.25 0.00	41.70 1.96 0.00	34.39 1.50 0.00	28.38 1.23 0.00
DASHVILLE___HYD 23610	22.15 0.56 0.00	21.79 0.57 0.00	21.14 0.53 0.00	20.46 0.57 0.00	20.56 0.58 0.00	26.78 0.68 0.00	34.34 0.89 0.00	41.27 1.11 0.00	32.86 0.89 0.00	30.13 0.82 0.00	23.56 0.75 0.00	22.98 0.82 0.00	24.15 0.98 0.00	29.42 1.20 0.00	33.45 1.29 0.00	31.91 1.16 0.00	34.45 1.26 0.00	44.46 1.46 0.00	46.67 1.55 0.00	51.31 1.70 0.00	41.19 1.26 0.00	40.83 1.08 0.00	33.76 0.87 0.00	27.84 0.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.49 0.90 0.00	22.42 1.20 0.00	21.71 1.10 0.00	21.04 1.16 0.00	21.22 1.24 0.00	27.38 1.28 0.00	35.02 1.57 0.00	41.63 1.47 0.00	33.04 1.06 0.00	30.26 0.95 0.00	24.01 1.20 0.00	23.31 1.14 0.00	24.29 1.12 0.00	29.40 1.18 0.00	33.59 1.43 0.00	31.96 1.21 0.00	34.56 1.36 0.00	44.56 1.56 0.00	47.34 2.22 0.00	51.66 2.05 0.00	41.46 1.54 0.00	41.05 1.30 0.00	34.01 1.12 0.00	28.17 1.03 0.00
DELAWARE___LFGE 323621	22.05 0.46 0.00	21.69 0.47 0.00	21.09 0.47 0.00	20.34 0.45 0.00	20.43 0.44 0.00	26.72 0.62 0.00	34.30 0.85 0.00	41.20 1.04 0.00	32.75 0.77 0.00	30.04 0.73 0.00	23.42 0.61 0.00	22.80 0.63 0.00	23.85 0.69 0.00	29.07 0.85 0.00	33.09 0.93 0.00	31.63 0.87 -0.02	34.09 0.90 0.00	44.47 1.15 -0.33	46.75 1.24 -0.39	51.45 1.31 -0.53	40.99 1.06 0.00	40.76 1.01 -0.01	33.69 0.79 0.00	27.78 0.64 0.00
DERFIELD_115KV_TB7 355931	21.59 0.00 0.00	21.24 0.02 0.00	20.63 0.02 0.00	19.92 0.03 0.00	20.02 0.04 0.00	26.13 0.03 0.00	33.48 0.04 0.00	40.20 0.04 0.00	31.97 0.00 0.00	29.31 0.00 0.00	22.81 0.00 0.00	22.16 0.00 0.00	23.16 0.00 0.00	28.22 0.00 0.00	32.16 0.00 0.00	30.75 0.00 0.00	33.21 0.01 0.00	43.04 0.05 0.00	45.22 0.09 0.00	49.71 0.10 0.00	40.02 0.10 0.00	39.79 0.05 0.00	32.92 0.03 0.00	27.16 0.02 0.00
DOGLEVILLE___HYD 23807	21.58 -0.01 0.00	21.29 0.07 0.00	20.66 0.04 0.00	20.00 0.11 0.00	20.15 0.17 0.00	26.17 0.07 0.00	33.51 0.07 0.00	40.40 0.24 0.00	31.86 -0.11 0.00	28.80 -0.51 0.00	22.38 -0.43 0.00	21.66 -0.51 0.00	22.51 -0.66 0.00	27.41 -0.82 0.00	31.24 -0.92 0.00	30.04 -0.70 0.00	32.70 -0.50 0.00	42.92 -0.07 0.00	45.49 0.37 0.00	50.03 0.42 0.00	40.25 0.33 0.00	39.80 0.06 0.00	32.80 -0.09 0.00	27.02 -0.12 0.00
DUNKIRK___115KV_TB_200 55889	22.00 0.42 0.00	21.50 0.28 0.00	20.82 0.21 0.00	20.01 0.12 0.00	20.09 0.11 0.00	27.02 0.92 0.00	34.24 0.79 0.00	40.27 0.10 0.00	32.46 0.48 0.00	30.40 1.09 0.00	23.60 0.79 0.00	23.05 0.89 0.00	24.13 0.97 0.00	29.54 1.32 0.00	33.63 1.47 0.00	31.82 1.07 0.00	34.07 0.87 0.00	44.04 1.05 0.00	46.09 0.97 0.00	50.55 0.94 0.00	40.78 0.85 0.00	40.93 1.19 0.00	34.02 1.13 0.00	28.18 1.04 0.00
DUNKIRK___1 23563	22.00 0.42 0.00	21.50 0.28 0.00	20.82 0.21 0.00	20.01 0.12 0.00	20.09 0.11 0.00	27.02 0.92 0.00	34.24 0.79 0.00	40.27 0.10 0.00	32.46 0.48 0.00	30.40 1.09 0.00	23.60 0.79 0.00	23.05 0.89 0.00	24.13 0.97 0.00	29.54 1.32 0.00	33.63 1.47 0.00	31.82 1.07 0.00	34.07 0.87 0.00	44.04 1.05 0.00	46.09 0.97 0.00	50.55 0.94 0.00	40.78 0.85 0.00	40.93 1.19 0.00	34.02 1.13 0.00	28.18 1.04 0.00
DUNKIRK___2 23564	22.00 0.42 0.00	21.50 0.28 0.00	20.82 0.21 0.00	20.01 0.12 0.00	20.09 0.11 0.00	27.02 0.92 0.00	34.24 0.79 0.00	40.27 0.10 0.00	32.46 0.48 0.00	30.40 1.09 0.00	23.60 0.79 0.00	23.05 0.89 0.00	24.13 0.97 0.00	29.54 1.32 0.00	33.63 1.47 0.00	31.82 1.07 0.00	34.07 0.87 0.00	44.04 1.05 0.00	46.09 0.97 0.00	50.55 0.94 0.00	40.78 0.85 0.00	40.93 1.19 0.00	34.02 1.13 0.00	28.18 1.04 0.00
DUNKIRK___3 23565	21.91 0.33 0.00	21.43 0.21 0.00	20.76 0.15 0.00	19.94 0.05 0.00	20.01 0.03 0.00	26.89 0.79 0.00	34.11 0.67 0.00	40.16 0.00 0.00	32.36 0.39 0.00	30.25 0.94 0.00	23.50 0.69 0.00	22.92 0.76 0.00	23.97 0.81 0.00	29.34 1.11 0.00	33.41 1.25 0.00	31.61 0.87 0.00	33.84 0.64 0.00	43.72 0.73 0.00	45.76 0.64 0.00	50.20 0.59 0.00	40.49 0.57 0.00	40.64 0.90 0.00	33.82 0.93 0.00	28.05 0.91 0.00
DUNKIRK___4 23566	21.91 0.33 0.00	21.43 0.21 0.00	20.76 0.15 0.00	19.94 0.05 0.00	20.01 0.03 0.00	26.89 0.79 0.00	34.11 0.67 0.00	40.16 0.00 0.00	32.36 0.39 0.00	30.25 0.94 0.00	23.50 0.69 0.00	22.92 0.76 0.00	23.97 0.81 0.00	29.34 1.11 0.00	33.41 1.25 0.00	31.61 0.87 0.00	33.84 0.64 0.00	43.72 0.73 0.00	45.76 0.64 0.00	50.20 0.59 0.00	40.49 0.57 0.00	40.64 0.90 0.00	33.82 0.93 0.00	28.05 0.91 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.49 0.90 0.00	22.11 0.89 0.00	21.42 0.81 0.00	20.75 0.86 0.00	20.86 0.88 0.00	27.18 1.08 0.00	34.86 1.41 0.00	41.90 1.74 0.00	33.32 1.34 0.00	30.56 1.25 0.00	23.92 1.11 0.00	23.36 1.20 0.00	24.50 1.34 0.00	29.81 1.59 0.00	33.87 1.71 0.00	32.33 1.58 0.00	34.87 1.68 0.00	44.95 1.96 0.00	47.26 2.14 0.00	51.94 2.33 0.00	41.67 1.75 0.00	41.32 1.59 0.00	34.20 1.31 0.00	28.21 1.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.29 0.70 0.00	21.91 0.70 0.00	21.24 0.63 0.00	20.56 0.67 0.00	20.67 0.69 0.00	26.97 0.87 0.00	34.59 1.15 0.00	41.57 1.41 0.00	33.03 1.06 0.00	30.27 0.96 0.00	23.65 0.83 0.00	23.06 0.90 0.00	24.20 1.04 0.00	29.47 1.25 0.00	33.51 1.34 0.00	32.02 1.27 0.00	34.59 1.40 0.00	44.72 1.72 0.00	47.02 1.89 0.00	51.70 2.09 0.00	41.48 1.56 0.00	41.10 1.36 0.00	33.98 1.09 0.00	28.02 0.87 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.64 1.05 0.00	22.23 1.01 0.00	21.63 1.02 0.00	20.91 1.02 0.00	21.02 1.04 0.00	27.26 1.16 0.00	35.05 1.61 0.00	42.04 1.88 0.00	33.42 1.45 0.00	30.67 1.36 0.00	24.03 1.21 0.00	23.47 1.31 0.00	24.63 1.47 0.00	29.96 1.74 0.00	34.03 1.86 0.00	32.44 1.70 0.00	34.96 1.77 0.00	45.11 2.12 0.00	47.42 2.30 0.00	52.18 2.58 0.00	41.90 1.98 0.00	41.58 1.84 0.00	34.37 1.47 0.00	28.33 1.19 0.00
E179THST_13_KV_LOAD 356214	22.72 1.14 0.00	22.32 1.10 0.00	21.70 1.10 0.00	20.98 1.09 0.00	21.10 1.12 0.00	27.37 1.27 0.00	35.19 1.74 0.00	42.22 2.07 0.00	33.56 1.59 0.00	30.81 1.50 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.75 1.59 0.00	30.11 1.88 0.00	34.19 2.03 0.00	32.60 1.85 0.00	35.13 1.93 0.00	45.33 2.34 0.00	47.66 2.53 0.00	52.43 2.82 0.00	42.10 2.18 0.00	41.77 2.03 0.00	34.52 1.63 0.00	28.44 1.30 0.00
EAST HAMPTON___GT 23717	22.62 1.03 0.00	22.58 1.36 0.00	21.91 1.30 0.00	21.24 1.35 0.00	21.39 1.41 0.00	27.63 1.53 0.00	35.34 1.90 0.00	42.01 1.85 0.00	33.24 1.27 0.00	30.29 0.98 0.00	24.17 1.35 0.00	23.43 1.26 0.00	24.42 1.26 0.00	29.56 1.34 0.00	33.77 1.61 0.00	32.13 1.39 0.00	34.86 1.67 0.00	44.93 1.94 0.00	47.72 2.60 0.00	51.99 2.38 0.00	41.67 1.74 0.00	41.15 1.41 0.00	34.22 1.33 0.00	28.40 1.25 0.00
EAST RIVER___6 23660	22.65 1.06 0.00	22.27 1.05 0.00	21.59 0.98 0.00	20.90 1.02 0.00	21.01 1.03 0.00	27.39 1.29 0.00	35.14 1.69 0.00	42.11 1.95 0.00	33.51 1.54 0.00	30.82 1.51 0.00	24.13 1.32 0.00	23.60 1.44 0.00	24.78 1.61 0.00	30.14 1.92 0.00	34.22 2.06 0.00	32.65 1.90 0.00	35.18 1.98 0.00	45.26 2.27 0.00	47.59 2.47 0.00	52.27 2.66 0.00	41.94 2.02 0.00	41.59 1.85 0.00	34.41 1.52 0.00	28.45 1.31 0.00
EAST RIVER___7 23524	22.65 1.06 0.00	22.27 1.05 0.00	21.59 0.98 0.00	20.90 1.02 0.00	21.01 1.03 0.00	27.39 1.29 0.00	35.14 1.69 0.00	42.11 1.95 0.00	33.51 1.54 0.00	30.82 1.51 0.00	24.13 1.32 0.00	23.60 1.44 0.00	24.78 1.61 0.00	30.14 1.92 0.00	34.22 2.06 0.00	32.65 1.90 0.00	35.18 1.98 0.00	45.26 2.27 0.00	47.59 2.47 0.00	52.27 2.66 0.00	41.94 2.02 0.00	41.59 1.85 0.00	34.41 1.52 0.00	28.45 1.31 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.45 0.86 0.00	22.07 0.85 0.00	21.40 0.79 0.00	20.72 0.83 0.00	20.83 0.85 0.00	27.15 1.05 0.00	34.82 1.37 0.00	41.82 1.66 0.00	33.25 1.27 0.00	30.49 1.18 0.00	23.86 1.04 0.00	23.30 1.14 0.00	24.43 1.27 0.00	29.74 1.51 0.00	33.80 1.64 0.00	32.25 1.51 0.00	34.80 1.60 0.00	44.88 1.89 0.00	47.20 2.07 0.00	51.86 2.26 0.00	41.62 1.69 0.00	41.26 1.52 0.00	34.14 1.25 0.00	28.17 1.03 0.00
EAST_HAMPTON___DIESEL 23722	22.62 1.03 0.00	22.57 1.35 0.00	21.92 1.30 0.00	21.24 1.35 0.00	21.38 1.40 0.00	27.63 1.53 0.00	35.33 1.88 0.00	42.01 1.84 0.00	33.24 1.27 0.00	30.28 0.97 0.00	24.16 1.34 0.00	23.41 1.25 0.00	24.41 1.25 0.00	29.55 1.33 0.00	33.76 1.60 0.00	32.11 1.37 0.00	34.86 1.66 0.00	44.92 1.93 0.00	47.71 2.58 0.00	51.98 2.37 0.00	41.63 1.71 0.00	41.11 1.38 0.00	34.21 1.32 0.00	28.39 1.25 0.00
EAST_POINT___SOLAR 323840	23.00 1.42 0.00	22.54 1.33 0.00	21.90 1.28 0.00	21.09 1.21 0.00	21.21 1.23 0.00	27.88 1.78 0.00	36.01 2.57 0.00	43.25 3.09 0.00	33.91 1.93 0.00	30.16 0.85 0.00	23.76 0.95 0.00	22.94 0.78 0.00	23.68 0.52 0.00	28.92 0.69 0.00	33.14 0.98 0.00	32.01 1.27 0.00	34.93 1.74 0.00	45.74 2.75 0.00	48.59 3.47 0.00	53.48 3.87 0.00	42.98 3.06 0.00	42.72 2.98 0.00	35.30 2.41 0.00	29.04 1.90 0.00
EAST_PULASKI___ESR 323781	21.40 -0.19 0.00	20.99 -0.22 0.00	20.39 -0.22 0.00	19.66 -0.23 0.00	19.77 -0.21 0.00	25.96 -0.14 0.00	33.39 -0.06 0.00	40.07 -0.10 0.00	31.83 -0.14 0.00	29.12 -0.18 0.00	22.51 -0.31 0.00	21.81 -0.35 0.00	22.74 -0.42 0.00	27.73 -0.49 0.00	31.62 -0.54 0.00	30.30 -0.60 0.00	32.64 -0.56 0.00	45.17 -0.61 -2.78	48.02 -0.36 -3.26	53.81 -0.27 -4.47	39.95 0.02 0.00	39.79 -0.02 0.00	32.79 -0.10 0.00	26.99 -0.15 0.00
EAST_RIVER___1 323558	22.63 1.04 0.00	22.25 1.03 0.00	21.58 0.97 0.00	20.89 1.00 0.00	21.00 1.02 0.00	27.36 1.27 0.00	35.11 1.66 0.00	42.11 1.95 0.00	33.51 1.53 0.00	30.79 1.48 0.00	24.11 1.30 0.00	23.57 1.41 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.01 0.00	32.59 1.84 0.00	35.13 1.94 0.00	45.22 2.22 0.00	47.53 2.40 0.00	52.22 2.62 0.00	41.89 1.97 0.00	41.56 1.82 0.00	34.39 1.50 0.00	28.40 1.26 0.00
EAST_RIVER___2 323559	22.65 1.06 0.00	22.27 1.05 0.00	21.59 0.98 0.00	20.90 1.02 0.00	21.01 1.03 0.00	27.39 1.29 0.00	35.14 1.69 0.00	42.11 1.95 0.00	33.51 1.54 0.00	30.82 1.51 0.00	24.13 1.32 0.00	23.60 1.44 0.00	24.78 1.61 0.00	30.14 1.92 0.00	34.22 2.06 0.00	32.65 1.90 0.00	35.18 1.98 0.00	45.26 2.27 0.00	47.59 2.47 0.00	52.27 2.66 0.00	41.94 2.02 0.00	41.59 1.85 0.00	34.41 1.52 0.00	28.45 1.31 0.00
EAST___DELAWARE_HYD 23607	21.89 0.30 0.00	21.51 0.30 0.00	20.87 0.26 0.00	20.18 0.30 0.00	20.29 0.31 0.00	26.49 0.39 0.00	34.03 0.58 0.00	41.03 0.87 0.00	33.37 1.40 0.00	30.57 1.26 0.00	23.82 1.00 0.00	23.17 1.01 0.00	24.32 1.16 0.00	29.66 1.44 0.00	33.73 1.57 0.00	32.21 1.46 0.00	34.87 1.68 0.00	45.16 2.16 0.00	47.49 2.37 0.00	52.23 2.63 0.00	41.93 2.00 0.00	41.55 1.80 0.00	34.32 1.43 0.00	28.28 1.14 0.00
EIGHT_POINT___WT_PWR 323820	22.57 0.99 0.00	22.09 0.87 0.00	21.35 0.74 0.00	20.60 0.71 0.00	20.68 0.70 0.00	27.73 1.63 0.00	35.70 2.26 0.00	42.79 2.63 0.00	34.10 2.12 0.00	31.46 2.15 0.00	24.28 1.47 0.00	23.54 1.38 0.00	24.45 1.29 0.00	30.01 1.78 0.00	34.21 2.05 0.00	32.40 1.63 -0.02	34.87 1.67 0.00	46.20 2.78 -0.43	48.83 3.20 -0.51	53.67 3.37 -0.69	42.16 2.24 0.00	42.36 2.60 -0.01	35.10 2.21 0.00	28.78 1.64 0.00
ELBRIDGE_115KV_TB2 80188	21.40 -0.19 0.00	20.97 -0.25 0.00	20.34 -0.27 0.00	19.63 -0.26 0.00	19.73 -0.25 0.00	25.92 -0.18 0.00	33.24 -0.21 0.00	39.85 -0.30 0.00	31.87 -0.11 0.00	29.32 0.01 0.00	22.77 -0.04 0.00	22.07 -0.09 0.00	23.10 -0.06 0.00	28.20 -0.03 0.00	32.14 -0.02 0.00	30.77 -0.07 -0.10	33.11 -0.08 0.00	44.82 -0.06 -1.89	47.24 -0.09 -2.21	52.59 -0.05 -3.03	39.86 -0.06 0.00	39.66 -0.13 -0.05	32.81 -0.08 0.00	27.07 -0.07 0.00
ELEC_TRO_TEK 24086	22.56 0.97 0.00	22.22 1.00 0.00	21.51 0.90 0.00	20.83 0.94 0.00	20.96 0.98 0.00	27.36 1.26 0.00	35.09 1.64 0.00	41.98 1.82 0.00	33.41 1.44 0.00	30.67 1.36 0.00	24.10 1.28 0.00	23.50 1.34 0.00	24.61 1.44 0.00	29.86 1.64 0.00	34.03 1.87 0.00	32.41 1.66 0.00	34.94 1.74 0.00	44.91 1.92 0.00	47.27 2.15 0.00	51.95 2.34 0.00	41.63 1.71 0.00	41.37 1.63 0.00	34.29 1.40 0.00	28.29 1.15 0.00

ELLENBURG_WT_PWR 323604	22.59 1.00 0.00	22.13 0.91 0.00	21.40 0.79 0.00	20.58 0.69 0.00	20.67 0.69 0.00	26.65 0.55 0.00	33.87 0.42 0.00	40.98 0.82 0.00	32.74 0.76 0.00	29.92 0.61 0.00	23.35 0.54 0.00	22.53 0.37 0.00	23.60 0.44 0.00	28.57 0.35 0.00	32.61 0.45 0.00	31.45 0.71 0.00	34.00 0.81 0.00	44.19 1.20 0.00	45.60 0.48 0.00	49.56 -0.05 0.00	40.04 0.12 0.00	39.89 0.15 0.00	33.12 0.22 0.00	27.25 0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.81 0.22 0.00	21.34 0.12 0.00	20.70 0.09 0.00	19.82 -0.07 0.00	19.89 -0.09 0.00	26.66 0.57 0.00	33.86 0.42 0.00	39.90 -0.27 0.00	32.15 0.17 0.00	29.89 0.58 0.00	23.29 0.48 0.00	22.60 0.44 0.00	23.59 0.43 0.00	28.86 0.64 0.00	32.97 0.81 0.00	31.23 0.48 0.00	33.29 0.09 0.00	43.01 0.01 0.00	44.99 -0.14 0.00	49.38 -0.23 0.00	39.85 -0.07 0.00	39.98 0.24 0.00	33.30 0.41 0.00	27.74 0.60 0.00
EMPIRE_CC_1 323656	22.08 0.49 0.00	21.73 0.51 0.00	21.12 0.51 0.00	20.45 0.56 0.00	20.58 0.60 0.00	26.68 0.58 0.00	34.09 0.64 0.00	41.03 0.86 0.00	32.43 0.46 0.00	29.55 0.24 0.00	23.05 0.23 0.00	22.39 0.23 0.00	23.44 0.28 0.00	28.51 0.29 0.00	32.45 0.28 0.00	31.14 0.40 0.00	33.65 0.45 0.00	43.65 0.66 0.00	46.13 1.00 0.00	50.78 1.17 0.00	40.89 0.97 0.00	40.49 0.74 0.00	33.49 0.60 0.00	27.66 0.52 0.00
EMPIRE_CC_2 323658	22.08 0.49 0.00	21.73 0.51 0.00	21.12 0.51 0.00	20.45 0.56 0.00	20.58 0.60 0.00	26.68 0.58 0.00	34.09 0.64 0.00	41.03 0.86 0.00	32.43 0.46 0.00	29.55 0.24 0.00	23.05 0.23 0.00	22.39 0.23 0.00	23.44 0.28 0.00	28.51 0.29 0.00	32.45 0.28 0.00	31.14 0.40 0.00	33.65 0.45 0.00	43.65 0.66 0.00	46.13 1.00 0.00	50.78 1.17 0.00	40.89 0.97 0.00	40.49 0.74 0.00	33.49 0.60 0.00	27.66 0.52 0.00
ENORWICH_115KV_TB1 80156	22.96 1.37 0.00	22.52 1.30 0.00	21.83 1.22 0.00	21.06 1.18 0.00	21.20 1.22 0.00	28.06 1.96 0.00	36.20 2.75 0.00	43.51 3.34 0.00	34.47 2.50 0.00	31.53 2.22 0.00	24.37 1.55 0.00	23.49 1.33 0.00	24.55 1.39 0.00	30.01 1.78 0.00	34.29 2.13 0.00	32.73 1.94 -0.04	35.26 2.06 0.00	47.31 3.66 -0.66	49.98 4.09 -0.77	55.13 4.47 -1.05	43.36 3.43 0.00	42.98 3.22 -0.02	35.24 2.36 0.00	29.00 1.86 0.00
ERIE_ST_34_KV_TB1-2 80199	22.04 0.45 0.00	21.55 0.34 0.00	20.89 0.28 0.00	20.02 0.13 0.00	20.09 0.11 0.00	26.95 0.85 0.00	34.29 0.84 0.00	40.49 0.33 0.00	32.62 0.65 0.00	30.35 1.04 0.00	23.64 0.82 0.00	22.96 0.80 0.00	23.97 0.81 0.00	29.33 1.11 0.00	33.48 1.32 0.00	31.71 0.97 0.00	33.87 0.67 0.00	43.81 0.81 0.00	45.83 0.70 0.00	50.28 0.67 0.00	40.56 0.64 0.00	40.67 0.93 0.00	33.84 0.95 0.00	28.14 1.00 0.00
ERIE_WT_PWR 323693	21.89 0.31 0.00	21.44 0.22 0.00	20.78 0.17 0.00	19.91 0.02 0.00	19.97 -0.01 0.00	26.80 0.70 0.00	34.03 0.59 0.00	40.11 -0.05 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.73 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.17 1.01 0.00	31.42 0.67 0.00	33.54 0.34 0.00	43.31 0.32 0.00	45.32 0.20 0.00	49.77 0.17 0.00	40.16 0.24 0.00	40.32 0.57 0.00	33.55 0.65 0.00	27.92 0.78 0.00
ESPRGFLD_115KV_TB1 80157	22.66 1.07 0.00	22.21 0.99 0.00	21.58 0.97 0.00	20.77 0.88 0.00	20.84 0.86 0.00	27.44 1.34 0.00	35.44 1.99 0.00	42.53 2.37 0.00	33.80 1.83 0.00	31.03 1.72 0.00	24.20 1.38 0.00	23.48 1.31 0.00	24.46 1.30 0.00	29.85 1.63 0.00	34.07 1.91 0.00	32.48 1.73 0.00	35.03 1.83 0.00	45.47 2.47 0.00	47.72 2.59 0.00	52.37 2.77 0.00	42.12 2.19 0.00	41.98 2.23 0.00	34.76 1.87 0.00	28.63 1.49 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.95 0.36 0.00	21.53 0.31 0.00	20.88 0.26 0.00	20.15 0.26 0.00	20.25 0.27 0.00	26.68 0.58 0.00	34.27 0.83 0.00	41.18 1.02 0.00	32.81 0.83 0.00	30.18 0.87 0.00	23.36 0.55 0.00	22.63 0.46 0.00	23.63 0.46 0.00	28.87 0.65 0.00	32.95 0.79 0.00	31.44 0.65 -0.04	33.96 0.76 0.00	45.09 1.25 -0.85	47.65 1.54 -0.99	52.65 1.69 -1.36	41.21 1.28 0.00	41.00 1.24 -0.02	33.83 0.94 0.00	27.86 0.72 0.00
ETNA____115KV_TB2 80207	21.95 0.36 0.00	21.53 0.31 0.00	20.88 0.26 0.00	20.15 0.26 0.00	20.25 0.27 0.00	26.68 0.58 0.00	34.27 0.83 0.00	41.18 1.02 0.00	32.81 0.83 0.00	30.18 0.87 0.00	23.36 0.55 0.00	22.63 0.46 0.00	23.63 0.46 0.00	28.87 0.65 0.00	32.95 0.79 0.00	31.44 0.65 -0.04	33.96 0.76 0.00	45.09 1.25 -0.85	47.65 1.54 -0.99	52.65 1.69 -1.36	41.21 1.28 0.00	41.00 1.24 -0.02	33.83 0.94 0.00	27.86 0.72 0.00
EUCLID____115KV_TB2 356179	21.26 -0.32 0.00	20.87 -0.35 0.00	20.26 -0.35 0.00	19.55 -0.34 0.00	19.65 -0.34 0.00	25.78 -0.32 0.00	33.07 -0.38 0.00	39.66 -0.50 0.00	31.65 -0.32 0.00	29.12 -0.19 0.00	22.60 -0.21 0.00	21.94 -0.22 0.00	22.94 -0.22 0.00	27.99 -0.23 0.00	31.90 -0.27 0.00	30.49 -0.30 -0.04	32.87 -0.33 0.00	43.39 -0.41 -0.81	45.69 -0.38 -0.95	50.48 -0.42 -1.30	39.57 -0.35 0.00	39.38 -0.38 -0.02	32.58 -0.31 0.00	26.87 -0.27 0.00
E_CANADA_CAP_HY 24051	22.92 1.34 0.00	22.44 1.23 0.00	21.81 1.20 0.00	20.99 1.11 0.00	21.07 1.09 0.00	27.72 1.62 0.00	35.79 2.34 0.00	42.95 2.79 0.00	34.01 2.04 0.00	31.00 1.70 0.00	24.20 1.39 0.00	23.39 1.23 0.00	24.27 1.11 0.00	29.59 1.37 0.00	33.83 1.66 0.00	32.30 1.56 0.00	34.98 1.78 0.00	45.55 2.56 0.00	47.99 2.86 0.00	52.73 3.13 0.00	42.42 2.50 0.00	42.31 2.56 0.00	35.05 2.16 0.00	28.89 1.74 0.00
E_CANADA_MHWK_HY 24050	21.58 -0.01 0.00	21.29 0.07 0.00	20.66 0.04 0.00	20.00 0.11 0.00	20.15 0.17 0.00	26.17 0.07 0.00	33.51 0.07 0.00	40.40 0.24 0.00	31.86 -0.11 0.00	28.80 -0.51 0.00	22.38 -0.43 0.00	21.66 -0.51 0.00	22.51 -0.66 0.00	27.41 -0.82 0.00	31.24 -0.92 0.00	30.04 -0.70 0.00	32.70 -0.50 0.00	42.92 -0.07 0.00	45.49 0.37 0.00	50.03 0.42 0.00	40.25 0.33 0.00	39.80 0.06 0.00	32.80 -0.09 0.00	27.02 -0.12 0.00
E_FISHKILL____LBMP 23776	22.28 0.69 0.00	21.92 0.70 0.00	21.27 0.66 0.00	20.60 0.71 0.00	20.70 0.72 0.00	26.95 0.85 0.00	34.54 1.09 0.00	41.50 1.34 0.00	32.97 1.00 0.00	30.19 0.88 0.00	23.61 0.79 0.00	23.04 0.87 0.00	24.16 1.00 0.00	29.40 1.18 0.00	33.42 1.26 0.00	31.93 1.19 0.00	34.46 1.27 0.00	44.52 1.52 0.00	46.83 1.71 0.00	51.48 1.87 0.00	41.33 1.41 0.00	40.98 1.24 0.00	33.90 1.00 0.00	27.96 0.82 0.00
FALCON____SEABRD_CC1 323796	22.56 0.97 0.00	22.10 0.88 0.00	21.37 0.76 0.00	20.56 0.67 0.00	20.65 0.67 0.00	26.63 0.53 0.00	33.94 0.49 0.00	41.07 0.91 0.00	32.75 0.78 0.00	29.91 0.60 0.00	23.32 0.51 0.00	22.50 0.34 0.00	23.56 0.40 0.00	28.54 0.32 0.00	32.60 0.44 0.00	31.45 0.71 0.00	33.99 0.80 0.00	44.16 1.17 0.00	45.55 0.42 0.00	49.59 -0.02 0.00	40.13 0.20 0.00	40.00 0.25 0.00	33.21 0.32 0.00	27.35 0.20 0.00

FALCON___SEABRD_CC2 323797	22.56 0.97 0.00	22.10 0.88 0.00	21.37 0.76 0.00	20.56 0.67 0.00	20.65 0.67 0.00	26.63 0.53 0.00	33.94 0.49 0.00	41.07 0.91 0.00	32.75 0.78 0.00	29.91 0.60 0.00	23.32 0.51 0.00	22.50 0.34 0.00	23.56 0.40 0.00	28.54 0.32 0.00	32.60 0.44 0.00	31.45 0.71 0.00	33.99 0.80 0.00	44.16 1.17 0.00	45.55 0.42 0.00	49.59 -0.02 0.00	40.13 0.20 0.00	40.00 0.25 0.00	33.21 0.32 0.00	27.35 0.20 0.00
FAR ROCKAWAY___4 23548	22.79 1.20 0.00	22.44 1.22 0.00	21.72 1.11 0.00	21.03 1.14 0.00	21.16 1.18 0.00	27.64 1.54 0.00	35.47 2.03 0.00	42.45 2.29 0.00	33.78 1.80 0.00	31.02 1.71 0.00	24.39 1.58 0.00	23.79 1.63 0.00	24.85 1.68 0.00	30.03 1.81 0.00	34.50 2.33 0.00	32.87 2.12 0.00	35.42 2.23 0.00	45.59 2.60 0.00	47.99 2.87 0.00	52.78 3.17 0.00	42.24 2.31 0.00	41.93 2.19 0.00	34.72 1.83 0.00	28.64 1.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.63 1.05 0.00	22.26 1.05 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.37 1.28 0.00	35.12 1.67 0.00	42.15 1.99 0.00	33.54 1.56 0.00	30.82 1.51 0.00	24.12 1.31 0.00	23.58 1.42 0.00	24.74 1.58 0.00	30.11 1.88 0.00	34.19 2.03 0.00	32.61 1.87 0.00	35.15 1.95 0.00	45.26 2.26 0.00	47.54 2.42 0.00	52.24 2.64 0.00	41.91 1.98 0.00	41.58 1.84 0.00	34.41 1.51 0.00	28.41 1.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.64 1.05 0.00	22.27 1.05 0.00	21.59 0.98 0.00	20.90 1.02 0.00	21.01 1.03 0.00	27.38 1.28 0.00	35.12 1.68 0.00	42.15 1.99 0.00	33.54 1.56 0.00	30.82 1.51 0.00	24.12 1.31 0.00	23.58 1.42 0.00	24.74 1.58 0.00	30.10 1.88 0.00	34.19 2.03 0.00	32.61 1.87 0.00	35.15 1.95 0.00	45.26 2.26 0.00	47.54 2.42 0.00	52.25 2.64 0.00	41.92 2.00 0.00	41.58 1.84 0.00	34.41 1.52 0.00	28.42 1.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.63 1.04 0.00	22.25 1.03 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.00 1.02 0.00	27.36 1.27 0.00	35.11 1.66 0.00	42.13 1.97 0.00	33.52 1.55 0.00	30.80 1.49 0.00	24.11 1.30 0.00	23.57 1.41 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.14 1.94 0.00	45.22 2.22 0.00	47.52 2.40 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.55 1.81 0.00	34.39 1.50 0.00	28.40 1.26 0.00
FARRAGUT___LBMP 323566	22.61 1.02 0.00	22.24 1.02 0.00	21.57 0.96 0.00	20.88 0.99 0.00	20.99 1.01 0.00	27.35 1.25 0.00	35.08 1.63 0.00	42.10 1.93 0.00	33.49 1.51 0.00	30.76 1.46 0.00	24.09 1.28 0.00	23.55 1.38 0.00	24.71 1.54 0.00	30.06 1.84 0.00	34.14 1.97 0.00	32.56 1.81 0.00	35.10 1.90 0.00	45.17 2.18 0.00	47.47 2.35 0.00	52.17 2.56 0.00	41.86 1.94 0.00	41.52 1.78 0.00	34.36 1.47 0.00	28.38 1.23 0.00
FENNER___WINDPWR 24204	21.93 0.34 0.00	21.53 0.31 0.00	20.90 0.28 0.00	20.16 0.27 0.00	20.27 0.29 0.00	26.60 0.51 0.00	34.21 0.76 0.00	41.08 0.92 0.00	32.70 0.72 0.00	29.98 0.67 0.00	23.20 0.39 0.00	22.55 0.38 0.00	23.52 0.36 0.00	28.71 0.49 0.00	32.73 0.56 0.00	31.34 0.56 -0.04	33.90 0.70 0.00	44.84 1.10 -0.74	47.27 1.28 -0.87	52.22 1.43 -1.19	41.04 1.11 0.00	40.76 1.00 -0.02	33.63 0.74 0.00	27.70 0.56 0.00
FIBERTEK___ENERGY 23856	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.18 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.08 -0.08 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00
FITZPATRICK____ 23598	20.95 -0.64 0.00	20.57 -0.65 0.00	19.98 -0.64 0.00	19.27 -0.62 0.00	19.37 -0.62 0.00	25.37 -0.73 0.00	32.53 -0.92 0.00	39.02 -1.14 0.00	31.10 -0.88 0.00	28.59 -0.72 0.00	22.21 -0.60 0.00	21.57 -0.60 0.00	22.54 -0.63 0.00	27.49 -0.73 0.00	31.33 -0.84 0.00	29.41 -0.82 0.51	32.30 -0.90 0.00	32.17 -1.15 9.67	32.64 -1.17 11.31	32.82 -1.29 15.50	38.89 -1.03 0.00	38.45 -1.04 0.25	32.05 -0.84 0.00	26.44 -0.71 0.00
FLOWRFLD_69_KV_BK1 356044	22.61 1.02 0.00	22.35 1.14 0.00	21.62 1.01 0.00	20.94 1.05 0.00	21.11 1.12 0.00	27.46 1.36 0.00	35.19 1.74 0.00	41.92 1.76 0.00	33.37 1.39 0.00	30.64 1.33 0.00	24.16 1.35 0.00	23.52 1.36 0.00	24.58 1.42 0.00	29.73 1.51 0.00	33.90 1.74 0.00	32.27 1.53 0.00	34.81 1.61 0.00	44.68 1.68 0.00	47.14 2.01 0.00	51.71 2.11 0.00	41.55 1.62 0.00	41.39 1.65 0.00	34.30 1.41 0.00	28.28 1.14 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.52 0.93 0.00	22.15 0.93 0.00	21.48 0.87 0.00	20.79 0.91 0.00	20.90 0.92 0.00	27.25 1.15 0.00	34.95 1.51 0.00	42.03 1.87 0.00	33.41 1.43 0.00	30.60 1.29 0.00	23.89 1.08 0.00	23.30 1.14 0.00	24.45 1.29 0.00	29.79 1.57 0.00	33.89 1.73 0.00	32.40 1.66 0.00	34.99 1.80 0.00	45.25 2.25 0.00	47.60 2.48 0.00	52.32 2.71 0.00	41.99 2.06 0.00	41.58 1.84 0.00	34.35 1.46 0.00	28.32 1.17 0.00
FORT ORANGE____ 23900	21.88 0.29 0.00	21.53 0.31 0.00	20.92 0.31 0.00	20.24 0.35 0.00	20.36 0.38 0.00	26.44 0.34 0.00	33.86 0.42 0.00	40.77 0.61 0.00	32.27 0.29 0.00	29.44 0.13 0.00	22.93 0.11 0.00	22.25 0.09 0.00	23.22 0.06 0.00	28.26 0.04 0.00	32.17 0.01 0.00	30.90 0.15 0.00	33.50 0.30 0.00	43.53 0.54 0.00	46.00 0.88 0.00	50.64 1.03 0.00	40.72 0.80 0.00	40.33 0.59 0.00	33.30 0.40 0.00	27.46 0.32 0.00
FORT_DRUM_COGEN 23780	22.11 0.52 0.00	21.70 0.48 0.00	21.09 0.47 0.00	20.30 0.41 0.00	20.42 0.44 0.00	26.87 0.77 0.00	34.77 1.32 0.00	41.73 1.57 0.00	32.95 0.98 0.00	29.83 0.52 0.00	22.86 0.04 0.00	21.96 -0.20 0.00	22.66 -0.50 0.00	27.64 -0.58 0.00	31.63 -0.54 0.00	30.23 -0.59 -0.07	32.81 -0.38 0.00	44.32 -0.07 -1.40	47.42 0.65 -1.64	53.05 1.19 -2.25	41.73 1.80 0.00	41.42 1.64 -0.04	33.83 0.94 0.00	27.76 0.62 0.00
FOX_HILLS___ESR 323835	22.65 1.06 0.00	22.23 1.01 0.00	21.55 0.94 0.00	20.86 0.97 0.00	20.97 0.99 0.00	27.30 1.20 0.00	34.98 1.53 0.00	41.92 1.76 0.00	33.46 1.48 0.00	30.75 1.45 0.00	24.08 1.26 0.00	23.50 1.34 0.00	24.66 1.50 0.00	30.00 1.78 0.00	34.04 1.87 0.00	32.48 1.73 0.00	34.42 1.84 0.62	43.95 2.03 1.07	47.13 2.22 0.21	52.10 2.49 0.00	41.77 1.85 0.00	41.43 1.69 0.00	34.41 1.52 0.00	28.45 1.31 0.00
FPL FAR_ROCK_GT1 24212	22.79 1.20 0.00	22.44 1.22 0.00	21.72 1.11 0.00	21.02 1.14 0.00	21.16 1.18 0.00	27.64 1.54 0.00	35.47 2.03 0.00	42.45 2.29 0.00	33.78 1.80 0.00	31.02 1.71 0.00	24.39 1.58 0.00	23.79 1.63 0.00	24.85 1.69 0.00	30.04 1.81 0.00	34.50 2.33 0.00	32.87 2.12 0.00	35.42 2.23 0.00	45.59 2.59 0.00	47.99 2.87 0.00	52.78 3.17 0.00	42.24 2.31 0.00	41.93 2.19 0.00	34.72 1.83 0.00	28.64 1.49 0.00



