

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										05/02/2024			
Generator Data																									
Name		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
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1		16.25	17.95	15.75	18.45	19.01	22.50	23.53	30.48	21.99	21.72	21.32	20.81	19.85	20.88	22.41	23.00	26.77	29.65	34.46	35.53	34.98	27.25	22.99	20.72
24138		0.97	1.01	0.81	0.94	0.92	1.13	1.30	2.03	1.64	1.68	1.76	1.75	1.72	1.89	2.01	2.13	2.56	2.67	2.89	2.78	2.65	1.83	1.34	1.09
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1		16.21	17.92	15.73	18.42	18.99	22.47	23.50	30.41	21.94	21.65	21.26	20.74	19.76	20.79	22.31	22.89	26.65	29.51	34.33	35.41	34.88	27.20	22.96	20.69
24260		0.94	0.97	0.79	0.92	0.90	1.10	1.27	1.96	1.58	1.61	1.69	1.68	1.63	1.80	1.91	2.02	2.43	2.54	2.76	2.67	2.55	1.78	1.30	1.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2		16.21	17.92	15.73	18.42	18.99	22.47	23.50	30.41	21.94	21.65	21.26	20.74	19.76	20.79	22.31	22.89	26.65	29.51	34.33	35.41	34.88	27.20	22.96	20.69
24261		0.94	0.97	0.79	0.92	0.90	1.10	1.27	1.96	1.58	1.61	1.69	1.68	1.63	1.80	1.91	2.02	2.43	2.54	2.76	2.67	2.55	1.78	1.30	1.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		15.93	17.61	15.47	18.18	18.78	21.98	23.04	29.71	21.09	20.59	19.98	19.46	18.49	19.37	20.78	21.35	24.85	27.94	32.96	34.29	33.69	26.51	22.34	20.17
24011		0.65	0.67	0.53	0.67	0.69	0.60	0.80	1.26	0.74	0.55	0.41	0.40	0.36	0.38	0.37	0.48	0.64	0.96	1.38	1.54	1.37	1.09	0.68	0.55
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY		16.01	17.68	15.52	18.25	18.86	22.02	23.13	29.89	21.21	20.67	20.01	19.48	18.51	19.39	20.81	21.39	24.88	28.08	33.20	34.59	33.93	26.68	22.42	20.25
23798		0.74	0.73	0.58	0.74	0.77	0.65	0.90	1.44	0.86	0.63	0.44	0.42	0.38	0.40	0.40	0.53	0.67	1.10	1.62	1.84	1.60	1.26	0.76	0.63
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS		15.93	17.61	15.47	18.18	18.78	21.98	23.04	29.71	21.09	20.59	19.98	19.46	18.49	19.37	20.78	21.35	24.85	27.94	32.96	34.29	33.69	26.51	22.34	20.17
24028		0.65	0.67	0.53	0.67	0.69	0.60	0.80	1.26	0.74	0.55	0.41	0.40	0.36	0.38	0.37	0.48	0.64	0.96	1.38	1.54	1.37	1.09	0.68	0.55
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM		16.07	17.87	15.76	18.46	19.04	22.16	23.03	29.76	21.20	20.70	20.12	19.52	18.54	19.39	20.76	21.29	24.77	27.46	32.42	33.65	33.11	26.33	22.29	20.20
23527		0.80	0.93	0.82	0.95	0.96	0.79	0.80	1.30	0.85	0.67	0.55	0.46	0.41	0.40	0.36	0.42	0.56	0.48	0.84	0.91	0.77	0.92	0.64	0.57
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP		15.49	17.15	15.14	17.66	18.21	21.34	22.19	28.56	20.44	20.06	19.59	19.08	18.17	19.04	20.45	20.94	24.31	27.05	31.70	32.84	32.36	25.45	21.63	19.56
24190		0.22	0.20	0.20	0.16	0.12	-0.04	-0.04	0.11	0.09	0.03	0.03	0.02	0.04	0.05	0.04	0.07	0.10	0.07	0.13	0.09	0.03	0.03	-0.02	-0.06
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK		15.14	16.81	14.82	17.44	18.08	21.44	22.32	28.38	20.25	19.98	19.50	19.01	18.10	18.91	20.37	20.84	24.12	26.96	31.49	32.64	32.26	25.42	21.78	19.71
355683		-0.13	-0.13	-0.12	-0.07	-0.01	0.06	0.09	-0.07	-0.10	-0.05	-0.07	-0.05	-0.03	-0.08	-0.03	-0.03	-0.09	-0.02	-0.08	-0.11	-0.07	0.00	0.12	0.09
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR		15.78	17.48	15.42	18.03	18.60	21.85	22.73	29.18	20.74	20.21	19.69	19.16	18.21	19.09	20.48	20.96	24.39	27.23	32.20	33.53	33.08	26.03	22.10	20.01
323833		0.50	0.54	0.48	0.52	0.52	0.48	0.49	0.73	0.39	0.17	0.12	0.09	0.08	0.09	0.07	0.09	0.17	0.25	0.62	0.78	0.75	0.62	0.45	0.39
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR		15.78	17.48	15.42	18.03	18.60	21.85	22.72	29.17	20.74	20.21	19.69	19.16	18.21	19.08	20.48	20.96	24.38	27.22	32.19	33.52	33.08	26.02	22.10	20.00
323834		0.50	0.54	0.48	0.52	0.51	0.47	0.49	0.72	0.39	0.17	0.12	0.09	0.08	0.09	0.07	0.09	0.17	0.25	0.62	0.77	0.75	0.61	0.44	0.38
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1		15.49	17.15	15.14	17.66	18.21	21.34	22.19	28.56	20.44	20.06	19.59	19.08	18.17	19.04	20.45	20.94	24.31	27.05	31.70	32.84	32.36	25.45	21.63	19.56
23571		0.22	0.20	0.20	0.16	0.12	-0.04	-0.04	0.11	0.09	0.03	0.03	0.02	0.04	0.05	0.04	0.07	0.10	0.07	0.13	0.09	0.03	0.03	-0.02	-0.06
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.12 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.56 -0.06 0.00
ALBANY___3 23573	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.12 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.56 -0.06 0.00
ALBANY___4 23574	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.12 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.56 -0.06 0.00
ALBANY___LFGE 323615	15.61 0.34 0.00	17.27 0.33 0.00	15.24 0.30 0.00	17.79 0.28 0.00	18.35 0.26 0.00	21.51 0.13 0.00	22.39 0.15 0.00	28.81 0.35 0.00	20.62 0.27 0.00	20.24 0.21 0.00	19.77 0.21 0.00	19.26 0.20 0.00	18.33 0.20 0.00	19.21 0.22 0.00	20.64 0.24 0.00	21.14 0.27 0.00	24.56 0.35 0.00	27.37 0.39 0.00	32.05 0.48 0.00	33.19 0.45 0.00	32.70 0.36 0.00	25.70 0.28 0.00	21.83 0.17 0.00	19.73 0.11 0.00
ALCOA_PA_115KV_PL-6C 55860	15.12 -0.16 0.00	16.78 -0.17 0.00	14.79 -0.15 0.00	17.40 -0.11 0.00	18.07 -0.02 0.00	21.46 0.09 0.00	22.38 0.14 0.00	28.42 -0.03 0.00	20.24 -0.11 0.00	19.99 -0.05 0.00	19.50 -0.07 0.00	19.03 -0.04 0.00	18.12 -0.01 0.00	18.93 -0.06 0.00	20.39 -0.01 0.00	20.87 -0.01 0.00	24.14 -0.07 0.00	26.99 0.01 0.00	31.55 -0.02 0.00	32.72 -0.02 0.00	32.35 0.03 0.00	25.49 0.07 0.00	21.84 0.19 0.00	19.74 0.12 0.00
ALCOA_RYNLDS___DRP 24188	15.12 -0.16 0.00	16.78 -0.17 0.00	14.79 -0.15 0.00	17.40 -0.11 0.00	18.07 -0.02 0.00	21.46 0.09 0.00	22.38 0.14 0.00	28.42 -0.03 0.00	20.24 -0.11 0.00	19.99 -0.05 0.00	19.50 -0.07 0.00	19.03 -0.04 0.00	18.12 -0.01 0.00	18.93 -0.06 0.00	20.39 -0.01 0.00	20.87 -0.01 0.00	24.14 -0.07 0.00	26.99 0.01 0.00	31.55 -0.02 0.00	32.72 -0.02 0.00	32.35 0.03 0.00	25.49 0.07 0.00	21.84 0.19 0.00	19.74 0.12 0.00
ALCOA___DSASP 323711	15.12 -0.16 0.00	16.78 -0.17 0.00	14.79 -0.15 0.00	17.40 -0.11 0.00	18.07 -0.02 0.00	21.46 0.09 0.00	22.38 0.14 0.00	28.42 -0.03 0.00	20.24 -0.11 0.00	19.99 -0.05 0.00	19.50 -0.07 0.00	19.03 -0.04 0.00	18.12 -0.01 0.00	18.93 -0.06 0.00	20.39 -0.01 0.00	20.87 -0.01 0.00	24.14 -0.07 0.00	26.99 0.01 0.00	31.55 -0.02 0.00	32.72 -0.02 0.00	32.35 0.03 0.00	25.49 0.07 0.00	21.84 0.18 0.00	19.74 0.12 0.00
ALLEGHENY___COGEN 23514	15.53 0.25 0.00	17.21 0.26 0.00	15.31 0.37 0.00	17.81 0.30 0.00	18.45 0.36 0.00	22.01 0.64 0.00	22.87 0.64 0.00	28.97 0.52 0.00	20.54 0.18 0.00	20.22 0.19 0.00	19.70 0.13 0.00	19.02 -0.04 0.00	17.91 -0.22 0.00	18.74 -0.25 0.00	20.40 0.00 0.00	20.88 0.01 0.00	24.23 0.02 0.00	27.03 0.05 0.00	31.80 0.22 0.00	33.67 0.92 0.00	33.76 1.43 0.00	26.47 1.05 0.00	22.49 0.83 0.00	20.35 0.73 0.00
ALTAMONT_115KV_TB 2 55880	15.63 0.36 0.00	17.33 0.39 0.00	15.27 0.33 0.00	17.86 0.36 0.00	18.42 0.33 0.00	21.68 0.31 0.00	22.58 0.35 0.00	29.04 0.59 0.00	20.78 0.42 0.00	20.40 0.36 0.00	19.92 0.35 0.00	19.40 0.34 0.00	18.47 0.34 0.00	19.36 0.37 0.00	20.77 0.37 0.00	21.26 0.39 0.00	24.70 0.48 0.00	27.48 0.50 0.00	32.22 0.64 0.00	33.39 0.65 0.00	32.93 0.60 0.00	25.88 0.46 0.00	21.96 0.31 0.00	19.87 0.25 0.00
ALTONA_WT_PWR 323606	15.13 -0.15 0.00	16.87 -0.07 0.00	14.70 -0.23 0.00	18.04 0.53 0.00	18.86 0.77 0.00	22.27 0.90 0.00	23.25 1.02 0.00	28.93 0.48 0.00	20.57 0.22 0.00	20.29 0.26 0.00	19.68 0.11 0.00	19.31 0.24 0.00	18.29 0.16 0.00	19.22 0.23 0.00	20.53 0.13 0.00	21.34 0.47 0.00	24.92 0.71 0.00	28.11 1.13 0.00	33.16 1.58 0.00	34.37 1.62 0.00	33.81 1.49 0.00	26.59 1.17 0.00	22.61 0.95 0.00	20.56 0.94 0.00
AMERICAN_REF_FUEL 24010	14.87 -0.40 0.00	16.53 -0.42 0.00	14.78 -0.15 0.00	17.04 -0.47 0.00	17.58 -0.51 0.00	20.92 -0.46 0.00	21.47 -0.76 0.00	27.26 -1.19 0.00	19.73 -0.62 0.00	19.60 -0.44 0.00	19.06 -0.51 0.00	18.42 -0.64 0.00	17.35 -0.78 0.00	18.14 -0.86 0.00	19.81 -0.59 0.00	20.23 -0.64 0.00	23.29 -0.93 0.00	25.88 -1.10 0.00	30.36 -1.21 0.00	31.46 -1.29 0.00	31.06 -1.27 0.00	24.51 -0.91 0.00	21.14 -0.51 0.00	19.31 -0.31 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.49 0.22 0.00	17.22 0.28 0.00	15.30 0.37 0.00	17.74 0.23 0.00	18.39 0.30 0.00	21.94 0.57 0.00	22.65 0.42 0.00	28.93 0.48 0.00	20.86 0.50 0.00	20.68 0.64 0.00	20.24 0.67 0.00	19.67 0.61 0.00	18.56 0.43 0.00	19.52 0.53 0.00	21.23 0.83 0.00	21.69 0.82 0.00	25.14 0.93 0.00	27.81 0.83 0.00	32.50 0.93 0.00	33.74 0.99 0.00	33.35 1.02 0.00	25.91 0.49 0.00	22.05 0.39 0.00	19.97 0.35 0.00
ARTHUR KILL_GT_1 23520	16.17 0.90 0.00	17.88 0.94 0.00	15.68 0.74 0.00	18.37 0.86 0.00	18.95 0.86 0.00	22.45 1.07 0.00	23.45 1.21 0.00	30.31 1.86 0.00	21.83 1.48 0.00	21.50 1.47 0.00	21.11 1.55 0.00	20.59 1.53 0.00	19.63 1.50 0.00	20.62 1.63 0.00	22.15 1.75 0.00	22.72 1.84 0.00	26.46 2.25 0.00	29.29 2.31 0.00	34.03 2.46 0.00	35.15 2.41 0.00	34.70 2.37 0.00	27.11 1.69 0.00	22.89 1.24 0.00	20.62 1.00 0.00
ARTHUR_KILL_2 23512	16.13 0.86 0.00	17.84 0.89 0.00	15.64 0.70 0.00	18.33 0.82 0.00	18.90 0.82 0.00	22.38 1.01 0.00	23.39 1.16 0.00	30.22 1.78 0.00	21.77 1.42 0.00	21.44 1.40 0.00	21.06 1.50 0.00	20.54 1.48 0.00	19.59 1.46 0.00	20.57 1.58 0.00	22.10 1.70 0.00	22.67 1.79 0.00	26.40 2.19 0.00	29.22 2.24 0.00	33.95 2.37 0.00	35.05 2.30 0.00	34.60 2.27 0.00	27.03 1.61 0.00	22.83 1.17 0.00	20.56 0.94 0.00
ARTHUR_KILL_3 23513	16.07 0.80 0.00	17.76 0.82 0.00	15.59 0.65 0.00	18.26 0.76 0.00	18.83 0.74 0.00	22.28 0.90 0.00	23.28 1.05 0.00	30.13 1.68 0.00	21.72 1.37 0.00	21.42 1.39 0.00	21.04 1.47 0.00	20.54 1.48 0.00	19.59 1.46 0.00	20.59 1.60 0.00	22.11 1.71 0.00	22.69 1.82 0.00	26.41 2.19 0.00	29.25 2.27 0.00	34.02 2.44 0.00	35.09 2.34 0.00	34.55 2.23 0.00	26.94 1.52 0.00	22.73 1.08 0.00	20.50 0.87 0.00

ARTHUR_KILL_COGEN 323718	16.17 0.90 0.00	17.88 0.94 0.00	15.68 0.74 0.00	18.37 0.86 0.00	18.95 0.86 0.00	22.45 1.07 0.00	23.45 1.21 0.00	30.31 1.86 0.00	21.83 1.48 0.00	21.50 1.47 0.00	21.11 1.55 0.00	20.59 1.53 0.00	19.63 1.50 0.00	20.62 1.63 0.00	22.15 1.75 0.00	22.72 1.84 0.00	26.46 2.25 0.00	29.29 2.31 0.00	34.03 2.46 0.00	35.15 2.41 0.00	34.70 2.37 0.00	27.11 1.69 0.00	22.89 1.24 0.00	20.62 1.00 0.00
ASHOKAN____ 23654	16.06 0.79 0.00	17.77 0.83 0.00	15.65 0.71 0.00	18.30 0.79 0.00	18.88 0.79 0.00	22.23 0.86 0.00	23.21 0.98 0.00	29.90 1.46 0.00	21.28 0.93 0.00	20.70 0.67 0.00	20.11 0.54 0.00	19.56 0.50 0.00	18.59 0.46 0.00	19.50 0.51 0.00	20.90 0.50 0.00	21.45 0.57 0.00	25.00 0.79 0.00	28.00 1.03 0.00	33.14 1.56 0.00	34.57 1.82 0.00	34.13 1.80 0.00	26.79 1.37 0.00	22.65 1.00 0.00	20.41 0.79 0.00
ASTORIA_EAST_ENERGY_CC1 323581	16.10 0.83 0.00	17.80 0.86 0.00	15.62 0.68 0.00	18.30 0.79 0.00	18.87 0.78 0.00	22.33 0.96 0.00	23.37 1.13 0.00	30.25 1.80 0.00	21.81 1.46 0.00	21.49 1.45 0.00	21.10 1.53 0.00	20.56 1.50 0.00	19.67 1.54 0.00	20.60 1.61 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.17 0.00	29.19 2.21 0.00	33.94 2.36 0.00	35.06 2.32 0.00	34.54 2.22 0.00	26.90 1.48 0.00	22.79 1.13 0.00	20.55 0.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	16.10 0.83 0.00	17.80 0.86 0.00	15.62 0.68 0.00	18.30 0.79 0.00	18.87 0.78 0.00	22.33 0.96 0.00	23.37 1.13 0.00	30.25 1.80 0.00	21.81 1.46 0.00	21.49 1.45 0.00	21.10 1.53 0.00	20.56 1.50 0.00	19.67 1.54 0.00	20.60 1.61 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.17 0.00	29.19 2.21 0.00	33.94 2.36 0.00	35.06 2.32 0.00	34.54 2.22 0.00	26.90 1.48 0.00	22.79 1.13 0.00	20.55 0.93 0.00
ASTORIA_GT2_1 24094	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT2_2 24095	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT2_3 24096	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT2_4 24097	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT3_1 24098	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT3_2 24099	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT3_3 24100	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT3_4 24101	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT4_1 24102	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT4_2 24103	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT4_3 24104	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00

ASTORIA_GT4_4 24105	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.55 0.00	20.57 1.51 0.00	19.61 1.48 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA_GT_1 23523	16.13 0.86 0.00	17.84 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.91 0.82 0.00	22.37 1.00 0.00	23.42 1.18 0.00	30.32 1.87 0.00	21.87 1.52 0.00	21.54 1.51 0.00	21.15 1.58 0.00	20.61 1.55 0.00	19.72 1.59 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.15 2.41 0.00	34.63 2.31 0.00	26.97 1.55 0.00	22.84 1.18 0.00	20.60 0.97 0.00
ASTORIA_GT_10 24110	16.12 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.35 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.62 1.48 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.71 1.84 0.00	26.43 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.13 2.38 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.91 0.00
ASTORIA_GT_11 24225	16.12 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.35 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.62 1.48 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.71 1.84 0.00	26.43 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.13 2.38 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.91 0.00
ASTORIA_GT_12 24226	16.12 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.35 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.62 1.48 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.71 1.84 0.00	26.43 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.13 2.38 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.91 0.00
ASTORIA_GT_13 24227	16.12 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.35 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.62 1.48 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.71 1.84 0.00	26.43 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.13 2.38 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.91 0.00
ASTORIA_GT_5 24106	16.13 0.86 0.00	17.84 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.91 0.82 0.00	22.37 1.00 0.00	23.42 1.18 0.00	30.31 1.86 0.00	21.87 1.52 0.00	21.54 1.50 0.00	21.15 1.59 0.00	20.61 1.55 0.00	19.65 1.52 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.15 2.40 0.00	34.64 2.31 0.00	26.97 1.55 0.00	22.84 1.19 0.00	20.59 0.97 0.00
ASTORIA_GT_7 24107	16.13 0.86 0.00	17.84 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.91 0.82 0.00	22.37 1.00 0.00	23.42 1.18 0.00	30.31 1.86 0.00	21.87 1.52 0.00	21.54 1.50 0.00	21.15 1.59 0.00	20.61 1.55 0.00	19.65 1.52 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.15 2.40 0.00	34.64 2.31 0.00	26.97 1.55 0.00	22.84 1.19 0.00	20.59 0.97 0.00
ASTORIA_GT_8 24108	16.13 0.86 0.00	17.84 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.91 0.82 0.00	22.37 1.00 0.00	23.42 1.18 0.00	30.31 1.86 0.00	21.87 1.52 0.00	21.54 1.50 0.00	21.15 1.59 0.00	20.61 1.55 0.00	19.65 1.52 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.15 2.40 0.00	34.64 2.31 0.00	26.97 1.55 0.00	22.84 1.19 0.00	20.59 0.97 0.00
ASTORIA___2 24149	16.11 0.84 0.00	17.81 0.87 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.26 1.81 0.00	21.82 1.47 0.00	21.50 1.46 0.00	21.11 1.54 0.00	20.58 1.51 0.00	19.68 1.55 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.69 1.82 0.00	26.39 2.18 0.00	29.20 2.22 0.00	33.95 2.38 0.00	35.08 2.34 0.00	34.56 2.23 0.00	26.92 1.50 0.00	22.80 1.15 0.00	20.55 0.93 0.00
ASTORIA___3 23516	16.12 0.85 0.00	17.82 0.87 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.34 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.65 1.52 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.71 1.84 0.00	26.44 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.13 2.39 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.92 0.00
ASTORIA___4 23517	16.12 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.35 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.62 1.48 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.71 1.84 0.00	26.43 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.13 2.38 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.91 0.00
ASTORIA___5 23518	16.12 0.85 0.00	17.82 0.87 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.34 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.65 1.52 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.72 1.84 0.00	26.44 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.14 2.39 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.92 0.00
AST_ENERGY_2_CC3 323677	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.70 0.00	18.32 0.81 0.00	18.88 0.79 0.00	22.32 0.95 0.00	23.32 1.09 0.00	30.18 1.73 0.00	21.78 1.42 0.00	21.48 1.45 0.00	21.09 1.53 0.00	20.58 1.52 0.00	19.62 1.49 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.72 1.84 0.00	26.43 2.22 0.00	29.28 2.30 0.00	34.05 2.47 0.00	35.13 2.38 0.00	34.59 2.26 0.00	26.98 1.56 0.00	22.78 1.12 0.00	20.54 0.91 0.00
AST_ENERGY_2_CC4 323678	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.70 0.00	18.32 0.81 0.00	18.88 0.79 0.00	22.32 0.95 0.00	23.32 1.09 0.00	30.18 1.73 0.00	21.78 1.42 0.00	21.48 1.45 0.00	21.09 1.53 0.00	20.58 1.52 0.00	19.62 1.49 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.72 1.84 0.00	26.43 2.22 0.00	29.28 2.30 0.00	34.05 2.47 0.00	35.13 2.38 0.00	34.59 2.26 0.00	26.98 1.56 0.00	22.78 1.12 0.00	20.54 0.91 0.00

ATHENS_STG_1 23668	15.79 0.52 0.00	17.52 0.57 0.00	15.41 0.47 0.00	18.04 0.54 0.00	18.60 0.51 0.00	21.93 0.56 0.00	22.86 0.62 0.00	29.45 1.00 0.00	21.13 0.77 0.00	20.77 0.73 0.00	20.33 0.76 0.00	19.81 0.75 0.00	18.85 0.72 0.00	19.77 0.78 0.00	21.18 0.78 0.00	21.68 0.81 0.00	25.20 0.99 0.00	28.00 1.02 0.00	32.73 1.16 0.00	33.88 1.13 0.00	33.39 1.06 0.00	26.20 0.78 0.00	22.19 0.53 0.00	20.06 0.44 0.00
ATHENS_STG_2 23670	15.79 0.52 0.00	17.52 0.57 0.00	15.41 0.47 0.00	18.04 0.54 0.00	18.60 0.51 0.00	21.93 0.56 0.00	22.86 0.62 0.00	29.45 1.00 0.00	21.13 0.77 0.00	20.77 0.73 0.00	20.33 0.76 0.00	19.81 0.75 0.00	18.85 0.72 0.00	19.77 0.78 0.00	21.18 0.78 0.00	21.68 0.81 0.00	25.20 0.99 0.00	28.00 1.02 0.00	32.73 1.16 0.00	33.88 1.13 0.00	33.39 1.06 0.00	26.20 0.78 0.00	22.19 0.53 0.00	20.06 0.44 0.00
ATHENS_STG_3 23677	15.79 0.52 0.00	17.52 0.57 0.00	15.41 0.47 0.00	18.04 0.54 0.00	18.60 0.51 0.00	21.93 0.56 0.00	22.86 0.62 0.00	29.45 1.00 0.00	21.13 0.77 0.00	20.77 0.73 0.00	20.33 0.76 0.00	19.81 0.75 0.00	18.85 0.72 0.00	19.77 0.78 0.00	21.18 0.78 0.00	21.68 0.81 0.00	25.20 0.99 0.00	28.00 1.02 0.00	32.73 1.16 0.00	33.88 1.13 0.00	33.39 1.06 0.00	26.20 0.78 0.00	22.19 0.53 0.00	20.06 0.44 0.00
AUBURN___LFGE 323710	15.35 0.08 0.00	17.02 0.07 0.00	15.03 0.09 0.00	17.57 0.07 0.00	18.16 0.07 0.00	21.50 0.13 0.00	22.36 0.12 0.00	28.60 0.15 0.00	20.44 0.09 0.00	20.12 0.08 0.00	19.59 0.02 0.00	19.06 -0.01 0.00	18.07 -0.06 0.00	18.95 -0.04 0.00	20.39 -0.01 0.00	20.85 -0.02 0.00	24.22 0.01 0.00	27.02 0.04 0.00	31.75 0.18 0.00	33.01 0.26 0.00	32.62 0.29 0.00	25.59 0.17 0.00	21.76 0.10 0.00	19.72 0.10 0.00
BABYLON_RES_REC 323704	16.33 1.06 0.00	18.07 1.12 0.00	15.81 0.87 0.00	18.53 1.03 0.00	19.13 1.04 0.00	22.71 1.34 0.00	23.79 1.62 -0.15	30.54 2.35 -0.01	22.41 1.67 -0.38	21.85 1.71 -0.10	30.93 1.89 -9.47	23.09 1.84 -2.19	23.29 1.78 -3.38	20.96 1.86 -0.11	22.22 1.82 0.00	24.42 2.01 -1.53	27.55 2.46 -0.87	29.29 2.31 0.00	33.96 2.38 0.00	35.10 2.35 0.00	36.10 2.43 -1.35	27.27 1.80 -0.05	23.19 1.36 -0.18	20.81 1.17 -0.02
BABYLON__69_KV_BK2 356345	16.49 1.21 0.00	18.22 1.28 0.00	15.94 1.01 0.00	18.70 1.19 0.00	19.30 1.21 0.00	22.92 1.55 0.00	24.37 1.62 -0.51	30.84 2.35 -0.05	23.56 1.86 -1.36	22.30 1.91 -0.35	31.44 2.11 -9.76	23.39 2.06 -2.27	23.58 1.99 -3.47	21.19 2.08 -0.11	22.45 2.05 0.00	24.66 2.26 -1.53	27.81 2.72 -0.87	29.56 2.58 0.00	34.26 2.69 0.00	35.40 2.66 0.00	39.86 2.79 -4.74	27.70 2.10 -0.18	23.87 1.60 -0.61	21.09 1.40 -0.07
BALL_HILL_WT_PWR 323825	15.34 0.07 0.00	17.05 0.10 0.00	15.18 0.24 0.00	17.58 0.08 0.00	18.18 0.09 0.00	21.64 0.27 0.00	22.31 0.08 0.00	28.45 0.00 0.00	20.53 0.17 0.00	20.39 0.36 0.00	19.89 0.32 0.00	19.32 0.26 0.00	18.21 0.08 0.00	19.12 0.13 0.00	20.82 0.41 0.00	21.26 0.39 0.00	24.62 0.41 0.00	27.28 0.30 0.00	31.90 0.33 0.00	33.11 0.36 0.00	32.71 0.38 0.00	25.58 0.16 0.00	21.87 0.21 0.00	19.89 0.27 0.00
BARON_WINDS___WT_PWR 323822	14.96 -0.32 0.00	16.61 -0.34 0.00	14.81 -0.13 0.00	17.31 -0.19 0.00	17.92 -0.16 0.00	21.30 -0.07 0.00	22.18 -0.05 0.00	28.43 -0.02 0.00	20.46 0.11 0.00	20.24 0.20 0.00	19.72 0.16 0.00	19.04 -0.02 0.00	17.82 -0.31 0.00	18.77 -0.22 0.00	20.44 0.04 0.00	20.99 0.12 0.00	24.44 0.23 0.00	27.11 0.12 0.00	31.80 0.23 0.00	33.13 0.38 0.00	32.74 0.41 0.00	25.58 0.16 0.00	21.82 0.17 0.00	19.79 0.16 0.00
BARRETT_IC_1 23704	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_10 23701	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.92 2.16 -8.78	33.81 2.21 -0.03	34.87 2.10 -0.02	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_11 23702	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.92 2.16 -8.78	33.81 2.21 -0.03	34.87 2.10 -0.02	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_12 23703	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.92 2.16 -8.78	33.81 2.21 -0.03	34.87 2.10 -0.02	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_2 23705	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_3 23706	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_4 23707	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00