FPL FAR_ROCK_GT2 23815	22.79 1.20 0.00	22.44 1.22 0.00	21.72 1.11 0.00	21.02 1.14 0.00	21.16 1.18 0.00	27.64 1.54 0.00	35.47 2.03 0.00	42.45 2.29 0.00	33.78 1.80 0.00	31.02 1.71 0.00	24.39 1.58 0.00	23.79 1.63 0.00	24.85 1.69 0.00	30.04 1.81 0.00	34.50 2.33 0.00	32.87 2.12 0.00	35.42 2.23 0.00	45.59 2.59 0.00	47.99 2.87 0.00	52.78 3.17 0.00	42.24 2.31 0.00	41.93 2.19 0.00	34.72 1.83 0.00	28.64 1.49 0.00
FRANKLIN_FALL_HYD 24054	22.21 0.63 0.00	21.78 0.56 0.00	21.12 0.50 0.00	20.29 0.40 0.00	20.37 0.39 0.00	26.47 0.38 0.00	33.91 0.46 0.00	40.89 0.73 0.00	32.54 0.57 0.00	29.67 0.36 0.00	23.10 0.29 0.00	22.34 0.18 0.00	23.27 0.10 0.00	28.24 0.02 0.00	32.27 0.11 0.00	30.98 0.24 0.00	33.44 0.25 0.00	43.43 0.43 0.00	45.29 0.17 0.00	49.69 0.08 0.00	40.09 0.17 0.00	40.08 0.34 0.00	33.21 0.32 0.00	27.37 0.23 0.00
FREEPORT_EQUS_GT1 23764	22.65 1.06 0.00	22.32 1.10 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.49 1.39 0.00	35.24 1.79 0.00	42.13 1.97 0.00	33.53 1.56 0.00	30.76 1.45 0.00	24.19 1.37 0.00	23.57 1.41 0.00	24.68 1.52 0.00	29.94 1.72 0.00	34.15 1.99 0.00	32.51 1.76 0.00	35.04 1.84 0.00	45.04 2.05 0.00	47.29 2.17 0.00	51.99 2.38 0.00	41.76 1.84 0.00	41.54 1.80 0.00	34.43 1.54 0.00	28.40 1.25 0.00
FREEPORT___CT2 23818	22.65 1.06 0.00	22.32 1.10 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.49 1.39 0.00	35.24 1.79 0.00	42.13 1.97 0.00	33.53 1.56 0.00	30.76 1.45 0.00	24.19 1.37 0.00	23.57 1.41 0.00	24.68 1.52 0.00	29.94 1.72 0.00	34.15 1.99 0.00	32.51 1.76 0.00	35.04 1.84 0.00	45.04 2.05 0.00	47.29 2.17 0.00	51.99 2.38 0.00	41.76 1.84 0.00	41.54 1.80 0.00	34.43 1.54 0.00	28.40 1.25 0.00
FRESHKLS_33_KV_LOAD 356253	22.67 1.08 0.00	22.24 1.02 0.00	21.56 0.95 0.00	20.87 0.98 0.00	20.98 1.00 0.00	27.32 1.22 0.00	34.99 1.55 0.00	41.89 1.73 0.00	33.46 1.48 0.00	30.76 1.45 0.00	24.07 1.26 0.00	23.49 1.33 0.00	24.63 1.47 0.00	29.97 1.74 0.00	33.98 1.82 0.00	32.46 1.71 0.00	34.41 1.83 0.62	43.89 1.97 1.07	47.12 2.21 0.21	52.12 2.51 0.00	41.78 1.85 0.00	41.40 1.66 0.00	34.42 1.53 0.00	28.48 1.34 0.00
FULTON COGEN____ 23766	21.18 -0.41 0.00	20.78 -0.44 0.00	20.17 -0.44 0.00	19.46 -0.42 0.00	19.56 -0.42 0.00	25.66 -0.44 0.00	32.93 -0.52 0.00	39.52 -0.64 0.00	31.36 -0.61 0.00	28.82 -0.49 0.00	22.46 -0.35 0.00	21.83 -0.33 0.00	22.77 -0.39 0.00	27.78 -0.44 0.00	31.70 -0.47 0.00	30.42 -0.50 -0.17	32.70 -0.49 0.00	45.55 -0.61 -3.16	48.27 -0.56 -3.70	54.10 -0.58 -5.08	39.46 -0.47 0.00	39.31 -0.51 -0.08	32.45 -0.44 0.00	26.75 -0.40 0.00
FULTON___LFGE 323630	22.84 1.25 0.00	22.41 1.19 0.00	21.76 1.15 0.00	20.97 1.08 0.00	21.08 1.10 0.00	27.63 1.54 0.00	35.65 2.20 0.00	42.88 2.72 0.00	33.86 1.89 0.00	30.65 1.34 0.00	23.84 1.03 0.00	22.96 0.80 0.00	23.71 0.55 0.00	28.84 0.62 0.00	32.99 0.83 0.00	31.71 0.96 0.00	34.51 1.32 0.00	45.40 2.40 0.00	48.12 2.99 0.00	52.98 3.37 0.00	42.60 2.68 0.00	42.34 2.60 0.00	34.99 2.10 0.00	28.80 1.66 0.00
G.F.CEMENT___DRP 24184	22.86 1.27 0.00	22.45 1.24 0.00	21.77 1.17 0.00	21.09 1.21 0.00	21.27 1.29 0.00	27.72 1.63 0.00	35.39 1.94 0.00	42.65 2.49 0.00	33.68 1.71 0.00	30.67 1.36 0.00	23.83 1.02 0.00	23.04 0.87 0.00	24.12 0.96 0.00	29.28 1.05 0.00	33.42 1.26 0.00	32.32 1.57 0.00	35.24 2.04 0.00	45.94 2.95 0.00	48.57 3.45 0.00	53.48 3.87 0.00	42.97 3.05 0.00	42.38 2.64 0.00	34.90 2.01 0.00	28.80 1.66 0.00
GARDENVILLE___LBMP 24039	21.85 0.27 0.00	21.38 0.16 0.00	20.74 0.12 0.00	19.87 -0.02 0.00	19.94 -0.05 0.00	26.74 0.64 0.00	33.96 0.51 0.00	40.02 -0.14 0.00	32.24 0.26 0.00	30.00 0.69 0.00	23.36 0.55 0.00	22.68 0.52 0.00	23.68 0.51 0.00	28.97 0.75 0.00	33.08 0.92 0.00	31.34 0.59 0.00	33.43 0.23 0.00	43.19 0.20 0.00	45.19 0.07 0.00	49.61 0.00 0.00	40.03 0.11 0.00	40.15 0.41 0.00	33.44 0.55 0.00	27.84 0.69 0.00
GARDNVLA_35_KV_LD 355827	21.93 0.34 0.00	21.45 0.23 0.00	20.80 0.19 0.00	19.92 0.03 0.00	19.98 0.00 0.00	26.80 0.70 0.00	34.05 0.60 0.00	40.14 -0.02 0.00	32.35 0.37 0.00	30.10 0.79 0.00	23.45 0.64 0.00	22.77 0.61 0.00	23.77 0.60 0.00	29.10 0.88 0.00	33.24 1.07 0.00	31.49 0.74 0.00	33.60 0.40 0.00	43.41 0.42 0.00	45.42 0.30 0.00	49.85 0.24 0.00	40.23 0.31 0.00	40.36 0.61 0.00	33.58 0.69 0.00	27.94 0.80 0.00
GELCKHM___115KV_LOAD 80723	21.34 -0.24 0.00	20.94 -0.28 0.00	20.32 -0.29 0.00	19.61 -0.28 0.00	19.71 -0.27 0.00	25.88 -0.22 0.00	33.19 -0.25 0.00	39.82 -0.34 0.00	31.81 -0.16 0.00	29.28 -0.03 0.00	22.70 -0.12 0.00	22.03 -0.13 0.00	23.04 -0.12 0.00	28.12 -0.11 0.00	32.05 -0.11 0.00	30.64 -0.16 -0.06	33.04 -0.16 0.00	43.95 -0.19 -1.15	46.32 -0.16 -1.35	51.28 -0.17 -1.85	39.76 0.00 0.00	39.57 -0.20 -0.03	32.72 -0.18 0.00	26.98 -0.16 0.00
GENERAL___MILLS 23808	21.89 0.30 0.00	21.42 0.20 0.00	20.77 0.16 0.00	19.90 0.01 0.00	19.96 -0.02 0.00	26.78 0.68 0.00	34.01 0.56 0.00	40.11 -0.06 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.74 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.16 1.00 0.00	31.42 0.67 0.00	33.52 0.32 0.00	43.31 0.31 0.00	45.31 0.19 0.00	49.74 0.13 0.00	40.14 0.22 0.00	40.27 0.53 0.00	33.52 0.63 0.00	27.90 0.76 0.00
GE_PLASTICS___DRP 24183	21.83 0.25 0.00	21.50 0.28 0.00	20.89 0.28 0.00	20.21 0.32 0.00	20.33 0.35 0.00	26.39 0.29 0.00	33.79 0.34 0.00	40.66 0.49 0.00	32.20 0.22 0.00	29.40 0.09 0.00	22.91 0.09 0.00	22.25 0.09 0.00	23.24 0.08 0.00	28.29 0.07 0.00	32.20 0.04 0.00	30.90 0.15 0.00	33.45 0.25 0.00	43.40 0.40 0.00	45.81 0.68 0.00	50.40 0.79 0.00	40.56 0.63 0.00	40.19 0.44 0.00	33.21 0.31 0.00	27.39 0.25 0.00
GILBOA___1 23756	21.91 0.32 0.00	21.63 0.41 0.00	21.08 0.46 0.00	20.31 0.42 0.00	20.41 0.43 0.00	26.50 0.40 0.00	33.93 0.48 0.00	40.78 0.62 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.12 0.30 0.00	22.50 0.34 0.00	23.55 0.39 0.00	28.68 0.45 0.00	32.63 0.47 0.00	31.21 0.47 0.00	33.66 0.46 0.00	43.48 0.48 0.00	45.69 0.57 0.00	50.21 0.60 0.00	40.52 0.59 0.00	40.32 0.58 0.00	33.35 0.46 0.00	27.53 0.38 0.00
GILBOA___2 23757	21.91 0.32 0.00	21.63 0.41 0.00	21.08 0.46 0.00	20.31 0.42 0.00	20.41 0.43 0.00	26.50 0.40 0.00	33.93 0.48 0.00	40.78 0.62 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.12 0.30 0.00	22.50 0.34 0.00	23.55 0.39 0.00	28.68 0.45 0.00	32.63 0.47 0.00	31.21 0.47 0.00	33.66 0.46 0.00	43.48 0.48 0.00	45.69 0.57 0.00	50.21 0.60 0.00	40.52 0.59 0.00	40.32 0.58 0.00	33.35 0.46 0.00	27.53 0.38 0.00

GILBOA___3 23758	21.91 0.32 0.00	21.63 0.41 0.00	21.08 0.46 0.00	20.31 0.42 0.00	20.41 0.43 0.00	26.50 0.40 0.00	33.93 0.48 0.00	40.78 0.62 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.12 0.30 0.00	22.50 0.34 0.00	23.55 0.39 0.00	28.68 0.45 0.00	32.63 0.47 0.00	31.21 0.47 0.00	33.66 0.46 0.00	43.48 0.48 0.00	45.69 0.57 0.00	50.21 0.60 0.00	40.52 0.59 0.00	40.32 0.58 0.00	33.35 0.46 0.00	27.53 0.38 0.00
GILBOA___4 23759	21.91 0.32 0.00	21.63 0.41 0.00	21.08 0.46 0.00	20.31 0.42 0.00	20.41 0.43 0.00	26.50 0.40 0.00	33.93 0.48 0.00	40.78 0.62 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.12 0.30 0.00	22.50 0.34 0.00	23.55 0.39 0.00	28.68 0.45 0.00	32.63 0.47 0.00	31.21 0.47 0.00	33.66 0.46 0.00	43.48 0.48 0.00	45.69 0.57 0.00	50.21 0.60 0.00	40.52 0.59 0.00	40.32 0.58 0.00	33.35 0.46 0.00	27.53 0.38 0.00
GILBOA___ 23599	21.91 0.32 0.00	21.63 0.41 0.00	21.08 0.46 0.00	20.31 0.42 0.00	20.41 0.43 0.00	26.50 0.40 0.00	33.93 0.48 0.00	40.78 0.62 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.12 0.31 0.00	22.50 0.34 0.00	23.55 0.39 0.00	28.68 0.46 0.00	32.63 0.47 0.00	31.22 0.47 0.00	33.66 0.46 0.00	43.48 0.48 0.00	45.69 0.57 0.00	50.20 0.60 0.00	40.52 0.59 0.00	40.32 0.58 0.00	33.35 0.46 0.00	27.53 0.38 0.00
GINNA___ 23603	21.97 0.38 0.00	21.52 0.31 0.00	20.87 0.26 0.00	20.04 0.15 0.00	20.13 0.15 0.00	26.69 0.59 0.00	34.19 0.74 0.00	40.74 0.58 0.00	32.64 0.67 0.00	30.16 0.85 0.00	23.47 0.66 0.00	22.75 0.59 0.00	23.75 0.58 0.00	28.99 0.77 0.00	33.13 0.97 0.00	31.54 0.79 0.00	33.87 0.68 0.00	43.94 0.95 0.00	46.12 0.99 0.00	50.67 1.06 0.00	40.77 0.85 0.00	40.60 0.86 0.00	33.65 0.76 0.00	27.84 0.69 0.00
GLEN PARK___ 23778	22.16 0.58 0.00	21.75 0.53 0.00	21.13 0.52 0.00	20.34 0.45 0.00	20.47 0.49 0.00	26.95 0.85 0.00	34.90 1.45 0.00	41.89 1.73 0.00	33.07 1.10 0.00	29.91 0.60 0.00	22.87 0.06 0.00	21.98 -0.19 0.00	22.68 -0.48 0.00	27.67 -0.55 0.00	31.66 -0.50 0.00	30.27 -0.56 -0.08	32.89 -0.30 0.00	44.57 0.10 -1.48	47.80 0.95 -1.73	53.52 1.55 -2.37	41.99 2.07 0.00	41.65 1.87 -0.04	34.00 1.11 0.00	27.88 0.74 0.00
GLENDALE_27_KV_LOAD 356172	22.70 1.12 0.00	22.33 1.11 0.00	21.68 1.07 0.00	20.98 1.09 0.00	21.08 1.10 0.00	27.43 1.33 0.00	35.23 1.78 0.00	42.31 2.15 0.00	33.69 1.72 0.00	30.95 1.64 0.00	24.23 1.42 0.00	23.69 1.52 0.00	24.85 1.69 0.00	30.24 2.01 0.00	34.34 2.17 0.00	32.75 2.01 0.00	35.30 2.10 0.00	45.42 2.43 0.00	47.73 2.60 0.00	52.47 2.86 0.00	42.10 2.18 0.00	41.79 2.04 0.00	34.57 1.68 0.00	28.51 1.36 0.00
GLENWOOD_IC_1_G5 23712	22.64 1.06 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.23 1.79 0.00	42.16 2.00 0.00	33.57 1.60 0.00	30.83 1.52 0.00	24.23 1.41 0.00	23.62 1.46 0.00	24.74 1.58 0.00	30.03 1.81 0.00	34.25 2.09 0.00	32.61 1.87 0.00	35.13 1.93 0.00	44.86 1.86 0.00	47.19 2.07 0.00	51.85 2.24 0.00	41.55 1.63 0.00	41.53 1.79 0.00	34.46 1.57 0.00	28.41 1.27 0.00
GLENWOOD_IC_2_G1 23688	22.60 1.01 0.00	22.27 1.05 0.00	21.55 0.94 0.00	20.87 0.98 0.00	21.00 1.02 0.00	27.41 1.31 0.00	35.16 1.71 0.00	42.07 1.91 0.00	33.49 1.51 0.00	30.75 1.44 0.00	24.16 1.34 0.00	23.56 1.39 0.00	24.68 1.51 0.00	29.94 1.72 0.00	34.13 1.97 0.00	32.51 1.77 0.00	35.04 1.84 0.00	44.99 2.00 0.00	47.35 2.23 0.00	52.01 2.40 0.00	41.69 1.76 0.00	41.48 1.74 0.00	34.39 1.50 0.00	28.36 1.22 0.00
GLENWOOD_IC_3_G1 23689	22.60 1.01 0.00	22.27 1.05 0.00	21.55 0.94 0.00	20.87 0.98 0.00	21.00 1.02 0.00	27.41 1.31 0.00	35.16 1.71 0.00	42.07 1.91 0.00	33.49 1.51 0.00	30.75 1.44 0.00	24.16 1.34 0.00	23.56 1.39 0.00	24.68 1.51 0.00	29.94 1.72 0.00	34.13 1.97 0.00	32.51 1.77 0.00	35.04 1.84 0.00	44.99 2.00 0.00	47.35 2.23 0.00	52.01 2.40 0.00	41.69 1.76 0.00	41.48 1.74 0.00	34.39 1.50 0.00	28.36 1.22 0.00
GLENWOOD___4 23550	22.64 1.06 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.23 1.79 0.00	42.16 2.00 0.00	33.57 1.60 0.00	30.83 1.52 0.00	24.23 1.41 0.00	23.62 1.46 0.00	24.74 1.58 0.00	30.03 1.81 0.00	34.25 2.09 0.00	32.61 1.87 0.00	35.14 1.94 0.00	44.96 1.97 0.00	47.31 2.19 0.00	51.97 2.36 0.00	41.65 1.73 0.00	41.55 1.80 0.00	34.46 1.57 0.00	28.41 1.27 0.00
GLENWOOD___5 23614	22.64 1.06 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.23 1.79 0.00	42.16 2.00 0.00	33.57 1.60 0.00	30.83 1.52 0.00	24.23 1.41 0.00	23.62 1.46 0.00	24.74 1.58 0.00	30.03 1.81 0.00	34.25 2.09 0.00	32.61 1.87 0.00	35.14 1.94 0.00	44.96 1.97 0.00	47.31 2.19 0.00	51.97 2.36 0.00	41.65 1.73 0.00	41.55 1.80 0.00	34.46 1.57 0.00	28.41 1.27 0.00
GLOBAL GREEN_PORT_GT1 23814	22.63 1.04 0.00	22.57 1.36 0.00	21.89 1.27 0.00	21.21 1.32 0.00	21.37 1.39 0.00	27.61 1.51 0.00	35.32 1.87 0.00	42.00 1.84 0.00	33.29 1.32 0.00	30.40 1.09 0.00	24.19 1.38 0.00	23.46 1.30 0.00	24.45 1.29 0.00	29.59 1.37 0.00	33.82 1.65 0.00	32.17 1.43 0.00	34.86 1.67 0.00	44.97 1.98 0.00	47.77 2.64 0.00	52.08 2.48 0.00	41.75 1.83 0.00	41.29 1.55 0.00	34.26 1.37 0.00	28.39 1.25 0.00
GLOBE___DSASP 323697	21.43 -0.15 0.00	20.97 -0.25 0.00	20.37 -0.24 0.00	19.48 -0.41 0.00	19.54 -0.44 0.00	26.16 0.06 0.00	33.15 -0.30 0.00	38.98 -1.18 0.00	31.45 -0.52 0.00	29.19 -0.12 0.00	22.78 -0.03 0.00	22.05 -0.11 0.00	23.00 -0.17 0.00	28.13 -0.09 0.00	32.16 -0.01 0.00	30.47 -0.28 0.00	32.23 -0.97 0.00	41.49 -1.51 0.00	43.39 -1.73 0.00	47.62 -1.99 0.00	38.49 -1.43 0.00	38.66 -1.08 0.00	32.29 -0.60 0.00	26.98 -0.16 0.00
GOETHSLN___LBMP 323567	22.55 0.96 0.00	22.17 0.94 0.00	21.49 0.88 0.00	20.81 0.93 0.00	20.92 0.94 0.00	27.27 1.17 0.00	34.97 1.52 0.00	41.93 1.77 0.00	33.34 1.37 0.00	30.63 1.32 0.00	23.97 1.16 0.00	23.44 1.28 0.00	24.61 1.44 0.00	29.95 1.72 0.00	33.99 1.82 0.00	32.42 1.68 0.00	34.96 1.77 0.00	44.99 1.99 0.00	47.28 2.16 0.00	51.97 2.36 0.00	41.68 1.76 0.00	41.36 1.62 0.00	34.24 1.35 0.00	28.29 1.14 0.00
GOLAH___69_KV_TB 1_2 80279	22.14 0.55 0.00	21.65 0.43 0.00	20.98 0.37 0.00	20.13 0.24 0.00	20.22 0.24 0.00	26.92 0.82 0.00	34.41 0.96 0.00	40.90 0.74 0.00	32.83 0.86 0.00	30.34 1.03 0.00	23.61 0.80 0.00	22.87 0.70 0.00	23.83 0.67 0.00	29.08 0.86 0.00	33.20 1.04 0.00	31.59 0.84 0.00	33.87 0.67 0.00	43.98 0.99 0.00	46.20 1.08 0.00	50.81 1.21 0.00	40.90 0.98 0.00	40.77 1.02 0.00	33.82 0.93 0.00	28.04 0.89 0.00

GOODYEAR_LAKE_HYD 323669	22.30 0.71 0.00	21.91 0.69 0.00	21.29 0.68 0.00	20.51 0.63 0.00	20.60 0.62 0.00	27.03 0.94 0.00	34.81 1.36 0.00	41.79 1.63 0.00	33.22 1.25 0.00	30.50 1.20 0.00	23.78 0.97 0.00	23.14 0.97 0.00	24.19 1.03 0.00	29.50 1.28 0.00	33.61 1.45 0.00	32.09 1.33 -0.02	34.58 1.38 0.00	45.09 1.83 -0.26	47.36 1.93 -0.31	52.07 2.04 -0.42	41.55 1.63 0.00	41.33 1.58 -0.01	34.16 1.27 0.00	28.15 1.01 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.70 0.12 0.00	21.31 0.09 0.00	20.66 0.05 0.00	19.95 0.06 0.00	20.03 0.05 0.00	26.44 0.34 0.00	33.84 0.40 0.00	40.58 0.42 0.00	32.40 0.42 0.00	29.94 0.63 0.00	23.25 0.44 0.00	22.65 0.49 0.00	23.68 0.52 0.00	28.90 0.68 0.00	32.86 0.70 0.00	31.33 0.55 -0.04	33.79 0.60 0.00	44.44 0.77 -0.67	46.76 0.85 -0.79	51.55 0.87 -1.08	40.62 0.70 0.00	40.53 0.77 -0.02	33.54 0.65 0.00	27.68 0.53 0.00
GOUDEY___7 23579	21.70 0.12 0.00	21.31 0.09 0.00	20.66 0.05 0.00	19.95 0.06 0.00	20.03 0.05 0.00	26.44 0.34 0.00	33.84 0.40 0.00	40.58 0.42 0.00	32.40 0.42 0.00	29.94 0.63 0.00	23.25 0.44 0.00	22.65 0.49 0.00	23.68 0.52 0.00	28.90 0.68 0.00	32.86 0.70 0.00	31.33 0.55 -0.04	33.79 0.60 0.00	44.44 0.77 -0.67	46.76 0.85 -0.79	51.55 0.87 -1.08	40.62 0.70 0.00	40.53 0.77 -0.02	33.54 0.65 0.00	27.68 0.53 0.00
GOUDEY___8 23580	21.70 0.12 0.00	21.31 0.09 0.00	20.66 0.05 0.00	19.95 0.06 0.00	20.03 0.05 0.00	26.44 0.34 0.00	33.84 0.40 0.00	40.58 0.42 0.00	32.40 0.42 0.00	29.94 0.63 0.00	23.25 0.44 0.00	22.65 0.49 0.00	23.68 0.52 0.00	28.90 0.68 0.00	32.86 0.70 0.00	31.33 0.55 -0.04	33.79 0.60 0.00	44.44 0.77 -0.67	46.76 0.85 -0.79	51.55 0.87 -1.08	40.62 0.70 0.00	40.53 0.77 -0.02	33.54 0.65 0.00	27.68 0.53 0.00
GOWANUS_GT1_1 24077	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_2 24078	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_3 24079	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_4 24080	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_5 24084	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_6 24111	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_7 24112	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT1_8 24113	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT2_1 24114	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT2_2 24115	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT2_3 24116	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00

GOWANUS_GT2_4 24117	22.65 <span>1.06</span> <span>0.00</span>	22.26 <span>1.04</span> <span>0.00</span>	21.59 <span>0.98</span> <span>0.00</span>	20.90 <span>1.01</span> <span>0.00</span>	21.01 <span>1.03</span> <span>0.00</span>	27.34 <span>1.24</span> <span>0.00</span>	35.09 <span>1.64</span> <span>0.00</span>	42.13 <span>1.97</span> <span>0.00</span>	33.56 <span>1.58</span> <span>0.00</span>	30.83 <span>1.52</span> <span>0.00</span>	24.14 <span>1.33</span> <span>0.00</span>	23.59 <span>1.43</span> <span>0.00</span>	24.76 <span>1.60</span> <span>0.00</span>	30.13 <span>1.91</span> <span>0.00</span>	34.21 <span>2.05</span> <span>0.00</span>	32.63 <span>1.88</span> <span>0.00</span>	35.17 <span>1.98</span> <span>0.00</span>	45.23 <span>2.23</span> <span>0.00</span>	47.53 <span>2.41</span> <span>0.00</span>	52.28 <span>2.67</span> <span>0.00</span>	41.96 <span>2.03</span> <span>0.00</span>	41.65 <span>1.91</span> <span>0.00</span>	34.49 <span>1.60</span> <span>0.00</span>	28.45 <span>1.31</span> <span>0.00</span>
GOWANUS_GT2_5 24118	22.65 <span>1.06</span> <span>0.00</span>	22.26 <span>1.04</span> <span>0.00</span>	21.59 <span>0.98</span> <span>0.00</span>	20.90 <span>1.01</span> <span>0.00</span>	21.01 <span>1.03</span> <span>0.00</span>	27.34 <span>1.24</span> <span>0.00</span>	35.09 <span>1.64</span> <span>0.00</span>	42.13 <span>1.97</span> <span>0.00</span>	33.56 <span>1.58</span> <span>0.00</span>	30.83 <span>1.52</span> <span>0.00</span>	24.14 <span>1.33</span> <span>0.00</span>	23.59 <span>1.43</span> <span>0.00</span>	24.76 <span>1.60</span> <span>0.00</span>	30.13 <span>1.91</span> <span>0.00</span>	34.21 <span>2.05</span> <span>0.00</span>	32.63 <span>1.88</span> <span>0.00</span>	35.17 <span>1.98</span> <span>0.00</span>	45.23 <span>2.23</span> <span>0.00</span>	47.53 <span>2.41</span> <span>0.00</span>	52.28 <span>2.67</span> <span>0.00</span>	41.96 <span>2.03</span> <span>0.00</span>	41.65 <span>1.91</span> <span>0.00</span>	34.49 <span>1.60</span> <span>0.00</span>	28.45 <span>1.31</span> <span>0.00</span>
GOWANUS_GT2_6 24119	22.65 <span>1.06</span> <span>0.00</span>	22.26 <span>1.04</span> <span>0.00</span>	21.59 <span>0.98</span> <span>0.00</span>	20.90 <span>1.01</span> <span>0.00</span>	21.01 <span>1.03</span> <span>0.00</span>	27.34 <span>1.24</span> <span>0.00</span>	35.09 <span>1.64</span> <span>0.00</span>	42.13 <span>1.97</span> <span>0.00</span>	33.56 <span>1.58</span> <span>0.00</span>	30.83 <span>1.52</span> <span>0.00</span>	24.14 <span>1.33</span> <span>0.00</span>	23.59 <span>1.43</span> <span>0.00</span>	24.76 <span>1.60</span> <span>0.00</span>	30.13 <span>1.91</span> <span>0.00</span>	34.21 <span>2.05</span> <span>0.00</span>	32.63 <span>1.88</span> <span>0.00</span>	35.17 <span>1.98</span> <span>0.00</span>	45.23 <span>2.23</span> <span>0.00</span>	47.53 <span>2.41</span> <span>0.00</span>	52.28 <span>2.67</span> <span>0.00</span>	41.96 <span>2.03</span> <span>0.00</span>	41.65 <span>1.91</span> <span>0.00</span>	34.49 <span>1.60</span> <span>0.00</span>	28.45 <span>1.31</span> <span>0.00</span>
GOWANUS_GT2_7 24120	22.65 <span>1.06</span> <span>0.00</span>	22.26 <span>1.04</span> <span>0.00</span>	21.59 <span>0.98</span> <span>0.00</span>	20.90 <span>1.01</span> <span>0.00</span>	21.01 <span>1.03</span> <span>0.00</span>	27.34 <span>1.24</span> <span>0.00</span>	35.09 <span>1.64</span> <span>0.00</span>	42.13 <span>1.97</span> <span>0.00</span>	33.56 <span>1.58</span> <span>0.00</span>	30.83 <span>1.52</span> <span>0.00</span>	24.14 <span>1.33</span> <span>0.00</span>	23.59 <span>1.43</span> <span>0.00</span>	24.76 <span>1.60</span> <span>0.00</span>	30.13 <span>1.91</span> <span>0.00</span>	34.21 <span>2.05</span> <span>0.00</span>	32.63 <span>1.88</span> <span>0.00</span>	35.17 <span>1.98</span> <span>0.00</span>	45.23 <span>2.23</span> <span>0.00</span>	47.53 <span>2.41</span> <span>0.00</span>	52.28 <span>2.67</span> <span>0.00</span>	41.96 <span>2.03</span> <span>0.00</span>	41.65 <span>1.91</span> <span>0.00</span>	34.49 <span>1.60</span> <span>0.00</span>	28.45 <span>1.31</span> <span>0.00</span>
GOWANUS_GT2_8 24121	22.65 <span>1.06</span> <span>0.00</span>	22.26 <span>1.04</span> <span>0.00</span>	21.59 <span>0.98</span> <span>0.00</span>	20.90 <span>1.01</span> <span>0.00</span>	21.01 <span>1.03</span> <span>0.00</span>	27.34 <span>1.24</span> <span>0.00</span>	35.09 <span>1.64</span> <span>0.00</span>	42.13 <span>1.97</span> <span>0.00</span>	33.56 <span>1.58</span> <span>0.00</span>	30.83 <span>1.52</span> <span>0.00</span>	24.14 <span>1.33</span> <span>0.00</span>	23.59 <span>1.43</span> <span>0.00</span>	24.76 <span>1.60</span> <span>0.00</span>	30.13 <span>1.91</span> <span>0.00</span>	34.21 <span>2.05</span> <span>0.00</span>	32.63 <span>1.88</span> <span>0.00</span>	35.17 <span>1.98</span> <span>0.00</span>	45.23 <span>2.23</span> <span>0.00</span>	47.53 <span>2.41</span> <span>0.00</span>	52.28 <span>2.67</span> <span>0.00</span>	41.96 <span>2.03</span> <span>0.00</span>	41.65 <span>1.91</span> <span>0.00</span>	34.49 <span>1.60</span> <span>0.00</span>	28.45 <span>1.31</span> <span>0.00</span>
GOWANUS_GT3_1 24122	22.65 <span>1.06</span> <span>0.00</span>	22.26 <span>1.04</span> <span>0.00</span>	21.59 <span>0.98</span> <span>0.00</span>	20.90 <span>1.01</span> <span>0.00</span>	21.01 <span>1.03</span> <span>0.00</span>	27.34 <span>1.24</span> <span>0.00</span>	35.09 <span>1.64</span> <span>0.00</span>	42.13 <span>1.97</span> 																

GOWANUS_GT4_3 24132	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT4_4 24133	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT4_5 24134	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT4_6 24135	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT4_7 24136	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GOWANUS_GT4_8 24137	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GREENBSH_115KV_TB3 55895	21.77 0.18 0.00	21.42 0.20 0.00	20.82 0.21 0.00	20.15 0.26 0.00	20.27 0.29 0.00	26.30 0.20 0.00	33.67 0.23 0.00	40.51 0.35 0.00	32.07 0.10 0.00	29.27 -0.04 0.00	22.82 0.01 0.00	22.17 0.01 0.00	23.18 0.01 0.00	28.21 -0.02 0.00	32.12 -0.04 0.00	30.83 0.08 0.00	33.36 0.16 0.00	43.27 0.28 0.00	45.67 0.55 0.00	50.25 0.64 0.00	40.44 0.51 0.00	40.05 0.31 0.00	33.09 0.20 0.00	27.30 0.16 0.00
GREENIDGE_115KV_TB5 80291	21.97 0.38 0.00	21.50 0.28 0.00	20.83 0.22 0.00	20.07 0.18 0.00	20.17 0.19 0.00	26.79 0.69 0.00	34.27 0.83 0.00	41.04 0.87 0.00	32.92 0.94 0.00	30.46 1.15 0.00	23.62 0.81 0.00	22.90 0.74 0.00	23.82 0.66 0.00	29.11 0.89 0.00	33.18 1.02 0.00	31.64 0.86 -0.03	34.05 0.85 0.00	44.77 1.21 -0.56	47.19 1.41 -0.66	52.04 1.53 -0.90	41.06 1.14 0.00	40.79 1.04 -0.01	33.90 1.01 0.00	28.06 0.91 0.00
GREENIDGE___3 23582	21.97 0.38 0.00	21.50 0.28 0.00	20.83 0.22 0.00	20.07 0.18 0.00	20.17 0.19 0.00	26.79 0.69 0.00	34.27 0.83 0.00	41.04 0.87 0.00	32.92 0.94 0.00	30.46 1.15 0.00	23.62 0.81 0.00	22.90 0.74 0.00	23.82 0.66 0.00	29.11 0.89 0.00	33.18 1.02 0.00	31.64 0.86 -0.03	34.05 0.85 0.00	44.77 1.21 -0.56	47.19 1.41 -0.66	52.04 1.53 -0.90	41.06 1.14 0.00	40.79 1.04 -0.01	33.90 1.01 0.00	28.06 0.91 0.00
GREENIDGE___4 23583	21.97 0.38 0.00	21.50 0.28 0.00	20.83 0.22 0.00	20.07 0.18 0.00	20.17 0.19 0.00	26.79 0.69 0.00	34.27 0.82 0.00	41.03 0.87 0.00	32.91 0.94 0.00	30.46 1.15 0.00	23.62 0.81 0.00	22.90 0.74 0.00	23.82 0.66 0.00	29.11 0.89 0.00	33.18 1.02 0.00	31.63 0.86 -0.03	34.06 0.86 0.00	44.77 1.21 -0.56	47.18 1.40 -0.66	52.03 1.52 -0.90	41.06 1.14 0.00	40.80 1.05 -0.01	33.93 1.04 0.00	28.06 0.91 0.00
GREENLWN_69_KV_BK 3 55738	22.49 0.90 0.00	22.18 0.96 0.00	21.46 0.85 0.00	20.79 0.91 0.00	20.94 0.95 0.00	27.32 1.23 0.00	34.97 1.53 0.00	41.70 1.54 0.00	33.21 1.24 0.00	30.52 1.21 0.00	24.02 1.20 0.00	23.41 1.25 0.00	24.51 1.35 0.00	29.68 1.46 0.00	33.78 1.62 0.00	32.13 1.38 0.00	34.57 1.38 0.00	44.42 1.42 0.00	46.80 1.68 0.00	51.41 1.81 0.00	41.21 1.29 0.00	41.01 1.27 0.00	34.08 1.19 0.00	28.13 0.98 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
GRISSOM___SOLAR 323813	22.77 1.18 0.00	22.35 1.13 0.00	21.71 1.10 0.00	20.93 1.04 0.00	21.05 1.07 0.00	27.56 1.47 0.00	35.52 2.07 0.00	42.73 2.57 0.00	33.71 1.74 0.00	30.50 1.19 0.00	23.69 0.88 0.00	22.79 0.63 0.00	23.50 0.34 0.00	28.55 0.33 0.00	32.68 0.51 0.00	31.45 0.70 0.00	34.25 1.06 0.00	45.20 2.20 0.00	47.99 2.87 0.00	52.86 3.26 0.00	42.50 2.57 0.00	42.21 2.47 0.00	34.88 1.99 0.00	28.71 1.57 0.00
GROVEVILLE___HYD 323602	22.52 0.93 0.00	22.15 0.93 0.00	21.48 0.87 0.00	20.79 0.91 0.00	20.90 0.92 0.00	27.25 1.15 0.00	34.95 1.51 0.00	42.03 1.87 0.00	33.41 1.43 0.00	30.60 1.29 0.00	23.89 1.08 0.00	23.30 1.14 0.00	24.45 1.29 0.00	29.79 1.57 0.00	33.89 1.73 0.00	32.40 1.66 0.00	34.99 1.80 0.00	45.25 2.25 0.00	47.60 2.48 0.00	52.32 2.71 0.00	41.99 2.06 0.00	41.58 1.84 0.00	34.35 1.46 0.00	28.32 1.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.18 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.08 -0.08 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00

HAMLTNNY_34_KV_TB 80303	21.51 -0.07 0.00	21.09 -0.12 0.00	20.47 -0.14 0.00	19.74 -0.14 0.00	19.85 -0.13 0.00	26.10 0.00 0.00	33.47 0.02 0.00	40.14 -0.02 0.00	32.15 0.18 0.00	29.58 0.27 0.00	22.94 0.13 0.00	22.24 0.08 0.00	23.26 0.09 0.00	28.37 0.15 0.00	32.39 0.23 0.00	30.99 0.14 -0.10	33.38 0.18 0.00	45.12 0.30 -1.83	47.55 0.29 -2.14	52.90 0.36 -2.93	40.18 0.26 0.00	40.00 0.22 -0.05	33.06 0.17 0.00	27.26 0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	22.07 0.49 0.00	21.66 0.44 0.00	21.05 0.43 0.00	20.25 0.36 0.00	20.35 0.37 0.00	26.65 0.55 0.00	34.34 0.90 0.00	41.16 1.00 0.00	32.50 0.53 0.00	29.50 0.19 0.00	22.78 -0.03 0.00	21.97 -0.19 0.00	22.74 -0.42 0.00	27.64 -0.58 0.00	31.64 -0.53 0.00	30.26 -0.52 -0.03	32.72 -0.48 0.00	43.20 -0.39 -0.59	45.72 -0.09 -0.70	50.77 0.20 -0.95	40.63 0.70 0.00	40.59 0.83 -0.02	33.46 0.56 0.00	27.60 0.45 0.00
HARDSCRABBLE_WT_PWR 323673	21.65 0.06 0.00	21.33 0.11 0.00	20.71 0.09 0.00	20.04 0.15 0.00	20.18 0.20 0.00	26.24 0.14 0.00	33.59 0.14 0.00	40.47 0.31 0.00	31.98 0.01 0.00	29.00 -0.31 0.00	22.56 -0.26 0.00	21.85 -0.31 0.00	22.71 -0.45 0.00	27.68 -0.54 0.00	31.55 -0.61 0.00	30.30 -0.45 0.00	32.92 -0.28 0.00	43.04 0.04 0.00	45.47 0.34 0.00	49.93 0.32 0.00	40.19 0.27 0.00	39.77 0.04 0.00	32.83 -0.06 0.00	27.04 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.33 0.75 0.00	21.94 0.73 0.00	21.27 0.66 0.00	20.59 0.70 0.00	20.70 0.72 0.00	27.04 0.94 0.00	34.69 1.25 0.00	41.66 1.50 0.00	33.11 1.13 0.00	30.35 1.05 0.00	23.72 0.91 0.00	23.17 1.01 0.00	24.31 1.15 0.00	29.62 1.40 0.00	33.66 1.50 0.00	32.16 1.42 0.00	34.75 1.55 0.00	44.95 1.95 0.00	47.22 2.09 0.00	51.89 2.28 0.00	41.61 1.69 0.00	41.22 1.48 0.00	34.06 1.17 0.00	28.08 0.94 0.00
HARSNRAD_115KV_TB1 81005	21.70 0.12 0.00	21.23 0.01 0.00	20.61 0.00 0.00	19.71 -0.17 0.00	19.79 -0.20 0.00	26.50 0.41 0.00	33.65 0.20 0.00	39.55 -0.61 0.00	31.86 -0.11 0.00	29.59 0.28 0.00	23.09 0.28 0.00	22.35 0.18 0.00	23.29 0.13 0.00	28.50 0.27 0.00	32.55 0.38 0.00	30.84 0.09 0.00	32.80 -0.39 0.00	42.39 -0.60 0.00	44.40 -0.72 0.00	48.76 -0.85 0.00	39.38 -0.55 0.00	39.52 -0.22 0.00	32.99 0.10 0.00	27.56 0.41 0.00
HARZA MOOSE___RIVER 24016	22.14 0.55 0.00	21.73 0.51 0.00	21.11 0.49 0.00	20.35 0.46 0.00	20.46 0.48 0.00	26.84 0.74 0.00	34.59 1.14 0.00	41.55 1.39 0.00	32.90 0.92 0.00	29.98 0.67 0.00	23.14 0.33 0.00	22.40 0.24 0.00	23.25 0.09 0.00	28.35 0.13 0.00	32.39 0.23 0.00	30.99 0.22 -0.03	33.61 0.41 0.00	44.26 0.77 -0.50	46.83 1.12 -0.58	51.91 1.51 -0.80	41.43 1.51 0.00	41.14 1.39 -0.01	33.80 0.91 0.00	27.79 0.65 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.36 -0.22 0.00	20.96 -0.26 0.00	20.34 -0.27 0.00	19.62 -0.27 0.00	19.73 -0.26 0.00	25.90 -0.20 0.00	33.23 -0.22 0.00	39.86 -0.30 0.00	31.81 -0.16 0.00	29.28 -0.03 0.00	22.72 -0.09 0.00	22.07 -0.09 0.00	23.08 -0.09 0.00	28.16 -0.06 0.00	32.10 -0.07 0.00	30.69 -0.11 -0.05	33.06 -0.14 0.00	43.78 -0.17 -0.95	46.11 -0.13 -1.11	50.96 -0.17 -1.53	39.77 -0.15 0.00	39.58 -0.19 -0.03	32.76 -0.14 0.00	27.01 -0.13 0.00
HELLGATE_13_KV_LD 55870	22.62 1.03 0.00	22.24 1.02 0.00	21.61 1.00 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.30 1.20 0.00	35.07 1.62 0.00	42.09 1.93 0.00	33.50 1.52 0.00	30.77 1.46 0.00	24.10 1.29 0.00	23.55 1.39 0.00	24.71 1.55 0.00	30.06 1.83 0.00	34.14 1.98 0.00	32.56 1.81 0.00	35.08 1.88 0.00	45.15 2.16 0.00	47.45 2.32 0.00	52.15 2.55 0.00	41.86 1.94 0.00	41.56 1.82 0.00	34.39 1.50 0.00	28.37 1.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.62 1.03 0.00	22.24 1.02 0.00	21.61 1.00 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.30 1.20 0.00	35.07 1.62 0.00	42.09 1.93 0.00	33.50 1.52 0.00	30.77 1.46 0.00	24.10 1.29 0.00	23.55 1.39 0.00	24.71 1.55 0.00	30.06 1.83 0.00	34.14 1.98 0.00	32.56 1.81 0.00	35.08 1.88 0.00	45.15 2.16 0.00	47.45 2.32 0.00	52.15 2.55 0.00	41.86 1.94 0.00	41.56 1.82 0.00	34.39 1.50 0.00	28.37 1.22 0.00
HEMPSTEAD____ 23647	22.53 0.94 0.00	22.20 0.98 0.00	21.48 0.87 0.00	20.80 0.91 0.00	20.94 0.96 0.00	27.33 1.23 0.00	35.05 1.61 0.00	41.93 1.77 0.00	33.38 1.40 0.00	30.64 1.33 0.00	24.09 1.28 0.00	23.49 1.32 0.00	24.59 1.43 0.00	29.83 1.61 0.00	34.02 1.86 0.00	32.38 1.64 0.00	34.88 1.69 0.00	44.77 1.78 0.00	47.11 1.99 0.00	51.77 2.16 0.00	41.50 1.58 0.00	41.30 1.56 0.00	34.26 1.37 0.00	28.26 1.11 0.00
HEWLETT_69_KV_BK3 55828	22.71 1.12 0.00	22.36 1.14 0.00	21.64 1.04 0.00	20.96 1.07 0.00	21.09 1.11 0.00	27.53 1.44 0.00	35.33 1.88 0.00	42.28 2.11 0.00	33.63 1.66 0.00	30.90 1.59 0.00	24.28 1.47 0.00	23.69 1.52 0.00	24.77 1.60 0.00	29.99 1.77 0.00	34.34 2.17 0.00	32.71 1.96 0.00	35.25 2.06 0.00	45.37 2.38 0.00	47.77 2.64 0.00	52.50 2.89 0.00	42.03 2.11 0.00	41.73 1.99 0.00	34.56 1.67 0.00	28.52 1.37 0.00
HICKLING___1 23621	21.79 0.20 0.00	21.34 0.12 0.00	20.66 0.05 0.00	19.93 0.05 0.00	20.02 0.04 0.00	26.68 0.58 0.00	34.14 0.69 0.00	41.13 0.97 0.00	32.86 0.88 0.00	30.46 1.15 0.00	23.63 0.82 0.00	22.99 0.83 0.00	24.03 0.87 0.00	29.40 1.17 0.00	33.39 1.23 0.00	31.79 1.02 -0.03	34.23 1.03 0.00	44.98 1.42 -0.56	47.33 1.55 -0.66	52.12 1.61 -0.91	41.17 1.25 0.00	41.13 1.38 -0.02	34.06 1.17 0.00	28.12 0.98 0.00
HICKLING___2 23622	21.79 0.20 0.00	21.34 0.12 0.00	20.66 0.05 0.00	19.93 0.05 0.00	20.02 0.04 0.00	26.68 0.58 0.00	34.14 0.69 0.00	41.13 0.97 0.00	32.86 0.88 0.00	30.46 1.15 0.00	23.63 0.82 0.00	22.99 0.83 0.00	24.03 0.87 0.00	29.40 1.17 0.00	33.39 1.23 0.00	31.79 1.02 -0.03	34.23 1.03 0.00	44.98 1.42 -0.56	47.33 1.55 -0.66	52.12 1.61 -0.91	41.17 1.25 0.00	41.13 1.38 -0.02	34.06 1.17 0.00	28.12 0.98 0.00
HIGH FALLS___HY 23754	22.36 0.77 0.00	21.98 0.76 0.00	21.31 0.70 0.00	20.62 0.73 0.00	20.72 0.74 0.00	27.05 0.96 0.00	34.75 1.30 0.00	41.78 1.62 0.00	33.38 1.41 0.00	30.61 1.30 0.00	23.87 1.06 0.00	23.22 1.06 0.00	24.42 1.26 0.00	29.77 1.55 0.00	33.89 1.73 0.00	32.33 1.58 0.00	34.95 1.75 0.00	45.20 2.20 0.00	47.48 2.36 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.52 1.78 0.00	34.30 1.41 0.00	28.26 1.12 0.00
HIGH_RIVER___SOLAR 323847	22.39 0.80 0.00	22.00 0.79 0.00	21.38 0.77 0.00	20.64 0.76 0.00	20.76 0.78 0.00	27.08 0.98 0.00	34.78 1.33 0.00	41.79 1.63 0.00	32.97 1.00 0.00	30.06 0.75 0.00	23.40 0.58 0.00	22.57 0.41 0.00	23.34 0.18 0.00	28.39 0.16 0.00	32.41 0.25 0.00	31.23 0.49 0.00	33.82 0.62 0.00	44.42 1.42 0.00	47.04 1.91 0.00	51.76 2.16 0.00	41.64 1.72 0.00	41.34 1.60 0.00	34.17 1.28 0.00	28.17 1.03 0.00

HILLBURN___GT 23639	22.29 0.70 0.00	21.90 0.69 0.00	21.22 0.61 0.00	20.55 0.66 0.00	20.66 0.67 0.00	26.99 0.89 0.00	34.64 1.19 0.00	41.57 1.41 0.00	33.01 1.04 0.00	30.27 0.96 0.00	23.66 0.85 0.00	23.13 0.97 0.00	24.30 1.14 0.00	29.60 1.37 0.00	33.61 1.45 0.00	32.07 1.32 0.00	34.63 1.44 0.00	44.74 1.75 0.00	47.03 1.91 0.00	51.67 2.06 0.00	41.42 1.50 0.00	41.04 1.30 0.00	33.94 1.05 0.00	27.99 0.85 0.00
HILLSIDE_115KV_TB1 80332	21.46 -0.13 0.00	21.03 -0.18 0.00	20.35 -0.26 0.00	19.66 -0.23 0.00	19.74 -0.25 0.00	26.27 0.17 0.00	33.59 0.14 0.00	40.56 0.40 0.00	32.41 0.44 0.00	30.06 0.75 0.00	23.32 0.51 0.00	22.72 0.56 0.00	23.76 0.60 0.00	29.04 0.82 0.00	32.98 0.81 0.00	31.39 0.62 -0.03	33.83 0.64 0.00	44.44 0.85 -0.59	46.76 0.95 -0.69	51.49 0.93 -0.95	40.66 0.73 0.00	40.63 0.87 -0.02	33.66 0.77 0.00	27.78 0.64 0.00
HISHELDN_WT_PWR 323625	21.74 0.15 0.00	21.27 0.05 0.00	20.63 0.02 0.00	19.80 -0.09 0.00	19.87 -0.11 0.00	26.61 0.52 0.00	33.83 0.38 0.00	40.03 -0.13 0.00	32.18 0.21 0.00	29.89 0.59 0.00	23.28 0.47 0.00	22.62 0.45 0.00	23.61 0.45 0.00	28.91 0.68 0.00	32.98 0.82 0.00	31.25 0.51 0.00	33.38 0.18 0.00	43.16 0.17 0.00	45.18 0.05 0.00	49.57 -0.03 0.00	39.96 0.04 0.00	40.02 0.28 0.00	33.32 0.43 0.00	27.71 0.57 0.00
HOLTSVILLE_IC_1 23690	22.55 0.96 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.05 1.07 0.00	27.40 1.30 0.00	35.10 1.66 0.00	41.80 1.64 0.00	33.27 1.30 0.00	30.55 1.24 0.00	24.09 1.27 0.00	23.45 1.28 0.00	24.51 1.35 0.00	29.65 1.43 0.00	33.81 1.64 0.00	32.17 1.43 0.00	34.67 1.48 0.00	44.55 1.55 0.00	47.04 1.92 0.00	51.64 2.03 0.00	41.44 1.52 0.00	41.22 1.48 0.00	34.20 1.31 0.00	28.21 1.07 0.00
HOLTSVILLE_IC_10 23699	22.60 1.01 0.00	22.37 1.15 0.00	21.63 1.02 0.00	20.95 1.06 0.00	21.12 1.14 0.00	27.45 1.36 0.00	35.18 1.73 0.00	41.90 1.74 0.00	33.36 1.38 0.00	30.63 1.32 0.00	24.16 1.35 0.00	23.52 1.35 0.00	24.57 1.41 0.00	29.70 1.48 0.00	33.87 1.71 0.00	32.24 1.49 0.00	34.77 1.57 0.00	44.70 1.70 0.00	47.23 2.10 0.00	51.81 2.20 0.00	41.59 1.67 0.00	41.35 1.61 0.00	34.28 1.39 0.00	28.27 1.13 0.00
HOLTSVILLE_IC_2 23691	22.55 0.96 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.05 1.07 0.00	27.40 1.30 0.00	35.10 1.66 0.00	41.80 1.64 0.00	33.27 1.30 0.00	30.55 1.24 0.00	24.09 1.27 0.00	23.45 1.28 0.00	24.51 1.35 0.00	29.65 1.43 0.00	33.81 1.64 0.00	32.17 1.43 0.00	34.67 1.48 0.00	44.55 1.55 0.00	47.04 1.92 0.00	51.64 2.03 0.00	41.44 1.52 0.00	41.22 1.48 0.00	34.20 1.31 0.00	28.21 1.07 0.00
HOLTSVILLE_IC_3 23692	22.55 0.96 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.05 1.07 0.00	27.40 1.30 0.00	35.10 1.66 0.00	41.80 1.64 0.00	33.27 1.30 0.00	30.55 1.24 0.00	24.09 1.27 0.00	23.45 1.28 0.00	24.51 1.35 0.00	29.65 1.43 0.00	33.81 1.64 0.00	32.17 1.43 0.00	34.67 1.48 0.00	44.55 1.55 0.00	47.04 1.92 0.00	51.64 2.03 0.00	41.44 1.52 0.00	41.22 1.48 0.00	34.20 1.31 0.00	28.21 1.07 0.00
HOLTSVILLE_IC_4 23693	22.55 0.96 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.05 1.07 0.00	27.40 1.30 0.00	35.10 1.66 0.00	41.80 1.64 0.00	33.27 1.30 0.00	30.55 1.24 0.00	24.09 1.27 0.00	23.45 1.28 0.00	24.51 1.35 0.00	29.65 1.43 0.00	33.81 1.64 0.00	32.17 1.43 0.00	34.67 1.48 0.00	44.55 1.55 0.00	47.04 1.92 0.00	51.64 2.03 0.00	41.44 1.52 0.00	41.22 1.48 0.00	34.20 1.31 0.00	28.21 1.07 0.00
HOLTSVILLE_IC_5 23694	22.55 0.96 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.05 1.07 0.00	27.40 1.30 0.00	35.10 1.66 0.00	41.80 1.64 0.00	33.27 1.30 0.00	30.55 1.24 0.00	24.09 1.27 0.00	23.45 1.28 0.00	24.51 1.35 0.00	29.65 1.43 0.00	33.81 1.64 0.00	32.17 1.43 0.00	34.67 1.48 0.00	44.55 1.55 0.00	47.04 1.92 0.00	51.64 2.03 0.00	41.44 1.52 0.00	41.22 1.48 0.00	34.20 1.31 0.00	28.21 1.07 0.00
HOLTSVILLE_IC_6 23695	22.60 1.01 0.00	22.37 1.15 0.00	21.63 1.02 0.00	20.95 1.06 0.00	21.12 1.14 0.00	27.45 1.36 0.00	35.18 1.73 0.00	41.90 1.74 0.00	33.36 1.38 0.00	30.63 1.32 0.00	24.16 1.35 0.00	23.52 1.35 0.00	24.57 1.41 0.00	29.70 1.48 0.00	33.87 1.71 0.00	32.24 1.49 0.00	34.77 1.57 0.00	44.70 1.70 0.00	47.23 2.10 0.00	51.81 2.20 0.00	41.59 1.67 0.00	41.35 1.61 0.00	34.28 1.39 0.00	28.27 1.13 0.00
HOLTSVILLE_IC_7 23696	22.60 1.01 0.00	22.37 1.15 0.00	21.63 1.02 0.00	20.95 1.06 0.00	21.12 1.14 0.00	27.45 1.36 0.00	35.18 1.73 0.00	41.90 1.74 0.00	33.36 1.38 0.00	30.63 1.32 0.00	24.16 1.35 0.00	23.52 1.35 0.00	24.57 1.41 0.00	29.70 1.48 0.00	33.87 1.71 0.00	32.24 1.49 0.00	34.77 1.57 0.00	44.70 1.70 0.00	47.23 2.10 0.00	51.81 2.20 0.00	41.59 1.67 0.00	41.35 1.61 0.00	34.28 1.39 0.00	28.27 1.13 0.00
HOLTSVILLE_IC_8 23697	22.60 1.01 0.00	22.37 1.15 0.00	21.63 1.02 0.00	20.95 1.06 0.00	21.12 1.14 0.00	27.45 1.36 0.00	35.18 1.73 0.00	41.90 1.74 0.00	33.36 1.38 0.00	30.63 1.32 0.00	24.16 1.35 0.00	23.52 1.35 0.00	24.57 1.41 0.00	29.70 1.48 0.00	33.87 1.71 0.00	32.24 1.49 0.00	34.77 1.57 0.00	44.70 1.70 0.00	47.23 2.10 0.00	51.81 2.20 0.00	41.59 1.67 0.00	41.35 1.61 0.00	34.28 1.39 0.00	28.27 1.13 0.00
HOLTSVILLE_IC_9 23698	22.60 1.01 0.00	22.37 1.15 0.00	21.63 1.02 0.00	20.95 1.06 0.00	21.12 1.14 0.00	27.45 1.36 0.00	35.18 1.73 0.00	41.90 1.74 0.00	33.36 1.38 0.00	30.63 1.32 0.00	24.16 1.35 0.00	23.52 1.35 0.00	24.57 1.41 0.00	29.70 1.48 0.00	33.87 1.71 0.00	32.24 1.49 0.00	34.77 1.57 0.00	44.70 1.70 0.00	47.23 2.10 0.00	51.81 2.20 0.00	41.59 1.67 0.00	41.35 1.61 0.00	34.28 1.39 0.00	28.27 1.13 0.00
HOMER_HL_115KV_TB2 355744	22.03 0.45 0.00	21.58 0.36 0.00	20.87 0.26 0.00	20.12 0.23 0.00	20.20 0.22 0.00	27.18 1.09 0.00	34.72 1.28 0.00	41.23 1.07 0.00	33.16 1.18 0.00	30.77 1.46 0.00	23.85 1.04 0.00	23.27 1.10 0.00	24.25 1.09 0.00	29.61 1.38 0.00	33.57 1.41 0.00	31.65 0.90 0.00	34.03 0.83 0.00	44.13 1.14 0.00	46.16 1.03 0.00	50.68 1.07 0.00	40.80 0.88 0.00	40.87 1.13 0.00	34.13 1.24 0.00	28.36 1.22 0.00
HOWARD_WT_PWR 323690	22.56 0.98 0.00	22.07 0.85 0.00	21.34 0.73 0.00	20.59 0.71 0.00	20.67 0.69 0.00	27.72 1.62 0.00	35.68 2.23 0.00	42.76 2.60 0.00	34.08 2.11 0.00	31.45 2.14 0.00	24.28 1.46 0.00	23.54 1.37 0.00	24.45 1.28 0.00	30.00 1.78 0.00	34.21 2.05 0.00	32.39 1.62 -0.02	34.85 1.65 0.00	46.19 2.75 -0.45	48.79 3.14 -0.53	53.65 3.32 -0.72	42.15 2.22 0.00	42.32 2.57 -0.01	35.07 2.18 0.00	28.77 1.63 0.00

HQ_GEN_CEDARS 23644	21.87 0.28 0.00	21.47 0.25 0.00	20.86 0.25 0.00	20.06 0.17 0.00	20.12 0.13 0.00	26.28 0.19 0.00	33.73 0.28 0.00	40.45 0.29 0.00	32.14 0.17 0.00	29.34 0.03 0.00	22.83 0.02 0.00	22.10 -0.06 0.00	23.00 -0.16 0.00	27.97 -0.25 0.00	31.96 -0.20 0.00	30.61 -0.13 0.00	32.98 -0.21 0.00	42.72 -0.27 0.00	44.78 -0.35 0.00	49.26 -0.35 0.00	39.75 -0.18 0.00	39.86 0.12 0.00	33.05 0.15 0.00	27.33 0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	21.86 0.28 0.00	21.47 0.25 0.00	20.86 0.25 0.00	20.06 0.17 0.00	20.12 0.13 0.00	26.28 0.19 0.00	33.73 0.28 0.00	40.45 0.29 0.00	32.14 0.17 0.00	29.34 0.03 0.00	22.83 0.02 0.00	22.10 -0.06 0.00	23.00 -0.16 0.00	27.97 -0.25 0.00	31.96 -0.20 0.00	30.61 -0.13 0.00	32.98 -0.21 0.00	42.73 -0.27 0.00	44.78 -0.35 0.00	49.26 -0.35 0.00	39.75 -0.18 0.00	39.86 0.12 0.00	33.05 0.16 0.00	27.33 0.18 0.00
HQ_GEN_IMPORT 323601	21.63 0.04 0.00	21.25 0.03 0.00	20.65 0.04 0.00	19.89 0.00 0.00	19.97 -0.01 0.00	26.08 -0.01 0.00	34.68 -0.01 -1.25	40.68 0.00 -0.52	32.67 0.03 -0.66	30.07 0.00 -0.76	22.82 0.01 0.00	22.14 -0.02 0.00	23.12 -0.04 0.00	28.17 -0.06 0.00	32.14 -0.03 0.00	30.72 -0.03 0.00	33.63 -0.04 -0.47	42.92 -0.07 0.00	47.93 -0.21 -3.02	49.38 -0.23 0.00	39.74 -0.19 0.00	39.69 -0.07 -0.02	32.85 -0.04 0.00	27.13 -0.02 0.00
HQ_GEN_WHEEL 23651	21.63 0.04 0.00	21.25 0.03 0.00	20.65 0.04 0.00	19.89 0.00 0.00	19.97 -0.01 0.00	26.08 -0.01 0.00	34.68 -0.01 -1.25	40.68 0.00 -0.52	32.67 0.03 -0.66	30.07 0.00 -0.76	22.82 0.01 0.00	22.14 -0.02 0.00	23.12 -0.04 0.00	28.17 -0.06 0.00	32.14 -0.03 0.00	30.72 -0.03 0.00	33.63 -0.04 -0.47	42.92 -0.07 0.00	47.93 -0.21 -3.02	49.38 -0.23 0.00	39.74 -0.19 0.00	39.69 -0.07 -0.02	32.85 -0.04 0.00	27.13 -0.02 0.00
HUDSON AVE_GT_3 23810	22.66 1.07 0.00	22.28 1.07 0.00	21.61 1.00 0.00	20.92 1.03 0.00	21.03 1.05 0.00	27.40 1.31 0.00	35.14 1.70 0.00	42.17 2.01 0.00	33.56 1.58 0.00	30.84 1.54 0.00	24.15 1.33 0.00	23.60 1.44 0.00	24.76 1.60 0.00	30.14 1.91 0.00	34.22 2.06 0.00	32.64 1.90 0.00	35.18 1.99 0.00	45.30 2.30 0.00	47.59 2.47 0.00	52.30 2.70 0.00	41.96 2.04 0.00	41.62 1.88 0.00	34.44 1.55 0.00	28.44 1.30 0.00
HUDSON AVE_GT_4 23540	22.66 1.07 0.00	22.28 1.07 0.00	21.61 1.00 0.00	20.92 1.03 0.00	21.03 1.05 0.00	27.40 1.31 0.00	35.14 1.70 0.00	42.17 2.01 0.00	33.56 1.58 0.00	30.84 1.54 0.00	24.15 1.33 0.00	23.60 1.44 0.00	24.76 1.60 0.00	30.14 1.91 0.00	34.22 2.06 0.00	32.64 1.90 0.00	35.18 1.99 0.00	45.30 2.30 0.00	47.59 2.47 0.00	52.30 2.70 0.00	41.96 2.04 0.00	41.62 1.88 0.00	34.44 1.55 0.00	28.44 1.30 0.00
HUDSON AVE_GT_5 23657	22.66 1.07 0.00	22.28 1.07 0.00	21.61 1.00 0.00	20.92 1.03 0.00	21.03 1.05 0.00	27.40 1.31 0.00	35.14 1.70 0.00	42.17 2.01 0.00	33.56 1.58 0.00	30.84 1.54 0.00	24.15 1.33 0.00	23.60 1.44 0.00	24.76 1.60 0.00	30.14 1.91 0.00	34.22 2.06 0.00	32.64 1.90 0.00	35.18 1.99 0.00	45.30 2.30 0.00	47.59 2.47 0.00	52.30 2.70 0.00	41.96 2.04 0.00	41.62 1.88 0.00	34.44 1.55 0.00	28.44 1.30 0.00
HUDSON_AVE_10 24168	22.59 1.00 0.00	22.22 1.00 0.00	21.56 0.95 0.00	20.88 0.99 0.00	20.98 1.00 0.00	27.30 1.20 0.00	35.01 1.57 0.00	41.99 1.83 0.00	33.41 1.43 0.00	30.70 1.39 0.00	24.04 1.22 0.00	23.50 1.34 0.00	24.65 1.49 0.00	29.99 1.77 0.00	34.06 1.90 0.00	32.50 1.75 0.00	35.03 1.84 0.00	45.09 2.09 0.00	47.38 2.26 0.00	52.09 2.49 0.00	41.79 1.87 0.00	41.46 1.72 0.00	34.31 1.42 0.00	28.34 1.20 0.00
HUDSON___115KV_TB 4 355613	22.16 0.57 0.00	21.80 0.58 0.00	21.17 0.56 0.00	20.48 0.59 0.00	20.61 0.62 0.00	26.79 0.69 0.00	34.38 0.93 0.00	41.42 1.26 0.00	32.75 0.78 0.00	29.86 0.55 0.00	23.20 0.39 0.00	22.48 0.31 0.00	23.33 0.17 0.00	28.39 0.16 0.00	32.31 0.15 0.00	31.09 0.34 0.00	33.88 0.68 0.00	44.20 1.20 0.00	46.85 1.72 0.00	51.60 1.99 0.00	41.48 1.56 0.00	41.02 1.28 0.00	33.82 0.93 0.00	27.85 0.71 0.00
HUNTER MOUNT___DRP 323613	22.27 0.68 0.00	21.90 0.68 0.00	21.28 0.67 0.00	20.57 0.68 0.00	20.71 0.73 0.00	26.92 0.83 0.00	34.57 1.12 0.00	41.69 1.53 0.00	32.95 0.97 0.00	29.98 0.67 0.00	23.23 0.42 0.00	22.49 0.32 0.00	23.32 0.15 0.00	28.37 0.15 0.00	32.31 0.15 0.00	31.11 0.37 0.00	33.97 0.77 0.00	44.42 1.42 0.00	47.18 2.06 0.00	51.99 2.38 0.00	41.77 1.85 0.00	41.29 1.55 0.00	34.01 1.12 0.00	27.99 0.85 0.00
HUNTINGTON_RES_REC 323705	22.52 0.93 0.00	22.24 1.02 0.00	21.51 0.90 0.00	20.83 0.95 0.00	20.99 1.01 0.00	27.36 1.26 0.00	35.04 1.59 0.00	41.74 1.58 0.00	33.24 1.26 0.00	30.53 1.22 0.00	24.06 1.24 0.00	23.43 1.27 0.00	24.52 1.35 0.00	29.65 1.42 0.00	33.76 1.60 0.00	32.14 1.39 0.00	34.63 1.43 0.00	44.49 1.50 0.00	46.93 1.81 0.00	51.54 1.94 0.00	41.34 1.42 0.00	41.14 1.40 0.00	34.15 1.26 0.00	28.16 1.02 0.00
HUNTLEY___63 23557	21.89 0.30 0.00	21.40 0.18 0.00	20.78 0.17 0.00	19.88 -0.01 0.00	19.94 -0.04 0.00	26.72 0.62 0.00	33.95 0.50 0.00	39.94 -0.22 0.00	32.21 0.24 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.64 0.47 0.00	23.60 0.44 0.00	28.89 0.67 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.23 0.04 0.00	42.89 -0.11 0.00	44.94 -0.19 0.00	49.33 -0.28 0.00	39.80 -0.12 0.00	39.94 0.20 0.00	33.29 0.40 0.00	27.77 0.63 0.00
HUNTLEY___64 23558	21.89 0.30 0.00	21.40 0.18 0.00	20.78 0.17 0.00	19.88 -0.01 0.00	19.94 -0.04 0.00	26.72 0.62 0.00	33.95 0.50 0.00	39.94 -0.22 0.00	32.21 0.24 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.64 0.47 0.00	23.60 0.44 0.00	28.89 0.67 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.23 0.04 0.00	42.89 -0.11 0.00	44.94 -0.19 0.00	49.33 -0.28 0.00	39.80 -0.12 0.00	39.94 0.20 0.00	33.29 0.40 0.00	27.77 0.63 0.00
HUNTLEY___65 23559	21.89 0.30 0.00	21.40 0.18 0.00	20.78 0.17 0.00	19.88 -0.01 0.00	19.94 -0.04 0.00	26.72 0.62 0.00	33.95 0.50 0.00	39.94 -0.22 0.00	32.21 0.24 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.64 0.47 0.00	23.60 0.44 0.00	28.89 0.67 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.23 0.04 0.00	42.89 -0.11 0.00	44.94 -0.19 0.00	49.33 -0.28 0.00	39.80 -0.12 0.00	39.94 0.20 0.00	33.29 0.40 0.00	27.77 0.63 0.00
HUNTLEY___66 23560	21.89 0.30 0.00	21.40 0.18 0.00	20.78 0.17 0.00	19.88 -0.01 0.00	19.94 -0.04 0.00	26.72 0.62 0.00	33.95 0.50 0.00	39.94 -0.22 0.00	32.21 0.24 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.64 0.47 0.00	23.60 0.44 0.00	28.89 0.67 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.23 0.04 0.00	42.89 -0.11 0.00	44.94 -0.19 0.00	49.33 -0.28 0.00	39.80 -0.12 0.00	39.94 0.20 0.00	33.29 0.40 0.00	27.77 0.63 0.00



HUNTLEY___67 23561	21.68 0.09 0.00	21.21 -0.01 0.00	20.59 -0.03 0.00	19.71 -0.18 0.00	19.77 -0.21 0.00	26.49 0.39 0.00	33.62 0.17 0.00	39.59 -0.57 0.00	31.90 -0.07 0.00	29.64 0.33 0.00	23.11 0.30 0.00	22.41 0.24 0.00	23.38 0.21 0.00	28.60 0.38 0.00	32.68 0.52 0.00	30.96 0.21 0.00	32.97 -0.23 0.00	42.59 -0.41 0.00	44.56 -0.56 0.00	48.92 -0.69 0.00	39.49 -0.43 0.00	39.63 -0.11 0.00	33.03 0.14 0.00	27.54 0.39 0.00
HUNTLEY___68 23562	21.68 0.09 0.00	21.21 -0.01 0.00	20.59 -0.03 0.00	19.71 -0.18 0.00	19.77 -0.21 0.00	26.49 0.39 0.00	33.62 0.17 0.00	39.59 -0.57 0.00	31.90 -0.07 0.00	29.64 0.33 0.00	23.11 0.30 0.00	22.41 0.24 0.00	23.38 0.21 0.00	28.60 0.38 0.00	32.68 0.52 0.00	30.96 0.21 0.00	32.97 -0.23 0.00	42.59 -0.41 0.00	44.56 -0.56 0.00	48.92 -0.69 0.00	39.49 -0.43 0.00	39.63 -0.11 0.00	33.03 0.14 0.00	27.54 0.39 0.00
HYLAND___LFG 323620	22.69 1.10 0.00	22.17 0.95 0.00	21.47 0.86 0.00	20.64 0.76 0.00	20.73 0.75 0.00	27.70 1.60 0.00	35.61 2.16 0.00	42.56 2.40 0.00	34.24 2.27 0.00	31.32 2.01 0.00	23.80 0.99 0.00	22.65 0.49 0.00	23.59 0.42 0.00	28.84 0.62 0.00	33.02 0.85 0.00	31.98 1.23 0.00	34.37 1.18 0.00	45.18 2.19 0.00	48.10 2.98 0.00	53.28 3.67 0.00	42.82 2.90 0.00	42.60 2.86 0.00	35.20 2.31 0.00	29.06 1.92 0.00
INDECK___CORINTH 23802	22.67 1.08 0.00	22.28 1.07 0.00	21.62 1.01 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.48 1.39 0.00	35.13 1.68 0.00	42.34 2.18 0.00	33.47 1.50 0.00	30.50 1.19 0.00	23.72 0.91 0.00	22.95 0.79 0.00	24.04 0.88 0.00	29.16 0.94 0.00	33.28 1.12 0.00	32.14 1.39 0.00	34.96 1.77 0.00	45.56 2.56 0.00	48.13 3.00 0.00	52.99 3.38 0.00	42.58 2.66 0.00	42.04 2.31 0.00	34.63 1.74 0.00	28.56 1.42 0.00
INDECK___ILION 23567	21.62 0.03 0.00	21.28 0.06 0.00	20.67 0.05 0.00	19.98 0.09 0.00	20.10 0.11 0.00	26.18 0.08 0.00	33.55 0.10 0.00	40.36 0.20 0.00	31.99 0.01 0.00	29.15 -0.15 0.00	22.68 -0.13 0.00	22.01 -0.15 0.00	22.95 -0.21 0.00	27.96 -0.26 0.00	31.86 -0.30 0.00	30.54 -0.21 0.00	33.09 -0.11 0.00	43.10 0.11 0.00	45.44 0.32 0.00	49.95 0.35 0.00	40.20 0.28 0.00	39.87 0.13 0.00	32.94 0.05 0.00	27.14 0.00 0.00
INDECK___OLEAN 23982	22.03 0.45 0.00	21.58 0.36 0.00	20.86 0.26 0.00	20.12 0.23 0.00	20.20 0.22 0.00	27.18 1.09 0.00	34.73 1.28 0.00	41.22 1.06 0.00	33.15 1.18 0.00	30.77 1.46 0.00	23.85 1.03 0.00	23.27 1.10 0.00	24.25 1.09 0.00	29.60 1.38 0.00	33.58 1.41 0.00	31.65 0.91 0.00	34.03 0.83 0.00	44.13 1.14 0.00	46.16 1.03 0.00	50.66 1.05 0.00	40.80 0.88 0.00	40.86 1.12 0.00	34.13 1.24 0.00	28.36 1.22 0.00
INDECK___OSWEGO 23783	21.08 -0.51 0.00	20.70 -0.52 0.00	20.09 -0.51 0.00	19.39 -0.50 0.00	19.49 -0.49 0.00	25.55 -0.55 0.00	32.78 -0.66 0.00	39.34 -0.83 0.00	31.25 -0.72 0.00	28.71 -0.60 0.00	22.31 -0.51 0.00	21.67 -0.49 0.00	22.63 -0.53 0.00	27.60 -0.62 0.00	31.45 -0.71 0.00	30.25 -0.72 -0.22	32.44 -0.76 0.00	46.24 -0.94 -4.18	49.14 -0.87 -4.89	55.39 -0.92 -6.71	39.23 -0.69 0.00	39.12 -0.73 -0.11	32.28 -0.61 0.00	26.60 -0.54 0.00
INDECK___YERKES 23781	21.91 0.32 0.00	21.42 0.20 0.00	20.80 0.19 0.00	19.90 0.01 0.00	19.96 -0.02 0.00	26.74 0.65 0.00	33.98 0.54 0.00	39.97 -0.19 0.00	32.24 0.26 0.00	29.97 0.66 0.00	23.38 0.56 0.00	22.66 0.50 0.00	23.62 0.46 0.00	28.92 0.70 0.00	33.05 0.89 0.00	31.32 0.57 0.00	33.27 0.07 0.00	42.94 -0.06 0.00	44.99 -0.13 0.00	49.39 -0.21 0.00	39.85 -0.07 0.00	39.99 0.25 0.00	33.32 0.43 0.00	27.80 0.66 0.00
INDIAN POINT_GT_1 24139	22.36 0.76 0.00	21.98 0.76 0.00	21.31 0.70 0.00	20.64 0.75 0.00	20.74 0.76 0.00	27.05 0.95 0.00	34.68 1.24 0.00	41.68 1.52 0.00	33.11 1.13 0.00	30.35 1.05 0.00	23.74 0.93 0.00	23.19 1.03 0.00	24.33 1.17 0.00	29.61 1.39 0.00	33.65 1.49 0.00	32.12 1.37 0.00	34.66 1.47 0.00	44.73 1.74 0.00	47.04 1.91 0.00	51.70 2.09 0.00	41.48 1.55 0.00	41.11 1.37 0.00	34.01 1.12 0.00	28.06 0.92 0.00
INDIAN POINT_GT_2 23659	22.36 0.76 0.00	21.98 0.76 0.00	21.31 0.70 0.00	20.64 0.75 0.00	20.74 0.76 0.00	27.05 0.95 0.00	34.68 1.24 0.00	41.68 1.52 0.00	33.11 1.13 0.00	30.35 1.05 0.00	23.74 0.93 0.00	23.19 1.03 0.00	24.33 1.17 0.00	29.61 1.39 0.00	33.65 1.49 0.00	32.12 1.37 0.00	34.66 1.47 0.00	44.73 1.74 0.00	47.04 1.91 0.00	51.70 2.09 0.00	41.48 1.55 0.00	41.11 1.37 0.00	34.01 1.12 0.00	28.06 0.92 0.00
INDIAN POINT_GT_3 24019	22.36 0.76 0.00	21.98 0.76 0.00	21.31 0.70 0.00	20.64 0.75 0.00	20.74 0.76 0.00	27.05 0.95 0.00	34.68 1.24 0.00	41.68 1.52 0.00	33.11 1.13 0.00	30.35 1.05 0.00	23.74 0.93 0.00	23.19 1.03 0.00	24.33 1.17 0.00	29.61 1.39 0.00	33.65 1.49 0.00	32.12 1.37 0.00	34.66 1.47 0.00	44.73 1.74 0.00	47.04 1.91 0.00	51.70 2.09 0.00	41.48 1.55 0.00	41.11 1.37 0.00	34.01 1.12 0.00	28.06 0.92 0.00
INDIAN POINT___2 23530	22.32 0.73 0.00	21.94 0.72 0.00	21.25 0.65 0.00	20.59 0.70 0.00	20.70 0.71 0.00	27.01 0.91 0.00	34.64 1.20 0.00	41.58 1.42 0.00	33.04 1.07 0.00	30.29 0.98 0.00	23.70 0.88 0.00	23.15 0.98 0.00	24.30 1.13 0.00	29.58 1.36 0.00	33.60 1.43 0.00	32.05 1.31 0.00	34.61 1.41 0.00	44.67 1.67 0.00	46.97 1.84 0.00	51.62 2.01 0.00	41.40 1.48 0.00	41.03 1.29 0.00	33.95 1.06 0.00	28.02 0.87 0.00
INDIAN POINT___3 23531	22.41 0.83 0.00	22.05 0.83 0.00	21.37 0.77 0.00	20.70 0.81 0.00	20.81 0.83 0.00	27.11 1.01 0.00	34.75 1.31 0.00	41.75 1.59 0.00	33.18 1.21 0.00	30.42 1.11 0.00	23.80 0.99 0.00	23.24 1.08 0.00	24.38 1.22 0.00	29.66 1.44 0.00	33.71 1.55 0.00	32.18 1.44 0.00	34.72 1.53 0.00	44.79 1.80 0.00	47.11 1.98 0.00	51.77 2.17 0.00	41.55 1.62 0.00	41.20 1.46 0.00	34.08 1.19 0.00	28.13 0.99 0.00
INGHAM_C_115KV_TB7 356103	21.58 -0.01 0.00	21.29 0.07 0.00	20.66 0.04 0.00	20.00 0.11 0.00	20.15 0.17 0.00	26.17 0.07 0.00	33.51 0.07 0.00	40.40 0.24 0.00	31.86 -0.11 0.00	28.80 -0.51 0.00	22.38 -0.43 0.00	21.66 -0.51 0.00	22.51 -0.66 0.00	27.41 -0.82 0.00	31.24 -0.92 0.00	30.04 -0.71 0.00	32.70 -0.50 0.00	42.92 -0.07 0.00	45.50 0.37 0.00	50.03 0.42 0.00	40.26 0.33 0.00	39.80 0.06 0.00	32.80 -0.09 0.00	27.02 -0.12 0.00
IP CORINTH___1 23988	22.67 1.08 0.00	22.28 1.07 0.00	21.62 1.01 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.49 1.39 0.00	35.13 1.68 0.00	42.34 2.18 0.00	33.47 1.50 0.00	30.50 1.19 0.00	23.72 0.91 0.00	22.95 0.79 0.00	24.04 0.88 0.00	29.16 0.94 0.00	33.29 1.12 0.00	32.14 1.39 0.00	34.96 1.77 0.00	45.56 2.56 0.00	48.12 3.00 0.00	52.99 3.38 0.00	42.59 2.66 0.00	42.04 2.31 0.00	34.63 1.74 0.00	28.56 1.42 0.00

IP___TICONDEROGA 23804	23.79 2.20 0.00	23.34 2.13 0.00	22.56 1.95 0.00	21.95 2.06 0.00	22.23 2.25 0.00	29.10 3.00 0.00	36.74 3.30 0.00	44.49 4.33 0.00	34.97 2.99 0.00	31.73 2.42 0.00	24.64 1.83 0.00	23.79 1.63 0.00	24.94 1.78 0.00	30.09 1.87 0.00	34.37 2.21 0.00	33.46 2.72 0.00	37.04 3.84 0.00	48.37 5.38 0.00	51.32 6.20 0.00	56.56 6.96 0.00	45.31 5.38 0.00	44.37 4.63 0.00	36.48 3.59 0.00	30.14 3.00 0.00
ISLIP_RES_REC 323679	22.72 1.13 0.00	22.48 1.26 0.00	21.73 1.12 0.00	21.04 1.16 0.00	21.22 1.24 0.00	27.60 1.51 0.00	35.38 1.94 0.00	42.14 1.98 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.33 1.51 0.00	23.67 1.51 0.00	24.72 1.56 0.00	29.86 1.63 0.00	34.06 1.89 0.00	32.41 1.66 0.00	34.95 1.76 0.00	44.95 1.95 0.00	47.49 2.37 0.00	52.08 2.47 0.00	41.79 1.87 0.00	41.55 1.81 0.00	34.42 1.53 0.00	28.37 1.23 0.00
JAMAICA__27_KV_LOAD 355505	22.80 1.21 0.00	22.42 1.20 0.00	21.80 1.19 0.00	21.11 1.22 0.00	21.19 1.21 0.00	27.51 1.41 0.00	35.29 1.84 0.00	42.26 2.10 0.00	33.61 1.64 0.00	30.88 1.57 0.00	24.20 1.38 0.00	23.65 1.48 0.00	24.77 1.61 0.00	30.15 1.92 0.00	34.26 2.10 0.00	32.70 1.95 0.00	35.27 2.07 0.00	45.41 2.42 0.00	47.70 2.58 0.00	52.53 2.92 0.00	42.16 2.24 0.00	41.79 2.05 0.00	34.59 1.70 0.00	28.59 1.45 0.00
JANIS___SOLAR 323808	22.46 0.87 0.00	22.02 0.81 0.00	21.34 0.74 0.00	20.60 0.71 0.00	20.72 0.74 0.00	27.39 1.29 0.00	35.28 1.83 0.00	42.40 2.24 0.00	33.67 1.70 0.00	30.85 1.55 0.00	23.76 0.95 0.00	22.87 0.70 0.00	23.90 0.74 0.00	29.21 0.99 0.00	33.47 1.31 0.00	31.80 1.02 -0.04	34.41 1.21 0.00	46.06 2.32 -0.74	48.83 2.84 -0.87	53.97 3.17 -1.19	42.36 2.44 0.00	42.06 2.30 -0.02	34.60 1.70 0.00	28.47 1.32 0.00
JARVIS____ 23743	21.59 0.00 0.00	21.24 0.02 0.00	20.63 0.02 0.00	19.92 0.03 0.00	20.02 0.04 0.00	26.13 0.03 0.00	33.48 0.04 0.00	40.20 0.04 0.00	31.97 0.00 0.00	29.31 0.00 0.00	22.81 0.00 0.00	22.16 0.00 0.00	23.16 0.00 0.00	28.22 0.00 0.00	32.16 0.00 0.00	30.75 0.00 0.00	33.21 0.01 0.00	43.04 0.05 0.00	45.22 0.09 0.00	49.71 0.10 0.00	40.02 0.10 0.00	39.79 0.05 0.00	32.92 0.03 0.00	27.16 0.02 0.00
JENNISON___1 23625	22.48 0.90 0.00	22.08 0.86 0.00	21.41 0.80 0.00	20.67 0.78 0.00	20.78 0.80 0.00	27.43 1.33 0.00	35.29 1.84 0.00	42.37 2.21 0.00	33.59 1.62 0.00	30.82 1.51 0.00	23.93 1.12 0.00	23.24 1.07 0.00	24.30 1.13 0.00	29.69 1.46 0.00	33.85 1.69 0.00	32.31 1.53 -0.03	34.82 1.62 0.00	46.14 2.58 -0.57	48.60 2.81 -0.67	53.45 2.93 -0.91	42.26 2.34 0.00	41.91 2.16 -0.02	34.39 1.50 0.00	28.38 1.23 0.00
JENNISON___2 23626	22.48 0.90 0.00	22.08 0.86 0.00	21.41 0.80 0.00	20.67 0.78 0.00	20.78 0.80 0.00	27.43 1.33 0.00	35.29 1.84 0.00	42.37 2.21 0.00	33.59 1.62 0.00	30.82 1.51 0.00	23.93 1.12 0.00	23.24 1.07 0.00	24.30 1.13 0.00	29.69 1.46 0.00	33.85 1.69 0.00	32.31 1.53 -0.03	34.82 1.62 0.00	46.14 2.58 -0.57	48.60 2.81 -0.67	53.45 2.93 -0.91	42.26 2.34 0.00	41.91 2.16 -0.02	34.39 1.50 0.00	28.38 1.23 0.00
JERICHO_RISE_WT_PWR 323719	22.10 0.51 0.00	21.67 0.45 0.00	21.00 0.39 0.00	20.18 0.30 0.00	20.25 0.27 0.00	26.26 0.17 0.00	33.55 0.10 0.00	40.44 0.28 0.00	32.27 0.29 0.00	29.52 0.21 0.00	23.01 0.20 0.00	22.23 0.07 0.00	23.21 0.05 0.00	28.18 -0.04 0.00	32.19 0.03 0.00	30.91 0.17 0.00	33.37 0.18 0.00	43.30 0.30 0.00	45.02 -0.10 0.00	49.26 -0.35 0.00	39.68 -0.24 0.00	39.66 -0.08 0.00	32.86 -0.03 0.00	27.10 -0.05 0.00
KATONAH__115KV_46KV_TB4 355592	22.47 0.89 0.00	22.11 0.89 0.00	21.44 0.82 0.00	20.75 0.86 0.00	20.86 0.88 0.00	27.18 1.09 0.00	34.87 1.43 0.00	41.92 1.76 0.00	33.33 1.36 0.00	30.56 1.25 0.00	23.89 1.08 0.00	23.33 1.16 0.00	24.46 1.31 0.00	29.77 1.55 0.00	33.86 1.70 0.00	32.34 1.59 0.00	34.89 1.70 0.00	45.04 2.05 0.00	47.38 2.25 0.00	52.09 2.48 0.00	41.78 1.85 0.00	41.41 1.67 0.00	34.22 1.33 0.00	28.23 1.09 0.00
KCE_NY_1 323755	22.57 0.98 0.00	22.20 0.98 0.00	21.54 0.93 0.00	20.84 0.96 0.00	20.99 1.01 0.00	27.32 1.22 0.00	34.98 1.53 0.00	42.08 1.92 0.00	33.27 1.30 0.00	30.30 0.99 0.00	23.58 0.77 0.00	22.85 0.69 0.00	23.88 0.71 0.00	29.05 0.83 0.00	33.15 0.99 0.00	31.91 1.16 0.00	34.65 1.45 0.00	45.06 2.06 0.00	47.63 2.51 0.00	52.42 2.81 0.00	42.12 2.19 0.00	41.76 2.02 0.00	34.38 1.49 0.00	28.35 1.21 0.00
KCE_NY_6_ESR 323823	21.89 0.31 0.00	21.44 0.22 0.00	20.78 0.17 0.00	19.91 0.02 0.00	19.97 -0.01 0.00	26.80 0.70 0.00	34.03 0.59 0.00	40.11 -0.05 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.73 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.17 1.01 0.00	31.42 0.67 0.00	33.54 0.34 0.00	43.31 0.32 0.00	45.32 0.20 0.00	49.77 0.17 0.00	40.16 0.24 0.00	40.32 0.57 0.00	33.55 0.65 0.00	27.92 0.78 0.00
KEDC_PORT_JEFF_GT2 24210	22.58 0.99 0.00	22.33 1.11 0.00	21.60 0.99 0.00	20.92 1.03 0.00	21.08 1.10 0.00	27.43 1.33 0.00	35.13 1.68 0.00	41.84 1.68 0.00	33.30 1.33 0.00	30.58 1.27 0.00	24.12 1.31 0.00	23.48 1.32 0.00	24.54 1.37 0.00	29.68 1.45 0.00	33.83 1.67 0.00	32.21 1.46 0.00	34.72 1.52 0.00	44.52 1.53 0.00	46.91 1.79 0.00	51.47 1.86 0.00	41.41 1.49 0.00	41.30 1.56 0.00	34.24 1.35 0.00	28.25 1.10 0.00
KEDC_PORT_JEFF_GT3 24211	22.58 0.99 0.00	22.33 1.11 0.00	21.60 0.99 0.00	20.92 1.03 0.00	21.08 1.10 0.00	27.43 1.33 0.00	35.13 1.68 0.00	41.84 1.68 0.00	33.30 1.33 0.00	30.58 1.27 0.00	24.12 1.31 0.00	23.48 1.32 0.00	24.54 1.37 0.00	29.68 1.45 0.00	33.83 1.67 0.00	32.21 1.46 0.00	34.72 1.52 0.00	44.52 1.53 0.00	46.91 1.79 0.00	51.47 1.86 0.00	41.41 1.49 0.00	41.30 1.56 0.00	34.24 1.35 0.00	28.25 1.10 0.00
KEDC_GLWD_GT4 24219	22.64 1.05 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.23 1.79 0.00	42.16 2.00 0.00	33.57 1.60 0.00	30.83 1.52 0.00	24.23 1.41 0.00	23.62 1.46 0.00	24.74 1.58 0.00	30.03 1.80 0.00	34.25 2.09 0.00	32.61 1.87 0.00	35.13 1.93 0.00	44.86 1.86 0.00	47.19 2.07 0.00	51.85 2.25 0.00	41.55 1.63 0.00	41.53 1.79 0.00	34.46 1.57 0.00	28.41 1.27 0.00
KEDC_GLWD_GT5 24220	22.64 1.05 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.23 1.79 0.00	42.16 2.00 0.00	33.57 1.60 0.00	30.83 1.52 0.00	24.23 1.41 0.00	23.62 1.46 0.00	24.74 1.58 0.00	30.03 1.80 0.00	34.25 2.09 0.00	32.61 1.87 0.00	35.13 1.93 0.00	44.86 1.86 0.00	47.19 2.07 0.00	51.85 2.25 0.00	41.55 1.63 0.00	41.53 1.79 0.00	34.46 1.57 0.00	28.41 1.27 0.00

KENSICO____ 23655	22.45 0.86 0.00	22.07 0.85 0.00	21.40 0.79 0.00	20.72 0.83 0.00	20.83 0.85 0.00	27.15 1.05 0.00	34.82 1.37 0.00	41.82 1.66 0.00	33.25 1.27 0.00	30.49 1.18 0.00	23.86 1.04 0.00	23.30 1.14 0.00	24.43 1.27 0.00	29.74 1.51 0.00	33.80 1.64 0.00	32.25 1.51 0.00	34.80 1.60 0.00	44.88 1.89 0.00	47.20 2.07 0.00	51.86 2.26 0.00	41.62 1.69 0.00	41.26 1.52 0.00	34.14 1.25 0.00	28.17 1.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.33 0.75 0.00	21.96 0.74 0.00	21.29 0.68 0.00	20.60 0.71 0.00	20.70 0.72 0.00	27.03 0.93 0.00	34.71 1.26 0.00	41.75 1.58 0.00	33.38 1.40 0.00	30.57 1.27 0.00	23.83 1.02 0.00	23.17 1.01 0.00	24.34 1.18 0.00	29.68 1.46 0.00	33.76 1.60 0.00	32.24 1.50 0.00	34.89 1.70 0.00	45.16 2.17 0.00	47.50 2.37 0.00	52.24 2.64 0.00	41.93 2.00 0.00	41.55 1.81 0.00	34.30 1.41 0.00	28.26 1.12 0.00
KIAC_JFK_GT1 23816	22.67 1.08 0.00	22.31 1.09 0.00	21.67 1.07 0.00	21.00 1.11 0.00	21.08 1.10 0.00	27.35 1.26 0.00	35.03 1.59 0.00	41.84 1.68 0.00	33.28 1.30 0.00	30.58 1.27 0.00	23.96 1.14 0.00	23.42 1.25 0.00	24.54 1.38 0.00	29.86 1.64 0.00	33.92 1.75 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.96 1.96 0.00	47.23 2.11 0.00	51.98 2.38 0.00	41.72 1.80 0.00	41.37 1.64 0.00	34.24 1.35 0.00	28.43 1.28 0.00
KIAC_JFK_GT2 23817	22.67 1.08 0.00	22.31 1.09 0.00	21.67 1.07 0.00	21.00 1.11 0.00	21.08 1.10 0.00	27.35 1.26 0.00	35.03 1.59 0.00	41.84 1.68 0.00	33.28 1.30 0.00	30.58 1.27 0.00	23.96 1.14 0.00	23.42 1.25 0.00	24.54 1.38 0.00	29.86 1.64 0.00	33.92 1.75 0.00	32.38 1.63 0.00	34.91 1.72 0.00	44.96 1.96 0.00	47.23 2.11 0.00	51.98 2.38 0.00	41.72 1.80 0.00	41.37 1.64 0.00	34.24 1.35 0.00	28.43 1.28 0.00
KIAC_JFK____ 323774	22.67 1.08 0.00	22.31 1.09 0.00	21.67 1.06 0.00	20.99 1.11 0.00	21.08 1.10 0.00	27.35 1.26 0.00	35.03 1.59 0.00	41.85 1.68 0.00	33.28 1.30 0.00	30.58 1.27 0.00	23.96 1.14 0.00	23.42 1.25 0.00	24.54 1.38 0.00	29.86 1.64 0.00	33.91 1.75 0.00	32.38 1.63 0.00	34.92 1.72 0.00	44.96 1.96 0.00	47.23 2.11 0.00	51.98 2.38 0.00	41.72 1.80 0.00	41.37 1.64 0.00	34.24 1.35 0.00	28.43 1.28 0.00
KINTIGH____ 23543	21.62 0.03 0.00	21.17 -0.05 0.00	20.54 -0.06 0.00	19.69 -0.20 0.00	19.77 -0.22 0.00	26.40 0.30 0.00	33.58 0.13 0.00	39.68 -0.48 0.00	31.91 -0.06 0.00	29.55 0.25 0.00	23.03 0.21 0.00	22.32 0.16 0.00	23.28 0.12 0.00	28.46 0.23 0.00	32.51 0.34 0.00	30.83 0.08 0.00	32.91 -0.29 0.00	42.57 -0.42 0.00	44.57 -0.55 0.00	48.97 -0.64 0.00	39.50 -0.42 0.00	39.52 -0.22 0.00	32.93 0.04 0.00	27.42 0.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.71 1.12 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.68 0.79 0.00	20.77 0.79 0.00	26.81 0.71 0.00	34.22 0.77 0.00	41.44 1.28 0.00	33.03 1.05 0.00	30.12 0.81 0.00	23.47 0.65 0.00	22.52 0.36 0.00	23.59 0.43 0.00	28.59 0.37 0.00	32.66 0.50 0.00	31.48 0.73 0.00	34.03 0.84 0.00	44.27 1.28 0.00	45.85 0.73 0.00	49.99 0.38 0.00	40.35 0.42 0.00	40.20 0.46 0.00	33.35 0.46 0.00	27.45 0.30 0.00
LACHUTE__HYDRO 323717	23.79 2.20 0.00	23.35 2.13 0.00	22.56 1.95 0.00	21.95 2.06 0.00	22.23 2.25 0.00	29.10 3.00 0.00	36.74 3.30 0.00	44.49 4.33 0.00	34.97 2.99 0.00	31.73 2.42 0.00	24.64 1.83 0.00	23.79 1.63 0.00	24.94 1.78 0.00	30.09 1.87 0.00	34.37 2.21 0.00	33.46 2.72 0.00	37.04 3.84 0.00	48.37 5.38 0.00	51.32 6.20 0.00	56.56 6.95 0.00	45.30 5.38 0.00	44.37 4.63 0.00	36.48 3.59 0.00	30.14 3.00 0.00
LAWRNCV_115KV_TB1 80681	21.93 0.35 0.00	21.53 0.31 0.00	20.92 0.31 0.00	20.11 0.22 0.00	20.18 0.19 0.00	26.37 0.27 0.00	33.87 0.43 0.00	40.54 0.39 0.00	32.07 0.09 0.00	29.18 -0.13 0.00	22.67 -0.14 0.00	21.92 -0.24 0.00	22.78 -0.38 0.00	27.63 -0.59 0.00	31.61 -0.56 0.00	30.28 -0.49 0.00	32.58 -0.61 0.00	42.57 -0.70 0.00	44.74 -0.71 0.00	49.39 -0.66 0.00	39.65 -0.27 0.00	39.82 0.07 0.00	33.07 0.18 0.00	27.38 0.23 0.00
LEDERLE____ 23769	22.35 0.76 0.00	21.96 0.74 0.00	21.27 0.67 0.00	20.61 0.72 0.00	20.71 0.73 0.00	27.06 0.97 0.00	34.74 1.29 0.00	41.69 1.53 0.00	33.11 1.14 0.00	30.37 1.06 0.00	23.74 0.93 0.00	23.21 1.05 0.00	24.38 1.21 0.00	29.69 1.47 0.00	33.72 1.56 0.00	32.18 1.43 0.00	34.75 1.55 0.00	44.90 1.90 0.00	47.19 2.07 0.00	51.85 2.24 0.00	41.57 1.65 0.00	41.18 1.44 0.00	34.05 1.16 0.00	28.09 0.94 0.00
LIGHTRSE_115KV_TB6 355974	21.48 -0.11 0.00	21.08 -0.14 0.00	20.47 -0.15 0.00	19.73 -0.16 0.00	19.84 -0.14 0.00	26.06 -0.04 0.00	33.54 0.09 0.00	40.24 0.08 0.00	31.96 -0.02 0.00	29.22 -0.09 0.00	22.55 -0.26 0.00	21.83 -0.33 0.00	22.74 -0.42 0.00	27.73 -0.49 0.00	31.63 -0.53 0.00	30.27 -0.60 0.00	32.66 -0.54 0.00	44.65 -0.59 0.00	47.47 -0.29 0.00	53.06 -0.16 0.00	40.11 0.18 0.00	39.94 0.14 0.00	32.90 0.01 0.00	27.08 -0.07 0.00
LINDEN COGEN____ 23786	22.54 0.95 0.00	22.16 0.94 0.00	21.48 0.87 0.00	20.81 0.92 0.00	20.91 0.93 0.00	27.26 1.16 0.00	34.96 1.51 0.00	41.92 1.76 0.00	33.33 1.36 0.00	30.62 1.31 0.00	23.97 1.15 0.00	23.44 1.28 0.00	24.60 1.44 0.00	29.93 1.71 0.00	33.98 1.82 0.00	32.41 1.66 0.00	34.94 1.74 0.00	44.99 1.99 0.00	47.26 2.14 0.00	51.95 2.34 0.00	41.67 1.74 0.00	41.34 1.60 0.00	34.22 1.33 0.00	28.27 1.13 0.00
LINDHRST_69_KV_BK1 356055	22.74 1.15 0.00	22.43 1.22 0.00	21.70 1.09 0.00	21.01 1.12 0.00	21.15 1.17 0.00	27.61 1.52 0.00	35.42 1.97 0.00	42.30 2.13 0.00	33.69 1.72 0.00	30.93 1.63 0.00	24.35 1.54 0.00	23.72 1.56 0.00	24.81 1.65 0.00	30.06 1.84 0.00	34.29 2.13 0.00	32.65 1.90 0.00	35.18 1.98 0.00	45.21 2.22 0.00	47.67 2.54 0.00	52.36 2.75 0.00	41.99 2.06 0.00	41.74 2.00 0.00	34.62 1.73 0.00	28.54 1.39 0.00
LIPA_MISC_IPP 23656	22.28 0.70 0.00	22.16 0.94 0.00	21.43 0.82 0.00	20.77 0.88 0.00	20.95 0.97 0.00	27.05 0.95 0.00	34.61 1.16 0.00	41.14 0.98 0.00	32.72 0.74 0.00	30.02 0.71 0.00	23.72 0.91 0.00	23.07 0.90 0.00	24.05 0.88 0.00	29.10 0.88 0.00	33.21 1.05 0.00	31.59 0.84 0.00	34.10 0.91 0.00	43.93 0.93 0.00	46.60 1.48 0.00	50.99 1.38 0.00	40.99 1.07 0.00	40.69 0.95 0.00	33.69 0.80 0.00	27.86 0.71 0.00
LISF__SOLAR 323691	22.33 0.74 0.00	22.21 0.99 0.00	21.47 0.86 0.00	20.81 0.92 0.00	20.99 1.01 0.00	27.11 1.01 0.00	34.69 1.24 0.00	41.25 1.09 0.00	32.80 0.83 0.00	30.09 0.77 0.00	23.76 0.95 0.00	23.10 0.94 0.00	24.09 0.93 0.00	29.14 0.92 0.00	33.27 1.11 0.00	31.64 0.89 0.00	34.16 0.96 0.00	44.04 1.04 0.00	46.72 1.59 0.00	51.13 1.53 0.00	41.09 1.17 0.00	40.80 1.05 0.00	33.77 0.88 0.00	27.91 0.77 0.00