BARRETT_IC_5 23708	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_6 23709	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_7 23710	16.17 0.90 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.50 1.56 -18.81	22.11 1.67 -1.45	22.09 1.69 0.00	41.70 1.84 -18.99	37.37 2.23 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.52 0.00	22.79 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_8 23711	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT_IC_9 23700	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.92 2.16 -8.78	33.81 2.21 -0.03	34.87 2.10 -0.02	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT___1 23545	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.94 2.16 -8.80	33.88 2.21 -0.10	34.92 2.10 -0.07	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BARRETT___2 23546	16.17 0.89 0.00	17.88 0.93 0.00	15.65 0.71 0.00	18.34 0.83 0.00	18.93 0.84 0.00	22.46 1.09 0.00	23.38 1.14 0.00	30.17 1.72 0.00	21.76 1.41 0.00	21.49 1.45 0.00	36.57 1.63 -15.37	38.51 1.58 -17.87	38.51 1.57 -18.81	22.11 1.66 -1.45	22.09 1.69 0.00	41.70 1.83 -18.99	37.36 2.22 -10.92	37.92 2.16 -8.78	33.81 2.21 -0.03	34.87 2.10 -0.02	34.38 2.05 0.00	26.93 1.51 0.00	22.78 1.13 0.00	20.60 0.98 0.00
BATAVIA__115KV_TB1 55881	15.42 0.15 0.00	17.12 0.17 0.00	15.26 0.32 0.00	17.62 0.11 0.00	18.20 0.11 0.00	21.69 0.31 0.00	22.36 0.12 0.00	28.44 -0.01 0.00	20.46 0.11 0.00	20.22 0.19 0.00	19.61 0.05 0.00	18.97 -0.10 0.00	17.88 -0.25 0.00	18.69 -0.30 0.00	20.38 -0.03 0.00	20.79 -0.08 0.00	23.99 -0.22 0.00	26.79 -0.19 0.00	31.65 0.07 0.00	33.01 0.27 0.00	32.67 0.34 0.00	25.69 0.27 0.00	22.01 0.35 0.00	20.03 0.41 0.00
BAYONEEC___CTG1 323682	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG10 323750	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG2 323683	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG3 323684	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG4 323685	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG5 323686	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG6 323687	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00

BAYONEEC___CTG7 323688	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG8 323689	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BAYONEEC___CTG9 323749	16.13 0.85 0.00	17.82 0.88 0.00	15.64 0.70 0.00	18.32 0.82 0.00	18.89 0.80 0.00	22.34 0.97 0.00	23.35 1.12 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.64 1.52 0.00	20.66 1.66 0.00	22.16 1.77 0.00	22.75 1.88 0.00	26.47 2.26 0.00	29.32 2.34 0.00	34.09 2.51 0.00	35.17 2.43 0.00	34.65 2.32 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.56 0.94 0.00
BEACON___LESR 323632	15.72 0.44 0.00	17.39 0.44 0.00	15.33 0.39 0.00	17.90 0.40 0.00	18.47 0.38 0.00	21.66 0.29 0.00	22.60 0.37 0.00	29.09 0.64 0.00	20.81 0.45 0.00	20.39 0.35 0.00	19.71 0.14 0.00	19.17 0.11 0.00	18.26 0.12 0.00	19.13 0.13 0.00	20.73 0.33 0.00	21.25 0.38 0.00	24.72 0.51 0.00	27.60 0.61 0.00	32.34 0.76 0.00	33.52 0.78 0.00	33.09 0.76 0.00	25.91 0.50 0.00	22.03 0.38 0.00	19.87 0.25 0.00
BEAVER RIVER___HYD 24048	14.81 -0.47 0.00	16.27 -0.67 0.00	14.27 -0.66 0.00	16.78 -0.72 0.00	17.65 -0.44 0.00	21.39 0.02 0.00	22.44 0.20 0.00	28.38 -0.07 0.00	19.70 -0.65 0.00	19.33 -0.71 0.00	19.03 -0.53 0.00	18.69 -0.37 0.00	17.94 -0.19 0.00	18.77 -0.22 0.00	20.15 -0.25 0.00	20.63 -0.25 0.00	23.91 -0.30 0.00	26.87 -0.11 0.00	31.81 0.24 0.00	33.41 0.66 0.00	33.31 0.98 0.00	26.25 0.83 0.00	22.30 0.64 0.00	20.10 0.48 0.00
BEEBEE_GT_13 23619	15.19 -0.08 0.00	16.87 -0.08 0.00	14.99 0.05 0.00	17.37 -0.13 0.00	17.94 -0.14 0.00	21.32 -0.05 0.00	22.03 -0.21 0.00	28.06 -0.39 0.00	20.17 -0.18 0.00	19.98 -0.06 0.00	19.45 -0.12 0.00	18.87 -0.19 0.00	17.86 -0.27 0.00	18.69 -0.30 0.00	20.30 -0.10 0.00	20.71 -0.16 0.00	23.94 -0.27 0.00	26.69 -0.28 0.00	31.34 -0.23 0.00	32.59 -0.15 0.00	32.20 -0.12 0.00	25.30 -0.11 0.00	21.60 -0.05 0.00	19.65 0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	16.26 0.98 0.00	17.95 1.01 0.00	15.75 0.81 0.00	18.45 0.94 0.00	19.02 0.93 0.00	22.53 1.15 0.00	23.55 1.32 0.00	30.49 2.04 0.00	21.99 1.64 0.00	21.69 1.66 0.00	21.30 1.73 0.00	20.78 1.72 0.00	19.80 1.67 0.00	20.83 1.83 0.00	22.36 1.96 0.00	22.94 2.07 0.00	26.71 2.50 0.00	29.57 2.60 0.00	34.37 2.79 0.00	35.47 2.72 0.00	34.96 2.63 0.00	27.28 1.86 0.00	23.03 1.37 0.00	20.73 1.11 0.00
BETHLEHEM___GRP 23843	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.12 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.56 -0.06 0.00
BETHLEHEM___GS1 323560	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.13 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.57 -0.05 0.00
BETHLEHEM___GS2 323561	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.13 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.57 -0.05 0.00
BETHLEHEM___GS3 323562	15.49 0.22 0.00	17.15 0.20 0.00	15.14 0.20 0.00	17.66 0.16 0.00	18.21 0.13 0.00	21.34 -0.04 0.00	22.19 -0.04 0.00	28.56 0.11 0.00	20.44 0.09 0.00	20.06 0.03 0.00	19.59 0.03 0.00	19.08 0.02 0.00	18.17 0.04 0.00	19.04 0.05 0.00	20.45 0.04 0.00	20.94 0.07 0.00	24.31 0.10 0.00	27.05 0.07 0.00	31.70 0.13 0.00	32.84 0.09 0.00	32.36 0.03 0.00	25.45 0.03 0.00	21.63 -0.02 0.00	19.57 -0.05 0.00
BETHLEHEM___STEEL 23779	15.29 0.02 0.00	17.01 0.06 0.00	15.17 0.23 0.00	17.55 0.04 0.00	18.12 0.03 0.00	21.55 0.18 0.00	22.19 -0.04 0.00	28.27 -0.18 0.00	20.41 0.06 0.00	20.29 0.25 0.00	19.75 0.18 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.92 -0.07 0.00	20.65 0.25 0.00	21.08 0.20 0.00	24.36 0.14 0.00	27.04 0.06 0.00	31.67 0.09 0.00	32.89 0.14 0.00	32.47 0.14 0.00	25.49 0.07 0.00	21.84 0.19 0.00	19.91 0.29 0.00
BETHLHEM_115KV_TB1 79974	15.52 0.25 0.00	17.18 0.24 0.00	15.16 0.23 0.00	17.70 0.20 0.00	18.26 0.17 0.00	21.41 0.03 0.00	22.28 0.04 0.00	28.66 0.21 0.00	20.52 0.17 0.00	20.15 0.11 0.00	19.67 0.10 0.00	19.16 0.10 0.00	18.24 0.11 0.00	19.12 0.12 0.00	20.52 0.12 0.00	21.02 0.15 0.00	24.40 0.19 0.00	27.13 0.15 0.00	31.81 0.24 0.00	32.95 0.21 0.00	32.48 0.15 0.00	25.54 0.12 0.00	21.70 0.05 0.00	19.63 0.01 0.00
BETHPAGE_CC_5 323564	16.29 1.01 0.00	18.01 1.06 0.00	15.76 0.82 0.00	18.48 0.97 0.00	19.07 0.98 0.00	22.63 1.26 0.00	23.57 1.33 0.00	30.44 1.99 0.00	21.96 1.61 0.00	21.68 1.64 0.00	30.90 1.83 -9.50	23.44 1.79 -2.59	23.61 1.74 -3.74	20.97 1.83 -0.15	22.22 1.82 0.00	24.93 2.02 -2.03	27.85 2.48 -1.16	29.60 2.37 -0.25	34.01 2.43 0.00	35.13 2.39 0.00	34.74 2.41 0.00	27.20 1.78 0.00	22.98 1.33 0.00	20.76 1.13 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.36 0.09 0.00	17.08 0.13 0.00	15.23 0.29 0.00	17.63 0.12 0.00	18.21 0.12 0.00	21.65 0.28 0.00	22.30 0.07 0.00	28.42 -0.03 0.00	20.53 0.18 0.00	20.40 0.36 0.00	19.86 0.29 0.00	19.25 0.19 0.00	18.15 0.02 0.00	19.03 0.04 0.00	20.76 0.36 0.00	21.19 0.32 0.00	24.50 0.29 0.00	27.20 0.22 0.00	31.86 0.28 0.00	33.09 0.34 0.00	32.66 0.33 0.00	25.62 0.21 0.00	21.95 0.30 0.00	20.01 0.39 0.00

BINGHAMTON___COGEN 23790	15.43 0.15 0.00	17.11 0.16 0.00	15.10 0.16 0.00	17.68 0.17 0.00	18.24 0.15 0.00	21.58 0.20 0.00	22.46 0.22 0.00	28.85 0.40 0.00	20.67 0.32 0.00	20.42 0.39 0.00	19.91 0.33 0.00	19.38 0.32 0.00	18.36 0.23 0.00	19.28 0.29 0.00	20.74 0.34 0.00	21.25 0.37 0.00	24.73 0.52 0.00	27.46 0.48 0.00	32.14 0.56 0.00	33.35 0.60 0.00	32.94 0.60 0.00	25.77 0.35 0.00	21.89 0.24 0.00	19.86 0.24 0.00
BIXINCNT_115KV_LOAD 355685	15.38 0.11 0.00	17.17 0.22 0.00	15.31 0.37 0.00	17.84 0.33 0.00	18.50 0.41 0.00	22.00 0.63 0.00	22.73 0.50 0.00	29.08 0.63 0.00	20.98 0.63 0.00	20.79 0.75 0.00	20.26 0.69 0.00	19.57 0.51 0.00	18.38 0.25 0.00	19.35 0.36 0.00	21.08 0.67 0.00	21.58 0.71 0.00	24.99 0.77 0.00	27.66 0.68 0.00	32.38 0.80 0.00	33.64 0.89 0.00	33.21 0.88 0.00	25.97 0.55 0.00	22.23 0.58 0.00	20.23 0.60 0.00
BLACK RIVER___HYD 24047	14.74 -0.53 0.00	16.20 -0.74 0.00	14.22 -0.72 0.00	16.69 -0.81 0.00	17.54 -0.55 0.00	21.32 -0.05 0.00	22.35 0.12 0.00	28.19 -0.26 0.00	19.40 -0.95 0.00	18.98 -1.05 0.00	18.84 -0.73 0.00	18.49 -0.57 0.00	17.78 -0.35 0.00	18.55 -0.45 0.00	19.90 -0.50 0.00	20.41 -0.47 0.00	23.62 -0.59 0.00	26.59 -0.39 0.00	31.55 -0.03 0.00	33.24 0.49 0.00	33.28 0.95 0.00	26.31 0.89 0.00	22.31 0.65 0.00	20.11 0.49 0.00
BLACKRVR_115KV_TB2 79977	14.74 -0.53 0.00	16.20 -0.74 0.00	14.22 -0.72 0.00	16.69 -0.81 0.00	17.54 -0.55 0.00	21.32 -0.05 0.00	22.35 0.12 0.00	28.19 -0.26 0.00	19.40 -0.95 0.00	18.98 -1.05 0.00	18.84 -0.73 0.00	18.49 -0.57 0.00	17.78 -0.35 0.00	18.55 -0.45 0.00	19.90 -0.50 0.00	20.41 -0.47 0.00	23.62 -0.59 0.00	26.59 -0.39 0.00	31.55 -0.03 0.00	33.23 0.49 0.00	33.28 0.95 0.00	26.31 0.89 0.00	22.31 0.65 0.00	20.12 0.49 0.00
BLISS_WT_PWR 323608	15.31 0.04 0.00	17.11 0.17 0.00	15.26 0.33 0.00	17.81 0.30 0.00	18.49 0.40 0.00	22.00 0.63 0.00	22.73 0.50 0.00	29.10 0.65 0.00	21.00 0.65 0.00	20.79 0.75 0.00	20.26 0.69 0.00	19.55 0.49 0.00	18.34 0.21 0.00	19.33 0.34 0.00	21.08 0.67 0.00	21.58 0.72 0.00	24.99 0.78 0.00	27.67 0.69 0.00	32.40 0.82 0.00	33.63 0.88 0.00	33.22 0.89 0.00	25.96 0.54 0.00	22.22 0.57 0.00	20.18 0.56 0.00
BLUESTONE___WT_PWR 323821	15.31 0.04 0.00	16.96 0.01 0.00	15.12 0.19 0.00	17.83 0.33 0.00	18.54 0.45 0.00	21.82 0.45 0.00	22.89 0.65 0.00	29.66 1.21 0.00	21.02 0.66 0.00	20.75 0.71 0.00	19.96 0.39 0.00	19.15 0.08 0.00	18.04 -0.09 0.00	18.62 -0.37 0.00	20.18 -0.23 0.00	20.65 -0.23 0.00	24.03 -0.18 0.00	27.46 0.48 0.00	32.36 0.79 0.00	34.13 1.38 0.00	33.91 1.58 0.00	26.51 1.09 0.00	22.48 0.82 0.00	20.32 0.69 0.00
BLUE_CIRC_CHEM_DRP 24182	15.67 0.40 0.00	17.37 0.42 0.00	15.32 0.38 0.00	17.91 0.40 0.00	18.47 0.39 0.00	21.70 0.33 0.00	22.57 0.34 0.00	28.99 0.54 0.00	20.68 0.32 0.00	20.22 0.19 0.00	19.73 0.16 0.00	19.20 0.14 0.00	18.27 0.13 0.00	19.13 0.14 0.00	20.53 0.12 0.00	21.01 0.14 0.00	24.42 0.21 0.00	27.21 0.24 0.00	32.05 0.48 0.00	33.29 0.54 0.00	32.84 0.51 0.00	25.84 0.42 0.00	21.95 0.29 0.00	19.87 0.24 0.00
BOC_GAS_DRP 24189	15.59 0.32 0.00	17.29 0.34 0.00	15.23 0.29 0.00	17.82 0.31 0.00	18.37 0.28 0.00	21.61 0.24 0.00	22.50 0.27 0.00	28.94 0.49 0.00	20.73 0.38 0.00	20.37 0.33 0.00	19.90 0.33 0.00	19.38 0.33 0.00	18.46 0.33 0.00	19.34 0.35 0.00	20.75 0.35 0.00	21.24 0.37 0.00	24.67 0.46 0.00	27.44 0.46 0.00	32.13 0.55 0.00	33.28 0.54 0.00	32.81 0.48 0.00	25.79 0.37 0.00	21.90 0.24 0.00	19.81 0.18 0.00
BOONVILLE_115KV_TB1 79983	15.28 0.01 0.00	16.86 -0.09 0.00	14.83 -0.11 0.00	17.39 -0.11 0.00	18.11 0.03 0.00	21.66 0.29 0.00	22.65 0.41 0.00	28.86 0.41 0.00	20.33 -0.02 0.00	19.98 -0.06 0.00	19.56 0.00 0.00	19.12 0.05 0.00	18.25 0.12 0.00	19.12 0.13 0.00	20.54 0.14 0.00	21.01 0.14 0.00	24.41 0.20 0.00	27.32 0.34 0.00	32.23 0.65 0.00	33.67 0.92 0.00	33.40 1.07 0.00	26.26 0.84 0.00	22.29 0.63 0.00	20.14 0.52 0.00
BORALEX_4TH_BRANCH 23824	16.07 0.80 0.00	17.87 0.93 0.00	15.76 0.82 0.00	18.46 0.95 0.00	19.04 0.96 0.00	22.16 0.79 0.00	23.03 0.80 0.00	29.76 1.30 0.00	21.20 0.85 0.00	20.70 0.66 0.00	20.11 0.55 0.00	19.52 0.46 0.00	18.54 0.41 0.00	19.39 0.40 0.00	20.76 0.36 0.00	21.29 0.42 0.00	24.77 0.56 0.00	27.46 0.48 0.00	32.42 0.84 0.00	33.65 0.90 0.00	33.11 0.77 0.00	26.33 0.92 0.00	22.29 0.64 0.00	20.19 0.57 0.00
BOWLINE___1 23526	16.00 0.73 0.00	17.70 0.75 0.00	15.55 0.61 0.00	18.22 0.71 0.00	18.78 0.69 0.00	22.23 0.86 0.00	23.20 0.96 0.00	29.96 1.51 0.00	21.56 1.20 0.00	21.22 1.18 0.00	20.86 1.29 0.00	20.34 1.28 0.00	19.38 1.25 0.00	20.36 1.37 0.00	21.85 1.45 0.00	22.42 1.55 0.00	26.09 1.88 0.00	28.91 1.93 0.00	33.69 2.12 0.00	34.79 2.04 0.00	34.27 1.94 0.00	26.78 1.36 0.00	22.61 0.95 0.00	20.39 0.76 0.00
BOWLINE___2 23595	16.00 0.73 0.00	17.70 0.75 0.00	15.55 0.61 0.00	18.22 0.71 0.00	18.78 0.69 0.00	22.23 0.86 0.00	23.20 0.96 0.00	29.96 1.51 0.00	21.56 1.21 0.00	21.22 1.18 0.00	20.86 1.29 0.00	20.34 1.28 0.00	19.38 1.25 0.00	20.36 1.37 0.00	21.85 1.45 0.00	22.42 1.55 0.00	26.09 1.88 0.00	28.91 1.93 0.00	33.69 2.12 0.00	34.79 2.04 0.00	34.27 1.94 0.00	26.78 1.36 0.00	22.61 0.95 0.00	20.39 0.76 0.00
BRADY___115KV_TB2 356060	15.13 -0.14 0.00	16.78 -0.16 0.00	14.79 -0.15 0.00	17.42 -0.09 0.00	18.14 0.05 0.00	21.59 0.22 0.00	22.57 0.34 0.00	28.54 0.10 0.00	20.24 -0.12 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.08 0.02 0.00	18.15 0.02 0.00	18.98 -0.02 0.00	20.42 0.02 0.00	20.93 0.06 0.00	24.19 -0.02 0.00	27.08 0.10 0.00	31.71 0.13 0.00	32.99 0.25 0.00	32.69 0.36 0.00	25.75 0.33 0.00	22.03 0.38 0.00	19.87 0.25 0.00
BRANSCOMB___SOLAR 323811	15.88 0.61 0.00	17.60 0.65 0.00	15.48 0.55 0.00	18.15 0.65 0.00	18.74 0.66 0.00	21.97 0.60 0.00	22.94 0.71 0.00	29.52 1.08 0.00	20.98 0.62 0.00	20.49 0.45 0.00	19.93 0.36 0.00	19.41 0.34 0.00	18.44 0.31 0.00	19.31 0.32 0.00	20.71 0.31 0.00	21.29 0.42 0.00	24.78 0.56 0.00	27.70 0.72 0.00	32.66 1.08 0.00	33.95 1.20 0.00	33.42 1.09 0.00	26.33 0.91 0.00	22.26 0.60 0.00	20.12 0.50 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	16.44 1.17 0.00	18.17 1.23 0.00	15.90 0.96 0.00	18.64 1.13 0.00	19.25 1.16 0.00	22.86 1.49 0.00	24.21 1.51 -0.47	30.71 2.22 -0.04	23.33 1.74 -1.24	22.17 1.81 -0.32	31.12 2.03 -9.53	22.76 2.00 -1.71	23.00 1.93 -2.94	21.10 2.04 -0.07	22.40 2.00 0.00	23.96 2.21 -0.88	27.36 2.65 -0.50	29.08 2.43 0.33	34.04 2.47 0.00	35.10 2.36 0.00	39.20 2.55 -4.32	27.53 1.95 -0.16	23.69 1.47 -0.56	21.01 1.32 -0.07