LITTLE FALLS___HYD 24013	21.58 -0.01 0.00	21.29 0.07 0.00	20.66 0.04 0.00	20.00 0.11 0.00	20.15 0.17 0.00	26.17 0.07 0.00	33.51 0.07 0.00	40.40 0.24 0.00	31.86 -0.11 0.00	28.80 -0.51 0.00	22.38 -0.43 0.00	21.66 -0.51 0.00	22.51 -0.66 0.00	27.41 -0.82 0.00	31.24 -0.92 0.00	30.04 -0.71 0.00	32.70 -0.50 0.00	42.92 -0.07 0.00	45.50 0.37 0.00	50.03 0.42 0.00	40.26 0.33 0.00	39.80 0.06 0.00	32.80 -0.09 0.00	27.02 -0.12 0.00
LITTLRIV_115KV_TB1 356100	22.19 0.61 0.00	21.77 0.56 0.00	21.16 0.55 0.00	20.34 0.45 0.00	20.42 0.43 0.00	26.70 0.61 0.00	34.35 0.90 0.00	41.11 0.95 0.00	32.47 0.50 0.00	29.37 0.07 0.00	22.79 -0.02 0.00	22.04 -0.13 0.00	22.88 -0.28 0.00	27.76 -0.47 0.00	31.77 -0.39 0.00	30.44 -0.32 -0.02	32.78 -0.42 0.00	42.99 -0.30 -0.29	45.42 -0.05 -0.34	50.25 0.17 -0.47	40.29 0.37 0.00	40.44 0.69 -0.01	33.54 0.65 0.00	27.74 0.60 0.00
LI_NEWBRDGE___DRP 323616	22.48 0.89 0.00	22.16 0.94 0.00	21.44 0.83 0.00	20.76 0.87 0.00	20.90 0.92 0.00	27.27 1.17 0.00	34.95 1.50 0.00	41.79 1.63 0.00	33.25 1.28 0.00	30.53 1.22 0.00	24.00 1.18 0.00	23.40 1.23 0.00	24.50 1.33 0.00	29.71 1.49 0.00	33.85 1.69 0.00	32.24 1.49 0.00	34.74 1.54 0.00	44.66 1.66 0.00	47.04 1.91 0.00	51.67 2.06 0.00	41.42 1.50 0.00	41.18 1.44 0.00	34.15 1.26 0.00	28.17 1.03 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.73 0.14 0.00	21.25 0.03 0.00	20.64 0.02 0.00	19.73 -0.15 0.00	19.80 -0.18 0.00	26.53 0.43 0.00	33.68 0.24 0.00	39.59 -0.58 0.00	31.89 -0.08 0.00	29.62 0.31 0.00	23.10 0.29 0.00	22.36 0.20 0.00	23.31 0.15 0.00	28.50 0.28 0.00	32.55 0.39 0.00	30.86 0.12 0.00	32.82 -0.38 0.00	42.41 -0.58 0.00	44.43 -0.69 0.00	48.81 -0.80 0.00	39.42 -0.51 0.00	39.55 -0.19 0.00	33.03 0.14 0.00	27.58 0.44 0.00
LOCKPORT___CC1 323769	21.70 0.12 0.00	21.23 0.01 0.00	20.61 0.00 0.00	19.71 -0.17 0.00	19.78 -0.20 0.00	26.50 0.41 0.00	33.65 0.20 0.00	39.55 -0.61 0.00	31.86 -0.11 0.00	29.59 0.28 0.00	23.09 0.28 0.00	22.35 0.19 0.00	23.29 0.13 0.00	28.50 0.27 0.00	32.55 0.38 0.00	30.84 0.10 0.00	32.80 -0.39 0.00	42.39 -0.61 0.00	44.40 -0.72 0.00	48.76 -0.85 0.00	39.38 -0.55 0.00	39.52 -0.22 0.00	33.00 0.11 0.00	27.56 0.41 0.00
LOCKPORT___CC2 323770	21.70 0.12 0.00	21.23 0.01 0.00	20.61 0.00 0.00	19.71 -0.17 0.00	19.78 -0.20 0.00	26.50 0.41 0.00	33.65 0.20 0.00	39.55 -0.61 0.00	31.86 -0.11 0.00	29.59 0.28 0.00	23.09 0.28 0.00	22.35 0.19 0.00	23.29 0.13 0.00	28.50 0.27 0.00	32.55 0.38 0.00	30.84 0.10 0.00	32.80 -0.39 0.00	42.39 -0.61 0.00	44.40 -0.72 0.00	48.76 -0.85 0.00	39.38 -0.55 0.00	39.52 -0.22 0.00	33.00 0.11 0.00	27.56 0.41 0.00
LOCKPORT___CC3 323771	21.70 0.12 0.00	21.23 0.01 0.00	20.61 0.00 0.00	19.71 -0.17 0.00	19.78 -0.20 0.00	26.50 0.41 0.00	33.65 0.20 0.00	39.55 -0.61 0.00	31.86 -0.11 0.00	29.59 0.28 0.00	23.09 0.28 0.00	22.35 0.19 0.00	23.29 0.13 0.00	28.50 0.27 0.00	32.55 0.38 0.00	30.84 0.10 0.00	32.80 -0.39 0.00	42.39 -0.61 0.00	44.40 -0.72 0.00	48.76 -0.85 0.00	39.38 -0.55 0.00	39.52 -0.22 0.00	33.00 0.11 0.00	27.56 0.41 0.00
LONG_LAKE_PHOENIX 24014	21.18 -0.41 0.00	20.78 -0.44 0.00	20.17 -0.44 0.00	19.46 -0.42 0.00	19.56 -0.42 0.00	25.66 -0.44 0.00	32.93 -0.52 0.00	39.52 -0.64 0.00	31.36 -0.61 0.00	28.82 -0.49 0.00	22.46 -0.35 0.00	21.83 -0.33 0.00	22.77 -0.39 0.00	27.78 -0.44 0.00	31.70 -0.47 0.00	30.42 -0.50 -0.17	32.70 -0.49 0.00	45.55 -0.61 -3.16	48.27 -0.56 -3.70	54.10 -0.58 -5.08	39.46 -0.47 0.00	39.31 -0.51 -0.08	32.45 -0.44 0.00	26.75 -0.40 0.00
LOVETT___3 23632	22.24 0.65 0.00	21.86 0.64 0.00	21.17 0.56 0.00	20.51 0.62 0.00	20.61 0.63 0.00	26.92 0.83 0.00	34.54 1.10 0.00	41.45 1.29 0.00	32.92 0.94 0.00	30.17 0.86 0.00	23.59 0.78 0.00	23.06 0.90 0.00	24.22 1.06 0.00	29.51 1.28 0.00	33.50 1.34 0.00	31.97 1.22 0.00	34.51 1.31 0.00	44.57 1.58 0.00	46.85 1.73 0.00	51.48 1.87 0.00	41.30 1.37 0.00	40.92 1.17 0.00	33.84 0.95 0.00	27.93 0.78 0.00
LOVETT___4 23642	22.24 0.65 0.00	21.86 0.64 0.00	21.17 0.56 0.00	20.51 0.62 0.00	20.61 0.63 0.00	26.92 0.83 0.00	34.54 1.10 0.00	41.45 1.29 0.00	32.92 0.94 0.00	30.17 0.86 0.00	23.59 0.78 0.00	23.06 0.90 0.00	24.22 1.06 0.00	29.51 1.28 0.00	33.50 1.34 0.00	31.97 1.22 0.00	34.51 1.31 0.00	44.57 1.58 0.00	46.85 1.73 0.00	51.48 1.87 0.00	41.30 1.37 0.00	40.92 1.17 0.00	33.84 0.95 0.00	27.93 0.78 0.00
LOVETT___5 23593	22.24 0.65 0.00	21.86 0.64 0.00	21.17 0.56 0.00	20.51 0.62 0.00	20.61 0.63 0.00	26.92 0.83 0.00	34.54 1.10 0.00	41.45 1.29 0.00	32.92 0.94 0.00	30.17 0.86 0.00	23.59 0.78 0.00	23.06 0.90 0.00	24.22 1.06 0.00	29.51 1.28 0.00	33.50 1.34 0.00	31.97 1.22 0.00	34.51 1.31 0.00	44.57 1.58 0.00	46.85 1.73 0.00	51.48 1.87 0.00	41.30 1.37 0.00	40.92 1.17 0.00	33.84 0.95 0.00	27.93 0.78 0.00
LOWER RAQUET___HYD 24057	21.96 0.37 0.00	21.55 0.33 0.00	20.94 0.33 0.00	20.12 0.24 0.00	20.20 0.21 0.00	26.39 0.29 0.00	33.91 0.46 0.00	40.57 0.41 0.00	32.04 0.07 0.00	29.13 -0.18 0.00	22.62 -0.19 0.00	21.86 -0.30 0.00	22.71 -0.45 0.00	27.53 -0.70 0.00	31.49 -0.67 0.00	30.17 -0.60 -0.02	32.45 -0.75 0.00	42.46 -0.84 -0.31	44.68 -0.82 -0.37	49.36 -0.75 -0.50	39.62 -0.30 0.00	39.81 0.06 -0.01	33.08 0.19 0.00	27.39 0.25 0.00
LOWER___HUDSON 24059	22.23 0.64 0.00	21.87 0.65 0.00	21.24 0.63 0.00	20.57 0.69 0.00	20.70 0.72 0.00	26.86 0.77 0.00	34.33 0.88 0.00	41.34 1.18 0.00	32.67 0.70 0.00	29.75 0.44 0.00	23.17 0.35 0.00	22.49 0.33 0.00	23.53 0.36 0.00	28.62 0.39 0.00	32.60 0.44 0.00	31.33 0.59 0.00	33.90 0.70 0.00	44.04 1.05 0.00	46.55 1.43 0.00	51.24 1.63 0.00	41.26 1.34 0.00	40.85 1.10 0.00	33.75 0.86 0.00	27.87 0.73 0.00
LOWVILLE_115KV_TB2 356335	22.22 0.63 0.00	21.80 0.58 0.00	21.18 0.57 0.00	20.40 0.51 0.00	20.52 0.54 0.00	26.94 0.84 0.00	34.77 1.33 0.00	41.75 1.59 0.00	32.98 1.01 0.00	29.95 0.64 0.00	23.06 0.24 0.00	22.24 0.08 0.00	23.03 -0.13 0.00	28.06 -0.16 0.00	32.13 -0.03 0.00	30.68 -0.11 -0.04	33.30 0.10 0.00	44.09 0.42 -0.68	46.82 0.90 -0.80	52.11 1.41 -1.09	41.58 1.65 0.00	41.30 1.54 -0.02	33.82 0.93 0.00	27.79 0.65 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.56 0.97 0.00	22.19 0.97 0.00	21.54 0.93 0.00	20.84 0.96 0.00	20.99 1.01 0.00	27.31 1.21 0.00	34.96 1.51 0.00	42.06 1.90 0.00	33.27 1.29 0.00	30.31 1.00 0.00	23.59 0.77 0.00	22.85 0.69 0.00	23.88 0.72 0.00	29.05 0.83 0.00	33.14 0.98 0.00	31.91 1.17 0.00	34.61 1.41 0.00	45.04 2.04 0.00	47.59 2.47 0.00	52.38 2.77 0.00	42.10 2.18 0.00	41.69 1.95 0.00	34.39 1.50 0.00	28.36 1.22 0.00

LUTHERNY_35_KV_BK2 355980	22.57 0.98 0.00	22.20 0.98 0.00	21.54 0.93 0.00	20.84 0.96 0.00	20.99 1.01 0.00	27.32 1.22 0.00	34.98 1.53 0.00	42.08 1.92 0.00	33.27 1.30 0.00	30.29 0.99 0.00	23.59 0.77 0.00	22.85 0.69 0.00	23.88 0.71 0.00	29.05 0.83 0.00	33.15 0.99 0.00	31.91 1.16 0.00	34.65 1.46 0.00	45.06 2.06 0.00	47.64 2.51 0.00	52.42 2.81 0.00	42.12 2.19 0.00	41.77 2.03 0.00	34.38 1.49 0.00	28.36 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	22.07 0.49 0.00	21.66 0.44 0.00	21.05 0.43 0.00	20.25 0.36 0.00	20.35 0.37 0.00	26.65 0.55 0.00	34.35 0.90 0.00	41.16 1.00 0.00	32.50 0.53 0.00	29.50 0.19 0.00	22.78 -0.03 0.00	21.97 -0.19 0.00	22.74 -0.42 0.00	27.64 -0.58 0.00	31.64 -0.53 0.00	30.26 -0.52 -0.03	32.72 -0.48 0.00	43.20 -0.39 -0.59	45.72 -0.09 -0.70	50.77 0.21 -0.95	40.63 0.70 0.00	40.58 0.83 -0.02	33.46 0.57 0.00	27.60 0.45 0.00
LYONS_FALL_HYD 23570	22.14 0.55 0.00	21.73 0.51 0.00	21.11 0.49 0.00	20.35 0.46 0.00	20.46 0.48 0.00	26.84 0.74 0.00	34.59 1.14 0.00	41.55 1.39 0.00	32.90 0.92 0.00	29.98 0.67 0.00	23.14 0.33 0.00	22.40 0.24 0.00	23.25 0.09 0.00	28.35 0.13 0.00	32.39 0.23 0.00	30.99 0.22 -0.03	33.61 0.41 0.00	44.26 0.77 -0.50	46.83 1.12 -0.58	51.91 1.50 -0.80	41.43 1.51 0.00	41.14 1.39 -0.01	33.81 0.91 0.00	27.79 0.65 0.00
MADISON___COUNTY_LFGE 323628	22.07 0.49 0.00	21.67 0.45 0.00	21.03 0.42 0.00	20.29 0.40 0.00	20.41 0.42 0.00	26.78 0.68 0.00	34.45 1.00 0.00	41.38 1.22 0.00	32.91 0.94 0.00	30.13 0.83 0.00	23.29 0.48 0.00	22.65 0.49 0.00	23.62 0.46 0.00	28.83 0.60 0.00	32.86 0.70 0.00	31.50 0.72 -0.03	34.12 0.92 0.00	44.92 1.40 -0.52	47.39 1.65 -0.61	52.31 1.86 -0.84	41.39 1.47 0.00	41.10 1.35 -0.01	33.90 1.01 0.00	27.89 0.75 0.00
MALONE___115KV_TB1 356076	22.21 0.63 0.00	21.78 0.56 0.00	21.12 0.50 0.00	20.29 0.40 0.00	20.37 0.39 0.00	26.47 0.38 0.00	33.91 0.46 0.00	40.89 0.73 0.00	32.54 0.57 0.00	29.67 0.36 0.00	23.10 0.29 0.00	22.34 0.18 0.00	23.27 0.10 0.00	28.24 0.02 0.00	32.27 0.11 0.00	30.98 0.24 0.00	33.44 0.25 0.00	43.43 0.43 0.00	45.29 0.17 0.00	49.69 0.08 0.00	40.09 0.17 0.00	40.08 0.34 0.00	33.21 0.32 0.00	27.37 0.23 0.00
MAPLEWOD_115KV_TB3 80458	22.08 0.49 0.00	21.72 0.50 0.00	21.10 0.49 0.00	20.42 0.53 0.00	20.54 0.56 0.00	26.67 0.58 0.00	34.14 0.69 0.00	41.10 0.94 0.00	32.54 0.57 0.00	29.68 0.37 0.00	23.14 0.33 0.00	22.47 0.30 0.00	23.48 0.31 0.00	28.58 0.35 0.00	32.55 0.39 0.00	31.28 0.53 0.00	33.83 0.64 0.00	43.95 0.95 0.00	46.39 1.27 0.00	51.05 1.44 0.00	41.07 1.15 0.00	40.67 0.93 0.00	33.59 0.70 0.00	27.71 0.57 0.00
MAPLE_RIDGE_WT_1 323574	21.58 0.00 0.00	21.21 -0.01 0.00	20.60 -0.01 0.00	19.84 -0.05 0.00	19.92 -0.06 0.00	26.01 -0.09 0.00	33.35 -0.10 0.00	40.04 -0.13 0.00	31.86 -0.12 0.00	29.17 -0.14 0.00	22.71 -0.10 0.00	22.02 -0.14 0.00	22.98 -0.18 0.00	27.99 -0.23 0.00	31.95 -0.21 0.00	30.57 -0.18 0.00	32.98 -0.21 0.00	42.67 -0.33 0.00	44.73 -0.39 0.00	49.16 -0.44 0.00	39.61 -0.31 0.00	39.52 -0.22 0.00	32.65 -0.24 0.00	26.86 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	21.58 0.00 0.00	21.21 -0.01 0.00	20.60 -0.01 0.00	19.84 -0.05 0.00	19.92 -0.06 0.00	26.01 -0.09 0.00	33.35 -0.10 0.00	40.04 -0.13 0.00	31.86 -0.12 0.00	29.17 -0.14 0.00	22.71 -0.10 0.00	22.02 -0.14 0.00	22.98 -0.18 0.00	27.99 -0.23 0.00	31.95 -0.21 0.00	30.57 -0.18 0.00	32.98 -0.21 0.00	42.67 -0.33 0.00	44.73 -0.39 0.00	49.16 -0.44 0.00	39.61 -0.31 0.00	39.52 -0.22 0.00	32.65 -0.24 0.00	26.86 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	22.21 0.62 0.00	21.77 0.55 0.00	21.09 0.47 0.00	20.27 0.39 0.00	20.36 0.37 0.00	26.36 0.26 0.00	33.66 0.21 0.00	40.60 0.44 0.00	32.39 0.42 0.00	29.62 0.31 0.00	23.09 0.28 0.00	22.31 0.15 0.00	23.31 0.15 0.00	28.29 0.07 0.00	32.31 0.14 0.00	31.06 0.31 0.00	33.54 0.35 0.00	43.54 0.55 0.00	45.19 0.07 0.00	49.37 -0.23 0.00	39.81 -0.12 0.00	39.75 0.01 0.00	32.95 0.06 0.00	27.17 0.02 0.00
MARSHVLE_115KV_TB1 80742	22.93 1.34 0.00	22.46 1.24 0.00	21.82 1.21 0.00	21.01 1.12 0.00	21.09 1.11 0.00	27.73 1.64 0.00	35.81 2.36 0.00	42.99 2.83 0.00	34.00 2.03 0.00	30.90 1.59 0.00	24.13 1.32 0.00	23.31 1.15 0.00	24.17 1.01 0.00	29.47 1.24 0.00	33.69 1.52 0.00	32.23 1.49 0.00	34.95 1.75 0.00	45.59 2.60 0.00	48.11 2.98 0.00	52.88 3.27 0.00	42.53 2.60 0.00	42.37 2.63 0.00	35.08 2.19 0.00	28.91 1.76 0.00
MARSH_HILL_WT_PWR 323713	22.57 0.99 0.00	22.09 0.87 0.00	21.35 0.74 0.00	20.60 0.71 0.00	20.68 0.70 0.00	27.73 1.63 0.00	35.70 2.26 0.00	42.79 2.63 0.00	34.10 2.12 0.00	31.46 2.15 0.00	24.28 1.47 0.00	23.54 1.38 0.00	24.45 1.29 0.00	30.01 1.78 0.00	34.21 2.05 0.00	32.40 1.63 -0.02	34.87 1.67 0.00	46.21 2.78 -0.43	48.83 3.20 -0.51	53.67 3.37 -0.69	42.16 2.24 0.00	42.36 2.60 -0.01	35.10 2.21 0.00	28.78 1.64 0.00
MCINTYRE_115KV_TB2 80467	22.28 0.70 0.00	21.87 0.65 0.00	21.25 0.64 0.00	20.43 0.54 0.00	20.50 0.52 0.00	26.82 0.73 0.00	34.51 1.06 0.00	41.35 1.19 0.00	32.64 0.67 0.00	29.45 0.14 0.00	22.85 0.03 0.00	22.09 -0.07 0.00	22.96 -0.20 0.00	27.87 -0.35 0.00	31.90 -0.26 0.00	30.56 -0.20 -0.02	32.93 -0.27 0.00	43.18 -0.08 -0.27	45.77 0.33 -0.31	50.69 0.65 -0.42	40.60 0.67 0.00	40.73 0.99 -0.01	33.73 0.84 0.00	27.88 0.74 0.00
MECO_____69_KV_BK1 80468	22.99 1.40 0.00	22.55 1.33 0.00	21.90 1.29 0.00	21.11 1.22 0.00	21.22 1.24 0.00	27.81 1.71 0.00	35.89 2.45 0.00	43.18 3.03 0.00	34.08 2.11 0.00	30.87 1.56 0.00	23.93 1.12 0.00	23.01 0.85 0.00	23.75 0.58 0.00	28.90 0.68 0.00	33.04 0.88 0.00	31.72 0.97 0.00	34.66 1.47 0.00	45.72 2.72 0.00	48.56 3.43 0.00	53.50 3.89 0.00	42.99 3.06 0.00	42.67 2.93 0.00	35.25 2.36 0.00	29.00 1.86 0.00
MENANDS___115KV_TB5 355628	21.94 0.35 0.00	21.59 0.37 0.00	20.98 0.37 0.00	20.31 0.42 0.00	20.43 0.45 0.00	26.51 0.41 0.00	33.92 0.47 0.00	40.83 0.67 0.00	32.32 0.35 0.00	29.49 0.18 0.00	22.99 0.18 0.00	22.33 0.17 0.00	23.35 0.19 0.00	28.43 0.21 0.00	32.37 0.20 0.00	31.09 0.34 0.00	33.62 0.42 0.00	43.62 0.63 0.00	46.03 0.91 0.00	50.65 1.04 0.00	40.76 0.83 0.00	40.36 0.62 0.00	33.36 0.46 0.00	27.52 0.37 0.00
MG INDUSTRY___DRP 24185	21.94 0.35 0.00	21.60 0.39 0.00	21.01 0.39 0.00	20.31 0.42 0.00	20.42 0.44 0.00	26.53 0.43 0.00	33.95 0.51 0.00	40.83 0.67 0.00	32.33 0.35 0.00	29.50 0.19 0.00	22.97 0.15 0.00	22.28 0.12 0.00	23.23 0.07 0.00	28.24 0.01 0.00	32.11 -0.06 0.00	30.81 0.07 0.00	33.44 0.24 0.00	43.45 0.46 0.00	45.93 0.81 0.00	50.53 0.92 0.00	40.67 0.75 0.00	40.33 0.59 0.00	33.33 0.44 0.00	27.51 0.37 0.00

MID___OSWEGATCHIE_HYD 23849	22.07 0.49 0.00	21.66 0.44 0.00	21.05 0.43 0.00	20.25 0.36 0.00	20.35 0.37 0.00	26.65 0.55 0.00	34.35 0.90 0.00	41.16 1.00 0.00	32.50 0.53 0.00	29.50 0.19 0.00	22.78 -0.03 0.00	21.97 -0.19 0.00	22.74 -0.42 0.00	27.64 -0.58 0.00	31.64 -0.53 0.00	30.26 -0.52 -0.03	32.72 -0.48 0.00	43.20 -0.39 -0.59	45.72 -0.09 -0.70	50.77 0.21 -0.95	40.63 0.70 0.00	40.58 0.83 -0.02	33.46 0.57 0.00	27.60 0.45 0.00
MID___RAQUETTE_HYD 23851	21.96 0.37 0.00	21.55 0.33 0.00	20.94 0.33 0.00	20.13 0.24 0.00	20.20 0.21 0.00	26.39 0.29 0.00	33.91 0.47 0.00	40.57 0.41 0.00	32.04 0.07 0.00	29.13 -0.18 0.00	22.62 -0.19 0.00	21.86 -0.30 0.00	22.71 -0.45 0.00	27.53 -0.70 0.00	31.49 -0.67 0.00	30.17 -0.59 -0.02	32.45 -0.74 0.00	42.47 -0.84 -0.31	44.68 -0.81 -0.37	49.36 -0.75 -0.50	39.62 -0.30 0.00	39.81 0.06 -0.01	33.08 0.19 0.00	27.39 0.25 0.00
MILLIKEN___1 23584	21.99 0.41 0.00	21.57 0.35 0.00	20.92 0.31 0.00	20.19 0.30 0.00	20.29 0.31 0.00	26.74 0.64 0.00	34.35 0.91 0.00	41.30 1.14 0.00	32.88 0.91 0.00	30.25 0.94 0.00	23.42 0.60 0.00	22.67 0.51 0.00	23.66 0.50 0.00	28.91 0.69 0.00	33.02 0.85 0.00	31.49 0.70 -0.04	34.03 0.84 0.00	45.19 1.35 -0.85	47.77 1.66 -0.99	52.80 1.83 -1.36	41.33 1.41 0.00	41.10 1.34 -0.02	33.91 1.02 0.00	27.92 0.77 0.00
MILLIKEN___2 23585	21.99 0.41 0.00	21.57 0.35 0.00	20.92 0.31 0.00	20.19 0.30 0.00	20.29 0.31 0.00	26.74 0.64 0.00	34.35 0.91 0.00	41.30 1.14 0.00	32.88 0.91 0.00	30.25 0.94 0.00	23.42 0.60 0.00	22.67 0.51 0.00	23.66 0.50 0.00	28.91 0.69 0.00	33.02 0.85 0.00	31.49 0.70 -0.04	34.03 0.84 0.00	45.19 1.35 -0.85	47.77 1.66 -0.99	52.80 1.83 -1.36	41.33 1.41 0.00	41.10 1.34 -0.02	33.91 1.02 0.00	27.92 0.77 0.00
MILLIKEN___DIESEL 23629	21.99 0.41 0.00	21.57 0.35 0.00	20.92 0.31 0.00	20.19 0.30 0.00	20.29 0.31 0.00	26.74 0.64 0.00	34.35 0.91 0.00	41.30 1.14 0.00	32.88 0.91 0.00	30.25 0.94 0.00	23.42 0.60 0.00	22.67 0.51 0.00	23.66 0.50 0.00	28.91 0.69 0.00	33.02 0.85 0.00	31.49 0.70 -0.04	34.03 0.84 0.00	45.19 1.35 -0.85	47.77 1.66 -0.99	52.80 1.83 -1.36	41.33 1.41 0.00	41.10 1.34 -0.02	33.91 1.02 0.00	27.92 0.77 0.00
MILLSEAT___LFGE 323607	22.09 0.50 0.00	21.59 0.38 0.00	20.96 0.35 0.00	20.06 0.17 0.00	20.14 0.16 0.00	26.96 0.86 0.00	34.35 0.90 0.00	40.55 0.39 0.00	32.65 0.68 0.00	30.29 0.98 0.00	23.62 0.80 0.00	22.83 0.66 0.00	23.78 0.62 0.00	29.02 0.80 0.00	33.11 0.95 0.00	31.38 0.64 0.00	33.50 0.31 0.00	43.44 0.44 0.00	45.67 0.55 0.00	50.20 0.59 0.00	40.50 0.58 0.00	40.52 0.77 0.00	33.74 0.85 0.00	28.09 0.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.40 0.81 0.00	22.03 0.82 0.00	21.36 0.75 0.00	20.68 0.80 0.00	20.79 0.81 0.00	27.10 1.00 0.00	34.75 1.30 0.00	41.74 1.57 0.00	33.17 1.20 0.00	30.42 1.11 0.00	23.79 0.98 0.00	23.24 1.07 0.00	24.38 1.22 0.00	29.67 1.44 0.00	33.71 1.55 0.00	32.18 1.44 0.00	34.72 1.53 0.00	44.80 1.80 0.00	47.11 1.98 0.00	51.78 2.17 0.00	41.55 1.62 0.00	41.19 1.45 0.00	34.07 1.18 0.00	28.12 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	22.45 0.86 0.00	22.08 0.86 0.00	21.41 0.80 0.00	20.73 0.84 0.00	20.84 0.86 0.00	27.16 1.06 0.00	34.83 1.38 0.00	41.84 1.68 0.00	33.27 1.29 0.00	30.50 1.20 0.00	23.86 1.04 0.00	23.30 1.14 0.00	24.43 1.27 0.00	29.73 1.51 0.00	33.80 1.63 0.00	32.27 1.53 0.00	34.82 1.63 0.00	44.92 1.93 0.00	47.24 2.12 0.00	51.94 2.33 0.00	41.66 1.73 0.00	41.29 1.55 0.00	34.16 1.27 0.00	28.18 1.04 0.00
MODEL_CITY_ENERGY 24167	21.52 -0.07 0.00	21.06 -0.16 0.00	20.45 -0.16 0.00	19.56 -0.34 0.00	19.62 -0.36 0.00	26.27 0.17 0.00	33.34 -0.11 0.00	39.09 -1.07 0.00	31.50 -0.48 0.00	29.26 -0.05 0.00	22.83 0.01 0.00	22.09 -0.07 0.00	23.02 -0.14 0.00	28.15 -0.07 0.00	32.16 -0.01 0.00	30.49 -0.26 0.00	32.40 -0.79 0.00	41.82 -1.17 0.00	43.80 -1.32 0.00	48.08 -1.53 0.00	38.87 -1.05 0.00	39.04 -0.71 0.00	32.65 -0.24 0.00	27.30 0.15 0.00
MODERN_LFGE___ 323580	21.52 -0.07 0.00	21.06 -0.16 0.00	20.45 -0.16 0.00	19.56 -0.34 0.00	19.62 -0.36 0.00	26.27 0.17 0.00	33.34 -0.11 0.00	39.09 -1.07 0.00	31.50 -0.48 0.00	29.26 -0.05 0.00	22.83 0.01 0.00	22.09 -0.07 0.00	23.02 -0.14 0.00	28.15 -0.07 0.00	32.16 -0.01 0.00	30.49 -0.26 0.00	32.40 -0.79 0.00	41.82 -1.17 0.00	43.80 -1.32 0.00	48.08 -1.53 0.00	38.87 -1.05 0.00	39.04 -0.71 0.00	32.65 -0.24 0.00	27.30 0.15 0.00
MOHAWK_PAPER___DRP 24187	22.08 0.49 0.00	21.72 0.50 0.00	21.10 0.49 0.00	20.42 0.53 0.00	20.54 0.56 0.00	26.67 0.58 0.00	34.14 0.69 0.00	41.10 0.94 0.00	32.54 0.57 0.00	29.68 0.37 0.00	23.14 0.33 0.00	22.47 0.30 0.00	23.48 0.31 0.00	28.58 0.35 0.00	32.55 0.39 0.00	31.28 0.53 0.00	33.83 0.64 0.00	43.95 0.95 0.00	46.39 1.27 0.00	51.05 1.44 0.00	41.07 1.15 0.00	40.67 0.93 0.00	33.59 0.70 0.00	27.71 0.57 0.00
MOHICAN___35_KV_115KV_LD 80490	22.86 1.27 0.00	22.45 1.24 0.00	21.77 1.17 0.00	21.09 1.21 0.00	21.27 1.29 0.00	27.72 1.63 0.00	35.39 1.94 0.00	42.65 2.49 0.00	33.68 1.71 0.00	30.67 1.36 0.00	23.83 1.02 0.00	23.04 0.87 0.00	24.12 0.96 0.00	29.28 1.05 0.00	33.42 1.26 0.00	32.32 1.57 0.00	35.24 2.04 0.00	45.94 2.95 0.00	48.57 3.45 0.00	53.48 3.87 0.00	42.97 3.05 0.00	42.38 2.64 0.00	34.90 2.01 0.00	28.80 1.66 0.00
MONGAUP___HYD 23641	22.36 0.77 0.00	21.98 0.76 0.00	21.30 0.70 0.00	20.60 0.72 0.00	20.74 0.76 0.00	27.08 0.98 0.00	34.77 1.33 0.00	41.81 1.64 0.00	33.18 1.21 0.00	30.33 1.02 0.00	23.63 0.82 0.00	22.96 0.80 0.00	23.95 0.79 0.00	29.06 0.83 0.00	33.00 0.84 0.00	31.40 0.66 0.00	34.45 1.26 0.00	44.65 1.66 0.00	47.13 2.01 0.00	51.91 2.30 0.00	41.68 1.75 0.00	41.34 1.60 0.00	34.19 1.30 0.00	28.16 1.02 0.00
MONTAUK___DIESEL 23721	22.62 1.03 0.00	22.57 1.36 0.00	21.91 1.30 0.00	21.24 1.35 0.00	21.39 1.41 0.00	27.63 1.53 0.00	35.34 1.90 0.00	42.01 1.85 0.00	33.24 1.27 0.00	30.29 0.98 0.00	24.17 1.35 0.00	23.42 1.26 0.00	24.41 1.25 0.00	29.56 1.34 0.00	33.77 1.61 0.00	32.13 1.39 0.00	34.86 1.67 0.00	44.93 1.94 0.00	47.73 2.60 0.00	51.99 2.39 0.00	41.67 1.74 0.00	41.15 1.41 0.00	34.22 1.33 0.00	28.40 1.25 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.28 0.70 0.00	21.76 0.54 0.00	21.08 0.46 0.00	20.28 0.39 0.00	20.36 0.38 0.00	27.42 1.32 0.00	35.05 1.60 0.00	41.48 1.32 0.00	33.39 1.42 0.00	31.27 1.96 0.00	24.22 1.41 0.00	23.70 1.54 0.00	24.83 1.67 0.00	30.42 2.20 0.00	34.63 2.47 0.00	32.73 1.99 0.00	35.06 1.86 0.00	45.36 2.37 0.00	47.45 2.33 0.00	52.08 2.47 0.00	41.97 2.05 0.00	42.06 2.33 0.00	34.88 1.99 0.00	28.81 1.67 0.00

MORRIS RIDGE___SOLAR 323848	21.73 0.14 0.00	21.27 0.05 0.00	20.61 0.00 0.00	19.83 -0.06 0.00	19.90 -0.08 0.00	26.61 0.51 0.00	33.90 0.46 0.00	40.38 0.22 0.00	32.38 0.40 0.00	30.05 0.75 0.00	23.38 0.57 0.00	22.73 0.57 0.00	23.74 0.58 0.00	29.05 0.83 0.00	33.10 0.94 0.00	31.40 0.64 -0.02	33.63 0.44 0.00	43.83 0.56 -0.27	45.98 0.54 -0.32	50.56 0.51 -0.43	40.36 0.44 0.00	40.37 0.63 -0.01	33.55 0.66 0.00	27.82 0.68 0.00
MORTIMER_115KV_TB3 55949	21.95 0.36 0.00	21.49 0.27 0.00	20.85 0.24 0.00	20.01 0.12 0.00	20.10 0.12 0.00	26.71 0.61 0.00	34.14 0.70 0.00	40.60 0.44 0.00	32.58 0.60 0.00	30.10 0.79 0.00	23.43 0.62 0.00	22.71 0.55 0.00	23.69 0.52 0.00	28.93 0.71 0.00	33.07 0.90 0.00	31.46 0.71 0.00	33.74 0.54 0.00	43.78 0.79 0.00	45.91 0.79 0.00	50.45 0.84 0.00	40.61 0.69 0.00	40.47 0.73 0.00	33.57 0.69 0.00	27.82 0.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.59 0.99 0.00	22.21 1.00 0.00	21.54 0.93 0.00	20.86 0.97 0.00	20.97 0.99 0.00	27.31 1.21 0.00	35.04 1.59 0.00	42.05 1.89 0.00	33.46 1.48 0.00	30.73 1.42 0.00	24.05 1.23 0.00	23.50 1.34 0.00	24.65 1.49 0.00	29.99 1.77 0.00	34.07 1.91 0.00	32.51 1.77 0.00	35.05 1.85 0.00	45.13 2.14 0.00	47.44 2.32 0.00	52.14 2.54 0.00	41.83 1.90 0.00	41.49 1.75 0.00	34.34 1.45 0.00	28.35 1.20 0.00
MUNSVILLE_WIND_PWR 323609	23.08 1.49 0.00	22.64 1.42 0.00	21.94 1.33 0.00	21.17 1.28 0.00	21.31 1.32 0.00	28.21 2.12 0.00	36.42 2.97 0.00	43.77 3.61 0.00	34.67 2.69 0.00	31.70 2.39 0.00	24.51 1.69 0.00	23.63 1.46 0.00	24.71 1.55 0.00	30.19 1.97 0.00	34.48 2.32 0.00	32.92 2.14 -0.04	35.46 2.27 0.00	47.61 3.96 -0.66	50.27 4.38 -0.77	55.46 4.81 -1.05	43.59 3.67 0.00	43.21 3.46 -0.02	35.41 2.52 0.00	29.13 1.99 0.00
N SALMON___HYD 24042	22.21 0.63 0.00	21.78 0.56 0.00	21.12 0.50 0.00	20.29 0.40 0.00	20.37 0.39 0.00	26.47 0.38 0.00	33.91 0.46 0.00	40.89 0.73 0.00	32.55 0.57 0.00	29.67 0.36 0.00	23.10 0.29 0.00	22.34 0.18 0.00	23.27 0.10 0.00	28.24 0.02 0.00	32.27 0.11 0.00	30.98 0.24 0.00	33.44 0.25 0.00	43.43 0.43 0.00	45.29 0.17 0.00	49.69 0.08 0.00	40.09 0.17 0.00	40.08 0.34 0.00	33.21 0.32 0.00	27.37 0.23 0.00
N.AKRON__115KV_KNAPP 355671	22.01 0.43 0.00	21.52 0.30 0.00	20.89 0.28 0.00	19.99 0.10 0.00	20.06 0.08 0.00	26.88 0.78 0.00	34.21 0.76 0.00	40.32 0.16 0.00	32.48 0.51 0.00	30.15 0.84 0.00	23.50 0.69 0.00	22.73 0.57 0.00	23.68 0.52 0.00	28.93 0.70 0.00	33.02 0.85 0.00	31.31 0.56 0.00	33.35 0.16 0.00	43.20 0.21 0.00	45.38 0.25 0.00	49.87 0.26 0.00	40.23 0.31 0.00	40.30 0.55 0.00	33.58 0.69 0.00	27.99 0.84 0.00
N.BELMOR_69_KV_BK1 55787	22.62 1.04 0.00	22.29 1.07 0.00	21.57 0.95 0.00	20.88 0.99 0.00	21.02 1.04 0.00	27.45 1.35 0.00	35.20 1.75 0.00	42.09 1.93 0.00	33.50 1.52 0.00	30.73 1.43 0.00	24.16 1.35 0.00	23.56 1.39 0.00	24.65 1.49 0.00	29.92 1.69 0.00	34.13 1.96 0.00	32.48 1.73 0.00	35.00 1.80 0.00	44.98 1.99 0.00	47.29 2.16 0.00	51.99 2.38 0.00	41.73 1.81 0.00	41.49 1.75 0.00	34.41 1.52 0.00	28.37 1.23 0.00
N.E_GEN_SANDY PD 24062	22.17 0.58 0.00	21.80 0.59 0.00	21.19 0.57 0.00	20.54 0.65 0.00	20.66 0.68 0.00	25.81 0.69 0.97	33.44 0.76 0.77	42.42 1.03 -1.23	33.22 0.59 -0.66	30.29 0.33 -0.64	22.68 0.33 0.46	22.10 0.34 0.41	23.59 0.43 0.00	27.61 0.46 1.07	29.80 0.46 2.83	30.94 0.55 0.36	34.02 0.62 -0.20	43.85 0.86 0.00	52.90 1.20 -6.57	51.00 1.39 0.00	41.67 1.13 -0.61	39.47 0.88 1.15	33.59 0.70 0.00	27.76 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.28 0.69 0.00	21.90 0.68 0.00	21.21 0.60 0.00	20.54 0.66 0.00	20.64 0.66 0.00	26.98 0.88 0.00	34.61 1.16 0.00	41.53 1.37 0.00	32.98 1.01 0.00	30.24 0.93 0.00	23.64 0.83 0.00	23.11 0.95 0.00	24.28 1.12 0.00	29.57 1.35 0.00	33.59 1.42 0.00	32.05 1.30 0.00	34.60 1.41 0.00	44.70 1.70 0.00	46.98 1.86 0.00	51.62 2.01 0.00	41.39 1.47 0.00	41.01 1.27 0.00	33.93 1.03 0.00	27.98 0.84 0.00
N.QUEENS_27_KV_LOAD 356247	22.70 1.11 0.00	22.25 1.04 0.00	21.61 1.00 0.00	20.88 1.00 0.00	21.00 1.02 0.00	27.22 1.12 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.48 1.50 0.00	30.72 1.41 0.00	24.07 1.25 0.00	23.50 1.33 0.00	24.66 1.49 0.00	29.99 1.76 0.00	34.04 1.87 0.00	32.45 1.70 0.00	34.94 1.74 0.00	45.08 2.09 0.01	47.41 2.29 0.00	52.16 2.55 0.00	41.88 1.96 0.00	41.58 1.84 0.00	34.36 1.47 0.00	28.32 1.17 0.00
N.TROY___115KV_TB1 355778	22.23 0.64 0.00	21.87 0.65 0.00	21.24 0.63 0.00	20.57 0.68 0.00	20.70 0.72 0.00	26.86 0.77 0.00	34.33 0.88 0.00	41.34 1.18 0.00	32.67 0.70 0.00	29.75 0.44 0.00	23.17 0.35 0.00	22.49 0.33 0.00	23.53 0.36 0.00	28.62 0.39 0.00	32.60 0.44 0.00	31.33 0.59 0.00	33.89 0.70 0.00	44.04 1.05 0.00	46.55 1.43 0.00	51.24 1.63 0.00	41.26 1.34 0.00	40.85 1.10 0.00	33.75 0.86 0.00	27.87 0.73 0.00
NARROWS_GT1_1 24228	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT1_2 24229	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT1_3 24230	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT1_4 24231	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00