BRISTLHL_115KV_TB1 79998	15.06 -0.21 0.00	16.70 -0.24 0.00	14.73 -0.21 0.00	17.24 -0.27 0.00	17.81 -0.28 0.00	21.06 -0.32 0.00	21.89 -0.35 0.00	28.01 -0.44 0.00	20.02 -0.33 0.00	19.70 -0.34 0.00	19.22 -0.34 0.00	18.71 -0.35 0.00	17.79 -0.34 0.00	18.64 -0.35 0.00	20.01 -0.39 0.00	20.45 -0.42 0.00	23.71 -0.50 0.00	26.44 -0.54 0.00	31.03 -0.55 0.00	32.25 -0.50 0.00	31.88 -0.45 0.00	25.04 -0.38 0.00	21.29 -0.36 0.00	19.35 -0.28 0.00
BROOKHAVEN___DRP 24191	16.57 1.30 0.00	18.32 1.38 0.00	16.03 1.09 0.00	18.79 1.29 0.00	19.41 1.32 0.00	23.07 1.70 0.00	26.80 1.76 -2.80	31.21 2.50 -0.26	29.70 1.95 -7.39	23.97 2.01 -1.93	33.00 2.22 -11.22	23.17 2.16 -1.95	23.39 2.09 -3.17	21.23 2.18 -0.06	22.55 2.14 0.00	23.94 2.32 -0.74	27.43 2.79 -0.42	29.21 2.63 0.39	34.34 2.77 0.00	35.48 2.73 0.00	60.92 2.80 -25.80	28.51 2.13 -0.97	26.64 1.63 -3.36	21.47 1.45 -0.40
BROOKLYN_NAVY_YARD 23515	16.11 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.86 0.78 0.00	22.32 0.95 0.00	23.33 1.09 0.00	30.22 1.77 0.00	21.79 1.44 0.00	21.50 1.46 0.00	21.10 1.54 0.00	20.59 1.53 0.00	19.63 1.50 0.00	20.64 1.64 0.00	22.14 1.74 0.00	22.72 1.84 0.00	26.43 2.22 0.00	29.29 2.31 0.00	34.07 2.49 0.00	35.15 2.40 0.00	34.61 2.28 0.00	26.98 1.56 0.00	22.79 1.14 0.00	20.55 0.93 0.00
BROOKLYN___ARMY_DRP 323595	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
BROOKVLE_69_KV_TB1 55790	16.27 0.99 0.00	17.99 1.04 0.00	15.76 0.82 0.00	18.47 0.96 0.00	19.05 0.96 0.00	22.58 1.21 0.00	23.56 1.32 0.00	30.44 1.99 0.00	21.95 1.60 0.00	21.66 1.62 0.00	31.06 1.77 -9.72	24.34 1.75 -3.54	24.24 1.68 -4.44	21.04 1.79 -0.26	22.25 1.85 0.00	26.26 2.02 -3.37	28.61 2.47 -1.93	30.40 2.49 -0.93	34.20 2.62 -0.01	35.30 2.55 -0.01	34.84 2.51 0.00	27.23 1.81 0.00	23.00 1.34 0.00	20.74 1.12 0.00
BROOME_2_LFGE 323671	15.43 0.15 0.00	17.11 0.16 0.00	15.10 0.16 0.00	17.68 0.17 0.00	18.24 0.15 0.00	21.58 0.20 0.00	22.46 0.22 0.00	28.85 0.40 0.00	20.67 0.32 0.00	20.42 0.38 0.00	19.90 0.33 0.00	19.38 0.32 0.00	18.37 0.23 0.00	19.28 0.23 0.00	20.74 0.34 0.00	21.25 0.37 0.00	24.73 0.52 0.00	27.46 0.48 0.00	32.14 0.56 0.00	33.35 0.60 0.00	32.94 0.61 0.00	25.77 0.35 0.00	21.90 0.24 0.00	19.86 0.00 0.00
BROOME___LFGE 323600	15.43 0.15 0.00	17.11 0.16 0.00	15.10 0.16 0.00	17.68 0.17 0.00	18.24 0.15 0.00	21.58 0.20 0.00	22.46 0.22 0.00	28.85 0.40 0.00	20.67 0.32 0.00	20.42 0.38 0.00	19.90 0.33 0.00	19.38 0.32 0.00	18.37 0.23 0.00	19.28 0.29 0.00	20.74 0.34 0.00	21.25 0.37 0.00	24.73 0.52 0.00	27.46 0.48 0.00	32.14 0.56 0.00	33.35 0.60 0.00	32.94 0.61 0.00	25.77 0.35 0.00	21.90 0.24 0.00	19.86 0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	14.70 -0.58 0.00	16.21 -0.73 0.00	14.24 -0.70 0.00	16.78 -0.73 0.00	17.63 -0.46 0.00	21.24 -0.13 0.00	22.29 0.06 0.00	28.22 -0.23 0.00	19.76 -0.59 0.00	19.44 -0.59 0.00	19.08 -0.49 0.00	18.70 -0.36 0.00	17.89 -0.24 0.00	18.71 -0.29 0.00	20.10 -0.30 0.00	20.58 -0.29 0.00	23.84 -0.37 0.00	26.76 -0.22 0.00	31.55 -0.02 0.00	32.97 0.23 0.00	32.79 0.46 0.00	25.83 0.41 0.00	22.00 0.34 0.00	19.79 0.17 0.00
BROWNSV1_27_KV_LOAD 356125	16.26 0.99 0.00	17.97 1.03 0.00	15.77 0.83 0.00	18.47 0.97 0.00	19.04 0.95 0.00	22.53 1.16 0.00	23.57 1.33 0.00	30.51 2.06 0.00	22.01 1.66 0.00	21.71 1.68 0.00	21.33 1.76 0.00	20.80 1.74 0.00	19.81 1.68 0.00	20.85 1.86 0.00	22.37 1.97 0.00	22.96 2.08 0.00	26.72 2.51 0.00	29.60 2.62 0.00	34.44 2.86 0.00	35.52 2.77 0.00	35.00 2.68 0.00	27.29 1.87 0.00	23.04 1.38 0.00	20.75 1.13 0.00
BURROWS___LYONSDAL 23803	15.14 -0.13 0.00	16.68 -0.27 0.00	14.65 -0.29 0.00	17.20 -0.31 0.00	17.97 -0.12 0.00	21.58 0.20 0.00	22.59 0.35 0.00	28.73 0.28 0.00	20.15 -0.20 0.00	19.79 -0.25 0.00	19.41 -0.16 0.00	19.00 -0.07 0.00	18.16 0.03 0.00	19.04 0.05 0.00	20.45 0.05 0.00	20.92 0.05 0.00	24.29 0.08 0.00	27.21 0.23 0.00	32.14 0.56 0.00	33.62 0.87 0.00	33.40 1.07 0.00	26.27 0.85 0.00	22.29 0.64 0.00	20.13 0.51 0.00
CAITHNESS_CC_1 323624	16.51 1.24 0.00	18.25 1.31 0.00	15.97 1.03 0.00	18.72 1.22 0.00	19.33 1.25 0.00	22.97 1.60 0.00	26.69 1.65 -2.81	31.08 2.37 -0.26	29.61 1.85 -7.41	23.88 1.91 -1.93	32.91 2.12 -11.22	23.09 2.08 -1.94	23.33 2.03 -3.17	21.16 2.11 -0.06	22.47 2.07 0.00	23.87 2.26 -0.74	27.34 2.72 -0.42	29.10 2.52 0.40	34.19 2.62 0.00	35.34 2.60 0.00	60.83 2.67 -25.83	28.42 2.03 -0.97	26.57 1.55 -3.36	21.41 1.38 -0.40
CALPINE BETH_PAGE_GT4 24209	16.28 1.01 0.00	18.00 1.06 0.00	15.76 0.82 0.00	18.47 0.97 0.00	19.07 0.98 0.00	22.62 1.25 0.00	23.57 1.33 0.00	30.43 1.98 0.00	21.96 1.60 0.00	21.68 1.64 0.00	31.05 1.82 -9.66	23.89 1.78 -3.05	24.00 1.72 -4.16	21.00 1.82 -0.19	22.21 1.82 0.00	25.48 2.02 -2.59	28.16 2.47 -1.48	29.89 2.38 -0.53	34.02 2.45 0.00	35.15 2.40 0.00	34.76 2.43 0.00	27.20 1.78 0.00	22.99 1.33 0.00	20.76 1.13 0.00
CALPINE_BETH_PAGE_GT_4 323586	16.28 1.01 0.00	18.00 1.06 0.00	15.76 0.82 0.00	18.47 0.97 0.00	19.06 0.98 0.00	22.62 1.25 0.00	23.57 1.33 0.00	30.43 1.98 0.00	21.96 1.60 0.00	21.68 1.64 0.00	31.05 1.82 -9.66	23.89 1.78 -3.05	24.02 1.73 -4.16	21.01 1.82 -0.19	22.21 1.82 0.00	25.48 2.02 -2.59	28.17 2.48 -1.48	29.89 2.38 -0.53	34.02 2.45 0.00	35.16 2.41 0.00	34.76 2.42 0.00	27.20 1.78 0.00	22.99 1.33 0.00	20.76 1.13 0.00
CALPINE_BP_GT1 23823	16.28 1.01 0.00	18.00 1.06 0.00	15.76 0.82 0.00	18.47 0.97 0.00	19.06 0.98 0.00	22.62 1.25 0.00	23.57 1.33 0.00	30.43 1.98 0.00	21.96 1.60 0.00	21.68 1.64 0.00	31.05 1.82 -9.66	23.89 1.78 -3.05	24.02 1.73 -4.16	21.01 1.82 -0.19	22.21 1.82 0.00	25.48 2.02 -2.59	28.17 2.48 -1.48	29.89 2.38 -0.53	34.02 2.45 0.00	35.16 2.41 0.00	34.76 2.42 0.00	27.20 1.78 0.00	22.99 1.33 0.00	20.76 1.13 0.00
CALSPAN___DRP 24200	15.29 0.02 0.00	17.01 0.06 0.00	15.17 0.23 0.00	17.55 0.04 0.00	18.12 0.03 0.00	21.55 0.18 0.00	22.19 -0.04 0.00	28.27 -0.18 0.00	20.41 0.06 0.00	20.29 0.25 0.00	19.75 0.18 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.92 -0.07 0.00	20.65 0.25 0.00	21.08 0.20 0.00	24.36 0.14 0.00	27.04 0.06 0.00	31.67 0.09 0.00	32.89 0.14 0.00	32.47 0.14 0.00	25.49 0.07 0.00	21.84 0.19 0.00	19.91 0.29 0.00

CALVERTON___SOLAR 323806	16.64 1.37 0.00	18.39 1.45 0.00	16.09 1.15 0.00	18.87 1.36 0.00	19.48 1.39 0.00	23.17 1.80 0.00	26.90 1.87 -2.80	31.36 2.65 -0.26	29.78 2.06 -7.37	24.06 2.10 -1.92	33.09 2.31 -11.21	23.26 2.25 -1.94	23.48 2.18 -3.17	21.30 2.26 -0.06	22.62 2.21 0.00	24.01 2.39 -0.74	27.52 2.89 -0.42	29.32 2.74 0.39	34.50 2.93 0.00	35.63 2.89 0.00	61.00 2.94 -25.73	28.62 2.23 -0.96	26.71 1.71 -3.35	21.54 1.52 -0.40
CANDIGU_WT_PWR 323617	14.96 -0.32 0.00	16.61 -0.34 0.00	14.81 -0.13 0.00	17.31 -0.19 0.00	17.92 -0.16 0.00	21.30 -0.07 0.00	22.18 -0.05 0.00	28.43 -0.02 0.00	20.46 0.11 0.00	20.24 0.20 0.00	19.72 0.16 0.00	19.04 -0.02 0.00	17.82 -0.31 0.00	18.77 -0.22 0.00	20.44 0.04 0.00	20.99 0.12 0.00	24.44 0.23 0.00	27.11 0.12 0.00	31.80 0.23 0.00	33.13 0.38 0.00	32.74 0.41 0.00	25.58 0.16 0.00	21.82 0.17 0.00	19.79 0.16 0.00
CARR STREET_E_SYR 24060	15.20 -0.07 0.00	16.86 -0.09 0.00	14.87 -0.07 0.00	17.40 -0.11 0.00	17.97 -0.12 0.00	21.25 -0.12 0.00	22.09 -0.14 0.00	28.29 -0.16 0.00	20.24 -0.11 0.00	19.92 -0.11 0.00	19.45 -0.12 0.00	18.94 -0.13 0.00	17.99 -0.14 0.00	18.86 -0.13 0.00	20.26 -0.14 0.00	20.71 -0.17 0.00	24.03 -0.18 0.00	26.77 -0.21 0.00	31.40 -0.18 0.00	32.60 -0.15 0.00	32.20 -0.13 0.00	25.28 -0.14 0.00	21.50 -0.15 0.00	19.51 -0.11 0.00
CARTHAGE___PAPER 23857	14.85 -0.42 0.00	16.32 -0.62 0.00	14.32 -0.62 0.00	16.82 -0.68 0.00	17.69 -0.40 0.00	21.49 0.12 0.00	22.54 0.31 0.00	28.44 -0.01 0.00	19.64 -0.71 0.00	19.23 -0.81 0.00	18.99 -0.57 0.00	18.67 -0.39 0.00	17.93 -0.20 0.00	18.73 -0.26 0.00	20.10 -0.30 0.00	20.59 -0.28 0.00	23.85 -0.36 0.00	26.84 -0.14 0.00	31.83 0.26 0.00	33.51 0.76 0.00	33.48 1.15 0.00	26.43 1.01 0.00	22.44 0.78 0.00	20.22 0.60 0.00
CASSADAGA_WT_PWR 323784	15.62 0.35 0.00	17.38 0.43 0.00	15.43 0.49 0.00	17.89 0.38 0.00	18.52 0.44 0.00	22.16 0.78 0.00	22.89 0.66 0.00	29.28 0.84 0.00	21.11 0.76 0.00	20.93 0.89 0.00	20.50 0.93 0.00	19.92 0.86 0.00	18.78 0.65 0.00	19.76 0.77 0.00	21.47 1.07 0.00	21.95 1.07 0.00	25.42 1.21 0.00	28.13 1.15 0.00	32.86 1.28 0.00	34.10 1.36 0.00	33.69 1.37 0.00	26.16 0.74 0.00	22.25 0.59 0.00	20.15 0.53 0.00
CE_DUNWOOD___DRP 24194	16.10 0.83 0.00	17.81 0.86 0.00	15.64 0.70 0.00	18.32 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.32 1.09 0.00	30.14 1.69 0.00	21.71 1.36 0.00	21.39 1.35 0.00	21.00 1.43 0.00	20.46 1.40 0.00	19.49 1.36 0.00	20.49 1.50 0.00	21.97 1.57 0.00	22.54 1.67 0.00	26.23 2.02 0.00	29.07 2.09 0.00	33.88 2.30 0.00	34.98 2.23 0.00	34.47 2.14 0.00	26.92 1.50 0.00	22.74 1.08 0.00	20.50 0.88 0.00
CE_MILLWOOD___DRP 24193	16.08 0.81 0.00	17.79 0.84 0.00	15.62 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.31 0.94 0.00	23.29 1.06 0.00	30.10 1.65 0.00	21.67 1.32 0.00	21.34 1.31 0.00	20.95 1.38 0.00	20.42 1.37 0.00	19.44 1.32 0.00	20.44 1.45 0.00	21.92 1.52 0.00	22.49 1.62 0.00	26.17 1.96 0.00	29.01 2.03 0.00	33.81 2.24 0.00	34.91 2.17 0.00	34.40 2.07 0.00	26.88 1.46 0.00	22.70 1.04 0.00	20.47 0.85 0.00
CE_NYC2_DRP 24202	16.14 0.87 0.00	17.84 0.89 0.00	15.66 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.37 0.99 0.00	23.37 1.13 0.00	30.25 1.81 0.00	21.82 1.47 0.00	21.53 1.49 0.00	21.13 1.56 0.00	20.61 1.55 0.00	19.64 1.51 0.00	20.66 1.67 0.00	22.17 1.77 0.00	22.75 1.88 0.00	26.48 2.27 0.00	29.32 2.34 0.00	34.08 2.51 0.00	35.17 2.43 0.00	34.65 2.33 0.00	27.02 1.60 0.00	22.83 1.17 0.00	20.57 0.94 0.00
CE_NYC_DRP 24195	16.15 0.87 0.00	17.85 0.90 0.00	15.66 0.73 0.00	18.35 0.84 0.00	18.91 0.82 0.00	22.37 0.99 0.00	23.39 1.15 0.00	30.26 1.81 0.00	21.84 1.48 0.00	21.54 1.51 0.00	21.15 1.59 0.00	20.64 1.58 0.00	19.66 1.53 0.00	20.69 1.70 0.00	22.20 1.81 0.00	22.79 1.92 0.00	26.52 2.31 0.00	29.37 2.39 0.00	34.16 2.59 0.00	35.23 2.49 0.00	34.70 2.38 0.00	27.06 1.64 0.00	22.84 1.19 0.00	20.59 0.96 0.00
CHAFFEE___LFGE 323603	15.41 0.14 0.00	17.13 0.18 0.00	15.27 0.33 0.00	17.66 0.15 0.00	18.25 0.16 0.00	21.70 0.33 0.00	22.38 0.14 0.00	28.55 0.10 0.00	20.63 0.27 0.00	20.47 0.43 0.00	19.92 0.35 0.00	19.31 0.25 0.00	18.20 0.07 0.00	19.09 0.09 0.00	20.82 0.41 0.00	21.25 0.38 0.00	24.59 0.38 0.00	27.29 0.31 0.00	31.99 0.41 0.00	33.20 0.45 0.00	32.80 0.47 0.00	25.74 0.32 0.00	22.04 0.39 0.00	20.04 0.42 0.00
CHATEAUG_35_KV_LOAD 355732	15.09 -0.18 0.00	16.83 -0.11 0.00	14.75 -0.18 0.00	17.75 0.24 0.00	18.50 0.42 0.00	21.90 0.53 0.00	22.76 0.52 0.00	28.57 0.12 0.00	20.38 0.03 0.00	20.09 0.05 0.00	19.58 0.02 0.00	19.12 0.05 0.00	18.20 0.07 0.00	19.10 0.10 0.00	20.43 0.03 0.00	21.07 0.20 0.00	24.49 0.28 0.00	27.55 0.57 0.00	32.40 0.83 0.00	33.58 0.83 0.00	33.11 0.78 0.00	26.06 0.64 0.00	22.25 0.59 0.00	20.18 0.56 0.00
CHATEAUG_WT_PWR 323614	15.04 -0.23 0.00	16.79 -0.15 0.00	14.70 -0.24 0.00	17.76 0.26 0.00	18.53 0.44 0.00	21.91 0.54 0.00	22.79 0.55 0.00	28.56 0.11 0.00	20.37 0.02 0.00	20.09 0.06 0.00	19.55 -0.01 0.00	19.13 0.06 0.00	18.17 0.04 0.00	19.07 0.08 0.00	20.40 -0.01 0.00	21.07 0.20 0.00	24.54 0.32 0.00	27.62 0.64 0.00	32.48 0.91 0.00	33.65 0.90 0.00	33.16 0.83 0.00	26.08 0.66 0.00	22.24 0.59 0.00	20.20 0.57 0.00
CHAT_HIGH_FALL_HYD 323578	15.09 -0.18 0.00	16.83 -0.11 0.00	14.75 -0.18 0.00	17.75 0.24 0.00	18.50 0.42 0.00	21.90 0.53 0.00	22.76 0.52 0.00	28.57 0.12 0.00	20.38 0.03 0.00	20.09 0.05 0.00	19.58 0.02 0.00	19.12 0.05 0.00	18.20 0.07 0.00	19.10 0.10 0.00	20.43 0.03 0.00	21.07 0.20 0.00	24.49 0.28 0.00	27.55 0.57 0.00	32.40 0.83 0.00	33.58 0.83 0.00	33.11 0.78 0.00	26.06 0.64 0.00	22.25 0.59 0.00	20.18 0.56 0.00
CHAUTAUQUA___LFGE 323629	15.47 0.20 0.00	17.19 0.24 0.00	15.28 0.35 0.00	17.72 0.22 0.00	18.34 0.25 0.00	21.85 0.48 0.00	22.56 0.33 0.00	28.80 0.35 0.00	20.76 0.40 0.00	20.60 0.56 0.00	20.13 0.57 0.00	19.58 0.52 0.00	18.47 0.33 0.00	19.42 0.43 0.00	21.11 0.71 0.00	21.57 0.70 0.00	25.01 0.80 0.00	27.66 0.68 0.00	32.32 0.75 0.00	33.56 0.81 0.00	33.19 0.87 0.00	25.86 0.44 0.00	22.05 0.40 0.00	20.01 0.39 0.00
CHERRYST_13_KV_LD 356241	16.18 0.91 0.00	17.89 0.94 0.00	15.70 0.76 0.00	18.39 0.88 0.00	18.96 0.87 0.00	22.43 1.05 0.00	23.45 1.22 0.00	30.36 1.91 0.00	21.90 1.55 0.00	21.62 1.58 0.00	21.23 1.66 0.00	20.71 1.65 0.00	19.73 1.60 0.00	20.77 1.78 0.00	22.29 1.89 0.00	22.87 1.99 0.00	26.61 2.40 0.00	29.48 2.50 0.00	34.27 2.70 0.00	35.34 2.59 0.00	34.80 2.47 0.00	27.13 1.72 0.00	22.90 1.25 0.00	20.64 1.02 0.00

CHESTROR_138KV_BK263 355645	15.95 0.68 0.00	17.65 0.70 0.00	15.51 0.57 0.00	18.17 0.67 0.00	18.74 0.65 0.00	22.17 0.80 0.00	23.13 0.89 0.00	29.84 1.39 0.00	21.45 1.10 0.00	21.09 1.06 0.00	20.71 1.14 0.00	20.19 1.13 0.00	19.22 1.09 0.00	20.20 1.21 0.00	21.67 1.27 0.00	22.24 1.37 0.00	25.87 1.66 0.00	28.71 1.73 0.00	33.50 1.93 0.00	34.62 1.88 0.00	34.12 1.80 0.00	26.68 1.26 0.00	22.55 0.89 0.00	20.33 0.71 0.00
CH_MIDHUDSON___DRP 24192	16.26 0.99 0.00	17.98 1.03 0.00	15.79 0.86 0.00	18.50 0.99 0.00	19.07 0.98 0.00	22.57 1.20 0.00	23.59 1.35 0.00	30.47 2.02 0.00	21.90 1.54 0.00	21.50 1.47 0.00	21.04 1.48 0.00	20.51 1.45 0.00	19.53 1.40 0.00	20.54 1.55 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.17 0.00	29.34 2.36 0.00	34.30 2.73 0.00	35.47 2.73 0.00	34.94 2.61 0.00	27.29 1.88 0.00	23.03 1.37 0.00	20.73 1.11 0.00
CH_MISC_IPPS 23765	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.84 0.00	18.47 0.97 0.00	19.05 0.96 0.00	22.55 1.17 0.00	23.55 1.32 0.00	30.42 1.97 0.00	21.86 1.51 0.00	21.47 1.43 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.54 1.41 0.00	20.53 1.54 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.16 0.00	29.31 2.33 0.00	34.24 2.67 0.00	35.41 2.66 0.00	34.88 2.55 0.00	27.24 1.83 0.00	22.98 1.33 0.00	20.70 1.08 0.00
CH_RES_BVR_FALLS 23983	14.87 -0.40 0.00	16.49 -0.45 0.00	14.58 -0.36 0.00	17.11 -0.39 0.00	17.81 -0.28 0.00	21.25 -0.13 0.00	22.12 -0.11 0.00	28.20 -0.25 0.00	20.04 -0.32 0.00	19.76 -0.27 0.00	19.32 -0.24 0.00	18.87 -0.20 0.00	18.01 -0.12 0.00	18.88 -0.11 0.00	20.32 -0.08 0.00	20.80 -0.07 0.00	24.12 -0.09 0.00	26.92 -0.05 0.00	31.49 -0.08 0.00	32.68 -0.07 0.00	32.28 -0.05 0.00	25.40 -0.02 0.00	21.69 0.04 0.00	19.65 0.02 0.00
CH_RES_NIAGARA 23895	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.21 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.05 -1.40 0.00	19.52 -0.83 0.00	19.40 -0.64 0.00	18.93 -0.63 0.00	18.39 -0.67 0.00	17.37 -0.76 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.24 -0.63 0.00	23.30 -0.91 0.00	25.89 -1.09 0.00	30.35 -1.23 0.00	31.46 -1.28 0.00	30.98 -1.35 0.00	24.34 -1.08 0.00	20.95 -0.71 0.00	19.26 -0.36 0.00
CH_RES_SYRACUSE 23985	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.03 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.79 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00
CLINTON_WT_PWR 323605	15.04 -0.23 0.00	16.79 -0.15 0.00	14.70 -0.24 0.00	17.76 0.26 0.00	18.53 0.44 0.00	21.91 0.54 0.00	22.79 0.55 0.00	28.56 0.11 0.00	20.37 0.02 0.00	20.09 0.06 0.00	19.55 -0.01 0.00	19.13 0.06 0.00	18.17 0.04 0.00	19.07 0.08 0.00	20.40 -0.01 0.00	21.07 0.20 0.00	24.54 0.32 0.00	27.62 0.64 0.00	32.48 0.91 0.00	33.65 0.90 0.00	33.16 0.83 0.00	26.08 0.66 0.00	22.24 0.59 0.00	20.20 0.57 0.00
CLINTON___LFGE 323618	15.24 -0.03 0.00	17.00 0.06 0.00	14.84 -0.10 0.00	18.09 0.58 0.00	18.89 0.80 0.00	22.31 0.93 0.00	23.29 1.06 0.00	29.11 0.66 0.00	20.72 0.37 0.00	20.43 0.40 0.00	19.85 0.28 0.00	19.43 0.37 0.00	18.44 0.31 0.00	19.35 0.36 0.00	20.69 0.29 0.00	21.45 0.57 0.00	25.00 0.78 0.00	28.16 1.18 0.00	33.21 1.64 0.00	34.42 1.67 0.00	33.90 1.57 0.00	26.66 1.24 0.00	22.68 1.02 0.00	20.59 0.97 0.00
COBBLENY_34_KV_TB1 80064	15.41 0.14 0.00	17.13 0.18 0.00	15.27 0.33 0.00	17.66 0.15 0.00	18.25 0.16 0.00	21.70 0.33 0.00	22.38 0.14 0.00	28.55 0.10 0.00	20.62 0.27 0.00	20.47 0.43 0.00	19.92 0.35 0.00	19.31 0.25 0.00	18.21 0.07 0.00	19.09 0.09 0.00	20.82 0.41 0.00	21.25 0.38 0.00	24.59 0.38 0.00	27.29 0.31 0.00	31.99 0.41 0.00	33.22 0.47 0.00	32.80 0.47 0.00	25.74 0.32 0.00	22.04 0.38 0.00	20.07 0.45 0.00
COFFEEN___115KV_TB3 355620	14.84 -0.44 0.00	16.31 -0.64 0.00	14.31 -0.63 0.00	16.79 -0.71 0.00	17.63 -0.45 0.00	21.43 0.06 0.00	22.47 0.24 0.00	28.31 -0.14 0.00	19.45 -0.90 0.00	19.00 -1.03 0.00	18.90 -0.66 0.00	18.51 -0.55 0.00	17.82 -0.32 0.00	18.54 -0.45 0.00	19.90 -0.50 0.00	20.41 -0.46 0.00	23.62 -0.59 0.00	26.61 -0.37 0.00	31.56 -0.02 0.00	33.30 0.56 0.00	33.39 1.06 0.00	26.44 1.02 0.00	22.42 0.76 0.00	20.20 0.58 0.00
COLDSPRG_115KV_BK1 355956	15.88 0.61 0.00	17.64 0.69 0.00	15.65 0.72 0.00	18.20 0.70 0.00	18.81 0.72 0.00	22.42 1.05 0.00	23.20 0.97 0.00	29.74 1.29 0.00	21.43 1.08 0.00	21.31 1.27 0.00	20.82 1.25 0.00	20.22 1.16 0.00	19.02 0.89 0.00	20.00 1.01 0.00	21.69 1.29 0.00	22.18 1.31 0.00	25.70 1.49 0.00	28.41 1.43 0.00	33.16 1.58 0.00	34.44 1.69 0.00	34.02 1.69 0.00	26.53 1.11 0.00	22.63 0.97 0.00	20.57 0.94 0.00
COLONIE_LFGE___ 323577	15.79 0.52 0.00	17.52 0.58 0.00	15.44 0.50 0.00	18.07 0.57 0.00	18.65 0.56 0.00	21.85 0.47 0.00	22.76 0.52 0.00	29.31 0.86 0.00	20.92 0.56 0.00	20.49 0.45 0.00	19.96 0.39 0.00	19.41 0.35 0.00	18.46 0.33 0.00	19.33 0.34 0.00	20.72 0.32 0.00	21.25 0.37 0.00	24.68 0.47 0.00	27.48 0.50 0.00	32.33 0.75 0.00	33.50 0.75 0.00	32.99 0.67 0.00	26.05 0.63 0.00	22.07 0.42 0.00	19.98 0.36 0.00
COOPERNY_115KV_TB1 80082	15.85 0.57 0.00	17.54 0.60 0.00	15.43 0.49 0.00	18.07 0.57 0.00	18.63 0.54 0.00	22.05 0.68 0.00	23.00 0.76 0.00	29.62 1.17 0.00	21.29 0.94 0.00	20.95 0.92 0.00	20.56 1.00 0.00	20.04 0.98 0.00	19.07 0.94 0.00	20.04 1.05 0.00	21.50 1.10 0.00	22.05 1.18 0.00	25.66 1.45 0.00	28.47 1.49 0.00	33.24 1.66 0.00	34.36 1.61 0.00	33.87 1.54 0.00	26.49 1.07 0.00	22.41 0.75 0.00	20.23 0.60 0.00
COPENHAGEN_WT_PWR 323753	14.58 -0.69 0.00	16.03 -0.92 0.00	14.06 -0.88 0.00	16.50 -1.01 0.00	17.36 -0.73 0.00	21.17 -0.20 0.00	22.19 -0.05 0.00	27.97 -0.48 0.00	19.22 -1.13 0.00	18.82 -1.22 0.00	18.68 -0.88 0.00	18.39 -0.67 0.00	17.70 -0.43 0.00	18.48 -0.52 0.00	19.82 -0.58 0.00	20.34 -0.54 0.00	23.53 -0.68 0.00	26.50 -0.48 0.00	31.46 -0.12 0.00	33.12 0.37 0.00	33.13 0.80 0.00	26.19 0.77 0.00	22.21 0.55 0.00	20.04 0.41 0.00
CORNELL_____ 23752	15.53 0.26 0.00	17.21 0.27 0.00	15.20 0.26 0.00	17.79 0.28 0.00	18.37 0.29 0.00	21.76 0.39 0.00	22.67 0.43 0.00	29.05 0.60 0.00	20.71 0.36 0.00	20.36 0.32 0.00	19.78 0.21 0.00	19.23 0.16 0.00	18.21 0.08 0.00	19.12 0.13 0.00	20.57 0.17 0.00	21.06 0.19 0.00	24.53 0.32 0.00	27.40 0.42 0.00	32.26 0.69 0.00	33.65 0.91 0.00	33.29 0.96 0.00	26.07 0.65 0.00	22.13 0.47 0.00	20.03 0.41 0.00