NARROWS_GT1_5 24232	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT1_6 24233	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT1_7 24234	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT1_8 24235	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_1 24236	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_2 24237	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_3 24238	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_4 24239	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_5 24240	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_6 24241	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_7 24242	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NARROWS_GT2_8 24243	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.23 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.27 0.68 0.00	21.90 0.68 0.00	21.28 0.67 0.00	20.57 0.68 0.00	20.71 0.73 0.00	26.92 0.83 0.00	34.57 1.12 0.00	41.69 1.53 0.00	32.95 0.97 0.00	29.98 0.67 0.00	23.23 0.42 0.00	22.49 0.32 0.00	23.32 0.15 0.00	28.37 0.15 0.00	32.31 0.15 0.00	31.11 0.37 0.00	33.97 0.77 0.00	44.42 1.42 0.00	47.18 2.06 0.00	51.99 2.38 0.00	41.77 1.85 0.00	41.29 1.55 0.00	34.01 1.12 0.00	27.99 0.85 0.00
NCHELSEA_115KV_TR2 355582	22.49 0.90 0.00	22.11 0.89 0.00	21.45 0.84 0.00	20.76 0.87 0.00	20.87 0.89 0.00	27.21 1.11 0.00	34.91 1.47 0.00	41.98 1.82 0.00	33.35 1.38 0.00	30.55 1.24 0.00	23.86 1.04 0.00	23.26 1.10 0.00	24.41 1.25 0.00	29.74 1.52 0.00	33.84 1.68 0.00	32.35 1.60 0.00	34.94 1.75 0.00	45.17 2.18 0.00	47.52 2.39 0.00	52.23 2.62 0.00	41.91 1.99 0.00	41.52 1.78 0.00	34.29 1.40 0.00	28.28 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	22.56 0.98 0.00	22.17 0.95 0.00	21.54 0.93 0.00	20.84 0.95 0.00	20.98 1.01 0.00	27.29 1.19 0.00	34.94 1.49 0.00	42.06 1.89 0.00	33.26 1.28 0.00	30.30 0.99 0.00	23.59 0.77 0.00	22.85 0.69 0.00	23.89 0.73 0.00	29.07 0.85 0.00	33.17 1.01 0.00	31.93 1.18 0.00	34.60 1.41 0.00	45.06 2.07 0.00	47.64 2.51 0.00	52.42 2.81 0.00	42.13 2.21 0.00	41.69 1.95 0.00	34.39 1.50 0.00	28.36 1.21 0.00



NEG CENTRAL_HIGH_ACRES 23767	21.85 0.26 0.00	21.40 0.18 0.00	20.76 0.15 0.00	19.95 0.06 0.00	20.04 0.06 0.00	26.57 0.47 0.00	34.02 0.57 0.00	40.57 0.41 0.00	32.50 0.53 0.00	30.02 0.71 0.00	23.37 0.55 0.00	22.66 0.50 0.00	23.66 0.50 0.00	28.88 0.66 0.00	32.98 0.82 0.00	31.41 0.67 0.00	33.74 0.54 0.00	43.77 0.77 0.00	45.94 0.82 0.00	50.49 0.88 0.00	40.62 0.70 0.00	40.43 0.69 0.00	33.50 0.61 0.00	27.73 0.58 0.00
NEG CENTRAL____DRP 24199	21.82 0.24 0.00	21.36 0.14 0.00	20.71 0.10 0.00	19.96 0.07 0.00	20.07 0.09 0.00	26.53 0.43 0.00	34.03 0.58 0.00	40.77 0.61 0.00	32.65 0.67 0.00	30.13 0.82 0.00	23.38 0.57 0.00	22.68 0.51 0.00	23.66 0.50 0.00	28.88 0.66 0.00	32.94 0.77 0.00	31.46 0.66 -0.06	33.88 0.68 0.00	45.12 1.00 -1.13	47.52 1.08 -1.33	52.61 1.18 -1.82	40.81 0.88 0.00	40.57 0.80 -0.03	33.61 0.72 0.00	27.75 0.61 0.00
NEG CENTRAL____INDECK 23768	22.48 0.89 0.00	21.98 0.76 0.00	21.29 0.68 0.00	20.47 0.58 0.00	20.56 0.57 0.00	27.44 1.34 0.00	35.21 1.76 0.00	41.99 1.83 0.00	33.43 1.45 0.00	31.10 1.79 0.00	24.19 1.38 0.00	23.54 1.38 0.00	24.56 1.40 0.00	30.07 1.85 0.00	34.22 2.06 0.00	32.10 1.36 0.00	34.49 1.29 0.00	45.06 2.07 0.00	47.61 2.48 0.00	52.48 2.87 0.00	42.19 2.27 0.00	42.01 2.27 0.00	34.77 1.87 0.00	28.73 1.59 0.00
NEG CENTRAL____SENECA 23627	22.00 0.41 0.00	21.53 0.31 0.00	20.86 0.25 0.00	20.10 0.21 0.00	20.21 0.23 0.00	26.81 0.71 0.00	34.35 0.90 0.00	41.15 0.99 0.00	32.98 1.00 0.00	30.47 1.17 0.00	23.64 0.83 0.00	22.95 0.79 0.00	23.90 0.74 0.00	29.19 0.96 0.00	33.27 1.10 0.00	31.72 0.94 -0.03	34.17 0.97 0.00	45.02 1.42 -0.61	47.40 1.57 -0.71	52.26 1.68 -0.97	41.20 1.27 0.00	40.95 1.20 -0.02	33.96 1.07 0.00	28.05 0.91 0.00
NEG CENTRAL____STATE_STREET 24147	21.74 0.15 0.00	21.24 0.02 0.00	20.60 -0.01 0.00	19.87 -0.02 0.00	19.97 -0.01 0.00	26.29 0.20 0.00	33.73 0.28 0.00	40.42 0.26 0.00	32.42 0.44 0.00	29.82 0.51 0.00	23.19 0.37 0.00	22.39 0.23 0.00	23.47 0.31 0.00	28.67 0.45 0.00	32.69 0.53 0.00	31.28 0.45 -0.08	33.68 0.48 0.00	45.30 0.73 -1.58	47.58 0.60 -1.85	52.99 0.85 -2.53	40.58 0.65 0.00	40.26 0.48 -0.04	33.37 0.48 0.00	27.54 0.40 0.00
NEG MILLWOOD____DRP 24198	22.53 0.95 0.00	22.16 0.94 0.00	21.49 0.88 0.00	20.80 0.91 0.00	20.92 0.94 0.00	27.26 1.16 0.00	34.99 1.54 0.00	42.08 1.92 0.00	33.45 1.47 0.00	30.65 1.34 0.00	23.96 1.14 0.00	23.37 1.21 0.00	24.51 1.34 0.00	29.84 1.62 0.00	33.95 1.78 0.00	32.46 1.71 0.00	35.03 1.83 0.00	45.26 2.27 0.00	47.61 2.49 0.00	52.34 2.74 0.00	41.99 2.06 0.00	41.59 1.85 0.00	34.36 1.47 0.00	28.33 1.19 0.00
NEG NORTH_FLCN_SEA 23793	22.56 0.97 0.00	22.10 0.88 0.00	21.37 0.76 0.00	20.56 0.67 0.00	20.65 0.67 0.00	26.63 0.53 0.00	33.94 0.49 0.00	41.07 0.91 0.00	32.75 0.77 0.00	29.91 0.60 0.00	23.32 0.50 0.00	22.50 0.33 0.00	23.56 0.40 0.00	28.54 0.32 0.00	32.60 0.44 0.00	31.45 0.71 0.00	34.00 0.80 0.00	44.16 1.17 0.00	45.55 0.42 0.00	49.59 -0.02 0.00	40.13 0.20 0.00	40.00 0.25 0.00	33.21 0.33 0.00	27.35 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	22.71 1.12 0.00	22.25 1.03 0.00	21.51 0.90 0.00	20.69 0.80 0.00	20.79 0.81 0.00	26.82 0.73 0.00	34.22 0.78 0.00	41.46 1.30 0.00	33.05 1.07 0.00	30.15 0.84 0.00	23.48 0.67 0.00	22.41 0.24 0.00	23.21 0.05 0.00	28.20 -0.02 0.00	32.20 0.04 0.00	30.92 0.17 0.00	33.40 0.20 0.00	43.37 0.38 0.00	45.08 -0.04 0.00	49.40 -0.21 0.00	39.80 -0.13 0.00	39.79 0.05 0.00	32.94 0.05 0.00	27.15 0.01 0.00
NEG NORTH____ALICE_FALLS 23915	22.71 1.12 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.68 0.79 0.00	20.77 0.79 0.00	26.81 0.71 0.00	34.22 0.77 0.00	41.44 1.28 0.00	33.03 1.05 0.00	30.12 0.81 0.00	23.47 0.65 0.00	22.52 0.36 0.00	23.59 0.43 0.00	28.59 0.37 0.00	32.66 0.50 0.00	31.48 0.73 0.00	34.03 0.84 0.00	44.27 1.28 0.00	45.85 0.73 0.00	49.99 0.38 0.00	40.35 0.42 0.00	40.20 0.46 0.00	33.35 0.46 0.00	27.45 0.30 0.00
NEG NORTH____LWR_SARANAC 23913	22.71 1.12 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.68 0.79 0.00	20.77 0.79 0.00	26.81 0.71 0.00	34.22 0.77 0.00	41.44 1.28 0.00	33.03 1.05 0.00	30.12 0.81 0.00	23.47 0.65 0.00	22.52 0.36 0.00	23.59 0.43 0.00	28.59 0.37 0.00	32.66 0.50 0.00	31.48 0.73 0.00	34.03 0.84 0.00	44.27 1.28 0.00	45.85 0.73 0.00	49.99 0.38 0.00	40.35 0.42 0.00	40.20 0.46 0.00	33.35 0.46 0.00	27.45 0.30 0.00
NEG NORTH____PLATTSBURG 23628	22.71 1.12 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.68 0.79 0.00	20.77 0.79 0.00	26.81 0.71 0.00	34.22 0.77 0.00	41.44 1.28 0.00	33.03 1.05 0.00	30.12 0.81 0.00	23.47 0.65 0.00	22.52 0.36 0.00	23.59 0.43 0.00	28.60 0.37 0.00	32.66 0.50 0.00	31.48 0.74 0.00	34.03 0.84 0.00	44.27 1.28 0.00	45.85 0.72 0.00	49.99 0.38 0.00	40.35 0.42 0.00	40.20 0.46 0.00	33.35 0.46 0.00	27.45 0.30 0.00
NEG WEST_LEA_LOCKPORT 23791	21.70 0.12 0.00	21.23 0.01 0.00	20.61 0.00 0.00	19.71 -0.17 0.00	19.79 -0.20 0.00	26.50 0.41 0.00	33.65 0.20 0.00	39.55 -0.61 0.00	31.86 -0.11 0.00	29.59 0.28 0.00	23.09 0.28 0.00	22.35 0.18 0.00	23.29 0.13 0.00	28.50 0.27 0.00	32.55 0.38 0.00	30.84 0.09 0.00	32.80 -0.39 0.00	42.39 -0.60 0.00	44.40 -0.72 0.00	48.76 -0.85 0.00	39.38 -0.55 0.00	39.52 -0.22 0.00	32.99 0.10 0.00	27.56 0.41 0.00
NEG WEST____LANCASTR 23811	21.93 0.34 0.00	21.45 0.23 0.00	20.79 0.18 0.00	19.95 0.06 0.00	20.02 0.04 0.00	26.84 0.74 0.00	34.15 0.70 0.00	40.38 0.22 0.00	32.52 0.55 0.00	30.24 0.93 0.00	23.52 0.71 0.00	22.86 0.69 0.00	23.85 0.68 0.00	29.17 0.95 0.00	33.26 1.09 0.00	31.50 0.75 0.00	33.69 0.49 0.00	43.60 0.60 0.00	45.62 0.49 0.00	50.04 0.43 0.00	40.37 0.45 0.00	40.48 0.73 0.00	33.69 0.80 0.00	28.01 0.87 0.00
NEG_PENN_ALLEGHNY 23528	21.73 0.14 0.00	21.33 0.11 0.00	20.68 0.07 0.00	19.97 0.08 0.00	20.06 0.07 0.00	26.46 0.36 0.00	33.89 0.44 0.00	40.67 0.51 0.00	32.44 0.46 0.00	29.94 0.64 0.00	23.26 0.45 0.00	22.67 0.50 0.00	23.70 0.54 0.00	28.92 0.70 0.00	32.90 0.73 0.00	31.38 0.59 -0.04	33.83 0.63 0.00	44.50 0.83 -0.68	46.83 0.92 -0.79	51.63 0.93 -1.09	40.67 0.75 0.00	40.56 0.80 -0.02	33.55 0.66 0.00	27.69 0.54 0.00
NEG____GEN_MONROE 24207	22.14 0.55 0.00	21.65 0.43 0.00	20.98 0.37 0.00	20.13 0.24 0.00	20.22 0.24 0.00	26.92 0.82 0.00	34.41 0.96 0.00	40.90 0.74 0.00	32.83 0.86 0.00	30.34 1.03 0.00	23.61 0.80 0.00	22.87 0.70 0.00	23.83 0.67 0.00	29.08 0.86 0.00	33.20 1.04 0.00	31.59 0.84 0.00	33.87 0.67 0.00	43.98 0.99 0.00	46.20 1.08 0.00	50.81 1.21 0.00	40.90 0.98 0.00	40.77 1.02 0.00	33.82 0.93 0.00	28.04 0.89 0.00

NEPA___ENERGY 23901	21.75 0.17 0.00	21.27 0.05 0.00	20.57 -0.04 0.00	19.82 -0.07 0.00	19.88 -0.10 0.00	26.76 0.66 0.00	33.95 0.51 0.00	39.99 -0.17 0.00	32.23 0.26 0.00	30.25 0.95 0.00	23.46 0.65 0.00	22.99 0.83 0.00	24.05 0.88 0.00	29.41 1.19 0.00	33.38 1.22 0.00	31.57 0.82 0.00	33.89 0.69 0.00	43.76 0.76 0.00	45.81 0.69 0.00	50.18 0.57 0.00	40.48 0.56 0.00	40.69 0.95 0.00	33.87 0.98 0.00	28.06 0.92 0.00
NEVERSink___HYD 23608	22.05 0.46 0.00	21.67 0.46 0.00	21.02 0.41 0.00	20.34 0.45 0.00	20.43 0.45 0.00	26.69 0.59 0.00	34.29 0.84 0.00	41.31 1.15 0.00	33.38 1.41 0.00	30.58 1.27 0.00	23.82 1.01 0.00	23.17 1.01 0.00	24.32 1.16 0.00	29.67 1.45 0.00	33.73 1.57 0.00	32.21 1.46 0.00	34.87 1.68 0.00	45.16 2.17 0.00	47.50 2.38 0.00	52.24 2.63 0.00	41.93 2.01 0.00	41.55 1.80 0.00	34.32 1.44 0.00	28.29 1.14 0.00
NEWKRMKL_115KV_TB1 55635	21.82 0.23 0.00	21.47 0.25 0.00	20.87 0.26 0.00	20.19 0.30 0.00	20.31 0.33 0.00	26.36 0.27 0.00	33.76 0.31 0.00	40.63 0.47 0.00	32.18 0.20 0.00	29.38 0.07 0.00	22.90 0.09 0.00	22.25 0.09 0.00	23.26 0.09 0.00	28.32 0.10 0.00	32.26 0.09 0.00	30.97 0.22 0.00	33.50 0.31 0.00	43.47 0.47 0.00	45.85 0.73 0.00	50.44 0.83 0.00	40.58 0.65 0.00	40.19 0.45 0.00	33.19 0.30 0.00	27.38 0.24 0.00
NEWTON___FALLS_HYD 23847	22.07 0.49 0.00	21.66 0.44 0.00	21.05 0.43 0.00	20.25 0.36 0.00	20.35 0.37 0.00	26.65 0.55 0.00	34.35 0.90 0.00	41.16 1.00 0.00	32.50 0.53 0.00	29.50 0.19 0.00	22.78 -0.03 0.00	21.97 -0.19 0.00	22.74 -0.42 0.00	27.64 -0.58 0.00	31.64 -0.53 0.00	30.26 -0.52 -0.03	32.72 -0.48 0.00	43.20 -0.39 -0.59	45.72 -0.09 -0.70	50.77 0.21 -0.95	40.63 0.70 0.00	40.58 0.83 -0.02	33.46 0.57 0.00	27.60 0.45 0.00
NGRID_A1_DSASP 323792	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.12 0.00	28.18 -0.05 0.00	32.21 0.05 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.74 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
NGRID_A2_DSASP 323793	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.12 0.00	28.18 -0.05 0.00	32.21 0.05 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.74 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
NGRID_A4_DSASP 323807	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.12 0.00	28.18 -0.05 0.00	32.21 0.05 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.74 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
NIAGARA_115E_LBMP 323715	21.41 -0.17 0.00	20.95 -0.27 0.00	20.36 -0.25 0.00	19.46 -0.43 0.00	19.52 -0.46 0.00	26.14 0.05 0.00	33.15 -0.30 0.00	38.83 -1.33 0.00	31.27 -0.70 0.00	29.05 -0.26 0.00	22.67 -0.14 0.00	21.94 -0.22 0.00	22.86 -0.30 0.00	27.96 -0.26 0.00	31.94 -0.23 0.00	30.28 -0.46 0.00	32.16 -1.03 0.00	41.49 -1.50 0.00	43.44 -1.69 0.00	47.67 -1.93 0.00	38.56 -1.36 0.00	38.74 -1.00 0.00	32.44 -0.45 0.00	27.15 0.00 0.00
NIAGARA_115W_LBMP 323714	21.44 -0.15 0.00	20.97 -0.25 0.00	20.37 -0.24 0.00	19.48 -0.41 0.00	19.54 -0.44 0.00	26.16 0.06 0.00	33.16 -0.30 0.00	38.97 -1.19 0.00	31.45 -0.53 0.00	29.19 -0.12 0.00	22.79 -0.03 0.00	22.05 -0.11 0.00	23.00 -0.17 0.00	28.13 -0.09 0.00	32.16 -0.01 0.00	30.47 -0.28 0.00	32.23 -0.97 0.00	41.49 -1.51 0.00	43.39 -1.73 0.00	47.61 -2.00 0.00	38.50 -1.43 0.00	38.65 -1.09 0.00	32.29 -0.60 0.00	26.98 -0.16 0.00
NIAGARA_230_LBMP 323716	21.47 -0.12 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.52 -0.37 0.00	19.59 -0.39 0.00	26.21 0.11 0.00	33.24 -0.21 0.00	39.10 -1.06 0.00	31.51 -0.46 0.00	29.24 -0.07 0.00	22.82 0.00 0.00	22.10 -0.07 0.00	23.04 -0.12 0.00	28.18 -0.04 0.00	32.21 0.05 0.00	30.51 -0.24 0.00	32.44 -0.75 0.00	41.90 -1.09 0.00	43.85 -1.28 0.00	48.12 -1.49 0.00	38.89 -1.03 0.00	39.02 -0.72 0.00	32.58 -0.31 0.00	27.21 0.06 0.00
NIAGARA___115KV_198_GIBSON 55903	21.43 -0.15 0.00	20.97 -0.25 0.00	20.37 -0.24 0.00	19.48 -0.41 0.00	19.54 -0.44 0.00	26.16 0.06 0.00	33.15 -0.30 0.00	38.98 -1.18 0.00	31.45 -0.52 0.00	29.19 -0.12 0.00	22.78 -0.03 0.00	22.05 -0.11 0.00	23.00 -0.17 0.00	28.13 -0.09 0.00	32.16 -0.01 0.00	30.47 -0.28 0.00	32.23 -0.97 0.00	41.49 -1.51 0.00	43.39 -1.73 0.00	47.62 -1.99 0.00	38.49 -1.43 0.00	38.66 -1.08 0.00	32.29 -0.60 0.00	26.98 -0.16 0.00
NIAGARA___ 23760	21.47 -0.12 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.52 -0.37 0.00	19.59 -0.39 0.00	26.21 0.11 0.00	33.24 -0.21 0.00	39.10 -1.06 0.00	31.51 -0.46 0.00	29.24 -0.07 0.00	22.82 0.00 0.00	22.10 -0.07 0.00	23.04 -0.12 0.00	28.18 -0.04 0.00	32.21 0.05 0.00	30.51 -0.24 0.00	32.44 -0.75 0.00	41.90 -1.09 0.00	43.85 -1.28 0.00	48.12 -1.49 0.00	38.89 -1.03 0.00	39.02 -0.72 0.00	32.58 -0.31 0.00	27.21 0.06 0.00
NINE_MILE_1 23575	20.95 -0.64 0.00	20.57 -0.65 0.00	19.98 -0.64 0.00	19.27 -0.62 0.00	19.37 -0.62 0.00	25.38 -0.72 0.00	32.53 -0.92 0.00	39.02 -1.14 0.00	31.10 -0.88 0.00	28.59 -0.72 0.00	22.21 -0.60 0.00	21.57 -0.59 0.00	22.54 -0.63 0.00	27.49 -0.73 0.00	31.33 -0.83 0.00	29.41 -0.82 0.52	32.30 -0.90 0.00	32.06 -1.15 9.79	32.50 -1.17 11.45	32.63 -1.29 15.69	38.90 -1.03 0.00	38.45 -1.04 0.25	32.05 -0.84 0.00	26.44 -0.71 0.00
NINE_MILE_2 23744	20.95 -0.64 0.00	20.57 -0.65 0.00	19.98 -0.64 0.00	19.27 -0.61 0.00	19.37 -0.62 0.00	25.38 -0.72 0.00	32.53 -0.92 0.00	39.02 -1.14 0.00	31.10 -0.88 0.00	28.59 -0.72 0.00	22.21 -0.60 0.00	21.57 -0.59 0.00	22.54 -0.63 0.00	27.49 -0.73 0.00	31.33 -0.83 0.00	29.40 -0.82 0.53	32.30 -0.90 0.00	31.91 -1.15 9.93	32.33 -1.17 11.62	32.39 -1.29 15.93	38.90 -1.03 0.00	38.45 -1.04 0.26	32.05 -0.84 0.00	26.44 -0.71 0.00
NM_CAPITAL___DRP 24208	21.88 0.29 0.00	21.53 0.31 0.00	20.93 0.32 0.00	20.25 0.36 0.00	20.38 0.39 0.00	26.44 0.34 0.00	33.84 0.39 0.00	40.72 0.56 0.00	32.23 0.26 0.00	29.41 0.10 0.00	22.93 0.12 0.00	22.29 0.12 0.00	23.30 0.13 0.00	28.37 0.14 0.00	32.29 0.13 0.00	31.01 0.26 0.00	33.53 0.34 0.00	43.50 0.51 0.00	45.92 0.79 0.00	50.51 0.90 0.00	40.65 0.72 0.00	40.26 0.52 0.00	33.26 0.37 0.00	27.45 0.30 0.00

NM_CENTRAL___DRP 24181	21.39 -0.20 0.00	20.99 -0.23 0.00	20.36 -0.25 0.00	19.65 -0.24 0.00	19.75 -0.23 0.00	25.93 -0.17 0.00	33.28 -0.17 0.00	39.93 -0.23 0.00	31.87 -0.10 0.00	29.33 0.02 0.00	22.75 -0.06 0.00	22.10 -0.06 0.00	23.11 -0.06 0.00	28.20 -0.02 0.00	32.14 -0.02 0.00	30.73 -0.07 -0.05	33.11 -0.09 0.00	43.85 -0.10 -0.96	46.18 -0.07 -1.12	51.06 -0.09 -1.54	39.83 -0.10 0.00	39.63 -0.13 -0.03	32.81 -0.08 0.00	27.05 -0.10 0.00
NM_FRONTIER___DRP 24179	21.43 -0.15 0.00	20.97 -0.25 0.00	20.37 -0.24 0.00	19.48 -0.41 0.00	19.54 -0.44 0.00	26.16 0.06 0.00	33.15 -0.30 0.00	38.98 -1.18 0.00	31.45 -0.52 0.00	29.19 -0.12 0.00	22.78 -0.03 0.00	22.05 -0.11 0.00	23.00 -0.17 0.00	28.13 -0.09 0.00	32.16 -0.01 0.00	30.47 -0.28 0.00	32.23 -0.97 0.00	41.49 -1.51 0.00	43.39 -1.73 0.00	47.62 -1.99 0.00	38.49 -1.43 0.00	38.66 -1.08 0.00	32.29 -0.60 0.00	26.98 -0.16 0.00
NM_ST_REGIS___HYD 24053	22.04 0.45 0.00	21.62 0.40 0.00	21.00 0.39 0.00	20.18 0.29 0.00	20.25 0.27 0.00	26.43 0.33 0.00	33.94 0.49 0.00	40.67 0.51 0.00	32.19 0.22 0.00	29.28 -0.03 0.00	22.76 -0.05 0.00	22.00 -0.16 0.00	22.86 -0.30 0.00	27.72 -0.50 0.00	31.71 -0.45 0.00	30.40 -0.36 -0.02	32.73 -0.46 0.00	42.80 -0.47 -0.28	44.92 -0.53 -0.33	49.56 -0.51 -0.46	39.76 -0.17 0.00	39.90 0.15 -0.01	33.13 0.24 0.00	27.40 0.26 0.00
NORTHPORT___1 23551	22.51 0.92 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.82 0.94 0.00	20.97 0.99 0.00	27.39 1.30 0.00	35.06 1.61 0.00	41.69 1.53 0.00	33.20 1.22 0.00	30.48 1.17 0.00	24.01 1.20 0.00	23.38 1.22 0.00	24.48 1.32 0.00	29.60 1.37 0.00	33.69 1.53 0.00	32.06 1.31 0.00	34.49 1.29 0.00	44.26 1.27 0.00	46.69 1.56 0.00	51.30 1.70 0.00	41.17 1.24 0.00	40.98 1.24 0.00	34.09 1.20 0.00	28.12 0.98 0.00
NORTHPORT___2 23552	22.51 0.92 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.82 0.94 0.00	20.97 0.99 0.00	27.39 1.30 0.00	35.06 1.61 0.00	41.69 1.53 0.00	33.20 1.22 0.00	30.48 1.17 0.00	24.01 1.20 0.00	23.38 1.22 0.00	24.48 1.32 0.00	29.60 1.37 0.00	33.69 1.53 0.00	32.06 1.31 0.00	34.49 1.29 0.00	44.26 1.27 0.00	46.69 1.56 0.00	51.30 1.70 0.00	41.17 1.24 0.00	40.98 1.24 0.00	34.09 1.20 0.00	28.12 0.98 0.00
NORTHPORT___3 23553	22.44 0.85 0.00	22.15 0.93 0.00	21.43 0.82 0.00	20.76 0.87 0.00	20.90 0.92 0.00	27.28 1.19 0.00	34.89 1.44 0.00	41.57 1.41 0.00	33.11 1.14 0.00	30.42 1.12 0.00	23.96 1.14 0.00	23.34 1.18 0.00	24.43 1.28 0.00	29.58 1.36 0.00	33.65 1.49 0.00	31.99 1.25 0.00	34.41 1.21 0.00	44.16 1.17 0.00	46.55 1.43 0.00	51.15 1.54 0.00	41.01 1.09 0.00	40.85 1.10 0.00	33.97 1.07 0.00	28.05 0.90 0.00
NORTHPORT___4 23650	22.44 0.85 0.00	22.15 0.93 0.00	21.43 0.82 0.00	20.76 0.87 0.00	20.90 0.92 0.00	27.28 1.19 0.00	34.89 1.44 0.00	41.57 1.41 0.00	33.11 1.14 0.00	30.42 1.12 0.00	23.96 1.14 0.00	23.34 1.18 0.00	24.43 1.28 0.00	29.58 1.36 0.00	33.65 1.49 0.00	31.99 1.25 0.00	34.41 1.21 0.00	44.16 1.17 0.00	46.55 1.43 0.00	51.15 1.54 0.00	41.01 1.09 0.00	40.85 1.10 0.00	33.97 1.07 0.00	28.05 0.90 0.00
NORTHPORT___IC 23718	22.50 0.91 0.00	22.24 1.02 0.00	21.50 0.89 0.00	20.82 0.94 0.00	20.97 0.99 0.00	27.39 1.30 0.00	35.06 1.61 0.00	41.69 1.53 0.00	33.20 1.22 0.00	30.48 1.17 0.00	24.01 1.20 0.00	23.38 1.22 0.00	24.48 1.31 0.00	29.60 1.37 0.00	33.69 1.53 0.00	32.06 1.31 0.00	34.49 1.30 0.00	44.26 1.27 0.00	46.69 1.56 0.00	51.30 1.70 0.00	41.17 1.24 0.00	40.98 1.24 0.00	34.09 1.20 0.00	28.12 0.98 0.00
NORTH___COUNTRY_ESR 323785	22.10 0.51 0.00	21.67 0.45 0.00	21.00 0.39 0.00	20.18 0.30 0.00	20.25 0.27 0.00	26.26 0.17 0.00	33.55 0.10 0.00	40.44 0.28 0.00	32.27 0.29 0.00	29.52 0.21 0.00	23.01 0.20 0.00	22.23 0.07 0.00	23.21 0.05 0.00	28.18 -0.04 0.00	32.19 0.03 0.00	30.91 0.17 0.00	33.37 0.18 0.00	43.30 0.30 0.00	45.02 -0.10 0.00	49.26 -0.35 0.00	39.68 -0.24 0.00	39.66 -0.08 0.00	32.86 -0.03 0.00	27.10 -0.05 0.00
NPX_GEN_1385_PROXY 323591	22.51 0.92 0.00	22.30 1.08 0.00	21.50 0.89 0.00	20.82 0.93 0.00	20.98 1.01 0.00	27.79 1.69 0.00	35.70 2.25 0.00	41.85 1.69 0.00	32.97 0.99 0.00	30.06 0.75 0.00	23.59 0.78 0.00	22.82 0.65 0.00	24.08 0.92 0.00	24.98 0.51 3.75	17.04 0.57 15.68	31.56 0.81 0.00	34.19 1.00 0.00	43.91 0.91 0.00	46.49 1.37 0.00	51.11 1.50 0.00	41.18 1.26 0.00	40.87 1.12 0.00	34.06 1.17 0.00	28.09 0.95 0.00
NPX_GEN_CSC 323557	22.11 0.52 0.00	22.07 0.85 0.00	21.34 0.73 0.00	20.68 0.79 0.00	20.89 0.90 0.00	26.84 0.74 0.00	34.28 0.83 0.00	40.75 0.59 0.00	32.39 0.42 0.00	29.71 0.40 0.00	23.50 0.69 0.00	22.84 0.68 0.00	23.80 0.64 0.00	28.78 0.56 0.00	32.87 0.71 0.00	31.26 0.52 0.00	33.79 0.59 0.00	43.57 0.57 0.00	46.32 1.20 0.00	50.58 0.97 0.00	40.71 0.79 0.00	40.40 0.65 0.00	33.37 0.48 0.00	27.64 0.50 0.00
NSINS_S___GLNS_FALLS 23858	22.80 1.21 0.00	22.40 1.18 0.00	21.72 1.11 0.00	21.03 1.15 0.00	21.21 1.23 0.00	27.64 1.54 0.00	35.30 1.85 0.00	42.56 2.40 0.00	33.62 1.65 0.00	30.62 1.31 0.00	23.80 0.99 0.00	23.02 0.86 0.00	24.11 0.95 0.00	29.25 1.03 0.00	33.39 1.23 0.00	32.28 1.53 0.00	35.15 1.96 0.00	45.82 2.83 0.00	48.42 3.29 0.00	53.32 3.72 0.00	42.85 2.93 0.00	42.28 2.53 0.00	34.83 1.94 0.00	28.72 1.58 0.00
NUCOR_STEEL___DRP 24197	21.71 0.12 0.00	21.20 -0.02 0.00	20.56 -0.05 0.00	19.84 -0.05 0.00	19.95 -0.03 0.00	26.24 0.14 0.00	33.66 0.21 0.00	40.33 0.17 0.00	32.35 0.38 0.00	29.76 0.45 0.00	23.14 0.33 0.00	22.34 0.18 0.00	23.42 0.26 0.00	28.63 0.40 0.00	32.65 0.49 0.00	31.24 0.41 -0.09	33.61 0.42 0.00	45.32 0.65 -1.67	47.57 0.49 -1.96	53.04 0.75 -2.68	40.51 0.58 0.00	40.19 0.40 -0.04	33.31 0.41 0.00	27.50 0.35 0.00
NUMBER_THREE_WT_PWR 323818	22.20 0.61 0.00	21.79 0.57 0.00	21.17 0.55 0.00	20.39 0.50 0.00	20.51 0.53 0.00	26.91 0.81 0.00	34.75 1.30 0.00	41.71 1.55 0.00	32.95 0.97 0.00	29.92 0.61 0.00	23.03 0.22 0.00	22.22 0.05 0.00	22.98 -0.18 0.00	28.01 -0.21 0.00	32.06 -0.10 0.00	30.64 -0.15 -0.04	33.25 0.05 0.00	44.03 0.33 -0.70	46.75 0.81 -0.82	52.07 1.34 -1.12	41.54 1.61 0.00	41.26 1.50 -0.02	33.78 0.89 0.00	27.75 0.61 0.00
NYISO_LBMP_REFERENCE 24008	21.59 0.00 0.00	21.22 0.00 0.00	20.61 0.00 0.00	19.89 0.00 0.00	19.98 0.00 0.00	26.10 0.00 0.00	33.45 0.00 0.00	40.16 0.00 0.00	31.97 0.00 0.00	29.31 0.00 0.00	22.82 0.00 0.00	22.16 0.00 0.00	23.16 0.00 0.00	28.22 0.00 0.00	32.16 0.00 0.00	30.75 0.00 0.00	33.20 0.00 0.00	43.00 0.00 0.00	45.12 0.00 0.00	49.61 0.00 0.00	39.92 0.00 0.00	39.74 0.00 0.00	32.89 0.00 0.00	27.15 0.00 0.00

NYPA_BRENTWD____GT 24164	22.71 1.12 0.00	22.43 1.22 0.00	21.69 1.08 0.00	21.01 1.12 0.00	21.16 1.18 0.00	27.61 1.52 0.00	35.42 1.97 0.00	42.18 2.02 0.00	33.59 1.61 0.00	30.84 1.53 0.00	24.31 1.49 0.00	23.66 1.50 0.00	24.74 1.57 0.00	29.92 1.70 0.00	34.12 1.96 0.00	32.51 1.76 0.00	35.02 1.82 0.00	44.85 1.85 0.00	47.32 2.20 0.00	52.15 2.54 0.00	41.82 1.90 0.00	41.57 1.83 0.00	34.50 1.61 0.00	28.44 1.30 0.00
NYPA_GOWANUS____GT5 24156	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.22 2.23 0.00	47.51 2.39 0.00	52.26 2.65 0.00	41.95 2.02 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NYPA_GOWANUS____GT6 24157	22.65 1.06 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.22 2.23 0.00	47.51 2.39 0.00	52.26 2.65 0.00	41.95 2.02 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00
NYPA_HARLEM__RVR__GT1 24160	22.65 1.07 0.00	22.22 1.00 0.00	21.59 0.98 0.00	20.87 0.98 0.00	20.98 1.01 0.00	27.20 1.10 0.00	34.98 1.53 0.00	42.01 1.85 0.00	33.42 1.45 0.00	30.65 1.35 0.00	24.02 1.21 0.00	23.45 1.30 0.01	24.61 1.45 0.00	29.93 1.71 0.00	33.98 1.82 0.00	32.39 1.65 0.01	34.89 1.70 0.00	44.97 1.98 0.01	47.28 2.16 0.00	52.03 2.43 0.00	41.77 1.85 0.00	41.50 1.76 0.00	34.31 1.42 0.00	28.28 1.14 0.00
NYPA_HARLEM__RVR__GT2 24161	22.65 1.07 0.00	22.22 1.00 0.00	21.59 0.98 0.00	20.87 0.98 0.00	20.98 1.01 0.00	27.20 1.10 0.00	34.98 1.53 0.00	42.01 1.85 0.00	33.42 1.45 0.00	30.65 1.35 0.00	24.02 1.21 0.00	23.45 1.30 0.01	24.61 1.45 0.00	29.93 1.71 0.00	33.98 1.82 0.00	32.39 1.65 0.01	34.89 1.70 0.00	44.97 1.98 0.01	47.28 2.16 0.00	52.03 2.43 0.00	41.77 1.85 0.00	41.50 1.76 0.00	34.31 1.42 0.00	28.28 1.14 0.00
NYPA_KENT____GT 24152	22.64 1.05 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.90 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.55 1.58 0.00	30.82 1.51 0.00	24.13 1.32 0.00	23.59 1.43 0.00	24.75 1.59 0.00	30.11 1.88 0.00	34.19 2.03 0.00	32.61 1.86 0.00	35.16 1.96 0.00	45.21 2.21 0.00	47.49 2.36 0.00	52.21 2.61 0.00	41.91 1.98 0.00	41.61 1.87 0.00	34.45 1.56 0.00	28.42 1.28 0.00
NYPA_POUCH1____GT 24155	22.65 1.06 0.00	22.23 1.01 0.00	21.55 0.94 0.00	20.86 0.97 0.00	20.97 0.99 0.00	27.30 1.20 0.00	34.98 1.53 0.00	41.92 1.76 0.00	33.46 1.48 0.00	30.75 1.45 0.00	24.08 1.26 0.00	23.51 1.34 0.00	24.66 1.50 0.00	30.00 1.78 0.00	34.04 1.88 0.00	32.48 1.73 0.00	34.42 1.84 0.62	43.94 2.03 1.08	47.13 2.22 0.21	52.10 2.49 0.00	41.77 1.85 0.01	41.43 1.69 0.00	34.40 1.51 0.00	28.45 1.31 0.00
NYPA_VERNON____GT2 24162	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.54 1.56 0.00	30.81 1.50 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
NYPA_VERNON____GT3 24163	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.54 1.56 0.00	30.81 1.50 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
NYPA__ASTORIA_CC1 323568	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.50 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.56 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.28 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
NYPA__ASTORIA_CC2 323569	22.61 1.02 0.00	22.23 1.01 0.00	21.60 0.99 0.00	20.90 1.01 0.00	21.00 1.02 0.00	27.30 1.20 0.00	35.04 1.59 0.00	42.08 1.92 0.00	33.50 1.52 0.00	30.76 1.45 0.00	24.09 1.28 0.00	23.56 1.39 0.00	24.71 1.54 0.00	30.05 1.83 0.00	34.13 1.97 0.00	32.55 1.80 0.00	35.07 1.87 0.00	45.12 2.13 0.00	47.41 2.28 0.00	52.12 2.51 0.00	41.84 1.92 0.00	41.53 1.79 0.00	34.38 1.49 0.00	28.36 1.22 0.00
NYPA__HOLTSVILL 23794	22.55 0.96 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.89 1.01 0.00	21.05 1.07 0.00	27.40 1.30 0.00	35.10 1.66 0.00	41.80 1.64 0.00	33.27 1.30 0.00	30.55 1.24 0.00	24.09 1.27 0.00	23.45 1.28 0.00	24.51 1.35 0.00	29.65 1.43 0.00	33.81 1.64 0.00	32.17 1.43 0.00	34.67 1.48 0.00	44.55 1.55 0.00	47.04 1.92 0.00	51.64 2.03 0.00	41.44 1.52 0.00	41.22 1.48 0.00	34.20 1.31 0.00	28.21 1.07 0.00
NYPA__HELLGATE_GT1 24158	22.65 1.07 0.00	22.22 1.00 0.00	21.59 0.98 0.00	20.87 0.98 0.00	20.98 1.01 0.00	27.20 1.10 0.00	34.98 1.53 0.00	42.01 1.85 0.00	33.42 1.45 0.00	30.65 1.35 0.00	24.02 1.21 0.00	23.45 1.30 0.01	24.61 1.45 0.00	29.93 1.71 0.00	33.98 1.82 0.00	32.39 1.65 0.01	34.89 1.70 0.00	45.05 2.05 0.00	47.36 2.24 0.00	52.11 2.51 0.00	41.85 1.92 0.00	41.53 1.78 0.00	34.31 1.42 0.00	28.28 1.14 0.00
NYPA__HELLGATE_GT2 24159	22.65 1.07 0.00	22.22 1.00 0.00	21.59 0.98 0.00	20.87 0.98 0.00	20.98 1.01 0.00	27.20 1.10 0.00	34.98 1.53 0.00	42.01 1.85 0.00	33.42 1.45 0.00	30.65 1.35 0.00	24.02 1.21 0.00	23.45 1.30 0.01	24.61 1.45 0.00	29.93 1.71 0.00	33.98 1.82 0.00	32.39 1.65 0.01	34.89 1.70 0.00	45.05 2.05 0.00	47.36 2.24 0.00	52.11 2.51 0.00	41.85 1.92 0.00	41.53 1.78 0.00	34.31 1.42 0.00	28.28 1.14 0.00
NYS_BARGE__HYD 23848	21.73 0.14 0.00	21.25 0.04 0.00	20.63 0.02 0.00	19.73 -0.15 0.00	19.80 -0.18 0.00	26.53 0.43 0.00	33.69 0.24 0.00	39.58 -0.58 0.00	31.89 -0.09 0.00	29.62 0.31 0.00	23.10 0.29 0.00	22.36 0.20 0.00	23.31 0.15 0.00	28.50 0.28 0.00	32.55 0.39 0.00	30.86 0.12 0.00	32.82 -0.38 0.00	42.41 -0.59 0.00	44.43 -0.69 0.00	48.80 -0.81 0.00	39.42 -0.51 0.00	39.54 -0.20 0.00	33.03 0.14 0.00	27.58 0.44 0.00