CORONA__69_KV_TB1 355595	16.26 0.98 0.00	17.97 1.03 0.00	15.74 0.80 0.00	18.44 0.94 0.00	19.04 0.95 0.00	22.59 1.21 0.00	23.52 1.29 0.00	30.38 1.93 0.00	21.91 1.55 0.00	21.62 1.59 0.00	34.47 1.75 -13.15	33.10 1.71 -12.32	32.98 1.66 -13.19	21.75 1.76 -0.99	22.20 1.80 0.00	35.87 1.98 -13.03	34.11 2.41 -7.49	35.16 2.39 -5.79	34.14 2.50 -0.06	35.23 2.44 -0.04	34.73 2.40 0.00	27.18 1.76 0.00	22.97 1.31 0.00	20.74 1.11 0.00
CORTLAND__115KV_TB3 80093	15.57 0.30 0.00	17.24 0.29 0.00	15.20 0.26 0.00	17.79 0.29 0.00	18.41 0.33 0.00	21.82 0.44 0.00	22.77 0.54 0.00	29.14 0.69 0.00	20.70 0.35 0.00	20.29 0.26 0.00	19.76 0.20 0.00	19.22 0.16 0.00	18.27 0.13 0.00	19.15 0.16 0.00	20.61 0.21 0.00	21.07 0.20 0.00	24.47 0.26 0.00	27.36 0.38 0.00	32.21 0.64 0.00	33.66 0.92 0.00	33.39 1.06 0.00	26.21 0.79 0.00	22.24 0.58 0.00	20.13 0.51 0.00
COXSACKIE__GT 23611	16.05 0.78 0.00	17.78 0.83 0.00	15.69 0.75 0.00	18.32 0.81 0.00	18.91 0.82 0.00	22.19 0.82 0.00	23.13 0.89 0.00	29.74 1.29 0.00	21.11 0.75 0.00	20.46 0.42 0.00	19.80 0.23 0.00	19.26 0.20 0.00	18.30 0.17 0.00	19.19 0.20 0.00	20.57 0.17 0.00	21.07 0.20 0.00	24.56 0.35 0.00	27.54 0.56 0.00	32.70 1.12 0.00	34.20 1.45 0.00	33.81 1.48 0.00	26.61 1.19 0.00	22.55 0.90 0.00	20.36 0.73 0.00
CPV__VALLEY__CC1 323721	15.85 0.58 0.00	17.54 0.60 0.00	15.42 0.48 0.00	18.06 0.55 0.00	18.62 0.53 0.00	22.03 0.66 0.00	22.98 0.75 0.00	29.63 1.18 0.00	21.31 0.96 0.00	20.97 0.93 0.00	20.59 1.02 0.00	20.07 1.01 0.00	19.12 0.98 0.00	20.08 1.09 0.00	21.54 1.14 0.00	22.09 1.22 0.00	25.70 1.49 0.00	28.50 1.52 0.00	33.25 1.68 0.00	34.36 1.62 0.00	33.86 1.54 0.00	26.48 1.06 0.00	22.40 0.74 0.00	20.21 0.58 0.00
CPV__VALLEY__CC2 323722	15.85 0.58 0.00	17.54 0.60 0.00	15.42 0.48 0.00	18.06 0.55 0.00	18.62 0.53 0.00	22.03 0.66 0.00	22.98 0.75 0.00	29.63 1.18 0.00	21.31 0.96 0.00	20.97 0.93 0.00	20.59 1.02 0.00	20.07 1.01 0.00	19.12 0.98 0.00	20.08 1.09 0.00	21.54 1.14 0.00	22.09 1.22 0.00	25.70 1.49 0.00	28.50 1.52 0.00	33.25 1.68 0.00	34.36 1.62 0.00	33.86 1.54 0.00	26.48 1.06 0.00	22.40 0.74 0.00	20.21 0.58 0.00
CRESCENT__HYD 24018	15.79 0.52 0.00	17.52 0.58 0.00	15.44 0.50 0.00	18.07 0.57 0.00	18.65 0.56 0.00	21.85 0.47 0.00	22.76 0.52 0.00	29.31 0.86 0.00	20.92 0.56 0.00	20.49 0.45 0.00	19.96 0.39 0.00	19.41 0.35 0.00	18.46 0.33 0.00	19.33 0.34 0.00	20.72 0.32 0.00	21.25 0.37 0.00	24.68 0.47 0.00	27.48 0.50 0.00	32.33 0.75 0.00	33.50 0.75 0.00	32.99 0.67 0.00	26.05 0.63 0.00	22.07 0.42 0.00	19.98 0.36 0.00
CRICKET__VALLEY_CC1 323756	16.01 0.73 0.00	17.71 0.77 0.00	15.57 0.63 0.00	18.22 0.71 0.00	18.77 0.69 0.00	22.15 0.78 0.00	23.10 0.87 0.00	29.85 1.40 0.00	21.47 1.12 0.00	21.10 1.07 0.00	20.65 1.08 0.00	20.10 1.04 0.00	19.11 0.98 0.00	20.03 1.04 0.00	21.43 1.03 0.00	21.96 1.09 0.00	25.54 1.33 0.00	28.37 1.39 0.00	33.23 1.66 0.00	34.44 1.69 0.00	33.90 1.57 0.00	26.55 1.14 0.00	22.44 0.78 0.00	20.26 0.64 0.00
CRICKET__VALLEY_CC2 323757	16.01 0.73 0.00	17.71 0.77 0.00	15.57 0.63 0.00	18.22 0.71 0.00	18.77 0.69 0.00	22.15 0.78 0.00	23.10 0.87 0.00	29.85 1.40 0.00	21.47 1.12 0.00	21.10 1.07 0.00	20.65 1.08 0.00	20.10 1.04 0.00	19.11 0.98 0.00	20.03 1.04 0.00	21.43 1.03 0.00	21.96 1.09 0.00	25.54 1.33 0.00	28.37 1.39 0.00	33.23 1.66 0.00	34.44 1.69 0.00	33.90 1.57 0.00	26.55 1.14 0.00	22.44 0.78 0.00	20.26 0.64 0.00
CRICKET__VALLEY_CC3 323758	16.01 0.73 0.00	17.71 0.77 0.00	15.57 0.63 0.00	18.22 0.71 0.00	18.77 0.69 0.00	22.15 0.78 0.00	23.10 0.87 0.00	29.85 1.40 0.00	21.47 1.12 0.00	21.10 1.07 0.00	20.65 1.08 0.00	20.10 1.04 0.00	19.11 0.98 0.00	20.03 1.04 0.00	21.43 1.03 0.00	21.96 1.09 0.00	25.54 1.33 0.00	28.37 1.39 0.00	33.23 1.66 0.00	34.44 1.69 0.00	33.90 1.57 0.00	26.55 1.14 0.00	22.44 0.78 0.00	20.26 0.64 0.00
CRUCIBLE__METL_DRP 24180	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.78 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00
DAHOWA__HYDRO 323763	15.89 0.62 0.00	17.60 0.66 0.00	15.48 0.54 0.00	18.16 0.65 0.00	18.75 0.66 0.00	21.97 0.60 0.00	22.97 0.74 0.00	29.57 1.13 0.00	21.01 0.65 0.00	20.51 0.47 0.00	19.93 0.36 0.00	19.41 0.34 0.00	18.44 0.31 0.00	19.32 0.33 0.00	20.72 0.31 0.00	21.29 0.42 0.00	24.78 0.57 0.00	27.74 0.76 0.00	32.72 1.15 0.00	34.03 1.29 0.00	33.49 1.16 0.00	26.38 0.96 0.00	22.28 0.62 0.00	20.13 0.51 0.00
DANC__LFGE 323619	14.78 -0.49 0.00	16.30 -0.64 0.00	14.33 -0.61 0.00	16.80 -0.71 0.00	17.54 -0.55 0.00	21.12 -0.25 0.00	22.05 -0.18 0.00	27.96 -0.49 0.00	19.51 -0.84 0.00	19.13 -0.90 0.00	18.88 -0.68 0.00	18.51 -0.55 0.00	17.74 -0.40 0.00	18.53 -0.46 0.00	19.87 -0.53 0.00	20.36 -0.52 0.00	23.56 -0.65 0.00	26.44 -0.54 0.00	31.25 -0.33 0.00	32.75 0.01 0.00	32.65 0.32 0.00	25.76 0.34 0.00	21.87 0.21 0.00	19.77 0.15 0.00
DANSKAMMER__1 23586	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.84 0.00	18.47 0.97 0.00	19.05 0.96 0.00	22.55 1.17 0.00	23.55 1.32 0.00	30.42 1.97 0.00	21.86 1.51 0.00	21.47 1.43 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.54 1.41 0.00	20.53 1.54 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.16 0.00	29.31 2.33 0.00	34.24 2.67 0.00	35.41 2.66 0.00	34.88 2.55 0.00	27.24 1.83 0.00	22.98 1.33 0.00	20.70 1.08 0.00
DANSKAMMER__2 23589	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.84 0.00	18.47 0.97 0.00	19.05 0.96 0.00	22.55 1.17 0.00	23.55 1.32 0.00	30.42 1.97 0.00	21.86 1.51 0.00	21.47 1.43 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.54 1.41 0.00	20.53 1.54 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.16 0.00	29.31 2.33 0.00	34.24 2.67 0.00	35.41 2.66 0.00	34.88 2.55 0.00	27.24 1.83 0.00	22.98 1.33 0.00	20.70 1.08 0.00
DANSKAMMER__3 23590	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.84 0.00	18.47 0.97 0.00	19.05 0.96 0.00	22.55 1.17 0.00	23.55 1.32 0.00	30.42 1.97 0.00	21.86 1.51 0.00	21.47 1.43 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.54 1.41 0.00	20.53 1.54 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.16 0.00	29.31 2.33 0.00	34.24 2.67 0.00	35.41 2.66 0.00	34.88 2.55 0.00	27.24 1.83 0.00	22.98 1.33 0.00	20.70 1.08 0.00

DANSKAMMER___4 23591	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.84 0.00	18.47 0.97 0.00	19.05 0.96 0.00	22.55 1.17 0.00	23.55 1.32 0.00	30.42 1.97 0.00	21.86 1.51 0.00	21.47 1.43 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.54 1.41 0.00	20.53 1.54 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.16 0.00	29.31 2.33 0.00	34.24 2.67 0.00	35.41 2.66 0.00	34.88 2.55 0.00	27.24 1.83 0.00	22.98 1.33 0.00	20.70 1.08 0.00
DANSKAMMER___DIESEL 23592	16.24 0.96 0.00	17.96 1.01 0.00	15.78 0.84 0.00	18.47 0.97 0.00	19.05 0.96 0.00	22.55 1.17 0.00	23.55 1.32 0.00	30.42 1.97 0.00	21.87 1.51 0.00	21.47 1.43 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.53 1.39 0.00	20.53 1.54 0.00	22.04 1.64 0.00	22.62 1.75 0.00	26.37 2.16 0.00	29.31 2.33 0.00	34.25 2.67 0.00	35.41 2.66 0.00	34.87 2.55 0.00	27.24 1.83 0.00	22.99 1.33 0.00	20.70 1.08 0.00
DARBY___SOLAR 323810	15.88 0.61 0.00	17.60 0.65 0.00	15.48 0.54 0.00	18.15 0.65 0.00	18.74 0.66 0.00	21.97 0.60 0.00	22.95 0.72 0.00	29.55 1.10 0.00	21.00 0.64 0.00	20.51 0.47 0.00	19.94 0.37 0.00	19.42 0.36 0.00	18.45 0.32 0.00	19.32 0.33 0.00	20.73 0.32 0.00	21.30 0.43 0.00	24.78 0.57 0.00	27.74 0.76 0.00	32.70 1.13 0.00	33.98 1.23 0.00	33.45 1.12 0.00	26.35 0.93 0.00	22.27 0.61 0.00	20.13 0.51 0.00
DASHVILLE___HYD 23610	16.13 0.85 0.00	17.84 0.90 0.00	15.67 0.73 0.00	18.35 0.85 0.00	18.92 0.83 0.00	22.42 1.05 0.00	23.43 1.19 0.00	30.25 1.80 0.00	21.79 1.43 0.00	21.43 1.39 0.00	21.00 1.44 0.00	20.47 1.41 0.00	19.49 1.36 0.00	20.50 1.51 0.00	21.98 1.58 0.00	22.54 1.67 0.00	26.26 2.05 0.00	29.18 2.20 0.00	34.04 2.47 0.00	35.18 2.44 0.00	34.67 2.34 0.00	27.07 1.65 0.00	22.84 1.18 0.00	20.57 0.95 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	16.93 1.65 0.00	18.72 1.78 0.00	16.38 1.44 0.00	19.21 1.71 0.00	19.85 1.76 0.00	23.62 2.24 0.00	27.41 2.37 -2.80	32.03 3.32 -0.26	30.27 2.54 -7.38	24.53 2.57 -1.92	33.55 2.77 -11.22	23.69 2.68 -1.95	23.85 2.54 -3.17	21.70 2.65 -0.06	23.03 2.62 0.00	24.42 2.81 -0.75	28.05 3.41 -0.42	29.91 3.32 0.39	35.19 3.62 0.00	36.35 3.61 0.00	61.79 3.68 -25.78	29.17 2.78 -0.97	27.17 2.16 -3.35	21.93 1.91 -0.40
DELAWARE___LFGE 323621	15.71 0.44 0.00	17.43 0.48 0.00	15.36 0.42 0.00	17.99 0.48 0.00	18.57 0.48 0.00	21.96 0.59 0.00	22.96 0.73 0.00	30.51 2.07 0.00	21.69 1.33 0.00	21.31 1.27 0.00	20.31 0.74 0.00	19.73 0.67 0.00	18.75 0.62 0.00	19.67 0.68 0.00	21.13 0.72 0.00	21.64 0.76 0.00	25.15 0.94 0.00	28.01 1.03 0.00	32.77 1.20 0.00	34.00 1.26 0.00	33.56 1.23 0.00	26.30 0.88 0.00	22.31 0.65 0.00	20.18 0.55 0.00
DERFIELD_115KV_TB7 355931	15.32 0.05 0.00	16.99 0.05 0.00	14.97 0.04 0.00	17.54 0.04 0.00	18.11 0.03 0.00	21.40 0.02 0.00	22.26 0.03 0.00	28.55 0.10 0.00	20.41 0.06 0.00	20.08 0.04 0.00	19.61 0.05 0.00	19.11 0.05 0.00	18.17 0.04 0.00	19.05 0.06 0.00	20.44 0.04 0.00	20.93 0.06 0.00	24.30 0.09 0.00	27.07 0.09 0.00	31.70 0.12 0.00	32.88 0.13 0.00	32.46 0.13 0.00	25.51 0.10 0.00	21.69 0.03 0.00	19.64 0.02 0.00
DOGLEVILLE___HYD 23807	15.25 -0.03 0.00	16.91 -0.04 0.00	14.88 -0.06 0.00	17.46 -0.05 0.00	18.00 -0.08 0.00	21.11 -0.26 0.00	22.00 -0.24 0.00	28.33 -0.12 0.00	20.09 -0.26 0.00	19.49 -0.55 0.00	18.92 -0.65 0.00	18.42 -0.64 0.00	17.47 -0.66 0.00	18.28 -0.71 0.00	19.59 -0.81 0.00	20.19 -0.68 0.00	23.74 -0.47 0.00	26.58 -0.40 0.00	31.55 -0.02 0.00	33.05 0.30 0.00	32.74 0.41 0.00	25.68 0.26 0.00	21.66 0.01 0.00	19.51 -0.12 0.00
DUNKIRK___115KV_TB_200 55889	15.45 0.18 0.00	17.17 0.22 0.00	15.26 0.32 0.00	17.70 0.19 0.00	18.31 0.22 0.00	21.81 0.43 0.00	22.52 0.28 0.00	28.74 0.29 0.00	20.71 0.36 0.00	20.57 0.53 0.00	20.09 0.52 0.00	19.54 0.48 0.00	18.43 0.30 0.00	19.38 0.39 0.00	21.07 0.66 0.00	21.52 0.65 0.00	24.96 0.75 0.00	27.60 0.62 0.00	32.25 0.68 0.00	33.50 0.76 0.00	33.11 0.78 0.00	25.81 0.39 0.00	22.02 0.36 0.00	20.02 0.40 0.00
DUNKIRK___1 23563	15.45 0.18 0.00	17.17 0.22 0.00	15.26 0.32 0.00	17.70 0.19 0.00	18.31 0.22 0.00	21.81 0.43 0.00	22.52 0.28 0.00	28.74 0.29 0.00	20.71 0.36 0.00	20.57 0.53 0.00	20.09 0.52 0.00	19.54 0.48 0.00	18.43 0.30 0.00	19.38 0.39 0.00	21.07 0.66 0.00	21.52 0.65 0.00	24.96 0.75 0.00	27.60 0.62 0.00	32.25 0.68 0.00	33.50 0.76 0.00	33.11 0.78 0.00	25.81 0.39 0.00	22.02 0.36 0.00	20.02 0.40 0.00
DUNKIRK___2 23564	15.45 0.18 0.00	17.17 0.22 0.00	15.26 0.32 0.00	17.70 0.19 0.00	18.31 0.22 0.00	21.81 0.43 0.00	22.52 0.28 0.00	28.74 0.29 0.00	20.71 0.36 0.00	20.57 0.53 0.00	20.09 0.52 0.00	19.54 0.48 0.00	18.43 0.30 0.00	19.38 0.39 0.00	21.07 0.66 0.00	21.52 0.65 0.00	24.96 0.75 0.00	27.60 0.62 0.00	32.25 0.68 0.00	33.50 0.76 0.00	33.11 0.78 0.00	25.81 0.39 0.00	22.02 0.36 0.00	20.02 0.40 0.00
DUNKIRK___3 23565	15.38 0.11 0.00	17.10 0.15 0.00	15.21 0.27 0.00	17.63 0.13 0.00	18.23 0.14 0.00	21.70 0.33 0.00	22.39 0.15 0.00	28.56 0.11 0.00	20.59 0.24 0.00	20.46 0.42 0.00	19.97 0.40 0.00	19.41 0.36 0.00	18.30 0.17 0.00	19.22 0.23 0.00	20.91 0.51 0.00	21.36 0.49 0.00	24.76 0.55 0.00	27.40 0.42 0.00	32.03 0.45 0.00	33.26 0.51 0.00	32.86 0.53 0.00	25.66 0.24 0.00	21.93 0.27 0.00	19.96 0.34 0.00
DUNKIRK___4 23566	15.38 0.11 0.00	17.10 0.15 0.00	15.21 0.27 0.00	17.63 0.13 0.00	18.23 0.14 0.00	21.70 0.33 0.00	22.39 0.15 0.00	28.56 0.11 0.00	20.59 0.24 0.00	20.46 0.42 0.00	19.97 0.40 0.00	19.41 0.36 0.00	18.30 0.17 0.00	19.22 0.23 0.00	20.91 0.51 0.00	21.36 0.49 0.00	24.76 0.55 0.00	27.40 0.42 0.00	32.03 0.45 0.00	33.26 0.51 0.00	32.86 0.53 0.00	25.66 0.24 0.00	21.93 0.27 0.00	19.96 0.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.12 0.85 0.00	17.83 0.89 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.91 0.82 0.00	22.36 0.99 0.00	23.35 1.12 0.00	30.19 1.74 0.00	21.75 1.40 0.00	21.43 1.39 0.00	21.04 1.47 0.00	20.51 1.45 0.00	19.53 1.40 0.00	20.54 1.55 0.00	22.02 1.62 0.00	22.60 1.73 0.00	26.30 2.09 0.00	29.14 2.16 0.00	33.95 2.37 0.00	35.04 2.29 0.00	34.53 2.20 0.00	26.96 1.54 0.00	22.77 1.12 0.00	20.54 0.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.08 0.80 0.00	17.78 0.84 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.87 0.78 0.00	22.33 0.96 0.00	23.32 1.08 0.00	30.10 1.65 0.00	21.64 1.29 0.00	21.26 1.23 0.00	20.86 1.29 0.00	20.33 1.27 0.00	19.36 1.23 0.00	20.35 1.36 0.00	21.84 1.44 0.00	22.41 1.54 0.00	26.10 1.88 0.00	28.98 2.00 0.00	33.84 2.27 0.00	34.98 2.23 0.00	34.48 2.15 0.00	26.94 1.52 0.00	22.74 1.09 0.00	20.50 0.88 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.87 0.78 0.00	22.33 0.96 0.00	23.36 1.13 0.00	30.24 1.79 0.00	21.80 1.45 0.00	21.48 1.44 0.00	21.09 1.53 0.00	20.56 1.50 0.00	19.59 1.46 0.00	20.59 1.60 0.00	22.08 1.67 0.00	22.65 1.78 0.00	26.36 2.15 0.00	29.17 2.19 0.00	33.92 2.35 0.00	35.09 2.34 0.00	34.58 2.25 0.00	26.96 1.54 0.00	22.81 1.15 0.00	20.55 0.93 0.00
E179THST_13_KV_LOAD 356214	16.16 0.89 0.00	17.86 0.92 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.93 0.85 0.00	22.41 1.03 0.00	23.45 1.22 0.00	30.35 1.91 0.00	21.89 1.54 0.00	21.57 1.54 0.00	21.18 1.62 0.00	20.65 1.59 0.00	19.68 1.55 0.00	20.68 1.69 0.00	22.17 1.77 0.00	22.76 1.89 0.00	26.48 2.27 0.00	29.31 2.33 0.00	34.09 2.52 0.00	35.26 2.51 0.00	34.74 2.41 0.00	27.08 1.66 0.00	22.91 1.26 0.00	20.63 1.01 0.00
EAST HAMPTON___GT 23717	17.01 1.74 0.00	18.82 1.88 0.00	16.47 1.53 0.00	19.32 1.81 0.00	19.95 1.87 0.00	23.75 2.38 0.00	27.56 2.52 -2.80	32.22 3.51 -0.26	30.41 2.67 -7.38	24.67 2.71 -1.92	33.68 2.89 -11.22	23.81 2.80 -1.95	23.97 2.66 -3.17	21.81 2.76 -0.06	23.13 2.73 0.00	24.53 2.92 -0.75	28.19 3.56 -0.42	30.07 3.48 0.39	35.36 3.79 0.00	36.56 3.82 0.00	62.01 3.89 -25.79	29.32 2.94 -0.97	27.30 2.29 -3.35	22.04 2.02 -0.40
EAST RIVER___6 23660	16.16 0.88 0.00	17.86 0.92 0.00	15.68 0.75 0.00	18.36 0.86 0.00	18.93 0.84 0.00	22.39 1.02 0.00	23.41 1.18 0.00	30.31 1.86 0.00	21.88 1.53 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.74 1.61 0.00	20.76 1.77 0.00	22.28 1.88 0.00	22.86 1.99 0.00	26.61 2.39 0.00	29.47 2.49 0.00	34.27 2.69 0.00	35.34 2.59 0.00	34.78 2.45 0.00	27.14 1.73 0.00	22.89 1.23 0.00	20.63 1.00 0.00
EAST RIVER___7 23524	16.16 0.88 0.00	17.86 0.92 0.00	15.68 0.75 0.00	18.36 0.86 0.00	18.93 0.84 0.00	22.39 1.02 0.00	23.41 1.18 0.00	30.31 1.86 0.00	21.88 1.53 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.74 1.61 0.00	20.76 1.77 0.00	22.28 1.88 0.00	22.86 1.99 0.00	26.61 2.39 0.00	29.47 2.49 0.00	34.27 2.69 0.00	35.34 2.59 0.00	34.78 2.45 0.00	27.14 1.73 0.00	22.89 1.23 0.00	20.63 1.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.10 0.83 0.00	17.81 0.86 0.00	15.64 0.70 0.00	18.32 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.32 1.09 0.00	30.14 1.69 0.00	21.71 1.36 0.00	21.39 1.35 0.00	21.00 1.43 0.00	20.46 1.40 0.00	19.49 1.36 0.00	20.49 1.50 0.00	21.97 1.57 0.00	22.54 1.67 0.00	26.23 2.02 0.00	29.07 2.09 0.00	33.88 2.30 0.00	34.98 2.23 0.00	34.47 2.14 0.00	26.92 1.50 0.00	22.74 1.08 0.00	20.50 0.88 0.00
EAST_HAMPTON___DIESEL 23722	17.02 1.74 0.00	18.82 1.88 0.00	16.47 1.53 0.00	19.32 1.81 0.00	19.96 1.87 0.00	23.76 2.38 0.00	27.57 2.53 -2.80	32.23 3.52 -0.26	30.42 2.68 -7.38	24.67 2.71 -1.92	33.68 2.89 -11.22	23.82 2.81 -1.95	23.97 2.67 -3.17	21.81 2.76 -0.06	23.14 2.73 0.00	24.54 2.92 -0.75	28.20 3.57 -0.42	30.07 3.49 0.39	35.38 3.81 0.00	36.57 3.82 0.00	62.01 3.89 -25.79	29.33 2.95 -0.97	27.30 2.29 -3.35	22.04 2.02 -0.40
EAST_POINT___SOLAR 323840	16.19 0.91 0.00	17.91 0.97 0.00	15.79 0.86 0.00	18.52 1.02 0.00	19.15 1.07 0.00	22.91 1.54 0.00	23.72 1.49 0.00	30.57 2.13 0.00	21.58 1.22 0.00	21.08 1.05 0.00	20.31 0.75 0.00	19.88 0.82 0.00	18.86 0.72 0.00	19.71 0.72 0.00	21.23 0.83 0.00	21.83 0.96 0.00	25.39 1.18 0.00	28.47 1.48 0.00	33.52 1.94 0.00	35.24 2.49 0.00	34.93 2.60 0.00	27.38 1.96 0.00	23.28 1.63 0.00	21.13 1.51 0.00
EAST_PULASKI___ESR 323781	14.98 -0.29 0.00	16.58 -0.36 0.00	14.61 -0.33 0.00	17.10 -0.41 0.00	17.74 -0.35 0.00	21.10 -0.27 0.00	21.97 -0.27 0.00	28.01 -0.44 0.00	19.82 -0.53 0.00	19.46 -0.57 0.00	19.09 -0.48 0.00	18.65 -0.41 0.00	17.77 -0.36 0.00	18.60 -0.39 0.00	19.95 -0.45 0.00	20.40 -0.47 0.00	23.62 -0.59 0.00	26.42 -0.56 0.00	31.10 -0.48 0.00	32.45 -0.30 0.00	32.23 -0.10 0.00	25.37 -0.04 0.00	21.56 -0.09 0.00	19.54 -0.08 0.00
EAST_RIVER___1 323558	16.15 0.87 0.00	17.85 0.90 0.00	15.66 0.73 0.00	18.35 0.84 0.00	18.91 0.82 0.00	22.37 0.99 0.00	23.39 1.15 0.00	30.26 1.81 0.00	21.84 1.48 0.00	21.54 1.51 0.00	21.15 1.58 0.00	20.64 1.57 0.00	19.68 1.55 0.00	20.70 1.70 0.00	22.21 1.81 0.00	22.79 1.92 0.00	26.52 2.31 0.00	29.37 2.39 0.00	34.16 2.59 0.00	35.24 2.50 0.00	34.70 2.38 0.00	27.06 1.64 0.00	22.84 1.18 0.00	20.59 0.96 0.00
EAST_RIVER___2 323559	16.16 0.88 0.00	17.86 0.92 0.00	15.68 0.75 0.00	18.36 0.86 0.00	18.93 0.84 0.00	22.39 1.02 0.00	23.41 1.18 0.00	30.31 1.86 0.00	21.88 1.53 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.74 1.61 0.00	20.76 1.77 0.00	22.28 1.88 0.00	22.86 1.99 0.00	26.61 2.39 0.00	29.47 2.49 0.00	34.27 2.69 0.00	35.34 2.59 0.00	34.78 2.45 0.00	27.14 1.73 0.00	22.89 1.23 0.00	20.63 1.00 0.00
EAST___DELAWARE_HYD 23607	16.50 1.23 0.00	18.26 1.31 0.00	16.04 1.11 0.00	18.80 1.29 0.00	19.40 1.31 0.00	23.03 1.66 0.00	24.06 1.82 0.00	31.11 2.66 0.00	23.31 2.96 0.00	22.79 2.75 0.00	21.55 1.99 0.00	20.93 1.87 0.00	19.91 1.78 0.00	20.94 1.94 0.00	22.45 2.05 0.00	22.83 1.96 0.00	26.70 2.49 0.00	29.80 2.82 0.00	34.86 3.29 0.00	36.09 3.35 0.00	35.57 3.24 0.00	27.74 2.32 0.00	23.40 1.74 0.00	21.08 1.45 0.00
EIGHT_POINT___WT_PWR 323820	14.75 -0.52 0.00	16.38 -0.57 0.00	14.58 -0.36 0.00	17.09 -0.42 0.00	17.85 -0.24 0.00	21.27 -0.10 0.00	22.27 0.04 0.00	28.63 0.18 0.00	20.65 0.29 0.00	20.36 0.32 0.00	19.79 0.22 0.00	19.05 -0.01 0.00	17.68 -0.45 0.00	18.56 -0.43 0.00	20.33 -0.07 0.00	20.90 0.03 0.00	24.36 0.15 0.00	27.15 0.17 0.00	31.97 0.40 0.00	33.46 0.71 0.00	33.02 0.69 0.00	25.80 0.39 0.00	22.03 0.38 0.00	19.93 0.31 0.00
ELBRIDGE_115KV_TB2 80188	15.20 -0.08 0.00	16.85 -0.09 0.00	14.87 -0.07 0.00	17.40 -0.11 0.00	17.97 -0.12 0.00	21.25 -0.12 0.00	22.09 -0.15 0.00	28.27 -0.18 0.00	20.23 -0.12 0.00	19.92 -0.12 0.00	19.43 -0.14 0.00	18.91 -0.15 0.00	17.96 -0.17 0.00	18.82 -0.17 0.00	20.23 -0.17 0.00	20.68 -0.19 0.00	24.01 -0.20 0.00	26.75 -0.23 0.00	31.39 -0.19 0.00	32.60 -0.15 0.00	32.21 -0.12 0.00	25.27 -0.15 0.00	21.50 -0.16 0.00	19.51 -0.11 0.00
ELEC_TRO_TEK 24086	16.17 0.90 0.00	17.89 0.94 0.00	15.67 0.73 0.00	18.36 0.85 0.00	18.95 0.86 0.00	22.47 1.09 0.00	23.41 1.18 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.52 1.48 0.00	31.26 1.64 -10.06	25.21 1.61 -4.54	25.03 1.56 -5.34	21.01 1.67 -0.35	22.09 1.69 0.00	27.33 1.87 -4.58	29.13 2.29 -2.63	30.75 2.23 -1.54	33.90 2.31 -0.02	34.98 2.22 -0.01	34.53 2.20 0.00	27.01 1.59 0.00	22.83 1.18 0.00	20.61 0.99 0.00