OAK ORCHARD___HYD 24046	21.95 0.36 0.00	21.49 0.27 0.00	20.85 0.24 0.00	20.01 0.12 0.00	20.10 0.12 0.00	26.71 0.61 0.00	34.14 0.69 0.00	40.60 0.44 0.00	32.57 0.60 0.00	30.10 0.80 0.00	23.43 0.61 0.00	22.71 0.54 0.00	23.69 0.52 0.00	28.93 0.71 0.00	33.07 0.90 0.00	31.46 0.72 0.00	33.74 0.54 0.00	43.78 0.79 0.00	45.91 0.78 0.00	50.44 0.83 0.00	40.61 0.69 0.00	40.47 0.73 0.00	33.58 0.69 0.00	27.82 0.68 0.00
OAKDALE___35_KV_LOAD 356122	21.66 0.08 0.00	21.27 0.05 0.00	20.62 0.01 0.00	19.91 0.02 0.00	19.99 0.01 0.00	26.37 0.27 0.00	33.76 0.32 0.00	40.51 0.35 0.00	32.32 0.34 0.00	29.83 0.52 0.00	23.17 0.36 0.00	22.58 0.41 0.00	23.61 0.45 0.00	28.81 0.59 0.00	32.76 0.60 0.00	31.24 0.46 -0.04	33.69 0.49 0.00	44.29 0.64 -0.66	46.60 0.71 -0.77	51.38 0.72 -1.06	40.49 0.57 0.00	40.39 0.63 -0.02	33.43 0.53 0.00	27.58 0.44 0.00
OCC_CHEM___DRP 24175	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.13 0.00	28.18 -0.05 0.00	32.21 0.04 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.75 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
OH_GEN_PROXY 24063	21.47 -0.12 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.53 -0.36 0.00	19.59 -0.39 0.00	26.21 0.11 0.00	33.26 -0.19 0.00	39.17 -0.99 0.00	31.55 -0.42 0.00	29.29 -0.02 0.00	22.84 0.02 0.00	22.13 -0.03 0.00	23.07 -0.09 0.00	28.22 0.00 0.00	32.25 0.09 0.00	30.54 -0.20 0.00	32.52 -0.67 0.00	42.03 -0.97 0.00	43.96 -1.16 0.00	48.25 -1.35 0.00	38.98 -0.94 0.00	39.09 -0.65 0.00	32.62 -0.27 0.00	27.22 0.07 0.00
OLIN_CORP_DRP 24177	21.45 -0.14 0.00	20.98 -0.23 0.00	20.38 -0.23 0.00	19.48 -0.40 0.00	19.55 -0.43 0.00	26.17 0.08 0.00	33.20 -0.25 0.00	38.91 -1.25 0.00	31.34 -0.63 0.00	29.11 -0.20 0.00	22.72 -0.10 0.00	21.99 -0.18 0.00	22.92 -0.25 0.00	28.02 -0.20 0.00	32.01 -0.15 0.00	30.35 -0.40 0.00	32.25 -0.95 0.00	41.60 -1.40 0.00	43.53 -1.59 0.00	47.80 -1.81 0.00	38.64 -1.28 0.00	38.83 -0.91 0.00	32.49 -0.40 0.00	27.18 0.04 0.00
OLIN_CORP_DSASP 323712	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.12 0.00	28.18 -0.05 0.00	32.21 0.05 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.74 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
ONEIDA_HERK_LFGE 323681	22.09 0.50 0.00	21.69 0.47 0.00	21.06 0.45 0.00	20.31 0.42 0.00	20.43 0.44 0.00	26.77 0.68 0.00	34.47 1.02 0.00	41.42 1.26 0.00	32.84 0.87 0.00	29.98 0.67 0.00	23.18 0.37 0.00	22.48 0.31 0.00	23.37 0.20 0.00	28.50 0.28 0.00	32.52 0.36 0.00	31.14 0.38 -0.02	33.75 0.56 0.00	44.31 0.93 -0.38	46.78 1.21 -0.45	51.75 1.53 -0.62	41.32 1.40 0.00	41.04 1.29 -0.01	33.78 0.89 0.00	27.78 0.64 0.00
ONEIDA___115KV_TB4 55905	22.07 0.49 0.00	21.67 0.45 0.00	21.03 0.42 0.00	20.29 0.40 0.00	20.41 0.42 0.00	26.78 0.68 0.00	34.45 1.00 0.00	41.38 1.22 0.00	32.91 0.94 0.00	30.13 0.83 0.00	23.29 0.48 0.00	22.65 0.49 0.00	23.62 0.46 0.00	28.83 0.60 0.00	32.86 0.70 0.00	31.50 0.72 -0.03	34.12 0.92 0.00	44.92 1.40 -0.52	47.39 1.65 -0.61	52.31 1.86 -0.84	41.39 1.47 0.00	41.10 1.35 -0.01	33.90 1.01 0.00	27.89 0.75 0.00
ONONDAGA_REF_OCCRA 23987	21.51 -0.08 0.00	21.10 -0.11 0.00	20.48 -0.14 0.00	19.75 -0.13 0.00	19.86 -0.12 0.00	26.08 -0.02 0.00	33.48 0.03 0.00	40.18 0.02 0.00	32.06 0.08 0.00	29.50 0.19 0.00	22.88 0.07 0.00	22.22 0.06 0.00	23.22 0.06 0.00	28.35 0.13 0.00	32.32 0.16 0.00	30.90 0.10 -0.06	33.31 0.11 0.00	44.33 0.19 -1.15	46.75 0.28 -1.34	51.73 0.28 -1.84	40.12 0.19 0.00	39.92 0.15 -0.03	33.02 0.13 0.00	27.21 0.07 0.00
ONONDAGA___COGEN 23986	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.18 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.08 -0.08 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00
ONTARIO___LFGE 23819	22.00 0.41 0.00	21.53 0.31 0.00	20.86 0.25 0.00	20.10 0.21 0.00	20.21 0.23 0.00	26.81 0.71 0.00	34.35 0.90 0.00	41.15 0.99 0.00	32.97 1.00 0.00	30.47 1.17 0.00	23.64 0.83 0.00	22.95 0.79 0.00	23.90 0.74 0.00	29.19 0.96 0.00	33.27 1.10 0.00	31.72 0.94 -0.03	34.17 0.97 0.00	45.02 1.42 -0.61	47.39 1.56 -0.71	52.26 1.68 -0.97	41.20 1.27 0.00	40.95 1.20 -0.02	33.98 1.09 0.00	28.05 0.91 0.00
ORANGEVILLE_WT_PWR 323706	21.71 0.13 0.00	21.25 0.04 0.00	20.61 -0.01 0.00	19.79 -0.09 0.00	19.87 -0.11 0.00	26.60 0.50 0.00	33.83 0.38 0.00	40.10 -0.06 0.00	32.21 0.24 0.00	29.92 0.62 0.00	23.30 0.49 0.00	22.65 0.48 0.00	23.64 0.48 0.00	28.94 0.72 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.44 0.24 0.00	43.25 0.26 0.00	45.29 0.16 0.00	49.70 0.09 0.00	40.05 0.12 0.00	40.09 0.35 0.00	33.36 0.47 0.00	27.72 0.58 0.00
ORANGEVILLE___ESR 323794	21.71 0.13 0.00	21.25 0.04 0.00	20.61 -0.01 0.00	19.79 -0.09 0.00	19.87 -0.11 0.00	26.60 0.50 0.00	33.83 0.38 0.00	40.10 -0.06 0.00	32.21 0.24 0.00	29.92 0.62 0.00	23.30 0.49 0.00	22.65 0.48 0.00	23.64 0.48 0.00	28.94 0.72 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.44 0.24 0.00	43.25 0.26 0.00	45.29 0.16 0.00	49.70 0.09 0.00	40.05 0.12 0.00	40.09 0.35 0.00	33.36 0.47 0.00	27.72 0.58 0.00
OSWEGATCHIE___HYD 24044	22.07 0.49 0.00	21.66 0.44 0.00	21.05 0.43 0.00	20.25 0.36 0.00	20.35 0.37 0.00	26.65 0.55 0.00	34.34 0.90 0.00	41.16 1.00 0.00	32.50 0.53 0.00	29.50 0.19 0.00	22.78 -0.03 0.00	21.97 -0.19 0.00	22.74 -0.42 0.00	27.64 -0.58 0.00	31.64 -0.53 0.00	30.26 -0.52 -0.03	32.72 -0.48 0.00	43.20 -0.39 -0.59	45.72 -0.09 -0.70	50.77 0.20 -0.95	40.63 0.70 0.00	40.59 0.83 -0.02	33.46 0.56 0.00	27.60 0.45 0.00
OSWEGO___5 23606	21.13 -0.46 0.00	20.74 -0.48 0.00	20.13 -0.47 0.00	19.43 -0.46 0.00	19.52 -0.46 0.00	25.59 -0.51 0.00	32.80 -0.64 0.00	39.35 -0.81 0.00	31.36 -0.62 0.00	28.83 -0.48 0.00	22.40 -0.41 0.00	21.76 -0.41 0.00	22.74 -0.42 0.00	27.73 -0.50 0.00	31.60 -0.56 0.00	30.57 -0.57 -0.39	32.57 -0.62 0.00	49.51 -0.79 -7.30	52.88 -0.80 -8.55	60.46 -0.86 -11.72	39.23 -0.69 0.00	39.22 -0.70 -0.19	32.32 -0.57 0.00	26.67 -0.47 0.00

OSWEGO___6 23613	21.13 -0.46 0.00	20.74 -0.48 0.00	20.13 -0.47 0.00	19.43 -0.46 0.00	19.52 -0.46 0.00	25.59 -0.51 0.00	32.80 -0.64 0.00	39.35 -0.81 0.00	31.36 -0.62 0.00	28.83 -0.48 0.00	22.40 -0.41 0.00	21.76 -0.41 0.00	22.74 -0.42 0.00	27.73 -0.50 0.00	31.60 -0.56 0.00	30.57 -0.57 -0.39	32.57 -0.62 0.00	49.51 -0.79 -7.30	52.88 -0.80 -8.55	60.46 -0.86 -11.72	39.23 -0.69 0.00	39.22 -0.70 -0.19	32.32 -0.57 0.00	26.67 -0.47 0.00
OUTOKUMPU-AB___DRP 24206	21.89 0.30 0.00	21.40 0.18 0.00	20.78 0.17 0.00	19.88 -0.01 0.00	19.94 -0.04 0.00	26.72 0.62 0.00	33.95 0.50 0.00	39.94 -0.22 0.00	32.21 0.24 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.64 0.47 0.00	23.60 0.44 0.00	28.89 0.67 0.00	33.01 0.85 0.00	31.28 0.54 0.00	33.23 0.04 0.00	42.89 -0.11 0.00	44.94 -0.19 0.00	49.33 -0.28 0.00	39.80 -0.12 0.00	39.94 0.20 0.00	33.29 0.40 0.00	27.77 0.63 0.00
OXBOW___BTM 323836	21.73 0.14 0.00	21.25 0.03 0.00	20.63 0.02 0.00	19.73 -0.16 0.00	19.79 -0.19 0.00	26.51 0.42 0.00	33.65 0.20 0.00	39.57 -0.59 0.00	31.92 -0.05 0.00	29.66 0.35 0.00	23.14 0.33 0.00	22.42 0.25 0.00	23.37 0.21 0.00	28.61 0.38 0.00	32.70 0.53 0.00	30.98 0.23 0.00	32.86 -0.34 0.00	42.37 -0.62 0.00	44.34 -0.78 0.00	48.66 -0.95 0.00	39.30 -0.63 0.00	39.45 -0.29 0.00	32.90 0.01 0.00	27.46 0.32 0.00
OXBOW____ 24026	21.73 0.14 0.00	21.25 0.03 0.00	20.63 0.02 0.00	19.73 -0.16 0.00	19.79 -0.19 0.00	26.51 0.41 0.00	33.65 0.20 0.00	39.58 -0.59 0.00	31.92 -0.05 0.00	29.66 0.35 0.00	23.14 0.33 0.00	22.42 0.25 0.00	23.37 0.21 0.00	28.61 0.38 0.00	32.70 0.53 0.00	30.98 0.23 0.00	32.86 -0.33 0.00	42.37 -0.63 0.00	44.34 -0.78 0.00	48.67 -0.94 0.00	39.30 -0.63 0.00	39.45 -0.29 0.00	32.90 0.01 0.00	27.46 0.32 0.00
OXY_CHEM_DSASP 323612	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.13 0.00	28.18 -0.05 0.00	32.21 0.04 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.75 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
OZONE_PARK_ESR 323760	22.79 1.20 0.00	22.41 1.19 0.00	21.72 1.11 0.00	21.03 1.14 0.00	21.13 1.15 0.00	27.56 1.46 0.00	35.37 1.93 0.00	42.47 2.31 0.00	33.79 1.82 0.00	31.06 1.75 0.00	24.30 1.49 0.00	23.76 1.59 0.00	24.93 1.77 0.00	30.33 2.11 0.00	34.47 2.31 0.00	32.89 2.15 0.00	35.44 2.25 0.00	45.61 2.62 0.00	47.92 2.80 0.00	52.69 3.08 0.00	42.26 2.34 0.00	41.93 2.19 0.00	34.68 1.79 0.00	28.63 1.49 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.13 0.00	28.18 -0.05 0.00	32.21 0.04 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.75 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
PACKARD__115KV_DUPONT_184 80571	21.48 -0.11 0.00	21.01 -0.21 0.00	20.40 -0.21 0.00	19.51 -0.38 0.00	19.57 -0.41 0.00	26.20 0.10 0.00	33.21 -0.23 0.00	39.04 -1.12 0.00	31.49 -0.48 0.00	29.24 -0.07 0.00	22.82 0.01 0.00	22.09 -0.07 0.00	23.04 -0.13 0.00	28.18 -0.05 0.00	32.21 0.04 0.00	30.51 -0.23 0.00	32.30 -0.90 0.00	41.59 -1.41 0.00	43.49 -1.63 0.00	47.73 -1.88 0.00	38.57 -1.35 0.00	38.75 -0.99 0.00	32.36 -0.53 0.00	27.04 -0.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.63 1.04 0.00	22.22 1.00 0.00	21.62 1.01 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.25 1.16 0.00	35.04 1.59 0.00	42.04 1.88 0.00	33.42 1.44 0.00	30.67 1.36 0.00	24.02 1.21 0.00	23.47 1.30 0.00	24.63 1.47 0.00	29.96 1.73 0.00	34.02 1.86 0.00	32.44 1.69 0.00	34.96 1.77 0.00	45.12 2.12 0.00	47.44 2.31 0.00	52.18 2.58 0.00	41.91 1.99 0.00	41.59 1.85 0.00	34.37 1.48 0.00	28.33 1.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.65 1.06 0.00	22.23 1.01 0.00	21.63 1.02 0.00	20.94 1.05 0.00	21.07 1.09 0.00	27.29 1.19 0.00	35.16 1.71 0.00	42.15 1.99 0.00	33.54 1.57 0.00	30.77 1.47 0.00	24.09 1.27 0.00	23.52 1.35 0.00	24.68 1.52 0.00	30.04 1.81 0.00	34.11 1.95 0.00	32.45 1.70 0.00	34.97 1.77 0.00	45.22 2.23 0.00	47.50 2.38 0.00	52.27 2.66 0.00	42.00 2.07 0.00	41.65 1.91 0.00	34.39 1.50 0.00	28.45 1.30 0.00
PATROON__115KV_TB1 80586	21.89 0.30 0.00	21.54 0.33 0.00	20.93 0.32 0.00	20.25 0.36 0.00	20.38 0.39 0.00	26.46 0.36 0.00	33.88 0.43 0.00	40.77 0.61 0.00	32.30 0.32 0.00	29.48 0.17 0.00	22.99 0.17 0.00	22.33 0.17 0.00	23.34 0.18 0.00	28.43 0.20 0.00	32.38 0.21 0.00	31.09 0.35 0.00	33.64 0.44 0.00	43.65 0.65 0.00	46.04 0.91 0.00	50.63 1.02 0.00	40.73 0.80 0.00	40.33 0.59 0.00	33.31 0.42 0.00	27.47 0.32 0.00
PATTRSNVILLE___SOLAR 323815	22.32 0.73 0.00	21.94 0.72 0.00	21.32 0.71 0.00	20.59 0.70 0.00	20.70 0.72 0.00	27.00 0.90 0.00	34.65 1.20 0.00	41.65 1.49 0.00	32.91 0.94 0.00	30.03 0.72 0.00	23.39 0.57 0.00	22.63 0.46 0.00	23.51 0.35 0.00	28.61 0.38 0.00	32.63 0.47 0.00	31.37 0.62 0.00	33.93 0.74 0.00	44.36 1.37 0.00	46.88 1.76 0.00	51.59 1.98 0.00	41.50 1.58 0.00	41.19 1.45 0.00	34.04 1.15 0.00	28.07 0.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.98 0.39 0.00	21.49 0.27 0.00	20.84 0.23 0.00	19.97 0.08 0.00	20.04 0.06 0.00	26.88 0.78 0.00	34.20 0.75 0.00	40.39 0.23 0.00	32.54 0.57 0.00	30.26 0.95 0.00	23.56 0.75 0.00	22.88 0.72 0.00	23.88 0.72 0.00	29.22 0.99 0.00	33.34 1.17 0.00	31.57 0.83 0.00	33.74 0.54 0.00	43.65 0.65 0.00	45.66 0.54 0.00	50.11 0.50 0.00	40.42 0.49 0.00	40.52 0.78 0.00	33.74 0.85 0.00	28.06 0.91 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.53 0.95 0.00	22.16 0.94 0.00	21.49 0.88 0.00	20.80 0.91 0.00	20.92 0.94 0.00	27.26 1.16 0.00	34.99 1.54 0.00	42.08 1.92 0.00	33.45 1.47 0.00	30.65 1.34 0.00	23.96 1.14 0.00	23.37 1.21 0.00	24.51 1.34 0.00	29.84 1.62 0.00	33.95 1.78 0.00	32.46 1.71 0.00	35.03 1.83 0.00	45.26 2.27 0.00	47.61 2.49 0.00	52.34 2.74 0.00	41.99 2.06 0.00	41.59 1.85 0.00	34.36 1.47 0.00	28.33 1.19 0.00
PEEKSKILL____ 23653	22.35 0.76 0.00	21.98 0.76 0.00	21.31 0.70 0.00	20.64 0.75 0.00	20.74 0.76 0.00	27.05 0.95 0.00	34.68 1.24 0.00	41.68 1.52 0.00	33.11 1.13 0.00	30.36 1.05 0.00	23.75 0.93 0.00	23.19 1.03 0.00	24.33 1.17 0.00	29.61 1.39 0.00	33.65 1.49 0.00	32.11 1.37 0.00	34.66 1.47 0.00	44.73 1.74 0.00	47.04 1.92 0.00	51.69 2.09 0.00	41.48 1.55 0.00	41.12 1.38 0.00	34.01 1.12 0.00	28.06 0.92 0.00

PGE MADISON___WINDPWR 24146	23.08 1.49 0.00	22.64 1.42 0.00	21.94 1.33 0.00	21.17 1.28 0.00	21.31 1.32 0.00	28.21 2.12 0.00	36.42 2.97 0.00	43.77 3.61 0.00	34.67 2.69 0.00	31.70 2.39 0.00	24.51 1.69 0.00	23.63 1.46 0.00	24.71 1.55 0.00	30.19 1.97 0.00	34.48 2.32 0.00	32.92 2.14 -0.04	35.46 2.27 0.00	47.61 3.96 -0.66	50.27 4.38 -0.77	55.46 4.81 -1.05	43.59 3.67 0.00	43.21 3.46 -0.02	35.41 2.52 0.00	29.13 1.99 0.00
PIERCEFIELD___HYD 23852	21.96 0.37 0.00	21.55 0.33 0.00	20.94 0.33 0.00	20.13 0.24 0.00	20.20 0.21 0.00	26.39 0.29 0.00	33.91 0.47 0.00	40.57 0.41 0.00	32.04 0.07 0.00	29.13 -0.18 0.00	22.62 -0.19 0.00	21.86 -0.30 0.00	22.71 -0.45 0.00	27.53 -0.70 0.00	31.49 -0.67 0.00	30.17 -0.59 -0.02	32.45 -0.74 0.00	42.47 -0.84 -0.31	44.68 -0.81 -0.37	49.36 -0.75 -0.50	39.62 -0.30 0.00	39.81 0.06 -0.01	33.08 0.19 0.00	27.39 0.25 0.00
PINELAWN_CC_1 323563	22.62 1.04 0.00	22.31 1.09 0.00	21.58 0.97 0.00	20.90 1.01 0.00	21.04 1.06 0.00	27.46 1.37 0.00	35.21 1.76 0.00	42.07 1.91 0.00	33.47 1.50 0.00	30.73 1.43 0.00	24.19 1.38 0.00	23.57 1.41 0.00	24.66 1.50 0.00	29.83 1.60 0.00	34.05 1.89 0.00	32.38 1.64 0.00	34.90 1.70 0.00	44.87 1.87 0.00	47.32 2.20 0.00	52.00 2.39 0.00	41.69 1.77 0.00	41.45 1.71 0.00	34.39 1.50 0.00	28.36 1.21 0.00
PJM_GEN_HTP_PROXY 323702	22.57 0.98 0.00	22.19 0.97 0.00	21.51 0.90 0.00	20.82 0.94 0.00	20.94 0.96 0.00	27.28 1.18 0.00	36.24 1.54 -1.25	42.55 1.86 -0.52	34.08 1.45 -0.66	31.46 1.39 -0.76	24.03 1.21 0.00	23.49 1.33 0.00	24.65 1.48 0.00	29.99 1.77 0.00	34.06 1.90 0.00	32.49 1.74 0.00	35.50 1.83 -0.47	45.11 2.12 0.00	50.43 2.28 -3.02	52.10 2.49 0.00	41.79 1.86 0.00	41.46 1.70 -0.02	34.29 1.40 0.00	28.31 1.17 0.00
PJM_GEN_KEystone 24065	22.06 0.25 -0.23	21.43 0.21 0.00	20.75 0.14 0.00	20.05 0.16 0.00	20.14 0.16 0.00	26.61 0.51 0.00	35.26 0.56 -1.25	43.36 0.40 -2.81	33.65 0.42 -1.26	31.20 0.60 -1.30	23.11 0.49 0.20	22.78 0.61 0.00	23.85 0.68 0.00	29.08 0.86 0.00	33.02 0.86 0.00	31.36 0.62 0.00	44.13 0.58 -10.35	43.65 0.66 0.00	48.81 0.67 -3.02	50.28 0.67 0.00	40.43 0.50 0.00	40.29 0.54 -0.02	33.45 0.56 0.00	27.70 0.55 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.46 0.87 0.00	22.14 0.92 0.00	21.43 0.82 0.00	20.75 0.86 0.00	20.89 0.91 0.00	27.25 1.15 0.00	36.18 1.48 -1.25	42.28 1.60 -0.52	33.89 1.26 -0.66	31.27 1.20 -0.76	23.98 1.16 0.00	23.38 1.22 0.00	24.49 1.32 0.00	29.69 1.47 0.00	33.83 1.67 0.00	32.21 1.47 0.00	35.19 1.52 -0.47	44.62 1.63 0.00	50.01 1.87 -3.02	51.63 2.03 0.00	41.39 1.47 0.00	41.17 1.41 -0.02	34.12 1.23 0.00	28.15 1.01 0.00
PJM_GEN_VFT_PROXY 323633	22.54 0.95 0.00	22.16 0.94 0.00	21.48 0.87 0.00	20.81 0.92 0.00	20.91 0.93 0.00	27.26 1.16 0.00	36.21 1.51 -1.25	42.44 1.76 -0.52	33.99 1.36 -0.66	31.38 1.31 -0.76	23.97 1.15 0.00	23.44 1.28 0.00	24.60 1.44 0.00	29.93 1.71 0.00	33.98 1.82 0.00	32.41 1.66 0.00	35.41 1.74 -0.47	44.99 1.99 0.00	50.28 2.14 -3.02	51.95 2.34 0.00	41.67 1.74 0.00	41.36 1.60 -0.02	34.22 1.33 0.00	28.27 1.13 0.00
PLATSBURG_115KV_PMLD1 355749	22.59 1.00 0.00	22.13 0.91 0.00	21.40 0.79 0.00	20.59 0.70 0.00	20.69 0.71 0.00	26.67 0.57 0.00	33.98 0.53 0.00	41.13 0.97 0.00	32.79 0.82 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.53 0.37 0.00	23.60 0.44 0.00	28.58 0.35 0.00	32.64 0.48 0.00	31.50 0.75 0.00	34.04 0.85 0.00	44.23 1.24 0.00	45.68 0.56 0.00	49.73 0.13 0.00	40.19 0.26 0.00	40.04 0.30 0.00	33.27 0.38 0.00	27.39 0.24 0.00
PLEASANTVLY___LBMP 24000	22.26 0.67 0.00	21.90 0.69 0.00	21.25 0.64 0.00	20.58 0.69 0.00	20.69 0.71 0.00	26.93 0.83 0.00	34.49 1.04 0.00	41.46 1.30 0.00	32.93 0.96 0.00	30.14 0.83 0.00	23.56 0.75 0.00	23.00 0.83 0.00	24.11 0.95 0.00	29.34 1.12 0.00	33.36 1.20 0.00	31.87 1.13 0.00	34.42 1.23 0.00	44.46 1.46 0.00	46.78 1.66 0.00	51.43 1.82 0.00	41.31 1.39 0.00	40.95 1.21 0.00	33.86 0.97 0.00	27.94 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.44 0.85 0.00	22.07 0.85 0.00	21.41 0.80 0.00	20.72 0.84 0.00	20.83 0.85 0.00	27.14 1.05 0.00	34.81 1.37 0.00	41.83 1.67 0.00	33.25 1.28 0.00	30.48 1.17 0.00	23.84 1.02 0.00	23.28 1.12 0.00	24.41 1.25 0.00	29.71 1.49 0.00	33.77 1.60 0.00	32.23 1.49 0.00	34.80 1.61 0.00	44.90 1.90 0.00	47.20 2.07 0.00	51.89 2.28 0.00	41.64 1.72 0.00	41.27 1.53 0.00	34.14 1.24 0.00	28.16 1.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.44 0.85 0.00	22.07 0.85 0.00	21.41 0.80 0.00	20.72 0.84 0.00	20.83 0.85 0.00	27.14 1.05 0.00	34.81 1.37 0.00	41.83 1.67 0.00	33.25 1.28 0.00	30.48 1.17 0.00	23.84 1.02 0.00	23.28 1.12 0.00	24.41 1.25 0.00	29.71 1.49 0.00	33.77 1.60 0.00	32.23 1.49 0.00	34.80 1.61 0.00	44.90 1.90 0.00	47.20 2.07 0.00	51.89 2.28 0.00	41.64 1.72 0.00	41.27 1.53 0.00	34.14 1.24 0.00	28.16 1.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.38 0.79 0.00	22.01 0.79 0.00	21.36 0.75 0.00	20.68 0.79 0.00	20.78 0.80 0.00	27.08 0.98 0.00	34.71 1.26 0.00	41.75 1.59 0.00	33.18 1.21 0.00	30.35 1.05 0.00	23.70 0.89 0.00	23.11 0.94 0.00	24.24 1.08 0.00	29.54 1.31 0.00	33.60 1.43 0.00	32.14 1.40 0.00	34.73 1.53 0.00	44.91 1.92 0.00	47.27 2.14 0.00	51.97 2.37 0.00	41.72 1.80 0.00	41.33 1.59 0.00	34.14 1.25 0.00	28.15 1.00 0.00
POLETTI___ 23519	22.61 1.03 0.00	22.24 1.02 0.00	21.57 0.96 0.00	20.88 1.00 0.00	20.99 1.01 0.00	27.35 1.26 0.00	35.08 1.63 0.00	42.10 1.93 0.00	33.49 1.51 0.00	30.76 1.46 0.00	24.09 1.28 0.00	23.55 1.38 0.00	24.70 1.54 0.00	30.06 1.84 0.00	34.12 1.96 0.00	32.54 1.80 0.00	35.07 1.87 0.00	45.13 2.14 0.00	47.43 2.31 0.00	52.12 2.51 0.00	41.82 1.90 0.00	41.49 1.75 0.00	34.33 1.44 0.00	28.37 1.23 0.00
POMONA___ESR 323819	22.28 0.69 0.00	21.90 0.68 0.00	21.21 0.60 0.00	20.54 0.66 0.00	20.64 0.66 0.00	26.98 0.88 0.00	34.61 1.16 0.00	41.53 1.37 0.00	32.98 1.01 0.00	30.24 0.93 0.00	23.64 0.83 0.00	23.11 0.95 0.00	24.28 1.12 0.00	29.57 1.35 0.00	33.58 1.42 0.00	32.04 1.30 0.00	34.60 1.41 0.00	44.70 1.70 0.00	46.99 1.86 0.00	51.62 2.01 0.00	41.39 1.47 0.00	41.01 1.27 0.00	33.93 1.03 0.00	27.99 0.84 0.00
PORT_JEFF_3 23555	22.59 1.00 0.00	22.34 1.12 0.00	21.60 0.99 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.45 1.35 0.00	35.16 1.71 0.00	41.88 1.71 0.00	33.33 1.36 0.00	30.61 1.30 0.00	24.13 1.32 0.00	23.50 1.34 0.00	24.56 1.39 0.00	29.70 1.48 0.00	33.87 1.70 0.00	32.24 1.49 0.00	34.75 1.55 0.00	44.62 1.63 0.00	47.07 1.94 0.00	51.66 2.05 0.00	41.50 1.58 0.00	41.31 1.57 0.00	34.26 1.37 0.00	28.26 1.12 0.00

PORT_JEFF_4 23616	22.59 1.00 0.00	22.34 1.12 0.00	21.60 0.99 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.45 1.35 0.00	35.16 1.71 0.00	41.88 1.71 0.00	33.33 1.36 0.00	30.61 1.30 0.00	24.13 1.32 0.00	23.50 1.34 0.00	24.56 1.39 0.00	29.70 1.48 0.00	33.87 1.70 0.00	32.24 1.49 0.00	34.75 1.55 0.00	44.62 1.63 0.00	47.07 1.94 0.00	51.66 2.05 0.00	41.50 1.58 0.00	41.31 1.57 0.00	34.26 1.37 0.00	28.26 1.12 0.00
PORT_JEFF_IC 23713	22.58 0.99 0.00	22.33 1.11 0.00	21.60 0.99 0.00	20.92 1.03 0.00	21.09 1.11 0.00	27.43 1.33 0.00	35.13 1.68 0.00	41.84 1.68 0.00	33.30 1.33 0.00	30.58 1.27 0.00	24.12 1.30 0.00	23.48 1.32 0.00	24.53 1.37 0.00	29.67 1.45 0.00	33.83 1.67 0.00	32.21 1.46 0.00	34.72 1.52 0.00	44.52 1.53 0.00	46.91 1.79 0.00	51.47 1.86 0.00	41.41 1.49 0.00	41.30 1.56 0.00	34.24 1.35 0.00	28.25 1.10 0.00
PPL_PILGRIM_ST_GT1 24216	22.71 1.12 0.00	22.43 1.22 0.00	21.69 1.08 0.00	21.01 1.12 0.00	21.16 1.18 0.00	27.61 1.52 0.00	35.42 1.97 0.00	42.18 2.02 0.00	33.59 1.61 0.00	30.84 1.53 0.00	24.31 1.49 0.00	23.66 1.50 0.00	24.74 1.57 0.00	29.92 1.70 0.00	34.12 1.96 0.00	32.51 1.76 0.00	35.02 1.82 0.00	44.85 1.85 0.00	47.32 2.20 0.00	52.15 2.54 0.00	41.82 1.90 0.00	41.57 1.83 0.00	34.50 1.61 0.00	28.44 1.30 0.00
PPL_PILGRIM_ST_GT2 24217	22.71 1.12 0.00	22.43 1.22 0.00	21.69 1.08 0.00	21.01 1.12 0.00	21.16 1.18 0.00	27.61 1.52 0.00	35.42 1.97 0.00	42.18 2.02 0.00	33.59 1.61 0.00	30.84 1.53 0.00	24.31 1.49 0.00	23.66 1.50 0.00	24.74 1.57 0.00	29.92 1.70 0.00	34.12 1.96 0.00	32.51 1.76 0.00	35.02 1.82 0.00	44.85 1.85 0.00	47.32 2.20 0.00	52.15 2.54 0.00	41.82 1.90 0.00	41.57 1.83 0.00	34.50 1.61 0.00	28.44 1.30 0.00
PPL_SHRM_GT3 24213	22.17 0.58 0.00	22.11 0.89 0.00	21.37 0.76 0.00	20.71 0.82 0.00	20.91 0.93 0.00	26.91 0.81 0.00	34.39 0.94 0.00	40.88 0.71 0.00	32.50 0.53 0.00	29.81 0.50 0.00	23.57 0.76 0.00	22.91 0.75 0.00	23.87 0.71 0.00	28.87 0.65 0.00	32.96 0.80 0.00	31.36 0.61 0.00	33.89 0.69 0.00	43.70 0.71 0.00	46.46 1.34 0.00	50.76 1.15 0.00	40.83 0.91 0.00	40.51 0.77 0.00	33.48 0.58 0.00	27.71 0.57 0.00
PPL_SHRM_GT4 24214	22.17 0.58 0.00	22.11 0.89 0.00	21.37 0.76 0.00	20.71 0.82 0.00	20.91 0.93 0.00	26.91 0.81 0.00	34.39 0.94 0.00	40.88 0.71 0.00	32.50 0.53 0.00	29.81 0.50 0.00	23.57 0.76 0.00	22.91 0.75 0.00	23.87 0.71 0.00	28.87 0.65 0.00	32.96 0.80 0.00	31.36 0.61 0.00	33.89 0.69 0.00	43.70 0.71 0.00	46.46 1.34 0.00	50.76 1.15 0.00	40.83 0.91 0.00	40.51 0.77 0.00	33.48 0.58 0.00	27.71 0.57 0.00
PROJECT___ORANGE 1 24174	21.40 -0.19 0.00	20.99 -0.22 0.00	20.38 -0.23 0.00	19.66 -0.23 0.00	19.76 -0.22 0.00	25.95 -0.15 0.00	33.30 -0.15 0.00	39.94 -0.22 0.00	31.88 -0.09 0.00	29.35 0.04 0.00	22.77 -0.04 0.00	22.12 -0.04 0.00	23.13 -0.03 0.00	28.23 0.01 0.00	32.17 0.01 0.00	30.76 -0.04 -0.05	33.14 -0.06 0.00	43.89 -0.06 -0.96	46.22 -0.03 -1.12	51.08 -0.06 -1.54	39.85 -0.07 0.00	39.66 -0.11 -0.03	32.82 -0.07 0.00	27.06 -0.08 0.00
PROJECT___ORANGE 2 24166	21.40 -0.19 0.00	20.99 -0.22 0.00	20.38 -0.23 0.00	19.66 -0.23 0.00	19.76 -0.22 0.00	25.95 -0.15 0.00	33.30 -0.15 0.00	39.94 -0.22 0.00	31.88 -0.09 0.00	29.35 0.04 0.00	22.77 -0.04 0.00	22.12 -0.04 0.00	23.13 -0.03 0.00	28.23 0.01 0.00	32.17 0.01 0.00	30.76 -0.04 -0.05	33.14 -0.06 0.00	43.89 -0.06 -0.96	46.22 -0.03 -1.12	51.08 -0.06 -1.54	39.85 -0.07 0.00	39.66 -0.11 -0.03	32.82 -0.07 0.00	27.06 -0.08 0.00
PUCKETT___SOLAR 323809	21.99 0.40 0.00	21.59 0.37 0.00	20.93 0.32 0.00	20.21 0.32 0.00	20.30 0.32 0.00	26.80 0.70 0.00	34.38 0.93 0.00	41.28 1.12 0.00	32.83 0.85 0.00	30.15 0.84 0.00	23.38 0.57 0.00	22.76 0.60 0.00	23.76 0.60 0.00	29.06 0.83 0.00	33.12 0.96 0.00	31.52 0.74 -0.03	34.04 0.84 0.00	44.99 1.35 -0.64	47.45 1.58 -0.75	52.29 1.65 -1.03	41.24 1.31 0.00	41.04 1.28 -0.02	33.85 0.96 0.00	27.94 0.79 0.00
PYRITES___HYD 24023	22.28 0.69 0.00	21.86 0.64 0.00	21.24 0.63 0.00	20.42 0.54 0.00	20.50 0.52 0.00	26.83 0.73 0.00	34.51 1.06 0.00	41.31 1.15 0.00	32.63 0.65 0.00	29.44 0.13 0.00	22.83 0.02 0.00	22.06 -0.10 0.00	22.92 -0.24 0.00	27.80 -0.42 0.00	31.83 -0.33 0.00	30.49 -0.27 -0.02	32.85 -0.35 0.00	43.12 -0.16 -0.29	45.66 0.20 -0.34	50.56 0.49 -0.46	40.52 0.59 0.00	40.66 0.92 -0.01	33.70 0.81 0.00	27.86 0.72 0.00
QUAKERRD_115KV_BK1 80622	21.81 0.22 0.00	21.36 0.14 0.00	20.73 0.11 0.00	19.91 0.02 0.00	20.00 0.02 0.00	26.51 0.41 0.00	33.92 0.48 0.00	40.43 0.27 0.00	32.39 0.41 0.00	29.91 0.60 0.00	23.28 0.46 0.00	22.57 0.41 0.00	23.55 0.39 0.00	28.77 0.54 0.00	32.85 0.69 0.00	31.27 0.52 0.00	33.58 0.38 0.00	43.55 0.56 0.00	45.70 0.57 0.00	50.22 0.62 0.00	40.41 0.49 0.00	40.26 0.51 0.00	33.38 0.49 0.00	27.64 0.49 0.00
QUENSBRY_115KV_TB8 356137	22.87 1.28 0.00	22.47 1.25 0.00	21.78 1.17 0.00	21.10 1.22 0.00	21.29 1.31 0.00	27.76 1.66 0.00	35.42 1.97 0.00	42.73 2.57 0.00	33.75 1.78 0.00	30.74 1.43 0.00	23.90 1.08 0.00	23.10 0.94 0.00	24.20 1.04 0.00	29.35 1.12 0.00	33.50 1.34 0.00	32.42 1.67 0.00	35.39 2.20 0.00	46.15 3.16 0.00	48.76 3.64 0.00	53.70 4.09 0.00	43.13 3.21 0.00	42.49 2.75 0.00	34.98 2.09 0.00	28.85 1.71 0.00
RAMAPO___LBMP 323565	22.22 0.63 0.00	21.84 0.62 0.00	21.15 0.54 0.00	20.49 0.60 0.00	20.60 0.62 0.00	26.90 0.81 0.00	34.51 1.06 0.00	41.41 1.25 0.00	32.88 0.91 0.00	30.14 0.83 0.00	23.57 0.76 0.00	23.03 0.87 0.00	24.19 1.03 0.00	29.46 1.23 0.00	33.45 1.29 0.00	31.91 1.17 0.00	34.46 1.27 0.00	44.52 1.53 0.00	46.80 1.68 0.00	51.42 1.82 0.00	41.25 1.33 0.00	40.87 1.13 0.00	33.81 0.92 0.00	27.90 0.76 0.00
RANKINE____ 23646	21.89 0.30 0.00	21.42 0.20 0.00	20.77 0.16 0.00	19.90 0.01 0.00	19.96 -0.02 0.00	26.78 0.68 0.00	34.01 0.56 0.00	40.11 -0.06 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.74 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.16 1.00 0.00	31.42 0.67 0.00	33.52 0.32 0.00	43.31 0.31 0.00	45.31 0.19 0.00	49.74 0.13 0.00	40.14 0.22 0.00	40.27 0.53 0.00	33.52 0.63 0.00	27.90 0.76 0.00
RAVENSWOOD_GT2_1 24244	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.75 1.45 0.00	24.07 1.26 0.00	23.53 1.37 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.08 1.88 0.00	45.17 2.17 0.00	47.46 2.33 0.00	52.15 2.54 0.00	41.84 1.92 0.00	41.51 1.77 0.00	34.36 1.47 0.00	28.36 1.22 0.00



RAVENSWOOD_GT2_2 24245	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.75 1.45 0.00	24.07 1.26 0.00	23.53 1.37 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.08 1.88 0.00	45.17 2.17 0.00	47.46 2.33 0.00	52.15 2.54 0.00	41.84 1.92 0.00	41.51 1.77 0.00	34.36 1.47 0.00	28.36 1.22 0.00
RAVENSWOOD_GT2_3 24246	22.61 1.02 0.00	22.23 1.02 0.00	21.57 0.96 0.00	20.88 0.99 0.00	20.99 1.01 0.00	27.34 1.24 0.00	35.07 1.63 0.00	42.10 1.93 0.00	33.49 1.52 0.00	30.76 1.46 0.00	24.09 1.27 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.04 1.82 0.00	34.13 1.96 0.00	32.56 1.81 0.00	35.10 1.90 0.00	45.18 2.19 0.00	47.49 2.37 0.00	52.20 2.59 0.00	41.87 1.94 0.00	41.53 1.79 0.00	34.37 1.48 0.00	28.37 1.23 0.00
RAVENSWOOD_GT2_4 24247	22.61 1.02 0.00	22.23 1.02 0.00	21.57 0.96 0.00	20.88 0.99 0.00	20.99 1.01 0.00	27.34 1.24 0.00	35.07 1.63 0.00	42.10 1.93 0.00	33.49 1.52 0.00	30.76 1.46 0.00	24.09 1.27 0.00	23.54 1.37 0.00	24.70 1.53 0.00	30.04 1.82 0.00	34.13 1.96 0.00	32.56 1.81 0.00	35.10 1.90 0.00	45.18 2.19 0.00	47.49 2.37 0.00	52.20 2.59 0.00	41.87 1.94 0.00	41.53 1.79 0.00	34.37 1.48 0.00	28.37 1.23 0.00
RAVENSWOOD_GT3_1 24248	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.76 1.45 0.00	24.07 1.26 0.00	23.53 1.37 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.08 1.88 0.00	45.17 2.17 0.00	47.46 2.34 0.00	52.15 2.55 0.00	41.85 1.93 0.00	41.51 1.77 0.00	34.36 1.47 0.00	28.36 1.22 0.00
RAVENSWOOD_GT3_2 24249	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.76 1.45 0.00	24.07 1.26 0.00	23.53 1.37 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.12 1.95 0.00	32.54 1.80 0.00	35.08 1.88 0.00	45.17 2.17 0.00	47.46 2.34 0.00	52.15 2.55 0.00	41.85 1.93 0.00	41.51 1.77 0.00	34.36 1.47 0.00	28.36 1.22 0.00
RAVENSWOOD_GT3_3 24250	22.63 1.04 0.00	22.25 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.37 1.27 0.00	35.11 1.66 0.00	42.14 1.98 0.00	33.53 1.56 0.00	30.80 1.49 0.00	24.11 1.30 0.00	23.57 1.41 0.00	24.73 1.57 0.00	30.09 1.87 0.00	34.18 2.01 0.00	32.60 1.85 0.00	35.14 1.94 0.00	45.25 2.26 0.00	47.54 2.42 0.00	52.24 2.64 0.00	41.92 1.99 0.00	41.58 1.84 0.00	34.41 1.51 0.00	28.40 1.26 0.00
RAVENSWOOD_GT3_4 24251	22.63 1.04 0.00	22.25 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.37 1.27 0.00	35.11 1.66 0.00	42.14 1.98 0.00	33.53 1.56 0.00	30.80 1.49 0.00	24.11 1.30 0.00	23.57 1.41 0.00	24.73 1.57 0.00	30.09 1.87 0.00	34.18 2.01 0.00	32.60 1.85 0.00	35.14 1.94 0.00	45.25 2.26 0.00	47.54 2.42 0.00	52.24 2.64 0.00	41.92 1.99 0.00	41.58 1.84 0.00	34.41 1.51 0.00	28.40 1.26 0.00
RAVENSWOOD_GT_1 23729	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.10 1.65 0.00	42.13 1.97 0.00	33.53 1.56 0.00	30.82 1.51 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.74 1.58 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.90 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
RAVENSWOOD_GT_10 24258	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.75 1.44 0.00	24.07 1.25 0.00	23.53 1.36 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.11 1.95 0.00	32.54 1.79 0.00	35.08 1.88 0.00	45.17 2.18 0.00	47.46 2.34 0.00	52.15 2.54 0.00	41.85 1.93 0.00	41.51 1.77 0.00	34.35 1.46 0.00	28.36 1.22 0.00
RAVENSWOOD_GT_11 24259	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.75 1.44 0.00	24.07 1.25 0.00	23.53 1.36 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.11 1.95 0.00	32.54 1.79 0.00	35.08 1.88 0.00	45.17 2.18 0.00	47.46 2.34 0.00	52.15 2.54 0.00	41.85 1.93 0.00	41.51 1.77 0.00	34.35 1.46 0.00	28.36 1.22 0.00
RAVENSWOOD_GT_4 24252	22.59 1.00 0.00	22.22 1.00 0.00	21.55 0.94 0.00	20.86 0.98 0.00	20.97 0.99 0.00	27.32 1.23 0.00	35.05 1.60 0.00	42.07 1.91 0.00	33.46 1.49 0.00	30.73 1.43 0.00	24.06 1.25 0.00	23.52 1.35 0.00	24.67 1.51 0.00	30.02 1.80 0.00	34.09 1.93 0.00	32.53 1.78 0.00	35.07 1.87 0.00	45.17 2.17 0.00	47.45 2.33 0.00	52.15 2.54 0.00	41.83 1.91 0.00	41.50 1.76 0.00	34.34 1.45 0.00	28.35 1.21 0.00
RAVENSWOOD_GT_5 24254	22.59 1.00 0.00	22.22 1.00 0.00	21.55 0.94 0.00	20.86 0.98 0.00	20.97 0.99 0.00	27.32 1.23 0.00	35.05 1.60 0.00	42.07 1.91 0.00	33.46 1.49 0.00	30.73 1.43 0.00	24.06 1.25 0.00	23.52 1.35 0.00	24.67 1.51 0.00	30.02 1.80 0.00	34.09 1.93 0.00	32.53 1.78 0.00	35.07 1.87 0.00	45.17 2.17 0.00	47.45 2.33 0.00	52.15 2.54 0.00	41.83 1.91 0.00	41.50 1.76 0.00	34.34 1.45 0.00	28.35 1.21 0.00
RAVENSWOOD_GT_6 24253	22.59 1.00 0.00	22.22 1.00 0.00	21.55 0.94 0.00	20.86 0.98 0.00	20.97 0.99 0.00	27.32 1.23 0.00	35.05 1.60 0.00	42.07 1.91 0.00	33.46 1.49 0.00	30.73 1.43 0.00	24.06 1.25 0.00	23.52 1.35 0.00	24.67 1.51 0.00	30.02 1.80 0.00	34.09 1.93 0.00	32.53 1.78 0.00	35.07 1.87 0.00	45.17 2.17 0.00	47.45 2.33 0.00	52.15 2.54 0.00	41.83 1.91 0.00	41.50 1.76 0.00	34.34 1.45 0.00	28.35 1.21 0.00
RAVENSWOOD_GT_7 24255	22.59 1.00 0.00	22.22 1.00 0.00	21.55 0.94 0.00	20.86 0.98 0.00	20.97 0.99 0.00	27.32 1.23 0.00	35.05 1.60 0.00	42.07 1.91 0.00	33.46 1.49 0.00	30.73 1.43 0.00	24.06 1.25 0.00	23.52 1.35 0.00	24.67 1.51 0.00	30.02 1.80 0.00	34.09 1.93 0.00	32.53 1.78 0.00	35.07 1.87 0.00	45.17 2.17 0.00	47.45 2.33 0.00	52.15 2.54 0.00	41.83 1.91 0.00	41.50 1.76 0.00	34.34 1.45 0.00	28.35 1.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.75 1.44 0.00	24.07 1.25 0.00	23.53 1.36 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.11 1.95 0.00	32.54 1.79 0.00	35.08 1.88 0.00	45.17 2.18 0.00	47.46 2.34 0.00	52.15 2.54 0.00	41.85 1.93 0.00	41.51 1.77 0.00	34.35 1.46 0.00	28.36 1.22 0.00