ELLENBURG_WT_PWR 323604	15.04 -0.23 0.00	16.79 -0.15 0.00	14.70 -0.24 0.00	17.76 0.26 0.00	18.53 0.44 0.00	21.91 0.54 0.00	22.79 0.55 0.00	28.56 0.11 0.00	20.37 0.02 0.00	20.09 0.06 0.00	19.55 -0.01 0.00	19.13 0.06 0.00	18.17 0.04 0.00	19.07 0.08 0.00	20.40 -0.01 0.00	21.07 0.20 0.00	24.54 0.32 0.00	27.62 0.64 0.00	32.48 0.91 0.00	33.65 0.90 0.00	33.16 0.83 0.00	26.08 0.66 0.00	22.24 0.59 0.00	20.20 0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.20 -0.08 0.00	16.89 -0.05 0.00	15.07 0.14 0.00	17.42 -0.08 0.00	18.00 -0.09 0.00	21.41 0.03 0.00	22.03 -0.20 0.00	28.03 -0.41 0.00	20.25 -0.10 0.00	20.12 0.09 0.00	19.60 0.03 0.00	19.00 -0.06 0.00	17.93 -0.20 0.00	18.77 -0.22 0.00	20.49 0.09 0.00	20.92 0.04 0.00	24.15 -0.06 0.00	26.82 -0.16 0.00	31.40 -0.18 0.00	32.60 -0.14 0.00	32.18 -0.15 0.00	25.26 -0.16 0.00	21.67 0.01 0.00	19.78 0.15 0.00
EMPIRE_CC_1 323656	15.61 0.34 0.00	17.32 0.38 0.00	15.27 0.33 0.00	17.86 0.35 0.00	18.41 0.32 0.00	21.51 0.14 0.00	22.40 0.16 0.00	28.84 0.39 0.00	20.63 0.28 0.00	20.25 0.21 0.00	19.74 0.18 0.00	19.21 0.15 0.00	18.32 0.19 0.00	19.17 0.18 0.00	20.54 0.14 0.00	21.04 0.17 0.00	24.42 0.21 0.00	27.13 0.16 0.00	31.81 0.24 0.00	32.94 0.19 0.00	32.44 0.11 0.00	25.62 0.20 0.00	21.74 0.09 0.00	19.72 0.10 0.00
EMPIRE_CC_2 323658	15.61 0.34 0.00	17.32 0.38 0.00	15.27 0.33 0.00	17.86 0.35 0.00	18.41 0.32 0.00	21.51 0.14 0.00	22.40 0.16 0.00	28.84 0.39 0.00	20.63 0.28 0.00	20.25 0.21 0.00	19.74 0.18 0.00	19.21 0.15 0.00	18.32 0.19 0.00	19.17 0.18 0.00	20.54 0.14 0.00	21.04 0.17 0.00	24.42 0.21 0.00	27.13 0.16 0.00	31.81 0.24 0.00	32.94 0.19 0.00	32.44 0.11 0.00	25.62 0.20 0.00	21.74 0.09 0.00	19.72 0.10 0.00
ENORWICH_115KV_TB1 80156	15.84 0.57 0.00	17.51 0.56 0.00	15.52 0.58 0.00	18.22 0.71 0.00	18.97 0.88 0.00	22.48 1.10 0.00	23.58 1.35 0.00	30.41 1.96 0.00	21.45 1.10 0.00	20.99 0.95 0.00	20.14 0.57 0.00	19.41 0.35 0.00	18.31 0.18 0.00	19.11 0.11 0.00	20.71 0.30 0.00	21.22 0.35 0.00	24.78 0.57 0.00	28.12 1.14 0.00	33.39 1.82 0.00	35.21 2.47 0.00	34.98 2.65 0.00	27.30 1.88 0.00	23.15 1.49 0.00	20.91 1.28 0.00
ERIE_ST__34_KV_TB1-2 80199	15.52 0.25 0.00	17.24 0.30 0.00	15.37 0.42 0.00	17.80 0.29 0.00	18.37 0.28 0.00	21.84 0.46 0.00	22.51 0.27 0.00	28.70 0.25 0.00	20.73 0.38 0.00	20.61 0.58 0.00	20.06 0.49 0.00	19.45 0.39 0.00	18.34 0.20 0.00	19.21 0.22 0.00	20.93 0.53 0.00	21.38 0.51 0.00	24.73 0.52 0.00	27.45 0.47 0.00	32.12 0.55 0.00	33.39 0.65 0.00	32.98 0.65 0.00	25.88 0.46 0.00	22.16 0.51 0.00	20.20 0.57 0.00
ERIE_WT_PWR 323693	15.30 0.03 0.00	17.02 0.08 0.00	15.18 0.24 0.00	17.56 0.05 0.00	18.14 0.05 0.00	21.57 0.20 0.00	22.21 -0.03 0.00	28.28 -0.17 0.00	20.43 0.07 0.00	20.30 0.26 0.00	19.76 0.19 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.93 -0.06 0.00	20.67 0.27 0.00	21.09 0.22 0.00	24.37 0.16 0.00	27.06 0.08 0.00	31.69 0.11 0.00	32.91 0.16 0.00	32.50 0.17 0.00	25.50 0.08 0.00	21.87 0.21 0.00	19.90 0.28 0.00
ESPRGFLD_115KV_TB1 80157	16.00 0.73 0.00	17.72 0.77 0.00	15.62 0.68 0.00	18.33 0.82 0.00	18.95 0.86 0.00	22.62 1.25 0.00	23.54 1.31 0.00	30.76 2.31 0.00	21.77 1.42 0.00	21.39 1.36 0.00	20.56 0.99 0.00	20.04 0.98 0.00	19.01 0.88 0.00	19.90 0.91 0.00	21.40 1.00 0.00	21.95 1.07 0.00	25.49 1.28 0.00	28.53 1.55 0.00	33.49 1.92 0.00	35.00 2.25 0.00	34.65 2.33 0.00	27.12 1.70 0.00	23.05 1.39 0.00	20.90 1.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.50 0.23 0.00	17.17 0.23 0.00	15.16 0.22 0.00	17.74 0.24 0.00	18.33 0.25 0.00	21.71 0.33 0.00	22.60 0.37 0.00	28.97 0.53 0.00	20.66 0.31 0.00	20.30 0.26 0.00	19.74 0.17 0.00	19.18 0.12 0.00	18.18 0.05 0.00	19.08 0.09 0.00	20.53 0.13 0.00	21.01 0.14 0.00	24.46 0.25 0.00	27.32 0.34 0.00	32.15 0.57 0.00	33.52 0.77 0.00	33.15 0.82 0.00	25.96 0.55 0.00	22.05 0.39 0.00	19.96 0.34 0.00
ETNA____115KV_TB2 80207	15.50 0.23 0.00	17.17 0.23 0.00	15.16 0.22 0.00	17.74 0.24 0.00	18.33 0.25 0.00	21.71 0.33 0.00	22.60 0.37 0.00	28.97 0.53 0.00	20.66 0.31 0.00	20.30 0.26 0.00	19.74 0.17 0.00	19.18 0.12 0.00	18.18 0.05 0.00	19.08 0.09 0.00	20.53 0.13 0.00	21.01 0.14 0.00	24.46 0.25 0.00	27.32 0.34 0.00	32.15 0.57 0.00	33.52 0.77 0.00	33.15 0.82 0.00	25.96 0.55 0.00	22.05 0.39 0.00	19.96 0.34 0.00
EUCLID__115KV_TB2 356179	15.13 -0.14 0.00	16.78 -0.17 0.00	14.80 -0.14 0.00	17.32 -0.19 0.00	17.88 -0.20 0.00	21.14 -0.23 0.00	21.97 -0.27 0.00	28.13 -0.32 0.00	20.12 -0.23 0.00	19.81 -0.22 0.00	19.34 -0.23 0.00	18.84 -0.22 0.00	17.90 -0.23 0.00	18.76 -0.23 0.00	20.15 -0.26 0.00	20.59 -0.28 0.00	23.89 -0.32 0.00	26.62 -0.36 0.00	31.21 -0.36 0.00	32.40 -0.34 0.00	32.00 -0.32 0.00	25.14 -0.28 0.00	21.39 -0.27 0.00	19.42 -0.20 0.00
E_CANADA_CAP_HY 24051	16.15 0.88 0.00	17.88 0.93 0.00	15.76 0.83 0.00	18.48 0.98 0.00	19.12 1.04 0.00	22.87 1.49 0.00	23.69 1.46 0.00	30.57 2.12 0.00	21.58 1.23 0.00	21.12 1.08 0.00	20.36 0.79 0.00	19.91 0.85 0.00	18.89 0.76 0.00	19.75 0.76 0.00	21.27 0.86 0.00	21.85 0.98 0.00	25.38 1.17 0.00	28.45 1.47 0.00	33.48 1.91 0.00	35.16 2.41 0.00	34.86 2.53 0.00	27.32 1.90 0.00	23.24 1.59 0.00	21.10 1.48 0.00
E_CANADA_MHWK_HY 24050	15.25 -0.03 0.00	16.91 -0.04 0.00	14.88 -0.06 0.00	17.46 -0.05 0.00	18.00 -0.08 0.00	21.11 -0.26 0.00	22.00 -0.24 0.00	28.33 -0.12 0.00	20.09 -0.26 0.00	19.49 -0.55 0.00	18.92 -0.65 0.00	18.42 -0.64 0.00	17.47 -0.66 0.00	18.28 -0.71 0.00	19.59 -0.81 0.00	20.19 -0.68 0.00	23.74 -0.47 0.00	26.58 -0.40 0.00	31.55 -0.02 0.00	33.05 0.30 0.00	32.74 0.41 0.00	25.68 0.26 0.00	21.66 0.01 0.00	19.51 -0.12 0.00
E_FISHKILL__LBMP 23776	16.01 0.74 0.00	17.72 0.77 0.00	15.57 0.63 0.00	18.23 0.73 0.00	18.79 0.71 0.00	22.21 0.83 0.00	23.18 0.94 0.00	29.93 1.48 0.00	21.53 1.18 0.00	21.19 1.15 0.00	20.78 1.21 0.00	20.25 1.19 0.00	19.27 1.14 0.00	20.24 1.25 0.00	21.69 1.29 0.00	22.24 1.37 0.00	25.88 1.67 0.00	28.71 1.73 0.00	33.51 1.93 0.00	34.64 1.89 0.00	34.13 1.80 0.00	26.70 1.28 0.00	22.56 0.90 0.00	20.36 0.73 0.00
FALCON__SEABRD_CC1 323796	15.20 -0.07 0.00	16.95 0.00 0.00	14.78 -0.16 0.00	18.07 0.57 0.00	18.88 0.79 0.00	22.29 0.91 0.00	23.28 1.05 0.00	29.04 0.59 0.00	20.66 0.30 0.00	20.36 0.33 0.00	19.76 0.19 0.00	19.37 0.31 0.00	18.37 0.24 0.00	19.29 0.29 0.00	20.62 0.22 0.00	21.39 0.52 0.00	24.96 0.75 0.00	28.13 1.15 0.00	33.18 1.61 0.00	34.40 1.65 0.00	33.85 1.52 0.00	26.61 1.19 0.00	22.63 0.98 0.00	20.57 0.95 0.00

FALCON___SEABRD_CC2 323797	15.20 -0.07 0.00	16.95 0.00 0.00	14.78 -0.16 0.00	18.07 0.57 0.00	18.88 0.79 0.00	22.29 0.91 0.00	23.28 1.05 0.00	29.04 0.59 0.00	20.66 0.30 0.00	20.36 0.33 0.00	19.76 0.19 0.00	19.37 0.31 0.00	18.37 0.24 0.00	19.29 0.29 0.00	20.62 0.22 0.00	21.39 0.52 0.00	24.96 0.75 0.00	28.13 1.15 0.00	33.18 1.61 0.00	34.40 1.65 0.00	33.85 1.52 0.00	26.61 1.19 0.00	22.63 0.98 0.00	20.57 0.95 0.00
FAR ROCKAWAY___4 23548	16.36 1.09 0.00	18.08 1.13 0.00	15.83 0.89 0.00	18.55 1.04 0.00	19.15 1.06 0.00	22.72 1.35 0.00	23.67 1.44 0.00	30.58 2.13 0.00	22.06 1.71 0.00	21.78 1.75 0.00	34.94 1.90 -13.46	34.02 1.86 -13.10	33.90 1.79 -13.98	21.95 1.91 -1.05	22.34 1.94 0.00	36.86 2.13 -13.85	34.78 2.60 -7.97	35.80 2.61 -6.21	34.40 2.76 -0.07	35.49 2.69 -0.05	34.99 2.66 0.00	27.38 1.96 0.00	23.13 1.47 0.00	20.87 1.25 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.15 0.87 0.00	17.85 0.91 0.00	15.67 0.73 0.00	18.35 0.84 0.00	18.92 0.83 0.00	22.38 1.00 0.00	23.39 1.16 0.00	30.27 1.82 0.00	21.84 1.49 0.00	21.54 1.51 0.00	21.15 1.59 0.00	20.64 1.58 0.00	19.66 1.53 0.00	20.69 1.70 0.00	22.20 1.80 0.00	22.78 1.91 0.00	26.51 2.30 0.00	29.37 2.39 0.00	34.15 2.58 0.00	35.23 2.48 0.00	34.70 2.37 0.00	27.06 1.64 0.00	22.85 1.19 0.00	20.59 0.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.16 0.89 0.00	17.86 0.92 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.92 0.84 0.00	22.39 1.01 0.00	23.41 1.18 0.00	30.29 1.84 0.00	21.85 1.50 0.00	21.55 1.51 0.00	21.16 1.60 0.00	20.65 1.58 0.00	19.67 1.54 0.00	20.70 1.71 0.00	22.20 1.81 0.00	22.79 1.92 0.00	26.52 2.31 0.00	29.38 2.40 0.00	34.17 2.60 0.00	35.25 2.51 0.00	34.72 2.39 0.00	27.08 1.66 0.00	22.86 1.21 0.00	20.61 0.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.14 0.87 0.00	17.85 0.90 0.00	15.66 0.73 0.00	18.35 0.84 0.00	18.91 0.82 0.00	22.37 1.00 0.00	23.39 1.15 0.00	30.27 1.82 0.00	21.83 1.48 0.00	21.54 1.50 0.00	21.15 1.58 0.00	20.63 1.57 0.00	19.65 1.52 0.00	20.68 1.69 0.00	22.19 1.79 0.00	22.78 1.90 0.00	26.50 2.29 0.00	29.36 2.38 0.00	34.14 2.57 0.00	35.22 2.47 0.00	34.69 2.36 0.00	27.05 1.63 0.00	22.84 1.18 0.00	20.59 0.96 0.00
FARRAGUT___LBMP 323566	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.34 0.83 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.24 1.79 0.00	21.82 1.46 0.00	21.52 1.48 0.00	21.13 1.56 0.00	20.61 1.55 0.00	19.63 1.50 0.00	20.66 1.67 0.00	22.17 1.77 0.00	22.76 1.88 0.00	26.48 2.27 0.00	29.33 2.35 0.00	34.11 2.54 0.00	35.19 2.44 0.00	34.66 2.33 0.00	27.03 1.61 0.00	22.82 1.17 0.00	20.57 0.95 0.00
FENNER___WINDPWR 24204	15.50 0.23 0.00	17.14 0.20 0.00	15.11 0.18 0.00	17.71 0.20 0.00	18.35 0.26 0.00	21.73 0.36 0.00	22.71 0.47 0.00	29.07 0.62 0.00	20.64 0.28 0.00	20.25 0.22 0.00	19.73 0.16 0.00	19.19 0.13 0.00	18.22 0.09 0.00	19.12 0.12 0.00	20.60 0.19 0.00	21.08 0.21 0.00	24.51 0.30 0.00	27.42 0.44 0.00	32.26 0.68 0.00	33.68 0.93 0.00	33.38 1.06 0.00	26.22 0.80 0.00	22.26 0.60 0.00	20.14 0.52 0.00
FIBERTEK___ENERGY 23856	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.78 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00
FITZPATRICK____ 23598	14.92 -0.35 0.00	16.55 -0.40 0.00	14.59 -0.34 0.00	17.09 -0.42 0.00	17.65 -0.44 0.00	20.86 -0.51 0.00	21.67 -0.57 0.00	27.72 -0.73 0.00	19.84 -0.51 0.00	19.53 -0.50 0.00	19.07 -0.49 0.00	18.57 -0.49 0.00	17.66 -0.47 0.00	18.50 -0.50 0.00	19.86 -0.54 0.00	20.30 -0.57 0.00	23.52 -0.69 0.00	26.21 -0.77 0.00	30.72 -0.86 0.00	31.89 -0.86 0.00	31.49 -0.84 0.00	24.75 -0.67 0.00	21.07 -0.58 0.00	19.15 -0.48 0.00
FLOWRFLD_69_KV_BK1 356044	16.46 1.19 0.00	18.20 1.25 0.00	15.91 0.98 0.00	18.66 1.16 0.00	19.27 1.18 0.00	22.90 1.53 0.00	27.49 1.57 -3.69	31.04 2.25 -0.35	31.87 1.79 -9.73	24.41 1.84 -2.53	33.54 2.08 -11.89	23.22 2.04 -2.12	23.43 1.97 -3.33	21.12 2.07 -0.06	22.43 2.03 0.00	23.88 2.22 -0.79	27.32 2.67 -0.44	29.01 2.40 0.37	34.06 2.49 0.00	35.22 2.48 0.00	68.82 2.57 -33.91	28.63 1.95 -1.27	27.58 1.52 -4.41	21.49 1.35 -0.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.27 0.99 0.00	17.99 1.04 0.00	15.80 0.86 0.00	18.50 0.99 0.00	19.08 0.99 0.00	22.58 1.21 0.00	23.59 1.36 0.00	30.47 2.02 0.00	21.90 1.55 0.00	21.51 1.47 0.00	21.07 1.51 0.00	20.54 1.48 0.00	19.56 1.43 0.00	20.57 1.58 0.00	22.07 1.67 0.00	22.66 1.79 0.00	26.42 2.21 0.00	29.36 2.38 0.00	34.32 2.74 0.00	35.47 2.73 0.00	34.94 2.61 0.00	27.29 1.88 0.00	23.03 1.37 0.00	20.73 1.11 0.00
FORT ORANGE____ 23900	15.63 0.36 0.00	17.31 0.36 0.00	15.27 0.33 0.00	17.83 0.32 0.00	18.39 0.30 0.00	21.56 0.19 0.00	22.44 0.20 0.00	28.88 0.43 0.00	20.65 0.29 0.00	20.23 0.19 0.00	19.72 0.16 0.00	19.20 0.14 0.00	18.27 0.14 0.00	19.15 0.16 0.00	20.55 0.15 0.00	21.05 0.18 0.00	24.46 0.25 0.00	27.24 0.26 0.00	31.99 0.41 0.00	33.20 0.46 0.00	32.74 0.41 0.00	25.74 0.33 0.00	21.86 0.20 0.00	19.78 0.15 0.00
FORT_DRUM_COGEN 23780	14.74 -0.53 0.00	16.21 -0.73 0.00	14.22 -0.72 0.00	16.70 -0.81 0.00	17.54 -0.55 0.00	21.33 -0.04 0.00	22.36 0.13 0.00	28.20 -0.25 0.00	19.42 -0.93 0.00	19.00 -1.03 0.00	18.85 -0.72 0.00	18.51 -0.55 0.00	17.79 -0.34 0.00	18.57 -0.43 0.00	19.92 -0.48 0.00	20.43 -0.45 0.00	23.64 -0.57 0.00	26.61 -0.37 0.00	31.56 -0.01 0.00	33.25 0.50 0.00	33.28 0.95 0.00	26.29 0.88 0.00	22.31 0.65 0.00	20.11 0.49 0.00
FOX_HILLS___ESR 323835	16.17 0.90 0.00	17.88 0.93 0.00	15.68 0.74 0.00	18.36 0.86 0.00	18.94 0.85 0.00	22.43 1.05 0.00	23.43 1.20 0.00	30.30 1.85 0.00	21.85 1.50 0.00	21.53 1.49 0.00	21.15 1.58 0.00	20.63 1.57 0.00	19.64 1.51 0.00	20.66 1.67 0.00	22.18 1.78 0.00	22.76 1.89 0.00	26.51 2.30 0.00	29.35 2.37 0.00	34.10 2.52 0.00	35.19 2.44 0.00	34.72 2.39 0.00	27.11 1.69 0.00	22.89 1.24 0.00	20.62 0.99 0.00
FPL FAR_ROCK_GT1 24212	16.36 1.09 0.00	18.08 1.13 0.00	15.83 0.89 0.00	18.55 1.04 0.00	19.15 1.06 0.00	22.72 1.35 0.00	23.67 1.44 0.00	30.58 2.13 0.00	22.06 1.71 0.00	21.78 1.75 0.00	34.94 1.90 -13.46	34.02 1.86 -13.10	33.92 1.81 -13.98	21.95 1.90 -1.05	22.34 1.94 0.00	36.86 2.13 -13.85	34.78 2.60 -7.97	35.80 2.62 -6.21	34.41 2.76 -0.07	35.49 2.69 -0.05	34.99 2.66 0.00	27.37 1.96 0.00	23.13 1.47 0.00	20.87 1.25 0.00



FPL FAR_ROCK_GT2 23815	16.36 1.09 0.00	18.08 1.13 0.00	15.83 0.89 0.00	18.55 1.04 0.00	19.15 1.06 0.00	22.72 1.35 0.00	23.67 1.44 0.00	30.58 2.13 0.00	22.06 1.71 0.00	21.78 1.75 0.00	34.94 1.90 -13.46	34.02 1.86 -13.10	33.92 1.81 -13.98	21.95 1.90 -1.05	22.34 1.94 0.00	36.86 2.13 -13.85	34.78 2.60 -7.97	35.80 2.62 -6.21	34.41 2.76 -0.07	35.49 2.69 -0.05	34.99 2.66 0.00	27.37 1.96 0.00	23.13 1.47 0.00	20.87 1.25 0.00
FRANKLIN_FALL_HYD 24054	15.06 -0.21 0.00	16.78 -0.16 0.00	14.71 -0.22 0.00	17.64 0.13 0.00	18.42 0.33 0.00	21.87 0.49 0.00	22.79 0.55 0.00	28.70 0.25 0.00	20.44 0.09 0.00	20.17 0.13 0.00	19.67 0.10 0.00	19.21 0.15 0.00	18.30 0.16 0.00	19.16 0.17 0.00	20.53 0.12 0.00	21.12 0.25 0.00	24.55 0.34 0.00	27.60 0.62 0.00	32.43 0.86 0.00	33.62 0.87 0.00	33.20 0.87 0.00	26.12 0.70 0.00	22.30 0.64 0.00	20.16 0.54 0.00
FREEPORT_EQU_S_GT1 23764	16.27 1.00 0.00	17.99 1.05 0.00	15.75 0.81 0.00	18.46 0.95 0.00	19.05 0.96 0.00	22.61 1.23 0.00	23.55 1.31 0.00	30.42 1.97 0.00	21.94 1.59 0.00	21.65 1.62 0.00	31.70 1.79 -10.35	25.75 1.75 -4.94	25.80 1.71 -5.96	21.14 1.78 -0.36	22.19 1.79 0.00	27.60 1.98 -4.75	29.36 2.42 -2.73	30.97 2.37 -1.62	34.07 2.48 -0.02	35.18 2.42 -0.01	34.75 2.42 0.00	27.19 1.77 0.00	22.98 1.33 0.00	20.75 1.13 0.00
FREEPORT___CT2 23818	16.27 1.00 0.00	17.99 1.05 0.00	15.75 0.81 0.00	18.46 0.95 0.00	19.05 0.96 0.00	22.61 1.23 0.00	23.55 1.31 0.00	30.42 1.97 0.00	21.94 1.59 0.00	21.65 1.62 0.00	31.70 1.79 -10.35	25.75 1.75 -4.94	25.80 1.71 -5.96	21.14 1.78 -0.36	22.19 1.79 0.00	27.60 1.98 -4.75	29.36 2.42 -2.73	30.97 2.37 -1.62	34.07 2.48 -0.02	35.18 2.42 -0.01	34.75 2.42 0.00	27.19 1.77 0.00	22.98 1.33 0.00	20.75 1.13 0.00
FRESHKLS_33_KV_LOAD 356253	16.17 0.90 0.00	17.88 0.94 0.00	15.68 0.74 0.00	18.37 0.86 0.00	18.95 0.86 0.00	22.45 1.07 0.00	23.45 1.21 0.00	30.30 1.85 0.00	21.83 1.48 0.00	21.50 1.47 0.00	21.11 1.55 0.00	20.59 1.53 0.00	19.60 1.47 0.00	20.62 1.63 0.00	22.15 1.75 0.00	22.72 1.84 0.00	26.46 2.25 0.00	29.29 2.32 0.00	34.03 2.45 0.00	35.13 2.38 0.00	34.70 2.37 0.00	27.11 1.69 0.00	22.90 1.24 0.00	20.62 0.99 0.00
FULTON COGEN____ 23766	15.06 -0.21 0.00	16.70 -0.24 0.00	14.73 -0.21 0.00	17.24 -0.27 0.00	17.81 -0.28 0.00	21.06 -0.32 0.00	21.89 -0.35 0.00	28.01 -0.44 0.00	20.02 -0.33 0.00	19.70 -0.34 0.00	19.22 -0.34 0.00	18.71 -0.35 0.00	17.79 -0.34 0.00	18.64 -0.35 0.00	20.01 -0.39 0.00	20.45 -0.42 0.00	23.71 -0.50 0.00	26.44 -0.54 0.00	31.03 -0.55 0.00	32.25 -0.50 0.00	31.88 -0.45 0.00	25.04 -0.38 0.00	21.29 -0.36 0.00	19.35 -0.28 0.00
FULTON___LFGE 323630	16.98 1.71 0.00	18.73 1.79 0.00	16.49 1.56 0.00	19.37 1.87 0.00	20.08 2.00 0.00	24.12 2.75 0.00	25.11 2.87 0.00	31.78 3.33 0.00	21.64 1.29 0.00	20.71 0.68 0.00	19.59 0.02 0.00	19.21 0.15 0.00	18.14 0.00 0.00	18.97 -0.02 0.00	20.49 0.09 0.00	21.01 0.14 0.00	24.62 0.41 0.00	28.49 1.51 0.00	34.64 3.06 0.00	37.38 4.64 0.00	37.21 4.88 0.00	29.10 3.68 0.00	24.59 2.93 0.00	22.27 2.65 0.00
G.F.CEMENT___DRP 24184	15.93 0.65 0.00	17.61 0.67 0.00	15.47 0.53 0.00	18.18 0.67 0.00	18.78 0.69 0.00	21.98 0.60 0.00	23.04 0.80 0.00	29.71 1.26 0.00	21.09 0.74 0.00	20.59 0.55 0.00	19.98 0.41 0.00	19.46 0.40 0.00	18.49 0.36 0.00	19.37 0.38 0.00	20.78 0.37 0.00	21.35 0.48 0.00	24.85 0.64 0.00	27.94 0.96 0.00	32.96 1.38 0.00	34.29 1.54 0.00	33.69 1.37 0.00	26.51 1.09 0.00	22.34 0.68 0.00	20.17 0.55 0.00
GARDENVILLE___LBMP 24039	15.25 -0.02 0.00	16.96 0.01 0.00	15.12 0.19 0.00	17.50 -0.01 0.00	18.07 -0.01 0.00	21.49 0.12 0.00	22.14 -0.10 0.00	28.19 -0.26 0.00	20.36 0.00 0.00	20.23 0.19 0.00	19.70 0.13 0.00	19.10 0.04 0.00	18.00 -0.13 0.00	18.87 -0.12 0.00	20.59 0.18 0.00	21.02 0.14 0.00	24.28 0.07 0.00	26.96 -0.02 0.00	31.57 0.00 0.00	32.79 0.05 0.00	32.37 0.04 0.00	25.40 -0.02 0.00	21.77 0.12 0.00	19.86 0.23 0.00
GARDNVLA_35_KV_LD 355827	15.32 0.04 0.00	17.03 0.08 0.00	15.18 0.24 0.00	17.57 0.06 0.00	18.14 0.05 0.00	21.57 0.20 0.00	22.21 -0.02 0.00	28.30 -0.15 0.00	20.44 0.09 0.00	20.31 0.28 0.00	19.78 0.21 0.00	19.17 0.11 0.00	18.08 -0.05 0.00	18.95 -0.04 0.00	20.69 0.28 0.00	21.11 0.24 0.00	24.40 0.19 0.00	27.10 0.12 0.00	31.73 0.16 0.00	32.96 0.21 0.00	32.53 0.20 0.00	25.53 0.11 0.00	21.88 0.22 0.00	19.94 0.32 0.00
GELCKHM__115KV_LOAD 80723	15.18 -0.09 0.00	16.83 -0.12 0.00	14.84 -0.10 0.00	17.37 -0.14 0.00	17.94 -0.15 0.00	21.22 -0.15 0.00	22.05 -0.18 0.00	28.22 -0.22 0.00	20.19 -0.16 0.00	19.87 -0.16 0.00	19.40 -0.16 0.00	18.90 -0.17 0.00	17.95 -0.18 0.00	18.81 -0.18 0.00	20.21 -0.19 0.00	20.66 -0.21 0.00	23.98 -0.23 0.00	26.72 -0.26 0.00	31.35 -0.23 0.00	32.54 -0.21 0.00	32.14 -0.19 0.00	25.24 -0.18 0.00	21.47 -0.19 0.00	19.49 -0.14 0.00
GENERAL___MILLS 23808	15.29 0.02 0.00	17.01 0.06 0.00	15.17 0.23 0.00	17.55 0.04 0.00	18.12 0.03 0.00	21.55 0.18 0.00	22.19 -0.04 0.00	28.27 -0.18 0.00	20.41 0.06 0.00	20.29 0.25 0.00	19.75 0.18 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.92 -0.07 0.00	20.65 0.25 0.00	21.08 0.20 0.00	24.36 0.14 0.00	27.04 0.06 0.00	31.67 0.09 0.00	32.89 0.14 0.00	32.47 0.14 0.00	25.49 0.07 0.00	21.84 0.19 0.00	19.91 0.29 0.00
GE_PLASTICS___DRP 24183	15.60 0.33 0.00	17.29 0.34 0.00	15.24 0.30 0.00	17.81 0.31 0.00	18.37 0.28 0.00	21.59 0.21 0.00	22.47 0.23 0.00	28.90 0.45 0.00	20.69 0.33 0.00	20.30 0.26 0.00	19.83 0.26 0.00	19.31 0.25 0.00	18.38 0.25 0.00	19.26 0.27 0.00	20.67 0.27 0.00	21.16 0.29 0.00	24.57 0.36 0.00	27.34 0.36 0.00	32.05 0.48 0.00	33.22 0.47 0.00	32.75 0.42 0.00	25.75 0.33 0.00	21.87 0.21 0.00	19.78 0.16 0.00
GILBOA___1 23756	15.68 0.41 0.00	17.44 0.50 0.00	15.36 0.42 0.00	17.98 0.48 0.00	18.52 0.43 0.00	21.81 0.44 0.00	22.72 0.48 0.00	29.22 0.77 0.00	20.95 0.59 0.00	20.60 0.57 0.00	20.15 0.59 0.00	19.63 0.57 0.00	18.67 0.54 0.00	19.59 0.60 0.00	21.01 0.60 0.00	21.51 0.64 0.00	25.00 0.78 0.00	27.78 0.80 0.00	32.46 0.88 0.00	33.60 0.85 0.00	33.13 0.81 0.00	26.05 0.63 0.00	22.09 0.44 0.00	19.98 0.36 0.00
GILBOA___2 23757	15.68 0.41 0.00	17.44 0.50 0.00	15.36 0.42 0.00	17.98 0.48 0.00	18.52 0.43 0.00	21.81 0.44 0.00	22.72 0.48 0.00	29.22 0.77 0.00	20.95 0.59 0.00	20.60 0.57 0.00	20.15 0.59 0.00	19.63 0.57 0.00	18.67 0.54 0.00	19.59 0.60 0.00	21.01 0.60 0.00	21.51 0.64 0.00	25.00 0.78 0.00	27.78 0.80 0.00	32.46 0.88 0.00	33.60 0.85 0.00	33.13 0.81 0.00	26.05 0.63 0.00	22.09 0.44 0.00	19.98 0.36 0.00

GILBOA___3 23758	15.68 0.41 0.00	17.44 0.50 0.00	15.36 0.42 0.00	17.98 0.48 0.00	18.52 0.43 0.00	21.81 0.44 0.00	22.72 0.48 0.00	29.22 0.77 0.00	20.95 0.59 0.00	20.60 0.57 0.00	20.15 0.59 0.00	19.63 0.57 0.00	18.67 0.54 0.00	19.59 0.60 0.00	21.01 0.60 0.00	21.51 0.64 0.00	25.00 0.78 0.00	27.78 0.80 0.00	32.46 0.88 0.00	33.60 0.85 0.00	33.13 0.81 0.00	26.05 0.63 0.00	22.09 0.44 0.00	19.98 0.36 0.00
GILBOA___4 23759	15.68 0.41 0.00	17.44 0.50 0.00	15.36 0.42 0.00	17.98 0.48 0.00	18.52 0.43 0.00	21.81 0.44 0.00	22.72 0.48 0.00	29.22 0.77 0.00	20.95 0.59 0.00	20.60 0.57 0.00	20.15 0.59 0.00	19.63 0.57 0.00	18.67 0.54 0.00	19.59 0.60 0.00	21.01 0.60 0.00	21.51 0.64 0.00	25.00 0.78 0.00	27.78 0.80 0.00	32.46 0.88 0.00	33.60 0.85 0.00	33.13 0.81 0.00	26.05 0.63 0.00	22.09 0.44 0.00	19.98 0.36 0.00
GILBOA___ 23599	15.68 0.41 0.00	17.44 0.50 0.00	15.36 0.42 0.00	17.98 0.48 0.00	18.52 0.43 0.00	21.81 0.43 0.00	22.72 0.48 0.00	29.22 0.77 0.00	20.95 0.59 0.00	20.60 0.57 0.00	20.15 0.59 0.00	19.63 0.57 0.00	18.67 0.54 0.00	19.59 0.60 0.00	21.01 0.60 0.00	21.51 0.64 0.00	25.00 0.78 0.00	27.78 0.80 0.00	32.46 0.88 0.00	33.60 0.85 0.00	33.13 0.81 0.00	26.05 0.63 0.00	22.09 0.44 0.00	19.97 0.35 0.00
GINNA___ 23603	14.49 -0.78 0.00	16.08 -0.86 0.00	14.28 -0.66 0.00	16.57 -0.93 0.00	17.13 -0.96 0.00	20.35 -1.02 0.00	21.05 -1.18 0.00	26.83 -1.62 0.00	19.25 -1.10 0.00	19.03 -1.01 0.00	18.52 -1.05 0.00	17.98 -1.08 0.00	17.01 -1.12 0.00	17.81 -1.19 0.00	19.31 -1.09 0.00	19.71 -1.16 0.00	22.82 -1.39 0.00	25.47 -1.52 0.00	29.95 -1.63 0.00	31.13 -1.61 0.00	30.76 -1.57 0.00	24.15 -1.27 0.00	20.59 -1.07 0.00	18.70 -0.92 0.00
GLEN PARK___ 23778	14.79 -0.48 0.00	16.26 -0.68 0.00	14.27 -0.66 0.00	16.75 -0.76 0.00	17.59 -0.50 0.00	21.38 0.01 0.00	22.42 0.18 0.00	28.25 -0.20 0.00	19.42 -0.94 0.00	18.97 -1.06 0.00	18.87 -0.70 0.00	18.49 -0.57 0.00	17.79 -0.34 0.00	18.53 -0.47 0.00	19.88 -0.52 0.00	20.40 -0.48 0.00	23.60 -0.62 0.00	26.58 -0.40 0.00	31.53 -0.05 0.00	33.26 0.51 0.00	33.33 1.00 0.00	26.38 0.96 0.00	22.36 0.71 0.00	20.16 0.54 0.00
GLENDALE_27_KV_LOAD 356172	16.19 0.92 0.00	17.90 0.95 0.00	15.70 0.76 0.00	18.39 0.88 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.38 1.93 0.00	21.91 1.56 0.00	21.61 1.58 0.00	21.22 1.65 0.00	20.70 1.64 0.00	19.72 1.59 0.00	20.75 1.76 0.00	22.26 1.86 0.00	22.85 1.97 0.00	26.59 2.38 0.00	29.46 2.47 0.00	34.24 2.67 0.00	35.35 2.60 0.00	34.82 2.49 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.65 1.03 0.00
GLENWOOD_IC_1_G5 23712	16.22 0.94 0.00	17.93 0.98 0.00	15.72 0.78 0.00	18.42 0.91 0.00	19.00 0.91 0.00	22.51 1.14 0.00	23.48 1.25 0.00	30.34 1.89 0.00	21.88 1.52 0.00	21.58 1.55 0.00	30.87 1.69 -9.62	24.05 1.65 -3.33	23.91 1.59 -4.19	20.95 1.72 -0.24	22.17 1.77 0.00	26.01 1.94 -3.20	28.40 2.35 -1.84	30.19 2.37 -0.84	34.10 2.51 -0.01	35.18 2.43 -0.01	34.71 2.39 0.00	27.13 1.71 0.00	22.91 1.26 0.00	20.66 1.04 0.00
GLENWOOD_IC_2_G1 23688	16.16 0.89 0.00	17.87 0.93 0.00	15.67 0.74 0.00	18.36 0.86 0.00	18.94 0.85 0.00	22.43 1.05 0.00	23.40 1.17 0.00	30.23 1.78 0.00	21.79 1.44 0.00	21.49 1.45 0.00	29.90 1.57 -8.77	22.14 1.54 -1.54	21.79 1.50 -2.16	20.72 1.61 -0.11	22.07 1.67 0.00	24.21 1.81 -1.53	27.28 2.20 -0.87	29.20 2.22 0.00	33.95 2.37 0.00	35.05 2.31 0.00	34.56 2.23 0.00	27.01 1.60 0.00	22.82 1.16 0.00	20.59 0.96 0.00
GLENWOOD_IC_3_G1 23689	16.16 0.89 0.00	17.87 0.93 0.00	15.67 0.74 0.00	18.36 0.86 0.00	18.94 0.85 0.00	22.43 1.05 0.00	23.40 1.17 0.00	30.23 1.78 0.00	21.79 1.44 0.00	21.49 1.45 0.00	29.90 1.57 -8.77	22.14 1.54 -1.54	21.79 1.50 -2.16	20.72 1.61 -0.11	22.07 1.67 0.00	24.21 1.81 -1.53	27.28 2.20 -0.87	29.20 2.22 0.00	33.95 2.37 0.00	35.05 2.31 0.00	34.56 2.23 0.00	27.01 1.60 0.00	22.82 1.16 0.00	20.59 0.96 0.00
GLENWOOD___4 23550	16.22 0.94 0.00	17.93 0.98 0.00	15.72 0.78 0.00	18.42 0.91 0.00	19.00 0.91 0.00	22.51 1.14 0.00	23.48 1.25 0.00	30.34 1.89 0.00	21.88 1.52 0.00	21.58 1.55 0.00	30.87 1.69 -9.62	24.05 1.65 -3.33	23.91 1.59 -4.19	20.95 1.72 -0.24	22.17 1.77 0.00	26.01 1.94 -3.20	28.40 2.35 -1.84	30.19 2.37 -0.84	34.10 2.51 -0.01	35.18 2.43 -0.01	34.71 2.39 0.00	27.13 1.71 0.00	22.91 1.26 0.00	20.66 1.04 0.00
GLENWOOD___5 23614	16.22 0.94 0.00	17.93 0.98 0.00	15.72 0.78 0.00	18.42 0.91 0.00	19.00 0.91 0.00	22.51 1.14 0.00	23.48 1.25 0.00	30.34 1.89 0.00	21.88 1.52 0.00	21.58 1.55 0.00	30.87 1.69 -9.62	24.05 1.65 -3.33	23.91 1.59 -4.19	20.95 1.72 -0.24	22.17 1.77 0.00	26.01 1.94 -3.20	28.40 2.35 -1.84	30.19 2.37 -0.84	34.10 2.51 -0.01	35.18 2.43 -0.01	34.71 2.39 0.00	27.13 1.71 0.00	22.91 1.26 0.00	20.66 1.04 0.00
GLOBAL GREEN_PORT_GT1 23814	16.97 1.70 0.00	18.77 1.83 0.00	16.42 1.48 0.00	19.27 1.76 0.00	19.90 1.81 0.00	23.68 2.31 0.00	27.49 2.45 -2.80	32.13 3.42 -0.26	30.35 2.61 -7.38	24.62 2.66 -1.92	33.63 2.84 -11.22	23.76 2.75 -1.95	23.92 2.62 -3.17	21.76 2.71 -0.06	23.09 2.69 0.00	24.49 2.87 -0.75	28.13 3.50 -0.42	30.00 3.42 0.39	35.29 3.72 0.00	36.48 3.74 0.00	61.93 3.81 -25.80	29.27 2.88 -0.97	27.25 2.24 -3.36	21.99 1.97 -0.40
GLOBE___DSASP 323697	14.77 -0.50 0.00	16.42 -0.53 0.00	14.69 -0.25 0.00	16.93 -0.58 0.00	17.46 -0.62 0.00	20.78 -0.59 0.00	21.32 -0.91 0.00	26.98 -1.47 0.00	19.48 -0.88 0.00	19.36 -0.68 0.00	18.89 -0.67 0.00	18.36 -0.70 0.00	17.33 -0.80 0.00	18.11 -0.88 0.00	19.79 -0.61 0.00	20.20 -0.67 0.00	23.24 -0.97 0.00	25.83 -1.15 0.00	30.28 -1.30 0.00	31.38 -1.36 0.00	30.91 -1.42 0.00	24.27 -1.15 0.00	20.90 -0.76 0.00	19.21 -0.41 0.00
GOETHSLN___LBMP 323567	16.07 0.80 0.00	17.76 0.82 0.00	15.59 0.65 0.00	18.26 0.76 0.00	18.83 0.74 0.00	22.27 0.90 0.00	23.28 1.04 0.00	30.12 1.68 0.00	21.72 1.37 0.00	21.42 1.38 0.00	21.04 1.47 0.00	20.53 1.47 0.00	19.57 1.44 0.00	20.59 1.60 0.00	22.11 1.71 0.00	22.69 1.81 0.00	26.40 2.19 0.00	29.24 2.26 0.00	34.01 2.43 0.00	35.07 2.32 0.00	34.55 2.22 0.00	26.93 1.51 0.00	22.74 1.08 0.00	20.49 0.87 0.00
GOLAH___69_KV_TB 1_2 80279	15.30 0.03 0.00	16.98 0.04 0.00	15.10 0.17 0.00	17.49 -0.01 0.00	18.07 -0.02 0.00	21.49 0.12 0.00	22.19 -0.05 0.00	28.25 -0.20 0.00	20.29 -0.06 0.00	20.09 0.05 0.00	19.53 -0.03 0.00	18.95 -0.11 0.00	17.91 -0.22 0.00	18.73 -0.26 0.00	20.36 -0.04 0.00	20.78 -0.10 0.00	24.01 -0.20 0.00	26.78 -0.20 0.00	31.49 -0.08 0.00	32.80 0.05 0.00	32.42 0.09 0.00	25.47 0.05 0.00	21.76 0.10 0.00	19.80 0.18 0.00

GOODYEAR_LAKE_HYD 323669	15.83 0.56 0.00	17.55 0.61 0.00	15.47 0.53 0.00	18.13 0.62 0.00	18.72 0.63 0.00	22.22 0.85 0.00	23.22 0.99 0.00	30.75 2.30 0.00	21.82 1.47 0.00	21.46 1.42 0.00	20.49 0.92 0.00	19.92 0.86 0.00	18.91 0.78 0.00	19.82 0.83 0.00	21.30 0.90 0.00	21.82 0.94 0.00	25.37 1.16 0.00	28.29 1.32 0.00	33.15 1.57 0.00	34.46 1.72 0.00	34.06 1.73 0.00	26.66 1.25 0.00	22.61 0.96 0.00	20.46 0.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	15.46 0.19 0.00	17.14 0.19 0.00	15.12 0.19 0.00	17.71 0.21 0.00	18.27 0.18 0.00	21.61 0.24 0.00	22.49 0.26 0.00	28.90 0.45 0.00	20.71 0.35 0.00	20.46 0.42 0.00	19.94 0.37 0.00	19.42 0.36 0.00	18.39 0.26 0.00	19.32 0.33 0.00	20.78 0.38 0.00	21.29 0.42 0.00	24.79 0.58 0.00	27.51 0.53 0.00	32.18 0.61 0.00	33.41 0.67 0.00	33.00 0.67 0.00	25.81 0.39 0.00	21.93 0.27 0.00	19.90 0.27 0.00
GOUDEY___7 23579	15.47 0.20 0.00	17.15 0.21 0.00	15.13 0.20 0.00	17.73 0.22 0.00	18.29 0.20 0.00	21.63 0.26 0.00	22.51 0.28 0.00	28.93 0.48 0.00	20.72 0.37 0.00	20.48 0.44 0.00	19.96 0.39 0.00	19.44 0.38 0.00	18.41 0.27 0.00	19.34 0.34 0.00	20.80 0.40 0.00	21.31 0.44 0.00	24.81 0.60 0.00	27.53 0.55 0.00	32.22 0.65 0.00	33.44 0.70 0.00	33.03 0.70 0.00	25.83 0.41 0.00	21.95 0.29 0.00	19.91 0.29 0.00
GOUDEY___8 23580	15.46 0.19 0.00	17.14 0.19 0.00	15.12 0.19 0.00	17.71 0.21 0.00	18.27 0.18 0.00	21.61 0.24 0.00	22.49 0.26 0.00	28.90 0.45 0.00	20.71 0.35 0.00	20.46 0.42 0.00	19.94 0.37 0.00	19.42 0.36 0.00	18.39 0.26 0.00	19.32 0.33 0.00	20.78 0.38 0.00	21.29 0.42 0.00	24.79 0.58 0.00	27.51 0.53 0.00	32.18 0.61 0.00	33.41 0.67 0.00	33.00 0.67 0.00	25.81 0.39 0.00	21.93 0.27 0.00	19.90 0.27 0.00
GOWANUS_GT1_1 24077	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_2 24078	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_3 24079	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_4 24080	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_5 24084	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_6 24111	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_7 24112	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT1_8 24113	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT2_1 24114	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT2_2 24115	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT2_3 24116	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00

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GOWANUS_GT4_3 24132	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT4_4 24133	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT4_5 24134	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT4_6 24135	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT4_7 24136	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GOWANUS_GT4_8 24137	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GREENBSH_115KV_TB3 55895	15.55 0.28 0.00	17.22 0.28 0.00	15.20 0.26 0.00	17.75 0.24 0.00	18.30 0.21 0.00	21.45 0.08 0.00	22.32 0.08 0.00	28.72 0.27 0.00	20.56 0.21 0.00	20.17 0.14 0.00	19.69 0.12 0.00	19.17 0.11 0.00	18.26 0.13 0.00	19.13 0.13 0.00	20.53 0.13 0.00	21.03 0.16 0.00	24.42 0.21 0.00	27.18 0.20 0.00	31.86 0.28 0.00	33.01 0.26 0.00	32.53 0.20 0.00	25.59 0.17 0.00	21.74 0.08 0.00	19.66 0.04 0.00
GREENIDGE_115KV_TB5 80291	15.30 0.03 0.00	16.97 0.02 0.00	15.03 0.10 0.00	17.56 0.06 0.00	18.16 0.07 0.00	21.57 0.19 0.00	22.46 0.23 0.00	28.74 0.30 0.00	20.55 0.20 0.00	20.23 0.20 0.00	19.68 0.11 0.00	19.10 0.04 0.00	18.00 -0.13 0.00	18.92 -0.07 0.00	20.46 0.05 0.00	20.94 0.07 0.00	24.38 0.17 0.00	27.08 0.10 0.00	31.88 0.30 0.00	33.16 0.42 0.00	32.79 0.46 0.00	25.80 0.38 0.00	21.95 0.29 0.00	19.90 0.27 0.00
GREENIDGE___3 23582	15.30 0.03 0.00	16.97 0.02 0.00	15.03 0.10 0.00	17.56 0.06 0.00	18.16 0.07 0.00	21.57 0.19 0.00	22.46 0.23 0.00	28.74 0.30 0.00	20.55 0.20 0.00	20.23 0.20 0.00	19.68 0.11 0.00	19.10 0.04 0.00	18.00 -0.13 0.00	18.92 -0.07 0.00	20.46 0.05 0.00	20.94 0.07 0.00	24.38 0.17 0.00	27.08 0.10 0.00	31.88 0.30 0.00	33.16 0.42 0.00	32.79 0.46 0.00	25.80 0.38 0.00	21.95 0.29 0.00	19.90 0.27 0.00
GREENIDGE___4 23583	15.30 0.03 0.00	16.97 0.02 0.00	15.03 0.10 0.00	17.56 0.06 0.00	18.16 0.07 0.00	21.56 0.19 0.00	22.46 0.22 0.00	28.74 0.29 0.00	20.55 0.20 0.00	20.23 0.20 0.00	19.68 0.11 0.00	19.10 0.04 0.00	18.00 -0.13 0.00	18.92 -0.07 0.00	20.46 0.05 0.00	20.94 0.07 0.00	24.38 0.17 0.00	27.08 0.10 0.00	31.87 0.30 0.00	33.16 0.41 0.00	32.79 0.46 0.00	25.79 0.37 0.00	21.95 0.29 0.00	19.88 0.26 0.00
GREENLWN_69_KV_BK 3 55738	16.21 0.94 0.00	17.95 1.01 0.00	15.71 0.77 0.00	18.41 0.90 0.00	19.00 0.92 0.00	22.55 1.18 0.00	22.73 1.29 0.79	30.21 1.83 0.07	19.83 1.56 2.09	21.05 1.56 0.54	29.95 1.79 -8.60	22.31 1.73 -1.52	22.57 1.68 -2.76	20.82 1.76 -0.07	22.15 1.75 0.00	23.72 1.96 -0.89	27.10 2.38 -0.51	28.81 2.15 0.32	33.68 2.11 0.00	34.81 2.07 0.00	27.25 2.20 7.28	26.72 1.58 0.27	21.96 1.25 0.95	20.53 1.02 0.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00
GRISSOM___SOLAR 323813	16.98 1.71 0.00	18.73 1.79 0.00	16.49 1.56 0.00	19.37 1.87 0.00	20.08 2.00 0.00	24.12 2.75 0.00	25.11 2.87 0.00	31.78 3.33 0.00	21.64 1.29 0.00	20.71 0.68 0.00	19.59 0.02 0.00	19.21 0.15 0.00	18.14 0.00 0.00	18.97 -0.02 0.00	20.49 0.09 0.00	21.01 0.14 0.00	24.62 0.41 0.00	28.49 1.51 0.00	34.64 3.06 0.00	37.38 4.64 0.00	37.21 4.88 0.00	29.10 3.68 0.00	24.59 2.93 0.00	22.27 2.65 0.00
GROVEVILLE___HYD 323602	16.27 0.99 0.00	17.99 1.04 0.00	15.80 0.86 0.00	18.50 0.99 0.00	19.08 0.99 0.00	22.58 1.21 0.00	23.59 1.36 0.00	30.47 2.02 0.00	21.90 1.55 0.00	21.51 1.47 0.00	21.07 1.51 0.00	20.54 1.48 0.00	19.56 1.43 0.00	20.57 1.58 0.00	22.07 1.67 0.00	22.66 1.79 0.00	26.42 2.21 0.00	29.36 2.38 0.00	34.32 2.74 0.00	35.47 2.73 0.00	34.94 2.61 0.00	27.29 1.88 0.00	23.03 1.37 0.00	20.73 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.78 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00