RAVENSWOOD_GT_9 24257	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.62 0.00	42.09 1.93 0.00	33.48 1.50 0.00	30.75 1.44 0.00	24.07 1.25 0.00	23.53 1.36 0.00	24.69 1.52 0.00	30.03 1.81 0.00	34.11 1.95 0.00	32.54 1.79 0.00	35.08 1.88 0.00	45.17 2.18 0.00	47.46 2.34 0.00	52.15 2.54 0.00	41.85 1.93 0.00	41.51 1.77 0.00	34.35 1.46 0.00	28.36 1.22 0.00
RAVENSWOOD___1 23533	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.54 1.56 0.00	30.81 1.50 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
RAVENSWOOD___2 23534	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.54 1.56 0.00	30.81 1.50 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
RAVENSWOOD___3 23535	22.60 1.01 0.00	22.22 1.01 0.00	21.56 0.95 0.00	20.87 0.99 0.00	20.98 1.00 0.00	27.33 1.23 0.00	35.06 1.61 0.00	42.09 1.93 0.00	33.48 1.51 0.00	30.76 1.45 0.00	24.07 1.26 0.00	23.53 1.37 0.00	24.69 1.52 0.00	30.04 1.81 0.00	34.12 1.95 0.00	32.55 1.80 0.00	35.08 1.88 0.00	45.17 2.17 0.00	47.46 2.34 0.00	52.16 2.55 0.00	41.85 1.93 0.00	41.51 1.78 0.00	34.36 1.47 0.00	28.37 1.22 0.00
RAVENSWOOD___4 23820	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.09 1.64 0.00	42.13 1.97 0.00	33.54 1.56 0.00	30.81 1.50 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.73 1.57 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.89 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
RCPL_TRUST___DRP 24196	22.61 1.02 0.00	22.24 1.02 0.00	21.55 0.94 0.00	20.86 0.98 0.00	20.97 0.99 0.00	27.33 1.23 0.00	35.07 1.62 0.00	42.12 1.96 0.00	33.51 1.54 0.00	30.79 1.48 0.00	24.10 1.29 0.00	23.56 1.39 0.00	24.72 1.56 0.00	30.09 1.87 0.00	34.17 2.01 0.00	32.58 1.84 0.00	35.13 1.93 0.00	45.24 2.24 0.00	47.53 2.40 0.00	52.20 2.60 0.00	41.87 1.95 0.00	41.53 1.79 0.00	34.37 1.48 0.00	28.37 1.23 0.00
RED___ROCHESTER 323720	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.84 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.88 0.99 0.00	28.05 0.91 0.00
REGAN___SOLAR 323812	22.89 1.30 0.00	22.45 1.24 0.00	21.81 1.20 0.00	21.02 1.14 0.00	21.14 1.16 0.00	27.69 1.59 0.00	35.71 2.26 0.00	42.95 2.79 0.00	33.89 1.92 0.00	30.67 1.36 0.00	23.72 0.91 0.00	22.77 0.60 0.00	23.42 0.25 0.00	28.46 0.23 0.00	32.57 0.41 0.00	31.28 0.53 0.00	34.29 1.10 0.00	45.38 2.38 0.00	48.30 3.18 0.00	53.23 3.62 0.00	42.78 2.85 0.00	42.45 2.71 0.00	35.07 2.18 0.00	28.87 1.72 0.00
RENSSELAER___COGEN 23796	21.77 0.18 0.00	21.42 0.20 0.00	20.82 0.21 0.00	20.15 0.26 0.00	20.27 0.29 0.00	26.30 0.20 0.00	33.67 0.23 0.00	40.51 0.35 0.00	32.07 0.10 0.00	29.27 -0.04 0.00	22.82 0.00 0.00	22.17 0.01 0.00	23.17 0.01 0.00	28.21 -0.02 0.00	32.12 -0.04 0.00	30.83 0.08 0.00	33.35 0.16 0.00	43.28 0.28 0.00	45.67 0.55 0.00	50.25 0.64 0.00	40.44 0.51 0.00	40.05 0.31 0.00	33.09 0.20 0.00	27.30 0.16 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.98 2.39 0.00	23.53 2.31 0.00	22.73 2.12 0.00	22.11 2.23 0.00	22.40 2.41 0.00	29.33 3.23 0.00	37.09 3.64 0.00	44.91 4.74 0.00	35.31 3.33 0.00	32.03 2.72 0.00	24.88 2.07 0.00	24.01 1.85 0.00	25.16 2.00 0.00	30.37 2.14 0.00	34.71 2.54 0.00	33.81 3.07 0.00	37.41 4.22 0.00	48.86 5.87 0.00	51.84 6.71 0.00	57.12 7.52 0.00	45.74 5.82 0.00	44.79 5.05 0.00	36.80 3.91 0.00	30.39 3.25 0.00
REVERE_CPPR_DRP 24186	22.26 0.67 0.00	21.86 0.64 0.00	21.21 0.60 0.00	20.46 0.57 0.00	20.58 0.60 0.00	27.02 0.92 0.00	34.79 1.34 0.00	41.80 1.64 0.00	33.21 1.24 0.00	30.37 1.06 0.00	23.44 0.63 0.00	22.79 0.63 0.00	23.71 0.55 0.00	28.96 0.74 0.00	33.00 0.84 0.00	31.67 0.90 -0.03	34.39 1.19 0.00	45.29 1.81 -0.49	47.78 2.09 -0.57	52.80 2.41 -0.78	41.86 1.93 0.00	41.56 1.80 -0.01	34.24 1.35 0.00	28.14 1.00 0.00
REYNOLDS_115KV_TB3 80639	21.97 0.38 0.00	21.62 0.40 0.00	21.01 0.40 0.00	20.34 0.45 0.00	20.46 0.48 0.00	26.54 0.44 0.00	33.94 0.50 0.00	40.84 0.68 0.00	32.32 0.35 0.00	29.47 0.16 0.00	22.98 0.17 0.00	22.33 0.17 0.00	23.35 0.19 0.00	28.42 0.20 0.00	32.35 0.19 0.00	31.06 0.32 0.00	33.58 0.39 0.00	43.57 0.58 0.00	46.02 0.89 0.00	50.63 1.02 0.00	40.76 0.83 0.00	40.36 0.62 0.00	33.36 0.47 0.00	27.54 0.39 0.00
RIVERBAY____ 323610	22.65 1.06 0.00	22.23 1.01 0.00	21.63 1.02 0.00	20.94 1.05 0.00	21.07 1.09 0.00	27.29 1.19 0.00	35.16 1.71 0.00	42.15 1.99 0.00	33.54 1.57 0.00	30.77 1.47 0.00	24.09 1.27 0.00	23.52 1.35 0.00	24.68 1.52 0.00	30.04 1.81 0.00	34.11 1.95 0.00	32.45 1.70 0.00	34.97 1.77 0.00	45.22 2.23 0.00	47.50 2.38 0.00	52.27 2.66 0.00	42.00 2.07 0.00	41.65 1.91 0.00	34.39 1.50 0.00	28.45 1.30 0.00
RIVERSDE_115KV_TB3 55908	21.88 0.29 0.00	21.53 0.31 0.00	20.93 0.32 0.00	20.25 0.36 0.00	20.38 0.39 0.00	26.44 0.34 0.00	33.84 0.39 0.00	40.72 0.56 0.00	32.23 0.26 0.00	29.41 0.10 0.00	22.93 0.12 0.00	22.29 0.12 0.00	23.30 0.13 0.00	28.37 0.14 0.00	32.29 0.13 0.00	31.01 0.26 0.00	33.53 0.34 0.00	43.50 0.51 0.00	45.92 0.79 0.00	50.51 0.90 0.00	40.65 0.72 0.00	40.26 0.52 0.00	33.26 0.37 0.00	27.45 0.30 0.00
ROARING___BROOK_WT_PWR 323790	21.58 0.00 0.00	21.21 -0.01 0.00	20.60 -0.01 0.00	19.84 -0.05 0.00	19.92 -0.06 0.00	26.01 -0.09 0.00	33.35 -0.10 0.00	40.04 -0.13 0.00	31.86 -0.12 0.00	29.17 -0.14 0.00	22.71 -0.10 0.00	22.02 -0.14 0.00	22.98 -0.18 0.00	27.99 -0.23 0.00	31.95 -0.21 0.00	30.57 -0.18 0.00	32.98 -0.21 0.00	42.67 -0.33 0.00	44.73 -0.39 0.00	49.16 -0.44 0.00	39.61 -0.31 0.00	39.52 -0.22 0.00	32.65 -0.24 0.00	26.86 -0.29 0.00

ROCHESRG_115KV_T4 355643	21.84 0.26 0.00	21.39 0.17 0.00	20.76 0.14 0.00	19.93 0.04 0.00	20.01 0.03 0.00	26.58 0.49 0.00	33.96 0.52 0.00	40.38 0.22 0.00	32.40 0.42 0.00	29.94 0.63 0.00	23.30 0.48 0.00	22.59 0.42 0.00	23.56 0.40 0.00	28.79 0.56 0.00	32.88 0.72 0.00	31.28 0.54 0.00	33.54 0.35 0.00	43.50 0.51 0.00	45.61 0.49 0.00	50.12 0.52 0.00	40.35 0.43 0.00	40.24 0.50 0.00	33.40 0.51 0.00	27.68 0.54 0.00
ROCHESTER_9_IC 23652	21.99 0.40 0.00	21.53 0.31 0.00	20.88 0.27 0.00	20.05 0.16 0.00	20.13 0.15 0.00	26.76 0.66 0.00	34.21 0.76 0.00	40.68 0.52 0.00	32.64 0.67 0.00	30.16 0.85 0.00	23.47 0.66 0.00	22.76 0.59 0.00	23.74 0.58 0.00	29.00 0.78 0.00	33.15 0.98 0.00	31.54 0.79 0.00	33.82 0.62 0.00	43.89 0.89 0.00	46.01 0.88 0.00	50.56 0.96 0.00	40.69 0.77 0.00	40.56 0.82 0.00	33.64 0.75 0.00	27.88 0.73 0.00
ROCKVIEW_13_KV_LD 356306	22.54 0.96 0.00	22.16 0.94 0.00	21.47 0.86 0.00	20.79 0.90 0.00	20.90 0.92 0.00	27.25 1.15 0.00	34.95 1.51 0.00	42.01 1.85 0.00	33.42 1.44 0.00	30.65 1.34 0.00	24.00 1.18 0.00	23.43 1.27 0.00	24.57 1.41 0.00	29.92 1.70 0.00	34.00 1.84 0.00	32.43 1.68 0.00	34.99 1.79 0.00	45.10 2.10 0.00	47.42 2.30 0.00	52.12 2.51 0.00	41.81 1.89 0.00	41.46 1.72 0.00	34.30 1.41 0.00	28.29 1.15 0.00
ROME____115KV_TB2 80656	22.26 0.67 0.00	21.86 0.64 0.00	21.21 0.60 0.00	20.46 0.57 0.00	20.58 0.60 0.00	27.02 0.92 0.00	34.79 1.34 0.00	41.80 1.64 0.00	33.21 1.24 0.00	30.37 1.06 0.00	23.44 0.63 0.00	22.79 0.63 0.00	23.71 0.55 0.00	28.96 0.74 0.00	33.00 0.84 0.00	31.67 0.90 -0.03	34.39 1.19 0.00	45.29 1.81 -0.49	47.78 2.09 -0.57	52.80 2.41 -0.78	41.86 1.93 0.00	41.56 1.80 -0.01	34.24 1.35 0.00	28.14 1.00 0.00
ROSETON___1 23587	22.23 0.64 0.00	21.87 0.65 0.00	21.21 0.60 0.00	20.54 0.65 0.00	20.65 0.66 0.00	26.89 0.79 0.00	34.46 1.01 0.00	41.41 1.25 0.00	32.89 0.92 0.00	30.12 0.81 0.00	23.55 0.73 0.00	22.98 0.82 0.00	24.10 0.94 0.00	29.33 1.11 0.00	33.34 1.17 0.00	31.85 1.10 0.00	34.39 1.19 0.00	44.42 1.42 0.00	46.73 1.60 0.00	51.36 1.75 0.00	41.25 1.32 0.00	40.89 1.15 0.00	33.81 0.92 0.00	27.90 0.76 0.00
ROSETON___2 23588	22.23 0.64 0.00	21.87 0.65 0.00	21.21 0.60 0.00	20.54 0.65 0.00	20.65 0.66 0.00	26.89 0.79 0.00	34.46 1.01 0.00	41.41 1.25 0.00	32.89 0.92 0.00	30.12 0.81 0.00	23.55 0.73 0.00	22.98 0.82 0.00	24.10 0.94 0.00	29.33 1.11 0.00	33.34 1.17 0.00	31.85 1.10 0.00	34.39 1.19 0.00	44.42 1.42 0.00	46.73 1.60 0.00	51.36 1.75 0.00	41.25 1.32 0.00	40.89 1.15 0.00	33.81 0.92 0.00	27.90 0.76 0.00
ROTTDAM_115KV_TB3 80664	22.13 0.54 0.00	21.77 0.55 0.00	21.15 0.54 0.00	20.44 0.55 0.00	20.56 0.58 0.00	26.76 0.66 0.00	34.28 0.83 0.00	41.22 1.06 0.00	32.65 0.68 0.00	29.83 0.52 0.00	23.24 0.42 0.00	22.56 0.40 0.00	23.56 0.39 0.00	28.67 0.45 0.00	32.66 0.50 0.00	31.34 0.59 0.00	33.90 0.70 0.00	44.04 1.05 0.00	46.42 1.30 0.00	51.07 1.46 0.00	41.11 1.18 0.00	40.77 1.03 0.00	33.70 0.81 0.00	27.80 0.66 0.00
RUSSELL___1 23602	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.85 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.87 0.98 0.00	28.06 0.91 0.00
RUSSELL___2 23532	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.85 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.87 0.98 0.00	28.06 0.91 0.00
RUSSELL___3 23549	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.85 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.87 0.98 0.00	28.06 0.91 0.00
RUSSELL___4 23556	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.85 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.87 0.98 0.00	28.06 0.91 0.00
RUSSELL___STATION 23914	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.85 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.87 0.98 0.00	28.06 0.91 0.00
S SALMON___HYD 24043	21.48 -0.11 0.00	21.08 -0.14 0.00	20.47 -0.15 0.00	19.73 -0.16 0.00	19.84 -0.14 0.00	26.06 -0.04 0.00	33.54 0.09 0.00	40.24 0.08 0.00	31.96 -0.02 0.00	29.22 -0.09 0.00	22.55 -0.26 0.00	21.83 -0.33 0.00	22.74 -0.42 0.00	27.73 -0.49 0.00	31.63 -0.53 0.00	30.27 -0.60 -0.12	32.65 -0.54 0.00	44.65 -0.60 -2.26	47.47 -0.29 -2.64	53.06 -0.16 -3.62	40.11 0.18 0.00	39.94 0.14 -0.06	32.90 0.01 0.00	27.08 -0.07 0.00
S.PERRY__115KV_TB1 80734	22.48 0.89 0.00	21.98 0.76 0.00	21.29 0.68 0.00	20.47 0.58 0.00	20.56 0.58 0.00	27.44 1.34 0.00	35.21 1.76 0.00	42.00 1.84 0.00	33.43 1.46 0.00	31.10 1.79 0.00	24.19 1.38 0.00	23.54 1.38 0.00	24.56 1.40 0.00	30.07 1.85 0.00	34.22 2.06 0.00	32.10 1.36 0.00	34.49 1.29 0.00	45.06 2.07 0.00	47.60 2.48 0.00	52.48 2.88 0.00	42.19 2.27 0.00	42.01 2.27 0.00	34.76 1.87 0.00	28.73 1.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.74 0.16 0.00	21.27 0.05 0.00	20.64 0.03 0.00	19.76 -0.13 0.00	19.82 -0.16 0.00	26.55 0.45 0.00	33.71 0.26 0.00	39.70 -0.46 0.00	31.99 0.02 0.00	29.73 0.42 0.00	23.18 0.37 0.00	22.47 0.31 0.00	23.44 0.28 0.00	28.69 0.47 0.00	32.78 0.62 0.00	31.05 0.30 0.00	33.08 -0.12 0.00	42.73 -0.26 0.00	44.71 -0.41 0.00	49.07 -0.53 0.00	39.63 -0.30 0.00	39.75 0.01 0.00	33.13 0.24 0.00	27.62 0.47 0.00

SAWYER___23_KV_LOAD 55526	21.74 0.16 0.00	21.27 0.05 0.00	20.64 0.03 0.00	19.76 -0.13 0.00	19.82 -0.16 0.00	26.55 0.45 0.00	33.71 0.26 0.00	39.70 -0.46 0.00	31.99 0.02 0.00	29.73 0.42 0.00	23.18 0.37 0.00	22.47 0.31 0.00	23.44 0.28 0.00	28.69 0.47 0.00	32.78 0.62 0.00	31.05 0.30 0.00	33.08 -0.12 0.00	42.73 -0.26 0.00	44.71 -0.41 0.00	49.07 -0.53 0.00	39.63 -0.30 0.00	39.75 0.01 0.00	33.13 0.24 0.00	27.62 0.47 0.00
SELKIRK___I 23801	21.94 0.35 0.00	21.60 0.39 0.00	21.00 0.39 0.00	20.31 0.42 0.00	20.42 0.44 0.00	26.53 0.43 0.00	33.95 0.51 0.00	40.83 0.67 0.00	32.33 0.35 0.00	29.50 0.19 0.00	22.97 0.15 0.00	22.28 0.12 0.00	23.23 0.07 0.00	28.24 0.01 0.00	32.11 -0.06 0.00	30.81 0.07 0.00	33.44 0.24 0.00	43.45 0.46 0.00	45.93 0.81 0.00	50.53 0.92 0.00	40.67 0.75 0.00	40.33 0.59 0.00	33.33 0.44 0.00	27.51 0.37 0.00
SELKIRK___II 23799	21.83 0.25 0.00	21.49 0.28 0.00	20.89 0.28 0.00	20.21 0.32 0.00	20.33 0.35 0.00	26.39 0.29 0.00	33.79 0.34 0.00	40.65 0.49 0.00	32.20 0.22 0.00	29.40 0.09 0.00	22.90 0.09 0.00	22.25 0.09 0.00	23.24 0.08 0.00	28.29 0.07 0.00	32.20 0.04 0.00	30.90 0.15 0.00	33.44 0.25 0.00	43.40 0.40 0.00	45.81 0.68 0.00	50.39 0.79 0.00	40.56 0.63 0.00	40.19 0.45 0.00	33.21 0.31 0.00	27.39 0.25 0.00
SENECA OSWGO___HYD 24041	21.18 -0.41 0.00	20.78 -0.44 0.00	20.17 -0.44 0.00	19.46 -0.43 0.00	19.56 -0.42 0.00	25.66 -0.44 0.00	32.93 -0.52 0.00	39.52 -0.64 0.00	31.36 -0.61 0.00	28.82 -0.49 0.00	22.46 -0.35 0.00	21.83 -0.33 0.00	22.77 -0.39 0.00	27.78 -0.44 0.00	31.70 -0.47 0.00	30.42 -0.50 -0.17	32.70 -0.50 0.00	45.55 -0.61 -3.16	48.27 -0.56 -3.70	54.10 -0.58 -5.08	39.46 -0.47 0.00	39.31 -0.51 -0.08	32.45 -0.44 0.00	26.75 -0.40 0.00
SENECA___115KV_TB3 355854	21.93 0.34 0.00	21.45 0.23 0.00	20.81 0.19 0.00	19.93 0.04 0.00	20.00 0.01 0.00	26.81 0.71 0.00	34.07 0.62 0.00	40.15 -0.01 0.00	32.36 0.38 0.00	30.11 0.80 0.00	23.45 0.64 0.00	22.78 0.61 0.00	23.77 0.60 0.00	29.10 0.88 0.00	33.23 1.07 0.00	31.48 0.73 0.00	33.58 0.39 0.00	43.39 0.40 0.00	45.39 0.27 0.00	49.84 0.23 0.00	40.21 0.29 0.00	40.35 0.60 0.00	33.58 0.69 0.00	27.94 0.80 0.00
SENECA___ENERGY 23797	21.75 0.16 0.00	21.28 0.06 0.00	20.63 0.01 0.00	19.88 -0.01 0.00	19.98 0.00 0.00	26.41 0.31 0.00	33.90 0.45 0.00	40.61 0.45 0.00	32.53 0.55 0.00	30.05 0.74 0.00	23.31 0.50 0.00	22.62 0.46 0.00	23.60 0.44 0.00	28.81 0.59 0.00	32.87 0.71 0.00	31.40 0.58 -0.07	33.78 0.58 0.00	45.17 0.84 -1.33	47.57 0.89 -1.56	52.71 0.97 -2.14	40.66 0.74 0.00	40.41 0.64 -0.03	33.47 0.58 0.00	27.65 0.50 0.00
SHOEMAKER___GT 23640	22.14 0.56 0.00	21.78 0.56 0.00	21.12 0.51 0.00	20.43 0.54 0.00	20.53 0.55 0.00	26.79 0.70 0.00	34.36 0.91 0.00	41.28 1.12 0.00	32.79 0.82 0.00	30.04 0.73 0.00	23.46 0.65 0.00	22.87 0.71 0.00	23.95 0.79 0.00	29.14 0.92 0.00	33.14 0.98 0.00	31.66 0.92 0.00	34.24 1.05 0.00	44.31 1.31 0.00	46.61 1.49 0.00	51.24 1.63 0.00	41.16 1.24 0.00	40.80 1.06 0.00	33.74 0.85 0.00	27.83 0.68 0.00
SHOEMAKR_138KV_BK 111 55601	22.14 0.55 0.00	21.77 0.55 0.00	21.11 0.49 0.00	20.42 0.53 0.00	20.53 0.55 0.00	26.79 0.69 0.00	34.34 0.90 0.00	41.25 1.09 0.00	32.77 0.80 0.00	30.03 0.72 0.00	23.46 0.65 0.00	22.88 0.72 0.00	23.96 0.80 0.00	29.17 0.94 0.00	33.16 1.00 0.00	31.68 0.93 0.00	34.25 1.05 0.00	44.30 1.30 0.00	46.59 1.47 0.00	51.20 1.60 0.00	41.12 1.20 0.00	40.78 1.04 0.00	33.72 0.83 0.00	27.81 0.67 0.00
SHOREHAM_IC_1 23715	22.17 0.58 0.00	22.11 0.89 0.00	21.37 0.76 0.00	20.71 0.82 0.00	20.91 0.93 0.00	26.91 0.81 0.00	34.39 0.94 0.00	40.88 0.71 0.00	32.50 0.53 0.00	29.81 0.50 0.00	23.57 0.76 0.00	22.91 0.75 0.00	23.87 0.71 0.00	28.87 0.65 0.00	32.96 0.80 0.00	31.36 0.61 0.00	33.89 0.69 0.00	43.70 0.71 0.00	46.46 1.34 0.00	50.76 1.15 0.00	40.83 0.91 0.00	40.51 0.77 0.00	33.48 0.58 0.00	27.71 0.57 0.00
SHOREHAM_IC_2 23716	22.17 0.58 0.00	22.11 0.89 0.00	21.37 0.76 0.00	20.71 0.82 0.00	20.91 0.93 0.00	26.91 0.81 0.00	34.39 0.94 0.00	40.88 0.71 0.00	32.50 0.53 0.00	29.81 0.50 0.00	23.57 0.76 0.00	22.91 0.75 0.00	23.87 0.71 0.00	28.87 0.65 0.00	32.96 0.80 0.00	31.36 0.61 0.00	33.89 0.69 0.00	43.70 0.71 0.00	46.46 1.34 0.00	50.76 1.15 0.00	40.83 0.91 0.00	40.51 0.77 0.00	33.48 0.58 0.00	27.71 0.57 0.00
SISSONVILLE____ 23735	21.96 0.37 0.00	21.55 0.33 0.00	20.94 0.33 0.00	20.13 0.24 0.00	20.20 0.21 0.00	26.39 0.29 0.00	33.91 0.47 0.00	40.57 0.41 0.00	32.04 0.07 0.00	29.13 -0.18 0.00	22.62 -0.19 0.00	21.86 -0.30 0.00	22.71 -0.45 0.00	27.53 -0.70 0.00	31.49 -0.67 0.00	30.17 -0.59 -0.02	32.45 -0.74 0.00	42.47 -0.84 -0.31	44.68 -0.81 -0.37	49.36 -0.75 -0.50	39.62 -0.30 0.00	39.81 0.06 -0.01	33.08 0.19 0.00	27.39 0.25 0.00
SITHE_IND_GS1 24169	20.94 -0.65 0.00	20.56 -0.66 0.00	19.97 -0.65 0.00	19.26 -0.63 0.00	19.35 -0.63 0.00	25.36 -0.74 0.00	32.52 -0.93 0.00	39.00 -1.16 0.00	31.08 -0.89 0.00	28.59 -0.72 0.00	22.20 -0.61 0.00	21.56 -0.60 0.00	22.53 -0.63 0.00	27.49 -0.74 0.00	31.32 -0.84 0.00	29.42 -0.84 0.49	32.28 -0.92 0.00	32.69 -1.17 9.13	33.23 -1.20 10.69	33.64 -1.32 14.65	38.88 -1.05 0.00	38.45 -1.06 0.24	32.04 -0.85 0.00	26.43 -0.71 0.00
SITHE_IND_GS2 24170	20.94 -0.65 0.00	20.56 -0.66 0.00	19.97 -0.65 0.00	19.26 -0.63 0.00	19.35 -0.63 0.00	25.36 -0.74 0.00	32.52 -0.93 0.00	39.00 -1.16 0.00	31.08 -0.89 0.00	28.59 -0.72 0.00	22.20 -0.61 0.00	21.56 -0.60 0.00	22.53 -0.63 0.00	27.49 -0.74 0.00	31.32 -0.84 0.00	29.42 -0.84 0.49	32.28 -0.92 0.00	32.69 -1.17 9.13	33.23 -1.20 10.69	33.64 -1.32 14.65	38.88 -1.05 0.00	38.45 -1.06 0.24	32.04 -0.85 0.00	26.43 -0.71 0.00
SITHE_IND_GS3 24171	20.94 -0.65 0.00	20.56 -0.66 0.00	19.97 -0.65 0.00	19.26 -0.63 0.00	19.35 -0.63 0.00	25.36 -0.74 0.00	32.52 -0.93 0.00	39.00 -1.16 0.00	31.08 -0.89 0.00	28.59 -0.72 0.00	22.20 -0.61 0.00	21.56 -0.60 0.00	22.53 -0.63 0.00	27.49 -0.74 0.00	31.32 -0.84 0.00	29.42 -0.84 0.49	32.28 -0.92 0.00	32.69 -1.17 9.13	33.23 -1.20 10.69	33.64 -1.32 14.65	38.88 -1.05 0.00	38.45 -1.06 0.24	32.04 -0.85 0.00	26.43 -0.71 0.00
SITHE_IND_GS4 24172	20.94 -0.65 0.00	20.56 -0.66 0.00	19.97 -0.65 0.00	19.26 -0.63 0.00	19.35 -0.63 0.00	25.36 -0.74 0.00	32.52 -0.93 0.00	39.00 -1.16 0.00	31.08 -0.89 0.00	28.59 -0.72 0.00	22.20 -0.61 0.00	21.56 -0.60 0.00	22.53 -0.63 0.00	27.49 -0.74 0.00	31.32 -0.84 0.00	29.42 -0.84 0.49	32.28 -0.92 0.00	32.69 -1.17 9.13	33.23 -1.20 10.69	33.64 -1.32 14.65	38.88 -1.05 0.00	38.45 -1.06 0.24	32.04 -0.85 0.00	26.43 -0.71 0.00

SITHE___BATAVIA 24024	22.29 0.71 0.00	21.79 0.57 0.00	21.14 0.53 0.00	20.24 0.35 0.00	20.33 0.35 0.00	27.19 1.09 0.00	34.71 1.26 0.00	41.06 0.90 0.00	33.06 1.08 0.00	30.65 1.34 0.00	23.88 1.06 0.00	23.07 0.90 0.00	24.03 0.87 0.00	29.29 1.07 0.00	33.39 1.23 0.00	31.67 0.92 0.00	33.86 0.66 0.00	43.97 0.98 0.00	46.33 1.21 0.00	50.96 1.35 0.00	41.08 1.16 0.00	41.03 1.29 0.00	34.11 1.22 0.00	28.36 1.21 0.00
SITHE___INDEPEND 23800	20.94 -0.65 0.00	20.56 -0.66 0.00	19.97 -0.65 0.00	19.26 -0.63 0.00	19.35 -0.63 0.00	25.36 -0.74 0.00	32.51 -0.93 0.00	39.00 -1.16 0.00	31.08 -0.89 0.00	28.59 -0.72 0.00	22.20 -0.61 0.00	21.56 -0.60 0.00	22.53 -0.63 0.00	27.49 -0.74 0.00	31.32 -0.85 0.00	29.42 -0.84 0.49	32.28 -0.91 0.00	32.68 -1.18 9.13	33.23 -1.20 10.69	33.64 -1.31 14.65	38.87 -1.05 0.00	38.45 -1.06 0.24	32.04 -0.85 0.00	26.43 -0.71 0.00
SITHE___MASSENA 23902	21.86 0.27 0.00	21.46 0.24 0.00	20.85 0.24 0.00	20.05 0.16 0.00	20.11 0.13 0.00	26.27 0.17 0.00	33.72 0.27 0.00	40.45 0.28 0.00	32.17 0.19 0.00	29.37 0.06 0.00	22.86 0.05 0.00	22.14 -0.02 0.00	23.04 -0.12 0.00	28.03 -0.20 0.00	32.03 -0.13 0.00	30.67 -0.08 0.00	33.05 -0.15 0.00	42.80 -0.20 0.00	44.84 -0.29 0.00	49.32 -0.29 0.00	39.78 -0.15 0.00	39.87 0.13 0.00	33.05 0.16 0.00	27.31 0.17 0.00
SITHE___OGDNSBRG 24021	22.23 0.64 0.00	21.81 0.59 0.00	21.19 0.58 0.00	20.38 0.49 0.00	20.44 0.46 0.00	26.75 0.66 0.00	34.40 0.95 0.00	41.23 1.07 0.00	32.58 0.60 0.00	29.44 0.13 0.00	22.85 0.04 0.00	22.10 -0.07 0.00	22.97 -0.19 0.00	27.89 -0.33 0.00	31.92 -0.24 0.00	30.56 -0.18 0.00	32.95 -0.25 0.00	42.90 -0.10 0.00	45.39 0.26 0.00	50.15 0.54 0.00	40.50 0.58 0.00	40.62 0.88 0.00	33.64 0.75 0.00	27.80 0.66 0.00
SITHE___STERLING 23777	22.07 0.49 0.00	21.67 0.45 0.00	21.03 0.42 0.00	20.29 0.40 0.00	20.41 0.43 0.00	26.78 0.68 0.00	34.45 1.00 0.00	41.38 1.22 0.00	32.91 0.93 0.00	30.14 0.83 0.00	23.29 0.48 0.00	22.65 0.49 0.00	23.62 0.46 0.00	28.83 0.60 0.00	32.86 0.70 0.00	31.50 0.72 -0.03	34.12 0.92 0.00	44.92 1.40 -0.52	47.39 1.65 -0.61	52.30 1.86 -0.84	41.39 1.46 0.00	41.10 1.35 -0.01	33.90 1.01 0.00	27.89 0.75 0.00
SLEIGHT__34_KV_TB1 80719	21.96 0.38 0.00	21.50 0.29 0.00	20.86 0.25 0.00	20.06 0.17 0.00	20.16 0.18 0.00	26.69 0.59 0.00	34.23 0.78 0.00	40.85 0.68 0.00	32.74 0.77 0.00	30.21 0.90 0.00	23.52 0.71 0.00	22.80 0.63 0.00	23.82 0.65 0.00	29.07 0.85 0.00	33.19 1.03 0.00	31.63 0.87 -0.02	34.01 0.82 0.00	44.53 1.15 -0.38	46.74 1.17 -0.45	51.52 1.29 -0.62	40.93 1.00 0.00	40.72 0.97 -0.01	33.71 0.82 0.00	27.87 0.72 0.00
SOUTH CAIRO___GT 23612	22.49 0.90 0.00	22.10 0.88 0.00	21.47 0.86 0.00	20.77 0.88 0.00	20.91 0.93 0.00	27.19 1.10 0.00	34.96 1.52 0.00	42.19 2.02 0.00	33.33 1.36 0.00	30.29 0.98 0.00	23.42 0.61 0.00	22.66 0.50 0.00	23.48 0.32 0.00	28.57 0.35 0.00	32.55 0.39 0.00	31.36 0.61 0.00	34.28 1.09 0.00	44.93 1.94 0.00	47.83 2.71 0.00	52.74 3.14 0.00	42.36 2.44 0.00	41.83 2.09 0.00	34.40 1.51 0.00	28.29 1.14 0.00
SOUTH HAMPTN___IC 23720	22.40 0.81 0.00	22.33 1.11 0.00	21.61 1.00 0.00	20.94 1.05 0.00	21.13 1.15 0.00	27.24 1.15 0.00	34.84 1.40 0.00	41.42 1.26 0.00	32.89 0.92 0.00	30.15 0.84 0.00	23.90 1.08 0.00	23.20 1.04 0.00	24.19 1.03 0.00	29.26 1.04 0.00	33.43 1.27 0.00	31.80 1.05 0.00	34.38 1.18 0.00	44.32 1.33 0.00	47.07 1.95 0.00	51.40 1.80 0.00	41.29 1.37 0.00	40.92 1.17 0.00	33.87 0.98 0.00	28.04 0.90 0.00
SOUTHDOW_115KV_TB1 355954	22.46 0.87 0.00	21.94 0.73 0.00	21.25 0.64 0.00	20.45 0.56 0.00	20.55 0.57 0.00	27.68 1.59 0.00	35.69 2.24 0.00	42.52 2.36 0.00	34.23 2.26 0.00	31.98 2.67 0.00	24.77 1.96 0.00	24.22 2.06 0.00	25.33 2.17 0.00	31.02 2.80 0.00	35.28 3.12 0.00	33.33 2.58 0.00	35.70 2.50 0.00	46.21 3.22 0.00	48.32 3.20 0.00	53.05 3.45 0.00	42.73 2.80 0.00	42.77 3.03 0.00	35.49 2.60 0.00	29.33 2.19 0.00
SOUTHOLD_69_KV_BK 2 55809	22.63 1.04 0.00	22.57 1.35 0.00	21.88 1.27 0.00	21.21 1.32 0.00	21.37 1.39 0.00	27.61 1.51 0.00	35.32 1.87 0.00	41.99 1.83 0.00	33.29 1.32 0.00	30.40 1.09 0.00	24.19 1.37 0.00	23.46 1.30 0.00	24.44 1.28 0.00	29.59 1.37 0.00	33.82 1.65 0.00	32.17 1.43 0.00	34.87 1.67 0.00	44.97 1.98 0.00	47.77 2.64 0.00	52.09 2.48 0.00	41.74 1.82 0.00	41.29 1.55 0.00	34.26 1.37 0.00	28.39 1.25 0.00
SOUTHOLD___IC 23719	22.63 1.04 0.00	22.57 1.36 0.00	21.89 1.27 0.00	21.21 1.32 0.00	21.37 1.39 0.00	27.61 1.51 0.00	35.32 1.87 0.00	42.00 1.84 0.00	33.29 1.32 0.00	30.40 1.09 0.00	24.19 1.38 0.00	23.46 1.30 0.00	24.45 1.29 0.00	29.59 1.37 0.00	33.82 1.65 0.00	32.17 1.43 0.00	34.86 1.67 0.00	44.97 1.98 0.00	47.77 2.64 0.00	52.08 2.48 0.00	41.75 1.83 0.00	41.29 1.55 0.00	34.26 1.37 0.00	28.39 1.25 0.00
SOUTH_FORK_WT_PWR 323839	22.62 1.03 0.00	22.57 1.35 0.00	21.92 1.30 0.00	21.24 1.35 0.00	21.38 1.40 0.00	27.63 1.53 0.00	35.33 1.88 0.00	42.01 1.84 0.00	33.24 1.27 0.00	30.28 0.97 0.00	24.16 1.34 0.00	23.41 1.25 0.00	24.41 1.25 0.00	29.55 1.33 0.00	33.76 1.60 0.00	32.11 1.37 0.00	34.86 1.66 0.00	44.92 1.93 0.00	47.71 2.58 0.00	51.98 2.37 0.00	41.63 1.71 0.00	41.11 1.38 0.00	34.21 1.32 0.00	28.39 1.25 0.00
SPIERFLS_115KV_TB 1 80737	22.67 1.08 0.00	22.28 1.07 0.00	21.62 1.01 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.49 1.39 0.00	35.13 1.68 0.00	42.34 2.18 0.00	33.47 1.50 0.00	30.50 1.19 0.00	23.72 0.91 0.00	22.95 0.79 0.00	24.04 0.88 0.00	29.16 0.94 0.00	33.29 1.12 0.00	32.14 1.39 0.00	34.96 1.77 0.00	45.56 2.56 0.00	48.12 3.00 0.00	52.99 3.38 0.00	42.59 2.66 0.00	42.04 2.31 0.00	34.63 1.74 0.00	28.56 1.42 0.00
ST LAWRENCE____ 23600	21.59 0.00 0.00	21.20 -0.02 0.00	20.60 -0.01 0.00	19.82 -0.07 0.00	19.87 -0.11 0.00	25.95 -0.15 0.00	33.28 -0.17 0.00	39.96 -0.20 0.00	31.82 -0.15 0.00	29.11 -0.20 0.00	22.67 -0.14 0.00	21.95 -0.21 0.00	22.89 -0.28 0.00	27.87 -0.35 0.00	31.86 -0.30 0.00	30.49 -0.26 0.00	32.87 -0.33 0.00	42.54 -0.45 0.00	44.51 -0.61 0.00	48.92 -0.69 0.00	39.39 -0.53 0.00	39.44 -0.31 0.00	32.67 -0.22 0.00	26.99 -0.16 0.00
STATE_CA_115KV_115_LB 55624	21.89 0.30 0.00	21.55 0.33 0.00	20.93 0.32 0.00	20.25 0.36 0.00	20.38 0.39 0.00	26.46 0.36 0.00	33.88 0.43 0.00	40.77 0.61 0.00	32.30 0.32 0.00	29.48 0.17 0.00	22.99 0.18 0.00	22.33 0.17 0.00	23.35 0.18 0.00	28.43 0.21 0.00	32.39 0.22 0.00	31.10 0.35 0.00	33.64 0.44 0.00	43.65 0.65 0.00	46.04 0.91 0.00	50.64 1.03 0.00	40.73 0.81 0.00	40.33 0.59 0.00	33.31 0.42 0.00	27.47 0.33 0.00

STATE_ST_34_KV_LOAD 55959	21.74 0.15 0.00	21.24 0.02 0.00	20.60 -0.01 0.00	19.87 -0.02 0.00	19.97 -0.01 0.00	26.29 0.20 0.00	33.73 0.28 0.00	40.42 0.26 0.00	32.42 0.44 0.00	29.82 0.51 0.00	23.19 0.37 0.00	22.39 0.23 0.00	23.47 0.31 0.00	28.67 0.45 0.00	32.69 0.53 0.00	31.28 0.45 -0.08	33.68 0.48 0.00	45.30 0.73 -1.58	47.58 0.60 -1.85	52.99 0.85 -2.53	40.58 0.65 0.00	40.26 0.48 -0.04	33.37 0.48 0.00	27.54 0.40 0.00
STATION 5_MISC_HYD 23604	21.99 0.40 0.00	21.53 0.31 0.00	20.88 0.27 0.00	20.05 0.16 0.00	20.13 0.15 0.00	26.76 0.66 0.00	34.20 0.76 0.00	40.67 0.51 0.00	32.63 0.66 0.00	30.16 0.85 0.00	23.48 0.66 0.00	22.76 0.59 0.00	23.74 0.58 0.00	29.00 0.78 0.00	33.15 0.98 0.00	31.54 0.79 0.00	33.82 0.62 0.00	43.89 0.89 0.00	46.01 0.88 0.00	50.55 0.95 0.00	40.69 0.77 0.00	40.56 0.82 0.00	33.64 0.76 0.00	27.88 0.73 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.07 0.49 0.00	21.61 0.39 0.00	20.95 0.34 0.00	20.15 0.26 0.00	20.25 0.27 0.00	26.85 0.75 0.00	34.41 0.96 0.00	41.09 0.93 0.00	32.95 0.98 0.00	30.43 1.12 0.00	23.66 0.85 0.00	22.95 0.78 0.00	23.92 0.76 0.00	29.21 0.99 0.00	33.36 1.20 0.00	31.87 1.10 -0.02	34.26 1.07 0.00	44.88 1.49 -0.39	47.05 1.47 -0.46	51.80 1.57 -0.63	41.14 1.21 0.00	40.94 1.19 -0.01	33.91 1.02 0.00	28.03 0.88 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.97 0.38 0.00	21.51 0.29 0.00	20.86 0.25 0.00	20.03 0.14 0.00	20.12 0.14 0.00	26.71 0.62 0.00	34.17 0.72 0.00	40.68 0.52 0.00	32.63 0.66 0.00	30.15 0.84 0.00	23.47 0.66 0.00	22.75 0.59 0.00	23.74 0.58 0.00	29.00 0.77 0.00	33.15 0.98 0.00	31.54 0.80 0.00	33.84 0.65 0.00	43.91 0.91 0.00	46.05 0.92 0.00	50.60 0.99 0.00	40.70 0.78 0.00	40.56 0.82 0.00	33.63 0.74 0.00	27.85 0.71 0.00
STA_56___34_KV_BUS2 355983	21.97 0.38 0.00	21.51 0.29 0.00	20.86 0.25 0.00	20.03 0.14 0.00	20.12 0.14 0.00	26.71 0.62 0.00	34.17 0.72 0.00	40.68 0.52 0.00	32.63 0.66 0.00	30.15 0.84 0.00	23.47 0.66 0.00	22.75 0.59 0.00	23.74 0.58 0.00	29.00 0.77 0.00	33.15 0.98 0.00	31.54 0.80 0.00	33.84 0.65 0.00	43.91 0.91 0.00	46.05 0.92 0.00	50.60 0.99 0.00	40.70 0.78 0.00	40.56 0.82 0.00	33.63 0.74 0.00	27.85 0.71 0.00
STA_67___115KV_BK2 355882	21.93 0.35 0.00	21.47 0.25 0.00	20.83 0.22 0.00	20.00 0.11 0.00	20.09 0.10 0.00	26.69 0.59 0.00	34.11 0.66 0.00	40.56 0.40 0.00	32.54 0.57 0.00	30.07 0.76 0.00	23.41 0.59 0.00	22.69 0.53 0.00	23.67 0.50 0.00	28.91 0.69 0.00	33.04 0.88 0.00	31.43 0.69 0.00	33.71 0.51 0.00	43.73 0.74 0.00	45.85 0.72 0.00	50.39 0.78 0.00	40.56 0.63 0.00	40.43 0.69 0.00	33.54 0.65 0.00	27.80 0.66 0.00
STA_7___115KV_9TRANS 80674	22.13 0.54 0.00	21.65 0.44 0.00	21.00 0.39 0.00	20.16 0.27 0.00	20.25 0.27 0.00	26.91 0.82 0.00	34.42 0.97 0.00	40.93 0.77 0.00	32.85 0.87 0.00	30.35 1.04 0.00	23.63 0.82 0.00	22.91 0.75 0.00	23.90 0.74 0.00	29.20 0.98 0.00	33.38 1.22 0.00	31.76 1.02 0.00	34.07 0.87 0.00	44.23 1.24 0.00	46.38 1.25 0.00	50.97 1.36 0.00	41.01 1.09 0.00	40.86 1.12 0.00	33.87 0.98 0.00	28.06 0.91 0.00
STA_82___115KV_TB1 80780	21.95 0.36 0.00	21.48 0.26 0.00	20.84 0.23 0.00	20.01 0.12 0.00	20.10 0.11 0.00	26.70 0.60 0.00	34.13 0.68 0.00	40.60 0.44 0.00	32.57 0.60 0.00	30.09 0.78 0.00	23.42 0.61 0.00	22.71 0.54 0.00	23.68 0.52 0.00	28.93 0.71 0.00	33.06 0.90 0.00	31.46 0.71 0.00	33.74 0.54 0.00	43.76 0.77 0.00	45.89 0.76 0.00	50.43 0.82 0.00	40.59 0.66 0.00	40.46 0.73 0.00	33.57 0.68 0.00	27.81 0.67 0.00
STEEL___WIND 323596	21.89 0.31 0.00	21.44 0.22 0.00	20.78 0.17 0.00	19.91 0.02 0.00	19.97 -0.01 0.00	26.80 0.70 0.00	34.03 0.59 0.00	40.11 -0.05 0.00	32.31 0.33 0.00	30.06 0.75 0.00	23.42 0.60 0.00	22.73 0.57 0.00	23.73 0.57 0.00	29.05 0.83 0.00	33.17 1.01 0.00	31.42 0.67 0.00	33.54 0.34 0.00	43.31 0.32 0.00	45.32 0.20 0.00	49.77 0.17 0.00	40.16 0.24 0.00	40.32 0.57 0.00	33.55 0.65 0.00	27.92 0.78 0.00
STEPHTWN_115KV_BK_2 55603	21.92 0.34 0.00	21.61 0.39 0.00	20.96 0.35 0.00	20.31 0.42 0.00	20.41 0.43 0.00	26.56 0.46 0.00	34.03 0.59 0.00	40.96 0.80 0.00	32.38 0.40 0.00	29.65 0.34 0.00	23.05 0.23 0.00	22.35 0.18 0.00	23.38 0.22 0.00	28.51 0.29 0.00	32.46 0.30 0.00	31.16 0.42 0.00	33.77 0.57 0.00	43.87 0.88 0.00	46.23 1.11 0.00	50.81 1.20 0.00	40.85 0.93 0.00	40.42 0.68 0.00	33.37 0.47 0.00	27.52 0.38 0.00
STEUBEN_REC_LFGE 323667	22.54 0.95 0.00	22.05 0.83 0.00	21.31 0.70 0.00	20.56 0.68 0.00	20.65 0.67 0.00	27.70 1.60 0.00	35.62 2.18 0.00	42.68 2.52 0.00	34.05 2.07 0.00	31.43 2.12 0.00	24.28 1.46 0.00	23.53 1.37 0.00	24.45 1.29 0.00	30.01 1.78 0.00	34.21 2.04 0.00	32.39 1.62 -0.03	34.81 1.62 0.00	46.15 2.64 -0.51	48.72 3.00 -0.60	53.61 3.18 -0.82	42.10 2.18 0.00	42.23 2.48 -0.01	35.01 2.12 0.00	28.78 1.64 0.00
STILLWATER___SOLAR 323814	22.54 0.95 0.00	22.17 0.95 0.00	21.52 0.91 0.00	20.83 0.94 0.00	20.97 0.99 0.00	27.28 1.18 0.00	34.91 1.46 0.00	42.01 1.85 0.00	33.22 1.24 0.00	30.25 0.94 0.00	23.53 0.71 0.00	22.78 0.62 0.00	23.81 0.65 0.00	28.96 0.74 0.00	33.05 0.89 0.00	31.83 1.08 0.00	34.53 1.33 0.00	44.97 1.97 0.00	47.53 2.41 0.00	52.31 2.70 0.00	42.06 2.14 0.00	41.63 1.89 0.00	34.34 1.45 0.00	28.32 1.18 0.00
STONY___BROOK 24151	22.59 1.00 0.00	22.34 1.12 0.00	21.60 0.99 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.44 1.34 0.00	35.16 1.71 0.00	41.88 1.72 0.00	33.33 1.36 0.00	30.62 1.31 0.00	24.15 1.33 0.00	23.51 1.35 0.00	24.57 1.41 0.00	29.71 1.48 0.00	33.87 1.71 0.00	32.25 1.51 0.00	34.78 1.59 0.00	44.63 1.63 0.00	47.07 1.94 0.00	51.65 2.04 0.00	41.50 1.58 0.00	41.35 1.61 0.00	34.27 1.38 0.00	28.27 1.12 0.00
STURGEON_POOL_HYD 23609	22.20 0.62 0.00	21.85 0.63 0.00	21.20 0.59 0.00	20.51 0.63 0.00	20.61 0.63 0.00	26.86 0.76 0.00	34.43 0.98 0.00	41.39 1.23 0.00	32.95 0.98 0.00	30.22 0.92 0.00	23.64 0.82 0.00	23.06 0.90 0.00	24.24 1.08 0.00	29.53 1.31 0.00	33.58 1.42 0.00	32.03 1.28 0.00	34.56 1.37 0.00	44.58 1.59 0.00	46.79 1.66 0.00	51.42 1.82 0.00	41.29 1.36 0.00	40.94 1.20 0.00	33.85 0.97 0.00	27.92 0.77 0.00
ST_LAW_115_BK7_LBMP 345037	21.60 0.01 0.00	21.21 -0.01 0.00	20.61 0.00 0.00	19.82 -0.07 0.00	19.87 -0.11 0.00	25.96 -0.14 0.00	33.28 -0.17 0.00	39.96 -0.20 0.00	31.82 -0.15 0.00	29.09 -0.22 0.00	22.66 -0.16 0.00	21.94 -0.22 0.00	22.86 -0.30 0.00	27.84 -0.38 0.00	31.83 -0.34 0.00	30.45 -0.30 0.00	32.82 -0.37 0.00	42.49 -0.50 0.00	44.46 -0.66 0.00	48.87 -0.74 0.00	39.36 -0.56 0.00	39.43 -0.31 0.00	32.67 -0.23 0.00	26.99 -0.16 0.00