HAMLTNNY_34_KV_TB 80303	15.29 0.01 0.00	16.95 0.00 0.00	14.96 0.02 0.00	17.49 -0.02 0.00	18.07 -0.02 0.00	21.37 0.00 0.00	22.22 -0.01 0.00	28.43 -0.02 0.00	20.34 -0.01 0.00	20.03 -0.01 0.00	19.53 -0.04 0.00	19.01 -0.05 0.00	18.04 -0.09 0.00	18.92 -0.07 0.00	20.34 -0.06 0.00	20.78 -0.08 0.00	24.14 -0.07 0.00	26.93 -0.05 0.00	31.62 0.05 0.00	32.84 0.10 0.00	32.44 0.11 0.00	25.45 0.04 0.00	21.64 -0.02 0.00	19.63 0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	14.69 -0.58 0.00	16.21 -0.73 0.00	14.24 -0.70 0.00	16.78 -0.73 0.00	17.63 -0.46 0.00	21.24 -0.13 0.00	22.29 0.06 0.00	28.22 -0.23 0.00	19.76 -0.59 0.00	19.44 -0.59 0.00	19.08 -0.49 0.00	18.70 -0.36 0.00	17.89 -0.25 0.00	18.71 -0.29 0.00	20.10 -0.30 0.00	20.58 -0.29 0.00	23.84 -0.37 0.00	26.76 -0.22 0.00	31.55 -0.02 0.00	32.97 0.23 0.00	32.79 0.46 0.00	25.83 0.41 0.00	22.00 0.34 0.00	19.79 0.17 0.00
HARDSCRABBLE_WT_PWR 323673	15.21 -0.06 0.00	16.87 -0.07 0.00	14.86 -0.08 0.00	17.46 -0.05 0.00	17.99 -0.09 0.00	21.09 -0.28 0.00	21.92 -0.31 0.00	28.29 -0.16 0.00	20.09 -0.26 0.00	19.52 -0.52 0.00	18.94 -0.62 0.00	18.44 -0.62 0.00	17.50 -0.63 0.00	18.30 -0.69 0.00	19.59 -0.81 0.00	20.20 -0.67 0.00	23.74 -0.47 0.00	26.59 -0.39 0.00	31.57 0.00 0.00	33.04 0.29 0.00	32.73 0.40 0.00	25.68 0.26 0.00	21.69 0.03 0.00	19.57 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.06 0.78 0.00	17.76 0.81 0.00	15.60 0.66 0.00	18.28 0.77 0.00	18.85 0.76 0.00	22.31 0.94 0.00	23.28 1.05 0.00	30.06 1.61 0.00	21.62 1.26 0.00	21.26 1.23 0.00	20.89 1.32 0.00	20.38 1.31 0.00	19.41 1.28 0.00	20.42 1.43 0.00	21.92 1.52 0.00	22.50 1.63 0.00	26.21 2.00 0.00	29.08 2.10 0.00	33.92 2.35 0.00	35.01 2.27 0.00	34.48 2.16 0.00	26.94 1.52 0.00	22.74 1.08 0.00	20.48 0.86 0.00
HARSNRAD_115KV_TB1 81005	15.06 -0.21 0.00	16.73 -0.21 0.00	14.95 0.02 0.00	17.24 -0.26 0.00	17.81 -0.28 0.00	21.19 -0.18 0.00	21.77 -0.46 0.00	27.67 -0.78 0.00	20.00 -0.36 0.00	19.85 -0.19 0.00	19.31 -0.25 0.00	18.68 -0.38 0.00	17.61 -0.52 0.00	18.42 -0.57 0.00	20.12 -0.28 0.00	20.53 -0.35 0.00	23.65 -0.56 0.00	26.30 -0.68 0.00	30.87 -0.71 0.00	32.05 -0.70 0.00	31.64 -0.69 0.00	24.92 -0.50 0.00	21.44 -0.21 0.00	19.59 -0.03 0.00
HARZA MOOSE___RIVER 24016	15.14 -0.13 0.00	16.68 -0.27 0.00	14.65 -0.29 0.00	17.20 -0.31 0.00	17.97 -0.12 0.00	21.58 0.20 0.00	22.59 0.35 0.00	28.73 0.28 0.00	20.15 -0.20 0.00	19.79 -0.25 0.00	19.41 -0.16 0.00	19.00 -0.07 0.00	18.16 0.03 0.00	19.04 0.05 0.00	20.45 0.05 0.00	20.92 0.05 0.00	24.29 0.08 0.00	27.21 0.23 0.00	32.14 0.56 0.00	33.62 0.87 0.00	33.40 1.07 0.00	26.27 0.85 0.00	22.29 0.64 0.00	20.13 0.51 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.20 -0.07 0.00	16.85 -0.09 0.00	14.87 -0.08 0.00	17.40 -0.11 0.00	17.97 -0.12 0.00	21.24 -0.13 0.00	22.08 -0.16 0.00	28.28 -0.17 0.00	20.23 -0.12 0.00	19.92 -0.12 0.00	19.44 -0.12 0.00	18.93 -0.13 0.00	17.98 -0.14 0.00	18.85 -0.14 0.00	20.25 -0.15 0.00	20.70 -0.17 0.00	24.02 -0.19 0.00	26.77 -0.21 0.00	31.38 -0.19 0.00	32.59 -0.16 0.00	32.19 -0.13 0.00	25.27 -0.14 0.00	21.49 -0.16 0.00	19.51 -0.11 0.00
HELLGATE_13_KV_LD 55870	16.13 0.85 0.00	17.83 0.88 0.00	15.64 0.70 0.00	18.32 0.81 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.35 1.11 0.00	30.23 1.78 0.00	21.79 1.44 0.00	21.50 1.47 0.00	21.10 1.53 0.00	20.59 1.53 0.00	19.62 1.49 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.03 2.45 0.00	35.13 2.38 0.00	34.62 2.29 0.00	26.99 1.57 0.00	22.81 1.15 0.00	20.55 0.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.13 0.85 0.00	17.83 0.88 0.00	15.64 0.70 0.00	18.32 0.81 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.35 1.11 0.00	30.23 1.78 0.00	21.79 1.44 0.00	21.50 1.47 0.00	21.10 1.53 0.00	20.59 1.53 0.00	19.62 1.49 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.03 2.45 0.00	35.13 2.38 0.00	34.62 2.29 0.00	26.99 1.57 0.00	22.81 1.15 0.00	20.55 0.93 0.00
HEMPSTEAD____ 23647	16.17 0.90 0.00	17.88 0.94 0.00	15.66 0.72 0.00	18.35 0.85 0.00	18.94 0.85 0.00	22.46 1.09 0.00	23.41 1.18 0.00	30.24 1.79 0.00	21.81 1.46 0.00	21.53 1.49 0.00	31.11 1.65 -9.89	24.55 1.62 -3.86	24.54 1.58 -4.83	20.93 1.67 -0.28	22.09 1.69 0.00	26.38 1.87 -3.64	28.59 2.29 -2.09	30.28 2.24 -1.06	33.90 2.31 -0.01	35.01 2.25 -0.01	34.56 2.23 0.00	27.03 1.61 0.00	22.84 1.18 0.00	20.61 0.99 0.00
HEWLETT_69_KV_BK3 55828	16.30 1.03 0.00	18.02 1.07 0.00	15.77 0.83 0.00	18.49 0.98 0.00	19.08 0.99 0.00	22.64 1.27 0.00	23.58 1.34 0.00	30.45 2.00 0.00	21.97 1.61 0.00	21.69 1.65 0.00	34.85 1.82 -13.46	33.94 1.78 -13.10	33.83 1.72 -13.98	21.87 1.83 -1.05	22.26 1.86 0.00	36.77 2.04 -13.85	34.67 2.49 -7.97	35.67 2.49 -6.21	34.25 2.61 -0.07	35.33 2.53 -0.05	34.83 2.50 0.00	27.25 1.84 0.00	23.03 1.38 0.00	20.79 1.17 0.00
HICKLING___1 23621	15.60 0.32 0.00	17.28 0.33 0.00	15.28 0.34 0.00	17.92 0.41 0.00	18.48 0.39 0.00	21.93 0.56 0.00	22.85 0.61 0.00	29.30 0.85 0.00	21.02 0.66 0.00	20.81 0.78 0.00	20.27 0.71 0.00	19.73 0.67 0.00	18.59 0.46 0.00	19.59 0.60 0.00	21.13 0.72 0.00	21.67 0.80 0.00	25.32 1.11 0.00	28.00 1.01 0.00	32.82 1.24 0.00	34.13 1.38 0.00	33.73 1.40 0.00	26.27 0.85 0.00	22.31 0.65 0.00	20.24 0.62 0.00
HICKLING___2 23622	15.60 0.32 0.00	17.28 0.33 0.00	15.28 0.34 0.00	17.92 0.41 0.00	18.48 0.39 0.00	21.93 0.56 0.00	22.85 0.61 0.00	29.30 0.85 0.00	21.02 0.66 0.00	20.81 0.78 0.00	20.27 0.71 0.00	19.73 0.67 0.00	18.59 0.46 0.00	19.59 0.60 0.00	21.13 0.72 0.00	21.67 0.80 0.00	25.32 1.11 0.00	28.00 1.01 0.00	32.82 1.24 0.00	34.13 1.38 0.00	33.73 1.40 0.00	26.27 0.85 0.00	22.31 0.65 0.00	20.24 0.62 0.00
HIGH FALLS___HY 23754	16.34 1.07 0.00	18.08 1.13 0.00	15.87 0.93 0.00	18.60 1.09 0.00	19.18 1.09 0.00	22.78 1.41 0.00	23.83 1.59 0.00	30.74 2.29 0.00	22.15 1.79 0.00	21.72 1.69 0.00	21.20 1.63 0.00	20.64 1.58 0.00	19.63 1.51 0.00	20.65 1.66 0.00	22.16 1.76 0.00	22.73 1.85 0.00	26.59 2.38 0.00	29.68 2.70 0.00	34.65 3.08 0.00	35.86 3.11 0.00	35.36 3.03 0.00	27.56 2.15 0.00	23.23 1.58 0.00	20.91 1.29 0.00
HILLBURN___GT 23639	16.03 0.76 0.00	17.72 0.78 0.00	15.57 0.63 0.00	18.25 0.74 0.00	18.81 0.72 0.00	22.28 0.91 0.00	23.26 1.02 0.00	30.03 1.58 0.00	21.61 1.25 0.00	21.28 1.24 0.00	20.92 1.35 0.00	20.41 1.35 0.00	19.45 1.32 0.00	20.44 1.45 0.00	21.94 1.54 0.00	22.52 1.65 0.00	26.21 2.00 0.00	29.04 2.06 0.00	33.84 2.26 0.00	34.91 2.16 0.00	34.39 2.06 0.00	26.86 1.44 0.00	22.67 1.02 0.00	20.43 0.81 0.00

HILLSIDE_115KV_TB1 80332	15.29 0.01 0.00	16.94 0.00 0.00	14.97 0.04 0.00	17.56 0.05 0.00	18.09 0.00 0.00	21.44 0.06 0.00	22.31 0.07 0.00	28.62 0.17 0.00	20.53 0.18 0.00	20.38 0.34 0.00	19.88 0.31 0.00	19.38 0.32 0.00	18.26 0.13 0.00	19.25 0.26 0.00	20.74 0.33 0.00	21.27 0.40 0.00	24.84 0.63 0.00	27.40 0.42 0.00	32.02 0.45 0.00	33.27 0.53 0.00	32.87 0.55 0.00	25.62 0.20 0.00	21.79 0.13 0.00	19.80 0.18 0.00
HISHELDN_WT_PWR 323625	15.05 -0.22 0.00	16.76 -0.19 0.00	14.96 0.02 0.00	17.37 -0.14 0.00	17.96 -0.13 0.00	21.36 -0.01 0.00	22.05 -0.18 0.00	28.12 -0.32 0.00	20.30 -0.06 0.00	20.13 0.09 0.00	19.60 0.03 0.00	18.95 -0.11 0.00	17.80 -0.33 0.00	18.70 -0.30 0.00	20.43 0.03 0.00	20.91 0.03 0.00	24.20 -0.01 0.00	26.88 -0.10 0.00	31.51 -0.07 0.00	32.74 -0.01 0.00	32.33 0.00 0.00	25.35 -0.07 0.00	21.71 0.05 0.00	19.71 0.09 0.00
HOLTSVILLE_IC_1 23690	16.41 1.14 0.00	18.15 1.21 0.00	15.88 0.94 0.00	18.62 1.11 0.00	19.22 1.14 0.00	22.83 1.46 0.00	26.54 1.49 -2.82	30.87 2.16 -0.26	29.49 1.71 -7.43	23.74 1.76 -1.94	32.78 1.98 -11.23	22.95 1.95 -1.94	23.21 1.92 -3.16	21.04 2.00 -0.05	22.37 1.97 0.00	23.76 2.16 -0.73	27.22 2.59 -0.41	28.93 2.35 0.40	33.97 2.40 0.00	35.12 2.38 0.00	60.70 2.48 -25.89	28.27 1.88 -0.97	26.46 1.44 -3.37	21.31 1.29 -0.40
HOLTSVILLE_IC_10 23699	16.49 1.22 0.00	18.23 1.28 0.00	15.94 1.00 0.00	18.69 1.19 0.00	19.30 1.21 0.00	22.94 1.57 0.00	26.79 1.61 -2.95	31.03 2.31 -0.28	29.93 1.83 -7.76	23.94 1.88 -2.02	33.01 2.11 -11.34	23.13 2.07 -2.01	23.38 2.02 -3.23	21.15 2.10 -0.06	22.47 2.07 0.00	23.92 2.25 -0.79	27.36 2.70 -0.45	29.09 2.48 0.37	34.15 2.58 0.00	35.31 2.57 0.00	62.03 2.66 -27.04	28.45 2.02 -1.01	26.72 1.55 -3.52	21.42 1.38 -0.42
HOLTSVILLE_IC_2 23691	16.41 1.14 0.00	18.15 1.21 0.00	15.88 0.94 0.00	18.62 1.11 0.00	19.22 1.14 0.00	22.83 1.46 0.00	26.54 1.49 -2.82	30.87 2.16 -0.26	29.49 1.71 -7.43	23.74 1.76 -1.94	32.78 1.98 -11.23	22.95 1.95 -1.94	23.21 1.92 -3.16	21.04 2.00 -0.05	22.37 1.97 0.00	23.76 2.16 -0.73	27.22 2.59 -0.41	28.93 2.35 0.40	33.97 2.40 0.00	35.12 2.38 0.00	60.70 2.48 -25.89	28.27 1.88 -0.97	26.46 1.44 -3.37	21.31 1.29 -0.40
HOLTSVILLE_IC_3 23692	16.41 1.14 0.00	18.15 1.21 0.00	15.88 0.94 0.00	18.62 1.11 0.00	19.22 1.14 0.00	22.83 1.46 0.00	26.54 1.49 -2.82	30.87 2.16 -0.26	29.49 1.71 -7.43	23.74 1.76 -1.94	32.78 1.98 -11.23	22.95 1.95 -1.94	23.21 1.92 -3.16	21.04 2.00 -0.05	22.37 1.97 0.00	23.76 2.16 -0.73	27.22 2.59 -0.41	28.93 2.35 0.40	33.97 2.40 0.00	35.12 2.38 0.00	60.70 2.48 -25.89	28.27 1.88 -0.97	26.46 1.44 -3.37	21.31 1.29 -0.40
HOLTSVILLE_IC_4 23693	16.41 1.14 0.00	18.15 1.21 0.00	15.88 0.94 0.00	18.62 1.11 0.00	19.22 1.14 0.00	22.83 1.46 0.00	26.54 1.49 -2.82	30.87 2.16 -0.26	29.49 1.71 -7.43	23.74 1.76 -1.94	32.78 1.98 -11.23	22.95 1.95 -1.94	23.21 1.92 -3.16	21.04 2.00 -0.05	22.37 1.97 0.00	23.76 2.16 -0.73	27.22 2.59 -0.41	28.93 2.35 0.40	33.97 2.40 0.00	35.12 2.38 0.00	60.70 2.48 -25.89	28.27 1.88 -0.97	26.46 1.44 -3.37	21.31 1.29 -0.40
HOLTSVILLE_IC_5 23694	16.41 1.14 0.00	18.15 1.21 0.00	15.88 0.94 0.00	18.62 1.11 0.00	19.22 1.14 0.00	22.83 1.46 0.00	26.54 1.49 -2.82	30.87 2.16 -0.26	29.49 1.71 -7.43	23.74 1.76 -1.94	32.78 1.98 -11.23	22.95 1.95 -1.94	23.21 1.92 -3.16	21.04 2.00 -0.05	22.37 1.97 0.00	23.76 2.16 -0.73	27.22 2.59 -0.41	28.93 2.35 0.40	33.97 2.40 0.00	35.12 2.38 0.00	60.70 2.48 -25.89	28.27 1.88 -0.97	26.46 1.44 -3.37	21.31 1.29 -0.40
HOLTSVILLE_IC_6 23695	16.49 1.22 0.00	18.23 1.28 0.00	15.94 1.00 0.00	18.69 1.19 0.00	19.30 1.21 0.00	22.94 1.57 0.00	26.79 1.61 -2.95	31.03 2.31 -0.28	29.93 1.83 -7.76	23.94 1.88 -2.02	33.01 2.11 -11.34	23.13 2.07 -2.01	23.38 2.02 -3.23	21.15 2.10 -0.06	22.47 2.07 0.00	23.92 2.25 -0.79	27.36 2.70 -0.45	29.09 2.48 0.37	34.15 2.58 0.00	35.31 2.57 0.00	62.03 2.66 -27.04	28.45 2.02 -1.01	26.72 1.55 -3.52	21.42 1.38 -0.42
HOLTSVILLE_IC_7 23696	16.49 1.22 0.00	18.23 1.28 0.00	15.94 1.00 0.00	18.69 1.19 0.00	19.30 1.21 0.00	22.94 1.57 0.00	26.79 1.61 -2.95	31.03 2.31 -0.28	29.93 1.83 -7.76	23.94 1.88 -2.02	33.01 2.11 -11.34	23.13 2.07 -2.01	23.38 2.02 -3.23	21.15 2.10 -0.06	22.47 2.07 0.00	23.92 2.25 -0.79	27.36 2.70 -0.45	29.09 2.48 0.37	34.15 2.58 0.00	35.31 2.57 0.00	62.03 2.66 -27.04	28.45 2.02 -1.01	26.72 1.55 -3.52	21.42 1.38 -0.42
HOLTSVILLE_IC_8 23697	16.49 1.22 0.00	18.23 1.28 0.00	15.94 1.00 0.00	18.69 1.19 0.00	19.30 1.21 0.00	22.94 1.57 0.00	26.79 1.61 -2.95	31.03 2.31 -0.28	29.93 1.83 -7.76	23.94 1.88 -2.02	33.01 2.11 -11.34	23.13 2.07 -2.01	23.38 2.02 -3.23	21.15 2.10 -0.06	22.47 2.07 0.00	23.92 2.25 -0.79	27.36 2.70 -0.45	29.09 2.48 0.37	34.15 2.58 0.00	35.31 2.57 0.00	62.03 2.66 -27.04	28.45 2.02 -1.01	26.72 1.55 -3.52	21.42 1.38 -0.42
HOLTSVILLE_IC_9 23698	16.49 1.22 0.00	18.23 1.28 0.00	15.94 1.00 0.00	18.69 1.19 0.00	19.30 1.21 0.00	22.94 1.57 0.00	26.79 1.61 -2.95	31.03 2.31 -0.28	29.93 1.83 -7.76	23.94 1.88 -2.02	33.01 2.11 -11.34	23.13 2.07 -2.01	23.38 2.02 -3.23	21.15 2.10 -0.06	22.47 2.07 0.00	23.92 2.25 -0.79	27.36 2.70 -0.45	29.09 2.48 0.37	34.15 2.58 0.00	35.31 2.57 0.00	62.03 2.66 -27.04	28.45 2.02 -1.01	26.72 1.55 -3.52	21.42 1.38 -0.42
HOMER_HL_115KV_TB2 355744	15.76 0.49 0.00	17.52 0.58 0.00	15.55 0.61 0.00	18.14 0.63 0.00	18.70 0.61 0.00	22.22 0.85 0.00	22.96 0.73 0.00	29.41 0.96 0.00	21.19 0.84 0.00	21.11 1.07 0.00	20.59 1.02 0.00	19.98 0.92 0.00	18.76 0.63 0.00	19.70 0.71 0.00	21.33 0.92 0.00	21.83 0.96 0.00	25.29 1.08 0.00	27.93 0.95 0.00	32.56 0.99 0.00	33.81 1.06 0.00	33.43 1.10 0.00	26.13 0.71 0.00	22.38 0.72 0.00	20.42 0.79 0.00
HOWARD_WT_PWR 323690	14.78 -0.50 0.00	16.40 -0.54 0.00	14.60 -0.33 0.00	17.13 -0.38 0.00	17.89 -0.20 0.00	21.31 -0.06 0.00	22.33 0.09 0.00	28.69 0.24 0.00	20.69 0.33 0.00	20.39 0.35 0.00	19.83 0.26 0.00	19.07 0.01 0.00	17.69 -0.44 0.00	18.57 -0.42 0.00	20.36 -0.05 0.00	20.92 0.04 0.00	24.37 0.16 0.00	27.17 0.20 0.00	32.02 0.44 0.00	33.50 0.76 0.00	33.07 0.74 0.00	25.84 0.42 0.00	22.06 0.40 0.00	19.96 0.34 0.00
HQ_GEN_CEDARS 23644	15.06 -0.22 0.00	16.71 -0.23 0.00	14.73 -0.21 0.00	17.34 -0.17 0.00	18.03 -0.07 0.00	21.42 0.05 0.00	22.36 0.12 0.00	28.38 -0.07 0.00	20.20 -0.15 0.00	19.95 -0.09 0.00	19.47 -0.10 0.00	19.00 -0.06 0.00	18.09 -0.04 0.00	18.90 -0.09 0.00	20.36 -0.04 0.00	20.83 -0.04 0.00	24.10 -0.11 0.00	26.95 -0.02 0.00	31.52 -0.06 0.00	32.69 -0.06 0.00	32.33 0.01 0.00	25.48 0.06 0.00	21.83 0.17 0.00	19.71 0.09 0.00

HQ_GEN_CEDARS_PROXY 323590	15.06 -0.22 0.00	16.71 -0.24 0.00	14.73 -0.21 0.00	17.34 -0.17 0.00	18.03 -0.06 0.00	21.42 0.05 0.00	22.36 0.12 0.00	28.38 -0.07 0.00	20.20 -0.15 0.00	19.95 -0.09 0.00	19.47 -0.10 0.00	19.00 -0.06 0.00	18.09 -0.04 0.00	18.90 -0.09 0.00	20.36 -0.04 0.00	20.83 -0.04 0.00	24.10 -0.11 0.00	26.95 -0.02 0.00	31.52 -0.06 0.00	32.69 -0.06 0.00	32.34 0.01 0.00	25.48 0.06 0.00	21.83 0.17 0.00	19.71 0.09 0.00
HQ_GEN_IMPORT 323601	15.19 -0.08 0.00	16.86 -0.08 0.00	14.87 -0.07 0.00	17.46 -0.04 0.00	18.07 -0.02 0.00	21.39 0.02 0.00	22.25 0.02 0.00	28.36 -0.09 0.00	20.28 -0.08 0.00	19.99 -0.05 0.00	19.51 -0.06 0.00	19.01 -0.05 0.00	18.09 -0.04 0.00	18.94 -0.06 0.00	20.37 -0.04 0.00	20.83 -0.04 0.00	24.14 -0.07 0.00	26.94 -0.04 0.00	31.48 -0.10 0.00	32.63 -0.11 0.00	32.23 -0.10 0.00	25.37 -0.05 0.00	21.70 0.05 0.00	19.65 0.03 0.00
HQ_GEN_WHEEL 23651	15.19 -0.08 0.00	16.86 -0.08 0.00	14.87 -0.07 0.00	17.46 -0.04 0.00	18.07 -0.02 0.00	21.39 0.02 0.00	22.25 0.02 0.00	28.36 -0.09 0.00	20.28 -0.08 0.00	19.99 -0.05 0.00	19.51 -0.06 0.00	19.01 -0.05 0.00	18.09 -0.04 0.00	18.94 -0.06 0.00	20.37 -0.04 0.00	20.83 -0.04 0.00	24.14 -0.07 0.00	26.94 -0.04 0.00	31.48 -0.10 0.00	32.63 -0.11 0.00	32.23 -0.10 0.00	25.37 -0.05 0.00	21.70 0.05 0.00	19.65 0.03 0.00
HUDSON AVE_GT_3 23810	16.16 0.89 0.00	17.86 0.92 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.92 0.84 0.00	22.39 1.01 0.00	23.41 1.18 0.00	30.29 1.84 0.00	21.86 1.50 0.00	21.56 1.52 0.00	21.17 1.60 0.00	20.65 1.59 0.00	19.68 1.55 0.00	20.71 1.72 0.00	22.22 1.82 0.00	22.80 1.93 0.00	26.53 2.32 0.00	29.39 2.41 0.00	34.18 2.61 0.00	35.26 2.52 0.00	34.74 2.41 0.00	27.09 1.67 0.00	22.87 1.21 0.00	20.61 0.99 0.00
HUDSON AVE_GT_4 23540	16.16 0.89 0.00	17.86 0.92 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.92 0.84 0.00	22.39 1.01 0.00	23.41 1.18 0.00	30.29 1.84 0.00	21.86 1.50 0.00	21.56 1.52 0.00	21.17 1.60 0.00	20.65 1.59 0.00	19.68 1.55 0.00	20.71 1.72 0.00	22.22 1.82 0.00	22.80 1.93 0.00	26.53 2.32 0.00	29.39 2.41 0.00	34.18 2.61 0.00	35.26 2.52 0.00	34.74 2.41 0.00	27.09 1.67 0.00	22.87 1.21 0.00	20.61 0.99 0.00
HUDSON AVE_GT_5 23657	16.16 0.89 0.00	17.86 0.92 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.92 0.84 0.00	22.39 1.01 0.00	23.41 1.18 0.00	30.29 1.84 0.00	21.86 1.50 0.00	21.56 1.52 0.00	21.17 1.60 0.00	20.65 1.59 0.00	19.68 1.55 0.00	20.71 1.72 0.00	22.22 1.82 0.00	22.80 1.93 0.00	26.53 2.32 0.00	29.39 2.41 0.00	34.18 2.61 0.00	35.26 2.52 0.00	34.74 2.41 0.00	27.09 1.67 0.00	22.87 1.21 0.00	20.61 0.99 0.00
HUDSON_AVE_10 24168	16.11 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.31 0.80 0.00	18.86 0.78 0.00	22.32 0.95 0.00	23.33 1.09 0.00	30.22 1.77 0.00	21.80 1.44 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.64 0.00	22.14 1.74 0.00	22.72 1.84 0.00	26.43 2.22 0.00	29.28 2.31 0.00	34.07 2.49 0.00	35.14 2.40 0.00	34.61 2.28 0.00	26.98 1.56 0.00	22.80 1.14 0.00	20.55 0.93 0.00
HUDSON___115KV_TB 4 355613	15.81 0.54 0.00	17.51 0.57 0.00	15.44 0.51 0.00	18.04 0.53 0.00	18.61 0.53 0.00	21.84 0.46 0.00	22.75 0.51 0.00	29.26 0.81 0.00	20.85 0.50 0.00	20.33 0.29 0.00	19.78 0.21 0.00	19.24 0.18 0.00	18.31 0.18 0.00	19.18 0.19 0.00	20.55 0.14 0.00	21.05 0.18 0.00	24.51 0.29 0.00	27.38 0.40 0.00	32.31 0.73 0.00	33.64 0.89 0.00	33.21 0.88 0.00	26.13 0.71 0.00	22.16 0.51 0.00	20.03 0.40 0.00
HUNTER MOUNT___DRP 323613	15.86 0.58 0.00	17.56 0.62 0.00	15.50 0.56 0.00	18.10 0.60 0.00	18.68 0.59 0.00	21.90 0.53 0.00	22.81 0.58 0.00	29.33 0.88 0.00	20.84 0.48 0.00	20.27 0.23 0.00	19.68 0.11 0.00	19.14 0.08 0.00	18.20 0.07 0.00	19.06 0.06 0.00	20.43 0.03 0.00	20.92 0.05 0.00	24.36 0.14 0.00	27.25 0.27 0.00	32.26 0.69 0.00	33.66 0.91 0.00	33.26 0.93 0.00	26.20 0.78 0.00	22.22 0.56 0.00	20.08 0.46 0.00
HUNTINGTON_RES_REC 323705	16.39 1.12 0.00	18.13 1.19 0.00	15.86 0.92 0.00	18.59 1.08 0.00	19.19 1.11 0.00	22.80 1.43 0.00	21.38 1.49 2.34	30.38 2.15 0.22	15.91 1.73 6.17	20.20 1.77 1.61	29.00 2.00 -7.43	22.25 1.96 -1.24	22.51 1.89 -2.49	21.02 1.97 -0.06	22.33 1.93 0.00	23.84 2.14 -0.83	27.28 2.60 -0.47	29.00 2.37 0.35	34.00 2.43 0.00	35.17 2.42 0.00	13.32 2.53 21.53	26.50 1.89 0.81	20.32 1.47 2.80	20.56 1.27 0.33
HUNTLEY___63 23557	15.17 -0.10 0.00	16.85 -0.09 0.00	15.06 0.12 0.00	17.37 -0.13 0.00	17.94 -0.15 0.00	21.35 -0.02 0.00	21.96 -0.28 0.00	27.88 -0.57 0.00	20.13 -0.22 0.00	20.00 -0.03 0.00	19.49 -0.08 0.00	18.90 -0.16 0.00	17.82 -0.31 0.00	18.65 -0.34 0.00	20.37 -0.03 0.00	20.78 -0.09 0.00	23.98 -0.23 0.00	26.64 -0.34 0.00	31.25 -0.33 0.00	32.43 -0.31 0.00	31.99 -0.35 0.00	25.14 -0.29 0.00	21.59 -0.07 0.00	19.74 0.12 0.00
HUNTLEY___64 23558	15.17 -0.10 0.00	16.85 -0.09 0.00	15.06 0.12 0.00	17.37 -0.13 0.00	17.94 -0.15 0.00	21.35 -0.02 0.00	21.96 -0.28 0.00	27.88 -0.57 0.00	20.13 -0.22 0.00	20.00 -0.03 0.00	19.49 -0.08 0.00	18.90 -0.16 0.00	17.82 -0.31 0.00	18.65 -0.34 0.00	20.37 -0.03 0.00	20.78 -0.09 0.00	23.98 -0.23 0.00	26.64 -0.34 0.00	31.25 -0.33 0.00	32.43 -0.31 0.00	31.99 -0.35 0.00	25.14 -0.29 0.00	21.59 -0.07 0.00	19.74 0.12 0.00
HUNTLEY___65 23559	15.17 -0.10 0.00	16.85 -0.09 0.00	15.06 0.12 0.00	17.37 -0.13 0.00	17.94 -0.15 0.00	21.35 -0.02 0.00	21.96 -0.28 0.00	27.88 -0.57 0.00	20.13 -0.22 0.00	20.00 -0.03 0.00	19.49 -0.08 0.00	18.90 -0.16 0.00	17.82 -0.31 0.00	18.65 -0.34 0.00	20.37 -0.03 0.00	20.78 -0.09 0.00	23.98 -0.23 0.00	26.64 -0.34 0.00	31.25 -0.33 0.00	32.43 -0.31 0.00	31.99 -0.35 0.00	25.14 -0.29 0.00	21.59 -0.07 0.00	19.74 0.12 0.00
HUNTLEY___66 23560	15.17 -0.10 0.00	16.85 -0.09 0.00	15.06 0.12 0.00	17.37 -0.13 0.00	17.94 -0.15 0.00	21.35 -0.02 0.00	21.96 -0.28 0.00	27.88 -0.57 0.00	20.13 -0.22 0.00	20.00 -0.03 0.00	19.49 -0.08 0.00	18.90 -0.16 0.00	17.82 -0.31 0.00	18.65 -0.34 0.00	20.37 -0.03 0.00	20.78 -0.09 0.00	23.98 -0.23 0.00	26.64 -0.34 0.00	31.25 -0.33 0.00	32.43 -0.31 0.00	31.99 -0.35 0.00	25.14 -0.29 0.00	21.59 -0.07 0.00	19.74 0.12 0.00
HUNTLEY___67 23561	15.09 -0.19 0.00	16.77 -0.17 0.00	14.98 0.04 0.00	17.30 -0.21 0.00	17.86 -0.23 0.00	21.23 -0.14 0.00	21.84 -0.40 0.00	27.77 -0.68 0.00	20.06 -0.29 0.00	19.93 -0.10 0.00	19.41 -0.16 0.00	18.82 -0.24 0.00	17.76 -0.37 0.00	18.59 -0.40 0.00	20.29 -0.11 0.00	20.70 -0.17 0.00	23.89 -0.32 0.00	26.54 -0.44 0.00	31.08 -0.50 0.00	32.27 -0.48 0.00	31.84 -0.48 0.00	25.02 -0.39 0.00	21.49 -0.17 0.00	19.63 0.01 0.00