ST_LAW_115_BK8_LBMP 345038	21.60 0.01 0.00	21.21 -0.01 0.00	20.61 0.00 0.00	19.82 -0.07 0.00	19.87 -0.11 0.00	25.96 -0.14 0.00	33.28 -0.17 0.00	39.96 -0.20 0.00	31.82 -0.15 0.00	29.09 -0.22 0.00	22.66 -0.16 0.00	21.94 -0.22 0.00	22.86 -0.30 0.00	27.84 -0.38 0.00	31.83 -0.34 0.00	30.45 -0.30 0.00	32.82 -0.37 0.00	42.49 -0.50 0.00	44.46 -0.66 0.00	48.87 -0.74 0.00	39.36 -0.56 0.00	39.43 -0.31 0.00	32.67 -0.23 0.00	26.99 -0.16 0.00
ST_LAW_230_BK5_LBMP 345035	21.59 0.00 0.00	21.20 -0.02 0.00	20.60 -0.01 0.00	19.82 -0.07 0.00	19.87 -0.11 0.00	25.95 -0.15 0.00	33.28 -0.17 0.00	39.96 -0.20 0.00	31.82 -0.15 0.00	29.11 -0.20 0.00	22.67 -0.14 0.00	21.95 -0.21 0.00	22.89 -0.28 0.00	27.87 -0.35 0.00	31.86 -0.30 0.00	30.49 -0.26 0.00	32.87 -0.33 0.00	42.54 -0.45 0.00	44.51 -0.61 0.00	48.92 -0.69 0.00	39.39 -0.53 0.00	39.44 -0.31 0.00	32.67 -0.22 0.00	26.99 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	21.59 0.00 0.00	21.20 -0.02 0.00	20.60 -0.01 0.00	19.82 -0.07 0.00	19.87 -0.11 0.00	25.95 -0.15 0.00	33.28 -0.17 0.00	39.96 -0.20 0.00	31.82 -0.15 0.00	29.11 -0.20 0.00	22.67 -0.14 0.00	21.95 -0.21 0.00	22.89 -0.28 0.00	27.87 -0.35 0.00	31.86 -0.30 0.00	30.49 -0.26 0.00	32.87 -0.33 0.00	42.54 -0.45 0.00	44.51 -0.61 0.00	48.92 -0.69 0.00	39.39 -0.53 0.00	39.44 -0.31 0.00	32.67 -0.22 0.00	26.99 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.20 0.62 0.00	21.82 0.61 0.00	21.15 0.54 0.00	20.48 0.59 0.00	20.58 0.60 0.00	26.87 0.77 0.00	34.46 1.01 0.00	41.38 1.22 0.00	32.88 0.90 0.00	30.13 0.82 0.00	23.55 0.74 0.00	22.99 0.83 0.00	24.11 0.95 0.00	29.36 1.14 0.00	33.37 1.20 0.00	31.87 1.13 0.00	34.42 1.22 0.00	44.49 1.49 0.00	46.78 1.66 0.00	51.40 1.80 0.00	41.26 1.33 0.00	40.88 1.14 0.00	33.81 0.92 0.00	27.89 0.75 0.00
SWANROAD_115KV_TB1 355699	21.45 -0.14 0.00	20.99 -0.23 0.00	20.39 -0.22 0.00	19.49 -0.40 0.00	19.56 -0.43 0.00	26.19 0.09 0.00	33.22 -0.23 0.00	38.93 -1.23 0.00	31.35 -0.63 0.00	29.11 -0.20 0.00	22.73 -0.09 0.00	22.00 -0.17 0.00	22.92 -0.24 0.00	28.02 -0.20 0.00	32.00 -0.16 0.00	30.35 -0.40 0.00	32.23 -0.97 0.00	41.60 -1.40 0.00	43.56 -1.56 0.00	47.82 -1.79 0.00	38.66 -1.26 0.00	38.85 -0.90 0.00	32.51 -0.38 0.00	27.21 0.06 0.00
SYNERGY___BIOGAS 323694	22.29 0.71 0.00	21.79 0.57 0.00	21.14 0.53 0.00	20.24 0.35 0.00	20.33 0.35 0.00	27.19 1.09 0.00	34.71 1.26 0.00	41.06 0.90 0.00	33.06 1.08 0.00	30.65 1.34 0.00	23.88 1.06 0.00	23.07 0.90 0.00	24.03 0.87 0.00	29.29 1.07 0.00	33.39 1.23 0.00	31.67 0.92 0.00	33.86 0.66 0.00	43.97 0.98 0.00	46.33 1.21 0.00	50.96 1.35 0.00	41.08 1.16 0.00	41.03 1.29 0.00	34.11 1.22 0.00	28.36 1.21 0.00
SYRACUSE___ENERGY_ST1 323597	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.18 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.08 -0.08 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00
SYRACUSE___ENERGY_ST2 323598	21.48 -0.11 0.00	21.06 -0.15 0.00	20.43 -0.18 0.00	19.71 -0.17 0.00	19.83 -0.15 0.00	26.05 -0.05 0.00	33.41 -0.04 0.00	40.08 -0.08 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.85 0.03 0.00	22.17 0.00 0.00	23.18 0.02 0.00	28.29 0.07 0.00	32.27 0.11 0.00	30.89 0.05 -0.09	33.27 0.07 0.00	44.91 0.14 -1.77	47.35 0.15 -2.07	52.63 0.18 -2.84	40.04 0.12 0.00	39.85 0.07 -0.05	32.94 0.05 0.00	27.16 0.01 0.00
SYRACUSE___POWER 24017	21.49 -0.10 0.00	21.08 -0.14 0.00	20.45 -0.16 0.00	19.73 -0.15 0.00	19.84 -0.15 0.00	26.05 -0.04 0.00	33.44 -0.01 0.00	40.13 -0.03 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.86 0.04 0.00	22.20 0.03 0.00	23.20 0.04 0.00	28.32 0.10 0.00	32.28 0.12 0.00	30.87 0.06 -0.06	33.27 0.08 0.00	44.29 0.14 -1.16	46.69 0.21 -1.36	51.68 0.22 -1.86	40.06 0.14 0.00	39.87 0.10 -0.03	32.98 0.09 0.00	27.18 0.04 0.00
TALLMAN___138KV_BK151 55660	22.26 0.68 0.00	21.88 0.66 0.00	21.19 0.58 0.00	20.53 0.64 0.00	20.64 0.66 0.00	26.96 0.86 0.00	34.60 1.15 0.00	41.50 1.34 0.00	32.96 0.99 0.00	30.22 0.91 0.00	23.63 0.82 0.00	23.10 0.94 0.00	24.27 1.11 0.00	29.56 1.34 0.00	33.57 1.40 0.00	32.03 1.28 0.00	34.57 1.38 0.00	44.66 1.67 0.00	46.94 1.82 0.00	51.58 1.97 0.00	41.36 1.43 0.00	40.97 1.23 0.00	33.90 1.01 0.00	27.96 0.82 0.00
TEALLAVE_115KV_TB7 355573	21.39 -0.20 0.00	20.99 -0.23 0.00	20.36 -0.25 0.00	19.65 -0.24 0.00	19.75 -0.23 0.00	25.93 -0.17 0.00	33.28 -0.17 0.00	39.93 -0.23 0.00	31.87 -0.10 0.00	29.33 0.02 0.00	22.75 -0.06 0.00	22.10 -0.06 0.00	23.11 -0.06 0.00	28.20 -0.02 0.00	32.14 -0.02 0.00	30.73 -0.07 -0.05	33.11 -0.09 0.00	43.85 -0.10 -0.96	46.18 -0.07 -1.12	51.06 -0.09 -1.54	39.83 -0.10 0.00	39.63 -0.13 -0.03	32.81 -0.08 0.00	27.05 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	21.91 0.32 0.00	21.43 0.21 0.00	20.80 0.19 0.00	19.91 0.02 0.00	19.98 0.00 0.00	26.75 0.65 0.00	34.02 0.58 0.00	40.08 -0.08 0.00	32.28 0.31 0.00	29.96 0.65 0.00	23.37 0.55 0.00	22.61 0.44 0.00	23.55 0.39 0.00	28.79 0.56 0.00	32.87 0.71 0.00	31.18 0.44 0.00	33.21 0.02 0.00	42.99 -0.01 0.00	45.10 -0.03 0.00	49.55 -0.06 0.00	39.99 0.07 0.00	40.06 0.32 0.00	33.39 0.50 0.00	27.83 0.69 0.00
TEMPLE___115KV_TB 2 55572	21.40 -0.19 0.00	20.99 -0.22 0.00	20.38 -0.23 0.00	19.66 -0.23 0.00	19.76 -0.22 0.00	25.95 -0.15 0.00	33.30 -0.15 0.00	39.94 -0.22 0.00	31.88 -0.09 0.00	29.35 0.04 0.00	22.77 -0.04 0.00	22.12 -0.04 0.00	23.13 -0.03 0.00	28.23 0.01 0.00	32.17 0.01 0.00	30.76 -0.04 -0.05	33.14 -0.06 0.00	43.89 -0.06 -0.96	46.22 -0.03 -1.12	51.08 -0.06 -1.54	39.85 -0.07 0.00	39.66 -0.11 -0.03	32.82 -0.07 0.00	27.06 -0.08 0.00
TIANA____69_KV_BK 1 55817	22.35 0.76 0.00	22.27 1.06 0.00	21.55 0.94 0.00	20.89 1.00 0.00	21.07 1.09 0.00	27.17 1.07 0.00	34.75 1.30 0.00	41.31 1.15 0.00	32.82 0.85 0.00	30.11 0.80 0.00	23.84 1.03 0.00	23.16 0.99 0.00	24.12 0.96 0.00	29.19 0.96 0.00	33.34 1.18 0.00	31.72 0.98 0.00	34.28 1.09 0.00	44.20 1.21 0.00	46.95 1.83 0.00	51.30 1.69 0.00	41.22 1.29 0.00	40.87 1.12 0.00	33.81 0.92 0.00	27.97 0.83 0.00
TILDEN___115KV_TB1 80814	21.49 -0.10 0.00	21.08 -0.14 0.00	20.45 -0.16 0.00	19.73 -0.15 0.00	19.84 -0.15 0.00	26.05 -0.04 0.00	33.44 -0.01 0.00	40.13 -0.03 0.00	32.02 0.05 0.00	29.46 0.15 0.00	22.86 0.04 0.00	22.20 0.03 0.00	23.20 0.04 0.00	28.32 0.10 0.00	32.28 0.12 0.00	30.87 0.06 -0.06	33.27 0.08 0.00	44.29 0.14 -1.16	46.69 0.21 -1.36	51.68 0.22 -1.86	40.06 0.14 0.00	39.87 0.10 -0.03	32.98 0.09 0.00	27.18 0.04 0.00

TRIGEN___CC 323695	22.56 0.97 0.00	22.22 1.00 0.00	21.51 0.90 0.00	20.83 0.94 0.00	20.96 0.98 0.00	27.36 1.26 0.00	35.09 1.64 0.00	41.98 1.82 0.00	33.41 1.44 0.00	30.67 1.36 0.00	24.10 1.28 0.00	23.50 1.34 0.00	24.61 1.44 0.00	29.86 1.64 0.00	34.03 1.87 0.00	32.41 1.66 0.00	34.94 1.74 0.00	44.91 1.92 0.00	47.27 2.15 0.00	51.95 2.34 0.00	41.63 1.71 0.00	41.37 1.63 0.00	34.29 1.40 0.00	28.29 1.15 0.00
TRINITY___115KV___4 BK 55933	21.81 0.22 0.00	21.46 0.25 0.00	20.86 0.25 0.00	20.19 0.30 0.00	20.31 0.33 0.00	26.35 0.25 0.00	33.73 0.28 0.00	40.59 0.43 0.00	32.13 0.16 0.00	29.32 0.02 0.00	22.86 0.05 0.00	22.22 0.06 0.00	23.23 0.06 0.00	28.28 0.06 0.00	32.19 0.03 0.00	30.91 0.16 0.00	33.43 0.24 0.00	43.37 0.38 0.00	45.76 0.64 0.00	50.35 0.75 0.00	40.52 0.59 0.00	40.13 0.39 0.00	33.16 0.27 0.00	27.36 0.21 0.00
UNION___PROCESSING_DRP 323587	21.95 0.36 0.00	21.49 0.27 0.00	20.85 0.24 0.00	20.01 0.12 0.00	20.10 0.12 0.00	26.71 0.61 0.00	34.14 0.70 0.00	40.60 0.44 0.00	32.58 0.60 0.00	30.10 0.79 0.00	23.43 0.62 0.00	22.71 0.55 0.00	23.69 0.52 0.00	28.93 0.71 0.00	33.07 0.90 0.00	31.46 0.71 0.00	33.74 0.54 0.00	43.78 0.79 0.00	45.91 0.79 0.00	50.45 0.84 0.00	40.61 0.69 0.00	40.47 0.73 0.00	33.57 0.69 0.00	27.82 0.68 0.00
UPPER HUDSON___HYD 24058	22.67 1.08 0.00	22.28 1.07 0.00	21.62 1.01 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.48 1.39 0.00	35.13 1.68 0.00	42.34 2.18 0.00	33.47 1.50 0.00	30.50 1.19 0.00	23.72 0.91 0.00	22.95 0.79 0.00	24.04 0.88 0.00	29.16 0.94 0.00	33.28 1.12 0.00	32.14 1.39 0.00	34.96 1.77 0.00	45.56 2.56 0.00	48.13 3.00 0.00	52.99 3.38 0.00	42.58 2.66 0.00	42.04 2.31 0.00	34.63 1.74 0.00	28.56 1.42 0.00
UPPER RAQUET___HYD 24056	21.96 0.37 0.00	21.55 0.33 0.00	20.94 0.33 0.00	20.12 0.24 0.00	20.20 0.21 0.00	26.39 0.29 0.00	33.91 0.46 0.00	40.57 0.41 0.00	32.04 0.07 0.00	29.13 -0.18 0.00	22.62 -0.19 0.00	21.86 -0.30 0.00	22.71 -0.45 0.00	27.53 -0.70 0.00	31.49 -0.67 0.00	30.17 -0.60 -0.02	32.45 -0.75 0.00	42.46 -0.84 -0.31	44.68 -0.82 -0.37	49.36 -0.75 -0.50	39.62 -0.30 0.00	39.81 0.06 -0.01	33.08 0.19 0.00	27.39 0.25 0.00
VALLEY44_115KV_TB2 355964	21.99 0.40 0.00	21.54 0.32 0.00	20.83 0.22 0.00	20.06 0.17 0.00	20.15 0.17 0.00	27.09 0.99 0.00	34.55 1.10 0.00	40.96 0.80 0.00	32.97 0.99 0.00	30.60 1.29 0.00	23.72 0.91 0.00	23.13 0.97 0.00	24.11 0.95 0.00	29.44 1.22 0.00	33.42 1.26 0.00	31.54 0.79 0.00	33.86 0.67 0.00	43.88 0.89 0.00	45.89 0.77 0.00	50.39 0.78 0.00	40.58 0.66 0.00	40.65 0.91 0.00	33.96 1.07 0.00	28.24 1.09 0.00
VALLEY___115KV_TB 1-4 80826	21.70 0.11 0.00	21.37 0.15 0.00	20.75 0.13 0.00	20.06 0.17 0.00	20.19 0.21 0.00	26.28 0.18 0.00	33.68 0.23 0.00	40.55 0.39 0.00	32.10 0.13 0.00	29.18 -0.13 0.00	22.70 -0.11 0.00	22.01 -0.15 0.00	22.91 -0.26 0.00	27.91 -0.31 0.00	31.81 -0.35 0.00	30.52 -0.22 0.00	33.12 -0.08 0.00	43.21 0.21 0.00	45.59 0.47 0.00	50.09 0.48 0.00	40.30 0.38 0.00	39.92 0.18 0.00	32.96 0.07 0.00	27.16 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.27 0.68 0.00	21.91 0.69 0.00	21.31 0.70 0.00	20.54 0.65 0.00	20.63 0.65 0.00	27.02 0.92 0.00	34.69 1.25 0.00	41.65 1.50 0.00	33.11 1.14 0.00	30.37 1.06 0.00	23.67 0.86 0.00	23.05 0.88 0.00	24.11 0.95 0.00	29.37 1.15 0.00	33.44 1.27 0.00	31.98 1.21 -0.02	34.47 1.27 0.00	45.00 1.67 -0.33	47.30 1.79 -0.39	51.99 1.86 -0.53	41.47 1.55 0.00	41.23 1.49 -0.01	34.03 1.14 0.00	28.05 0.90 0.00
VISCHER___FERRY HYD 24020	22.23 0.64 0.00	21.87 0.65 0.00	21.24 0.63 0.00	20.57 0.69 0.00	20.70 0.72 0.00	26.86 0.77 0.00	34.33 0.88 0.00	41.34 1.18 0.00	32.67 0.70 0.00	29.75 0.44 0.00	23.17 0.35 0.00	22.49 0.33 0.00	23.53 0.36 0.00	28.62 0.39 0.00	32.60 0.44 0.00	31.33 0.59 0.00	33.90 0.70 0.00	44.04 1.05 0.00	46.55 1.43 0.00	51.24 1.63 0.00	41.26 1.34 0.00	40.85 1.10 0.00	33.75 0.86 0.00	27.87 0.73 0.00
V_A_10_SYNC_DSASP 323832	21.62 0.03 0.00	21.17 -0.05 0.00	20.54 -0.06 0.00	19.69 -0.19 0.00	19.77 -0.22 0.00	26.40 0.30 0.00	33.58 0.13 0.00	39.68 -0.48 0.00	31.91 -0.07 0.00	29.55 0.24 0.00	23.03 0.21 0.00	22.32 0.16 0.00	23.28 0.12 0.00	28.46 0.23 0.00	32.51 0.34 0.00	30.83 0.08 0.00	32.91 -0.29 0.00	42.58 -0.42 0.00	44.58 -0.55 0.00	48.96 -0.65 0.00	39.49 -0.43 0.00	39.52 -0.22 0.00	32.93 0.04 0.00	27.42 0.27 0.00
V_CMM_10_SYNC_DSASP 323787	21.71 0.12 0.00	21.32 0.10 0.00	20.72 0.11 0.00	19.92 0.03 0.00	19.98 0.00 0.00	26.09 -0.01 0.00	33.47 0.03 0.00	40.17 0.01 0.00	32.00 0.03 0.00	29.26 -0.05 0.00	22.78 -0.03 0.00	22.07 -0.10 0.00	22.99 -0.17 0.00	28.00 -0.23 0.00	32.01 -0.15 0.00	30.63 -0.12 0.00	33.02 -0.18 0.00	42.73 -0.27 0.00	44.71 -0.42 0.00	49.15 -0.46 0.00	39.57 -0.35 0.00	39.65 -0.09 0.00	32.84 -0.06 0.00	27.14 -0.01 0.00
V_CMP_10_SYNC_DSASP 323788	22.59 1.00 0.00	22.13 0.91 0.00	21.40 0.79 0.00	20.59 0.70 0.00	20.69 0.71 0.00	26.67 0.57 0.00	33.98 0.53 0.00	41.13 0.97 0.00	32.79 0.82 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.53 0.37 0.00	23.60 0.44 0.00	28.58 0.35 0.00	32.64 0.48 0.00	31.50 0.75 0.00	34.05 0.85 0.00	44.23 1.24 0.00	45.68 0.56 0.00	49.74 0.13 0.00	40.19 0.26 0.00	40.04 0.30 0.00	33.27 0.38 0.00	27.38 0.24 0.00
V_D_10_SYNC_DSASP 323841	21.86 0.27 0.00	21.46 0.24 0.00	20.85 0.24 0.00	20.05 0.16 0.00	20.11 0.13 0.00	26.27 0.17 0.00	33.72 0.27 0.00	40.45 0.28 0.00	32.17 0.19 0.00	29.37 0.06 0.00	22.87 0.05 0.00	22.14 -0.02 0.00	23.05 -0.12 0.00	28.03 -0.19 0.00	32.04 -0.13 0.00	30.68 -0.07 0.00	33.06 -0.14 0.00	42.81 -0.19 0.00	44.84 -0.28 0.00	49.32 -0.29 0.00	39.78 -0.14 0.00	39.87 0.13 0.00	33.05 0.16 0.00	27.31 0.17 0.00
V_E_10_SYNC_DSASP 323830	23.08 1.49 0.00	22.64 1.42 0.00	21.94 1.33 0.00	21.17 1.28 0.00	21.31 1.32 0.00	28.21 2.12 0.00	36.42 2.97 0.00	43.77 3.61 0.00	34.67 2.69 0.00	31.70 2.39 0.00	24.51 1.69 0.00	23.63 1.46 0.00	24.71 1.55 0.00	30.19 1.97 0.00	34.48 2.32 0.00	32.92 2.14 -0.04	35.46 2.27 0.00	47.61 3.96 -0.66	50.27 4.38 -0.77	55.46 4.81 -1.05	43.59 3.67 0.00	43.21 3.46 -0.02	35.41 2.52 0.00	29.13 1.99 0.00
V_F_30_NSYNC___DSASP 323816	22.56 0.97 0.00	22.19 0.97 0.00	21.54 0.93 0.00	20.84 0.96 0.00	20.99 1.01 0.00	27.31 1.21 0.00	34.96 1.51 0.00	42.06 1.90 0.00	33.27 1.30 0.00	30.31 1.00 0.00	23.59 0.77 0.00	22.85 0.69 0.00	23.88 0.72 0.00	29.05 0.83 0.00	33.14 0.98 0.00	31.91 1.17 0.00	34.60 1.41 0.00	45.04 2.04 0.00	47.59 2.47 0.00	52.38 2.77 0.00	42.10 2.18 0.00	41.69 1.95 0.00	34.39 1.50 0.00	28.36 1.21 0.00



V_F_30_SYNC_DSASP 323786	21.89 0.30 0.00	21.54 0.33 0.00	20.93 0.32 0.00	20.25 0.36 0.00	20.38 0.39 0.00	26.46 0.36 0.00	33.88 0.43 0.00	40.77 0.61 0.00	32.30 0.32 0.00	29.48 0.17 0.00	22.99 0.17 0.00	22.33 0.17 0.00	23.34 0.18 0.00	28.43 0.20 0.00	32.38 0.21 0.00	31.09 0.35 0.00	33.64 0.44 0.00	43.65 0.65 0.00	46.04 0.91 0.00	50.63 1.02 0.00	40.73 0.80 0.00	40.33 0.59 0.00	33.31 0.42 0.00	27.47 0.32 0.00
V_XM_10_SYNC_DSASP 323789	22.59 1.00 0.00	22.13 0.91 0.00	21.40 0.79 0.00	20.59 0.70 0.00	20.69 0.71 0.00	26.67 0.57 0.00	33.98 0.53 0.00	41.13 0.97 0.00	32.79 0.82 0.00	29.94 0.63 0.00	23.35 0.54 0.00	22.53 0.37 0.00	23.60 0.44 0.00	28.58 0.35 0.00	32.64 0.48 0.00	31.50 0.75 0.00	34.05 0.85 0.00	44.23 1.24 0.00	45.68 0.56 0.00	49.74 0.13 0.00	40.19 0.26 0.00	40.04 0.30 0.00	33.27 0.38 0.00	27.38 0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.32 0.74 0.00	21.94 0.72 0.00	21.25 0.64 0.00	20.58 0.69 0.00	20.68 0.70 0.00	27.03 0.93 0.00	34.70 1.25 0.00	41.65 1.49 0.00	33.07 1.10 0.00	30.32 1.01 0.00	23.70 0.89 0.00	23.17 1.01 0.00	24.34 1.18 0.00	29.65 1.42 0.00	33.67 1.50 0.00	32.13 1.38 0.00	34.70 1.50 0.00	44.83 1.83 0.00	47.12 2.00 0.00	51.77 2.16 0.00	41.50 1.58 0.00	41.12 1.38 0.00	34.00 1.11 0.00	28.05 0.90 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.57 0.98 0.00	22.19 0.97 0.00	21.51 0.90 0.00	20.82 0.94 0.00	20.94 0.96 0.00	27.28 1.18 0.00	34.99 1.55 0.00	42.02 1.86 0.00	33.42 1.45 0.00	30.70 1.39 0.00	24.03 1.21 0.00	23.49 1.32 0.00	24.64 1.48 0.00	29.99 1.77 0.00	34.06 1.90 0.00	32.49 1.74 0.00	35.03 1.83 0.00	45.11 2.12 0.00	47.41 2.28 0.00	52.10 2.49 0.00	41.79 1.86 0.00	41.44 1.70 0.00	34.29 1.40 0.00	28.32 1.17 0.00
W50THST__13_KV_LOAD 356117	22.76 1.17 0.00	22.38 1.16 0.00	21.66 1.05 0.00	20.98 1.08 0.00	21.08 1.10 0.00	27.49 1.39 0.00	35.29 1.85 0.00	42.39 2.23 0.00	33.76 1.78 0.00	31.03 1.72 0.00	24.30 1.49 0.00	23.76 1.60 0.00	24.95 1.79 0.00	30.38 2.16 0.00	34.49 2.32 0.00	32.88 2.13 0.00	35.43 2.24 0.00	45.59 2.60 0.00	47.86 2.74 0.00	52.55 2.94 0.00	42.13 2.20 0.00	41.78 2.04 0.00	34.57 1.68 0.00	28.53 1.39 0.00
WADING RIVER_IC_1 23522	22.09 0.51 0.00	22.07 0.85 0.00	21.33 0.72 0.00	20.68 0.79 0.00	20.88 0.90 0.00	26.82 0.72 0.00	34.26 0.82 0.00	40.73 0.56 0.00	32.37 0.39 0.00	29.68 0.38 0.00	23.49 0.68 0.00	22.82 0.66 0.00	23.78 0.61 0.00	28.76 0.54 0.00	32.85 0.68 0.00	31.24 0.50 0.00	33.76 0.56 0.00	43.53 0.54 0.00	46.30 1.18 0.00	50.55 0.94 0.00	40.69 0.77 0.00	40.37 0.63 0.00	33.35 0.46 0.00	27.62 0.48 0.00
WADING RIVER_IC_2 23547	22.09 0.51 0.00	22.07 0.85 0.00	21.33 0.72 0.00	20.68 0.79 0.00	20.88 0.90 0.00	26.82 0.72 0.00	34.26 0.82 0.00	40.73 0.56 0.00	32.37 0.39 0.00	29.68 0.38 0.00	23.49 0.68 0.00	22.82 0.66 0.00	23.78 0.61 0.00	28.76 0.54 0.00	32.85 0.68 0.00	31.24 0.50 0.00	33.76 0.56 0.00	43.53 0.54 0.00	46.30 1.18 0.00	50.55 0.94 0.00	40.69 0.77 0.00	40.37 0.63 0.00	33.35 0.46 0.00	27.62 0.48 0.00
WADING RIVER_IC_3 23601	22.09 0.51 0.00	22.07 0.85 0.00	21.33 0.72 0.00	20.68 0.79 0.00	20.88 0.90 0.00	26.82 0.72 0.00	34.26 0.82 0.00	40.73 0.56 0.00	32.37 0.39 0.00	29.68 0.38 0.00	23.49 0.68 0.00	22.82 0.66 0.00	23.78 0.61 0.00	28.76 0.54 0.00	32.85 0.68 0.00	31.24 0.50 0.00	33.76 0.56 0.00	43.53 0.54 0.00	46.30 1.18 0.00	50.55 0.94 0.00	40.69 0.77 0.00	40.37 0.63 0.00	33.35 0.46 0.00	27.62 0.48 0.00
WALDENNY_12_KV_BK2 80841	21.93 0.35 0.00	21.46 0.24 0.00	20.81 0.20 0.00	19.93 0.04 0.00	20.00 0.02 0.00	26.81 0.72 0.00	34.08 0.63 0.00	40.15 -0.01 0.00	32.35 0.37 0.00	30.11 0.80 0.00	23.46 0.65 0.00	22.78 0.61 0.00	23.77 0.61 0.00	29.09 0.87 0.00	33.23 1.07 0.00	31.49 0.74 0.00	33.57 0.37 0.00	43.36 0.37 0.00	45.37 0.25 0.00	49.79 0.18 0.00	40.19 0.27 0.00	40.32 0.57 0.00	33.57 0.68 0.00	27.95 0.80 0.00
WALDEN__HYDRO 24148	22.29 0.71 0.00	21.92 0.70 0.00	21.25 0.64 0.00	20.57 0.68 0.00	20.67 0.69 0.00	26.98 0.88 0.00	34.61 1.16 0.00	41.58 1.42 0.00	33.05 1.07 0.00	30.28 0.97 0.00	23.65 0.83 0.00	23.06 0.90 0.00	24.20 1.04 0.00	29.47 1.25 0.00	33.51 1.34 0.00	32.03 1.29 0.00	34.60 1.40 0.00	44.74 1.75 0.00	47.05 1.93 0.00	51.72 2.11 0.00	41.51 1.59 0.00	41.12 1.38 0.00	33.99 1.10 0.00	28.03 0.88 0.00
WARRENSBURG____ 23737	22.67 1.08 0.00	22.28 1.07 0.00	21.62 1.01 0.00	20.93 1.04 0.00	21.09 1.11 0.00	27.48 1.39 0.00	35.13 1.68 0.00	42.34 2.18 0.00	33.47 1.50 0.00	30.50 1.19 0.00	23.72 0.91 0.00	22.95 0.79 0.00	24.04 0.88 0.00	29.16 0.94 0.00	33.28 1.12 0.00	32.14 1.39 0.00	34.96 1.77 0.00	45.56 2.56 0.00	48.13 3.00 0.00	52.99 3.38 0.00	42.58 2.66 0.00	42.04 2.31 0.00	34.63 1.74 0.00	28.56 1.42 0.00
WATERSIDE____6 8 9 23538	22.63 1.04 0.00	22.25 1.03 0.00	21.60 0.99 0.00	20.91 1.02 0.00	21.01 1.03 0.00	27.33 1.24 0.00	35.10 1.65 0.00	42.13 1.97 0.00	33.53 1.56 0.00	30.82 1.51 0.00	24.13 1.32 0.00	23.58 1.42 0.00	24.74 1.58 0.00	30.10 1.87 0.00	34.18 2.02 0.00	32.59 1.85 0.00	35.13 1.93 0.00	45.21 2.21 0.00	47.49 2.37 0.00	52.21 2.60 0.00	41.90 1.97 0.00	41.59 1.85 0.00	34.42 1.53 0.00	28.40 1.25 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.62 0.03 0.00	21.28 0.06 0.00	20.67 0.05 0.00	19.98 0.09 0.00	20.10 0.11 0.00	26.18 0.08 0.00	33.55 0.10 0.00	40.36 0.20 0.00	31.99 0.01 0.00	29.15 -0.15 0.00	22.68 -0.13 0.00	22.01 -0.15 0.00	22.95 -0.21 0.00	27.96 -0.26 0.00	31.86 -0.30 0.00	30.54 -0.21 0.00	33.09 -0.11 0.00	43.10 0.11 0.00	45.44 0.32 0.00	49.95 0.35 0.00	40.20 0.28 0.00	39.87 0.13 0.00	32.94 0.05 0.00	27.14 0.00 0.00
WATSON____69_KV_BK 1 55734	22.82 1.23 0.00	22.54 1.32 0.00	21.79 1.18 0.00	21.10 1.22 0.00	21.26 1.28 0.00	27.73 1.64 0.00	35.58 2.13 0.00	42.42 2.26 0.00	33.78 1.81 0.00	31.03 1.72 0.00	24.46 1.64 0.00	23.79 1.63 0.00	24.86 1.70 0.00	30.09 1.87 0.00	34.33 2.17 0.00	32.73 1.98 0.00	35.26 2.07 0.00	45.27 2.28 0.00	47.80 2.68 0.00	52.54 2.94 0.00	42.14 2.22 0.00	41.87 2.13 0.00	34.71 1.82 0.00	28.61 1.47 0.00
WDELAWARE__HYD 323627	21.92 0.33 0.00	21.54 0.32 0.00	20.89 0.28 0.00	20.22 0.32 0.00	20.31 0.33 0.00	26.52 0.42 0.00	34.07 0.62 0.00	41.08 0.92 0.00	33.37 1.40 0.00	30.57 1.27 0.00	23.82 1.00 0.00	23.17 1.01 0.00	24.32 1.16 0.00	29.66 1.44 0.00	33.73 1.57 0.00	32.21 1.46 0.00	34.87 1.68 0.00	45.16 2.16 0.00	47.49 2.37 0.00	52.23 2.63 0.00	41.93 2.00 0.00	41.55 1.80 0.00	34.32 1.43 0.00	28.28 1.14 0.00

WEST BABYLON___IC 23714	22.78 1.19 0.00	22.48 1.26 0.00	21.74 1.13 0.00	21.05 1.17 0.00	21.20 1.22 0.00	27.67 1.58 0.00	35.49 2.04 0.00	42.36 2.20 0.00	33.74 1.77 0.00	30.98 1.67 0.00	24.39 1.58 0.00	23.75 1.59 0.00	24.85 1.69 0.00	30.07 1.85 0.00	34.32 2.15 0.00	32.68 1.93 0.00	35.21 2.02 0.00	45.24 2.25 0.00	47.73 2.61 0.00	52.47 2.87 0.00	42.06 2.14 0.00	41.82 2.07 0.00	34.68 1.79 0.00	28.58 1.43 0.00
WEST CANADA___HYD 24049	21.59 0.00 0.00	21.24 0.02 0.00	20.63 0.02 0.00	19.92 0.03 0.00	20.02 0.04 0.00	26.13 0.03 0.00	33.48 0.04 0.00	40.20 0.04 0.00	31.97 0.00 0.00	29.31 0.00 0.00	22.81 0.00 0.00	22.16 0.00 0.00	23.16 0.00 0.00	28.22 0.00 0.00	32.16 0.00 0.00	30.75 0.00 0.00	33.21 0.01 0.00	43.04 0.05 0.00	45.22 0.09 0.00	49.71 0.10 0.00	40.02 0.10 0.00	39.79 0.05 0.00	32.92 0.03 0.00	27.16 0.02 0.00
WESTERN_NY_WIND 24143	22.27 0.68 0.00	21.76 0.55 0.00	21.12 0.51 0.00	20.22 0.33 0.00	20.31 0.32 0.00	27.17 1.07 0.00	34.67 1.23 0.00	41.00 0.84 0.00	33.02 1.04 0.00	30.61 1.30 0.00	23.85 1.04 0.00	23.04 0.87 0.00	24.01 0.84 0.00	29.26 1.04 0.00	33.36 1.19 0.00	31.62 0.88 0.00	33.81 0.62 0.00	43.91 0.91 0.00	46.25 1.13 0.00	50.88 1.27 0.00	41.01 1.09 0.00	40.97 1.23 0.00	34.07 1.18 0.00	28.33 1.18 0.00
WESTOVER___LESR 323668	21.70 0.12 0.00	21.31 0.09 0.00	20.66 0.05 0.00	19.95 0.06 0.00	20.03 0.05 0.00	26.44 0.34 0.00	33.84 0.40 0.00	40.58 0.42 0.00	32.40 0.42 0.00	29.94 0.63 0.00	23.25 0.44 0.00	22.65 0.49 0.00	23.68 0.52 0.00	28.90 0.68 0.00	32.86 0.70 0.00	31.33 0.55 -0.04	33.79 0.60 0.00	44.44 0.77 -0.67	46.76 0.85 -0.79	51.55 0.87 -1.08	40.62 0.70 0.00	40.53 0.77 -0.02	33.54 0.65 0.00	27.68 0.53 0.00
WETHRSFD_WT_PWR 323626	21.71 0.12 0.00	21.25 0.03 0.00	20.61 -0.01 0.00	19.79 -0.09 0.00	19.87 -0.11 0.00	26.60 0.50 0.00	33.83 0.38 0.00	40.13 -0.03 0.00	32.23 0.25 0.00	29.93 0.62 0.00	23.31 0.50 0.00	22.65 0.49 0.00	23.65 0.49 0.00	28.96 0.73 0.00	33.01 0.85 0.00	31.30 0.55 0.00	33.46 0.26 0.00	43.28 0.29 0.00	45.33 0.20 0.00	49.73 0.12 0.00	40.07 0.14 0.00	40.10 0.36 0.00	33.37 0.48 0.00	27.73 0.58 0.00
WHAVSTOR_138KV_BK127 55557	22.24 0.65 0.00	21.86 0.64 0.00	21.17 0.56 0.00	20.51 0.62 0.00	20.61 0.63 0.00	26.92 0.83 0.00	34.54 1.10 0.00	41.45 1.29 0.00	32.92 0.94 0.00	30.17 0.86 0.00	23.59 0.78 0.00	23.06 0.90 0.00	24.22 1.06 0.00	29.51 1.28 0.00	33.50 1.34 0.00	31.97 1.22 0.00	34.51 1.31 0.00	44.57 1.58 0.00	46.85 1.73 0.00	51.48 1.87 0.00	41.29 1.37 0.00	40.92 1.17 0.00	33.84 0.95 0.00	27.93 0.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.24 0.65 0.00	21.86 0.64 0.00	21.17 0.56 0.00	20.51 0.62 0.00	20.61 0.63 0.00	26.92 0.83 0.00	34.54 1.10 0.00	41.45 1.29 0.00	32.92 0.94 0.00	30.17 0.86 0.00	23.59 0.78 0.00	23.06 0.90 0.00	24.22 1.06 0.00	29.51 1.28 0.00	33.50 1.34 0.00	31.97 1.22 0.00	34.51 1.31 0.00	44.57 1.58 0.00	46.85 1.73 0.00	51.48 1.87 0.00	41.29 1.37 0.00	40.92 1.17 0.00	33.84 0.95 0.00	27.93 0.78 0.00
WHITEHAL_115KV_TB1 80871	23.30 1.71 0.00	22.86 1.64 0.00	22.10 1.49 0.00	21.51 1.62 0.00	21.77 1.79 0.00	28.44 2.35 0.00	35.87 2.42 0.00	43.43 3.27 0.00	34.13 2.16 0.00	30.99 1.68 0.00	24.08 1.27 0.00	23.27 1.11 0.00	24.45 1.28 0.00	29.49 1.27 0.00	33.64 1.47 0.00	32.73 1.98 0.00	36.27 3.07 0.00	47.40 4.40 0.00	50.10 4.97 0.00	55.18 5.57 0.00	44.24 4.32 0.00	43.35 3.61 0.00	35.67 2.78 0.00	29.50 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	22.64 1.05 0.00	22.25 1.04 0.00	21.57 0.96 0.00	20.88 1.00 0.00	20.99 1.02 0.00	27.38 1.28 0.00	35.14 1.69 0.00	42.23 2.07 0.00	33.60 1.63 0.00	30.81 1.50 0.00	24.13 1.31 0.00	23.55 1.39 0.00	24.71 1.55 0.00	30.09 1.86 0.00	34.18 2.02 0.00	32.62 1.88 0.00	35.21 2.02 0.00	45.44 2.44 0.00	47.77 2.65 0.00	52.49 2.88 0.00	42.09 2.17 0.00	41.70 1.96 0.00	34.47 1.58 0.00	28.42 1.28 0.00
WM_FLOYD_69_KV_BK2 356380	22.39 0.80 0.00	22.25 1.04 0.00	21.52 0.90 0.00	20.85 0.96 0.00	21.03 1.05 0.00	27.19 1.09 0.00	34.80 1.35 0.00	41.38 1.22 0.00	32.91 0.94 0.00	30.20 0.89 0.00	23.85 1.04 0.00	23.18 1.02 0.00	24.17 1.01 0.00	29.25 1.03 0.00	33.40 1.24 0.00	31.75 1.00 0.00	34.28 1.08 0.00	44.21 1.21 0.00	46.88 1.76 0.00	51.33 1.72 0.00	41.23 1.31 0.00	40.93 1.19 0.00	33.89 1.00 0.00	28.00 0.85 0.00
WOODARD___115KV_TB2 355635	21.32 -0.26 0.00	20.93 -0.29 0.00	20.32 -0.29 0.00	19.61 -0.29 0.00	19.70 -0.28 0.00	25.85 -0.24 0.00	33.17 -0.28 0.00	39.80 -0.36 0.00	31.76 -0.21 0.00	29.22 -0.09 0.00	22.67 -0.14 0.00	22.03 -0.13 0.00	23.02 -0.14 0.00	28.10 -0.13 0.00	32.02 -0.14 0.00	30.64 -0.17 -0.07	33.00 -0.19 0.00	44.04 -0.23 -1.28	46.42 -0.20 -1.50	51.44 -0.22 -2.05	39.73 -0.20 0.00	39.54 -0.24 -0.03	32.71 -0.18 0.00	26.96 -0.18 0.00
YORK___WARBASSE 23770	22.65 1.07 0.00	22.26 1.04 0.00	21.59 0.98 0.00	20.90 1.01 0.00	21.01 1.03 0.00	27.34 1.24 0.00	35.09 1.65 0.00	42.12 1.96 0.00	33.56 1.58 0.00	30.83 1.52 0.00	24.14 1.33 0.00	23.59 1.43 0.00	24.76 1.60 0.00	30.13 1.91 0.00	34.21 2.05 0.00	32.63 1.88 0.00	35.17 1.98 0.00	45.23 2.24 0.00	47.53 2.41 0.00	52.28 2.67 0.00	41.96 2.03 0.00	41.65 1.91 0.00	34.49 1.60 0.00	28.45 1.31 0.00