HUNTLEY___68 23562	15.09 -0.19 0.00	16.77 -0.17 0.00	14.98 0.04 0.00	17.30 -0.21 0.00	17.86 -0.23 0.00	21.23 -0.14 0.00	21.84 -0.40 0.00	27.77 -0.68 0.00	20.06 -0.29 0.00	19.93 -0.10 0.00	19.41 -0.16 0.00	18.82 -0.24 0.00	17.76 -0.37 0.00	18.59 -0.40 0.00	20.29 -0.11 0.00	20.70 -0.17 0.00	23.89 -0.32 0.00	26.54 -0.44 0.00	31.08 -0.50 0.00	32.27 -0.48 0.00	31.84 -0.48 0.00	25.02 -0.39 0.00	21.49 -0.17 0.00	19.63 0.01 0.00
HYLAND___LFGE 323620	15.57 0.29 0.00	17.25 0.31 0.00	15.34 0.41 0.00	17.86 0.35 0.00	18.49 0.41 0.00	22.08 0.70 0.00	22.95 0.71 0.00	29.03 0.58 0.00	20.52 0.17 0.00	20.19 0.15 0.00	19.67 0.10 0.00	18.99 -0.07 0.00	17.88 -0.25 0.00	18.71 -0.28 0.00	20.37 -0.03 0.00	20.85 -0.03 0.00	24.19 -0.02 0.00	26.99 0.01 0.00	31.74 0.17 0.00	33.69 0.94 0.00	33.88 1.55 0.00	26.57 1.16 0.00	22.57 0.91 0.00	20.42 0.80 0.00
INDECK___CORINTH 23802	15.82 0.55 0.00	17.50 0.56 0.00	15.37 0.44 0.00	18.06 0.56 0.00	18.65 0.57 0.00	21.85 0.47 0.00	22.91 0.68 0.00	29.53 1.09 0.00	20.97 0.62 0.00	20.51 0.47 0.00	19.92 0.35 0.00	19.39 0.33 0.00	18.44 0.31 0.00	19.32 0.33 0.00	20.73 0.32 0.00	21.29 0.42 0.00	24.77 0.56 0.00	27.83 0.85 0.00	32.82 1.24 0.00	34.11 1.36 0.00	33.54 1.21 0.00	26.38 0.96 0.00	22.24 0.58 0.00	20.07 0.45 0.00
INDECK___ILION 23567	15.31 0.04 0.00	16.98 0.04 0.00	14.96 0.02 0.00	17.54 0.03 0.00	18.10 0.01 0.00	21.32 -0.05 0.00	22.20 -0.03 0.00	28.52 0.07 0.00	20.33 -0.03 0.00	19.89 -0.14 0.00	19.38 -0.19 0.00	18.88 -0.18 0.00	17.93 -0.20 0.00	18.79 -0.21 0.00	20.15 -0.25 0.00	20.68 -0.20 0.00	24.12 -0.09 0.00	26.93 -0.05 0.00	31.71 0.14 0.00	33.03 0.28 0.00	32.64 0.31 0.00	25.64 0.22 0.00	21.72 0.07 0.00	19.63 0.00 0.00
INDECK___OLEAN 23982	15.76 0.49 0.00	17.52 0.58 0.00	15.55 0.61 0.00	18.14 0.63 0.00	18.70 0.61 0.00	22.22 0.85 0.00	22.96 0.73 0.00	29.41 0.96 0.00	21.19 0.84 0.00	21.11 1.08 0.00	20.59 1.03 0.00	19.98 0.91 0.00	18.75 0.62 0.00	19.70 0.71 0.00	21.33 0.92 0.00	21.83 0.96 0.00	25.29 1.08 0.00	27.93 0.95 0.00	32.56 0.99 0.00	33.79 1.04 0.00	33.43 1.10 0.00	26.13 0.71 0.00	22.38 0.72 0.00	20.40 0.78 0.00
INDECK___OSWEGO 23783	14.98 -0.29 0.00	16.61 -0.34 0.00	14.64 -0.30 0.00	17.14 -0.37 0.00	17.72 -0.37 0.00	20.96 -0.41 0.00	21.79 -0.45 0.00	27.87 -0.58 0.00	19.89 -0.46 0.00	19.57 -0.46 0.00	19.13 -0.44 0.00	18.64 -0.42 0.00	17.73 -0.40 0.00	18.57 -0.42 0.00	19.93 -0.47 0.00	20.37 -0.51 0.00	23.61 -0.61 0.00	26.33 -0.65 0.00	30.89 -0.68 0.00	32.10 -0.64 0.00	31.75 -0.58 0.00	24.96 -0.46 0.00	21.23 -0.42 0.00	19.28 -0.35 0.00
INDECK___YERKES 23781	15.18 -0.09 0.00	16.87 -0.08 0.00	15.07 0.14 0.00	17.39 -0.11 0.00	17.96 -0.13 0.00	21.38 0.01 0.00	21.98 -0.25 0.00	27.90 -0.54 0.00	20.16 -0.20 0.00	20.03 -0.01 0.00	19.52 -0.05 0.00	18.92 -0.14 0.00	17.84 -0.29 0.00	18.67 -0.32 0.00	20.39 -0.01 0.00	20.81 -0.06 0.00	24.01 -0.20 0.00	26.67 -0.31 0.00	31.29 -0.28 0.00	32.45 -0.30 0.00	32.02 -0.30 0.00	25.16 -0.26 0.00	21.61 -0.04 0.00	19.74 0.11 0.00
INDIAN POINT___GT_1 24139	16.09 0.81 0.00	17.79 0.85 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.30 1.06 0.00	30.11 1.66 0.00	21.69 1.33 0.00	21.36 1.33 0.00	20.97 1.40 0.00	20.44 1.38 0.00	19.46 1.33 0.00	20.46 1.47 0.00	21.94 1.54 0.00	22.51 1.64 0.00	26.20 1.99 0.00	29.04 2.06 0.00	33.84 2.27 0.00	34.94 2.20 0.00	34.44 2.10 0.00	26.89 1.47 0.00	22.72 1.06 0.00	20.48 0.86 0.00
INDIAN POINT___GT_2 23659	16.09 0.81 0.00	17.79 0.85 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.30 1.06 0.00	30.11 1.66 0.00	21.69 1.33 0.00	21.36 1.33 0.00	20.97 1.40 0.00	20.44 1.38 0.00	19.46 1.33 0.00	20.46 1.47 0.00	21.94 1.54 0.00	22.51 1.64 0.00	26.20 1.99 0.00	29.04 2.06 0.00	33.84 2.27 0.00	34.94 2.20 0.00	34.44 2.10 0.00	26.89 1.47 0.00	22.72 1.06 0.00	20.48 0.86 0.00
INDIAN POINT___GT_3 24019	16.09 0.81 0.00	17.79 0.85 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.30 1.06 0.00	30.11 1.66 0.00	21.69 1.33 0.00	21.36 1.33 0.00	20.97 1.40 0.00	20.44 1.38 0.00	19.46 1.33 0.00	20.46 1.47 0.00	21.94 1.54 0.00	22.51 1.64 0.00	26.20 1.99 0.00	29.04 2.06 0.00	33.84 2.27 0.00	34.94 2.20 0.00	34.44 2.10 0.00	26.89 1.47 0.00	22.72 1.06 0.00	20.48 0.86 0.00
INDIAN POINT___2 23530	16.10 0.83 0.00	17.81 0.86 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.33 0.96 0.00	23.32 1.08 0.00	30.14 1.69 0.00	21.71 1.36 0.00	21.39 1.35 0.00	21.00 1.43 0.00	20.47 1.41 0.00	19.50 1.37 0.00	20.49 1.50 0.00	21.98 1.58 0.00	22.55 1.68 0.00	26.24 2.03 0.00	29.08 2.10 0.00	33.88 2.30 0.00	34.98 2.24 0.00	34.47 2.14 0.00	26.92 1.50 0.00	22.73 1.08 0.00	20.51 0.88 0.00
INDIAN POINT___3 23531	16.04 0.76 0.00	17.74 0.80 0.00	15.58 0.64 0.00	18.25 0.75 0.00	18.82 0.73 0.00	22.27 0.89 0.00	23.24 1.00 0.00	30.02 1.57 0.00	21.60 1.25 0.00	21.27 1.24 0.00	20.90 1.33 0.00	20.37 1.31 0.00	19.40 1.26 0.00	20.39 1.40 0.00	21.87 1.47 0.00	22.44 1.57 0.00	26.11 1.90 0.00	28.94 1.96 0.00	33.73 2.16 0.00	34.83 2.08 0.00	34.31 1.99 0.00	26.81 1.39 0.00	22.65 0.99 0.00	20.42 0.80 0.00
INGHAM_C_115KV_TB7 356103	15.25 -0.03 0.00	16.91 -0.04 0.00	14.88 -0.06 0.00	17.46 -0.05 0.00	18.00 -0.08 0.00	21.12 -0.26 0.00	22.00 -0.24 0.00	28.33 -0.12 0.00	20.09 -0.26 0.00	19.49 -0.55 0.00	18.92 -0.64 0.00	18.42 -0.64 0.00	17.47 -0.66 0.00	18.28 -0.71 0.00	19.59 -0.81 0.00	20.19 -0.68 0.00	23.74 -0.47 0.00	26.58 -0.40 0.00	31.55 -0.03 0.00	33.04 0.30 0.00	32.74 0.41 0.00	25.68 0.26 0.00	21.66 0.01 0.00	19.50 -0.12 0.00
IP CORINTH___1 23988	15.82 0.55 0.00	17.50 0.56 0.00	15.37 0.44 0.00	18.06 0.56 0.00	18.65 0.56 0.00	21.84 0.47 0.00	22.91 0.68 0.00	29.53 1.09 0.00	20.97 0.62 0.00	20.51 0.47 0.00	19.92 0.35 0.00	19.39 0.33 0.00	18.45 0.32 0.00	19.32 0.33 0.00	20.72 0.32 0.00	21.29 0.42 0.00	24.77 0.56 0.00	27.83 0.85 0.00	32.82 1.24 0.00	34.11 1.36 0.00	33.54 1.21 0.00	26.38 0.96 0.00	22.24 0.58 0.00	20.07 0.44 0.00
IP___TICONDEROGA 23804	16.54 1.27 0.00	18.14 1.20 0.00	15.92 0.98 0.00	18.76 1.25 0.00	19.43 1.34 0.00	22.52 1.15 0.00	23.80 1.57 0.00	30.81 2.37 0.00	21.87 1.51 0.00	21.19 1.16 0.00	20.41 0.84 0.00	19.85 0.79 0.00	18.84 0.71 0.00	19.72 0.73 0.00	21.16 0.75 0.00	21.81 0.93 0.00	25.36 1.15 0.00	28.92 1.94 0.00	34.36 2.78 0.00	35.90 3.15 0.00	35.03 2.70 0.00	27.51 2.09 0.00	22.93 1.28 0.00	20.73 1.11 0.00

ISLIP_RES_REC 323679	16.54 1.27 0.00	18.28 1.33 0.00	15.99 1.05 0.00	18.74 1.24 0.00	19.36 1.27 0.00	23.01 1.64 0.00	26.60 1.70 -2.67	31.13 2.43 -0.25	29.29 1.92 -7.02	23.85 1.98 -1.83	32.91 2.21 -11.14	23.21 2.16 -2.00	23.45 2.10 -3.21	21.24 2.18 -0.06	22.56 2.15 0.00	24.05 2.34 -0.83	27.47 2.79 -0.47	29.22 2.60 0.35	34.29 2.72 0.00	35.47 2.72 0.00	59.65 2.82 -24.50	28.47 2.13 -0.92	26.48 1.64 -3.19	21.45 1.45 -0.38
JAMAICA__27_KV_LOAD 355505	16.21 0.94 0.00	17.92 0.97 0.00	15.72 0.78 0.00	18.41 0.91 0.00	18.98 0.89 0.00	22.47 1.10 0.00	23.50 1.26 0.00	30.47 2.02 0.00	21.96 1.60 0.00	21.67 1.63 0.00	21.23 1.67 0.00	20.72 1.66 0.00	19.72 1.60 0.00	20.73 1.74 0.00	22.23 1.83 0.00	22.81 1.94 0.00	26.51 2.30 0.00	29.40 2.42 0.00	34.21 2.63 0.00	35.33 2.58 0.00	34.79 2.47 0.00	27.12 1.70 0.00	22.96 1.30 0.00	20.71 1.09 0.00
JANIS____SOLAR 323808	15.69 0.42 0.00	17.36 0.41 0.00	15.36 0.42 0.00	18.00 0.49 0.00	18.66 0.57 0.00	22.12 0.75 0.00	23.12 0.89 0.00	29.67 1.22 0.00	20.95 0.59 0.00	20.46 0.42 0.00	19.74 0.17 0.00	19.10 0.04 0.00	18.07 -0.06 0.00	18.93 -0.07 0.00	20.41 0.01 0.00	20.92 0.04 0.00	24.40 0.19 0.00	27.52 0.54 0.00	32.65 1.08 0.00	34.34 1.60 0.00	34.10 1.77 0.00	26.66 1.24 0.00	22.62 0.96 0.00	20.44 0.82 0.00
JARVIS____ 23743	15.32 0.05 0.00	16.99 0.05 0.00	14.97 0.04 0.00	17.54 0.04 0.00	18.11 0.03 0.00	21.40 0.02 0.00	22.26 0.03 0.00	28.55 0.10 0.00	20.41 0.06 0.00	20.08 0.04 0.00	19.61 0.05 0.00	19.11 0.05 0.00	18.17 0.04 0.00	19.05 0.06 0.00	20.44 0.04 0.00	20.93 0.06 0.00	24.30 0.09 0.00	27.07 0.09 0.00	31.70 0.12 0.00	32.88 0.13 0.00	32.46 0.13 0.00	25.52 0.10 0.00	21.69 0.03 0.00	19.64 0.02 0.00
JENNISON____1 23625	15.54 0.27 0.00	17.22 0.27 0.00	15.28 0.34 0.00	17.97 0.46 0.00	18.64 0.55 0.00	22.01 0.64 0.00	23.05 0.82 0.00	29.90 1.45 0.00	21.21 0.85 0.00	20.88 0.85 0.00	20.09 0.53 0.00	19.38 0.32 0.00	18.30 0.17 0.00	19.04 0.04 0.00	20.58 0.18 0.00	21.07 0.20 0.00	24.54 0.33 0.00	27.77 0.79 0.00	32.72 1.15 0.00	34.34 1.60 0.00	34.06 1.73 0.00	26.62 1.20 0.00	22.56 0.91 0.00	20.40 0.78 0.00
JENNISON____2 23626	15.54 0.27 0.00	17.22 0.27 0.00	15.28 0.34 0.00	17.97 0.46 0.00	18.64 0.55 0.00	22.01 0.64 0.00	23.05 0.82 0.00	29.90 1.45 0.00	21.21 0.85 0.00	20.88 0.85 0.00	20.09 0.53 0.00	19.38 0.32 0.00	18.30 0.17 0.00	19.04 0.04 0.00	20.58 0.18 0.00	21.07 0.20 0.00	24.54 0.33 0.00	27.77 0.79 0.00	32.72 1.15 0.00	34.34 1.60 0.00	34.06 1.73 0.00	26.62 1.20 0.00	22.56 0.91 0.00	20.40 0.78 0.00
JERICHO_RISE_WT_PWR 323719	15.03 -0.24 0.00	16.78 -0.16 0.00	14.70 -0.23 0.00	17.70 0.20 0.00	18.45 0.36 0.00	21.83 0.46 0.00	22.67 0.44 0.00	28.48 0.03 0.00	20.33 -0.02 0.00	20.06 0.03 0.00	19.55 -0.02 0.00	19.09 0.03 0.00	18.17 0.04 0.00	19.05 0.06 0.00	20.38 -0.02 0.00	21.02 0.15 0.00	24.45 0.24 0.00	27.50 0.52 0.00	32.30 0.73 0.00	33.46 0.72 0.00	32.99 0.66 0.00	25.95 0.53 0.00	22.17 0.51 0.00	20.11 0.49 0.00
KATONAH__115KV_46KV_TB4 355592	16.14 0.87 0.00	17.85 0.91 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.93 0.84 0.00	22.39 1.02 0.00	23.39 1.16 0.00	30.23 1.78 0.00	21.76 1.41 0.00	21.43 1.39 0.00	21.02 1.45 0.00	20.47 1.41 0.00	19.49 1.36 0.00	20.49 1.50 0.00	21.97 1.57 0.00	22.54 1.67 0.00	26.25 2.04 0.00	29.12 2.14 0.00	33.97 2.39 0.00	35.09 2.34 0.00	34.56 2.23 0.00	27.00 1.58 0.00	22.80 1.14 0.00	20.55 0.92 0.00
KCE_NY_1 323755	15.91 0.64 0.00	17.66 0.71 0.00	15.52 0.59 0.00	18.18 0.68 0.00	18.77 0.68 0.00	22.05 0.68 0.00	23.04 0.80 0.00	29.63 1.18 0.00	21.08 0.72 0.00	20.64 0.60 0.00	20.10 0.53 0.00	19.57 0.51 0.00	18.61 0.48 0.00	19.50 0.51 0.00	20.90 0.50 0.00	21.46 0.59 0.00	24.96 0.75 0.00	27.92 0.94 0.00	32.85 1.28 0.00	34.11 1.36 0.00	33.57 1.24 0.00	26.43 1.01 0.00	22.36 0.70 0.00	20.19 0.57 0.00
KCE_NY_6_ESR 323823	15.30 0.03 0.00	17.02 0.08 0.00	15.18 0.24 0.00	17.56 0.05 0.00	18.14 0.05 0.00	21.57 0.20 0.00	22.21 -0.03 0.00	28.28 -0.17 0.00	20.43 0.07 0.00	20.30 0.26 0.00	19.76 0.19 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.93 -0.06 0.00	20.67 0.27 0.00	21.09 0.22 0.00	24.37 0.16 0.00	27.06 0.08 0.00	31.69 0.11 0.00	32.91 0.16 0.00	32.50 0.17 0.00	25.50 0.08 0.00	21.87 0.21 0.00	19.90 0.28 0.00
KEDC_PORT_JEFF_GT2 24210	16.44 1.16 0.00	18.17 1.22 0.00	15.89 0.95 0.00	18.64 1.13 0.00	19.24 1.15 0.00	22.86 1.49 0.00	27.00 1.51 -3.24	30.92 2.17 -0.30	30.62 1.72 -8.55	24.04 1.78 -2.23	33.15 2.03 -11.56	23.09 2.00 -2.04	23.33 1.95 -3.26	21.07 2.02 -0.06	22.39 1.99 0.00	23.83 2.19 -0.77	27.25 2.61 -0.43	28.88 2.29 0.38	33.90 2.33 0.00	35.06 2.32 0.00	64.55 2.40 -29.82	28.36 1.82 -1.12	26.97 1.44 -3.88	21.38 1.30 -0.46
KEDC_PORT_JEFF_GT3 24211	16.44 1.16 0.00	18.17 1.22 0.00	15.89 0.95 0.00	18.64 1.13 0.00	19.24 1.15 0.00	22.86 1.49 0.00	27.00 1.51 -3.24	30.92 2.17 -0.30	30.62 1.72 -8.55	24.04 1.78 -2.23	33.15 2.03 -11.56	23.09 2.00 -2.04	23.33 1.95 -3.26	21.07 2.02 -0.06	22.39 1.99 0.00	23.83 2.19 -0.77	27.25 2.61 -0.43	28.88 2.29 0.38	33.90 2.33 0.00	35.06 2.32 0.00	64.55 2.40 -29.82	28.36 1.82 -1.12	26.97 1.44 -3.88	21.38 1.30 -0.46
KEDC_GLWD_GT4 24219	16.22 0.94 0.00	17.93 0.98 0.00	15.72 0.78 0.00	18.42 0.91 0.00	19.00 0.91 0.00	22.51 1.14 0.00	23.48 1.25 0.00	30.34 1.89 0.00	21.88 1.52 0.00	21.58 1.54 0.00	30.87 1.69 -9.62	24.05 1.66 -3.33	23.92 1.60 -4.19	20.95 1.72 -0.24	22.17 1.77 0.00	26.01 1.94 -3.20	28.40 2.36 -1.84	30.19 2.37 -0.84	34.10 2.51 -0.01	35.19 2.44 -0.01	34.71 2.38 0.00	27.13 1.71 0.00	22.91 1.26 0.00	20.67 1.05 0.00
KEDC_GLWD_GT5 24220	16.22 0.94 0.00	17.93 0.98 0.00	15.72 0.78 0.00	18.42 0.91 0.00	19.00 0.91 0.00	22.51 1.14 0.00	23.48 1.25 0.00	30.34 1.89 0.00	21.88 1.52 0.00	21.58 1.54 0.00	30.87 1.69 -9.62	24.05 1.66 -3.33	23.92 1.60 -4.19	20.95 1.72 -0.24	22.17 1.77 0.00	26.01 1.94 -3.20	28.40 2.36 -1.84	30.19 2.37 -0.84	34.10 2.51 -0.01	35.19 2.44 -0.01	34.71 2.38 0.00	27.13 1.71 0.00	22.91 1.26 0.00	20.67 1.05 0.00
KENSICO____ 23655	16.10 0.83 0.00	17.81 0.86 0.00	15.64 0.70 0.00	18.32 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.32 1.09 0.00	30.14 1.69 0.00	21.71 1.36 0.00	21.39 1.35 0.00	21.00 1.43 0.00	20.46 1.40 0.00	19.49 1.36 0.00	20.49 1.50 0.00	21.97 1.57 0.00	22.54 1.67 0.00	26.23 2.02 0.00	29.07 2.09 0.00	33.88 2.30 0.00	34.98 2.23 0.00	34.47 2.14 0.00	26.92 1.50 0.00	22.74 1.08 0.00	20.50 0.88 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	16.39 1.12 0.00	18.13 1.19 0.00	15.92 0.99 0.00	18.65 1.15 0.00	19.24 1.15 0.00	22.85 1.48 0.00	23.89 1.65 0.00	30.80 2.35 0.00	22.18 1.83 0.00	21.73 1.69 0.00	21.16 1.60 0.00	20.59 1.53 0.00	19.59 1.46 0.00	20.61 1.62 0.00	22.10 1.70 0.00	22.67 1.79 0.00	26.54 2.33 0.00	29.63 2.65 0.00	34.66 3.09 0.00	35.90 3.15 0.00	35.40 3.08 0.00	27.62 2.20 0.00	23.28 1.63 0.00	20.95 1.33 0.00
KIAC_JFK_GT1 23816	16.11 0.83 0.00	17.81 0.86 0.00	15.62 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.34 1.10 0.00	30.26 1.81 0.00	21.81 1.46 0.00	21.51 1.47 0.00	21.08 1.51 0.00	20.57 1.51 0.00	19.59 1.46 0.00	20.59 1.60 0.00	22.08 1.68 0.00	22.63 1.76 0.00	26.23 2.03 0.00	29.09 2.11 0.00	33.83 2.25 0.00	34.93 2.19 0.00	34.40 2.07 0.00	26.81 1.39 0.00	22.79 1.14 0.00	20.58 0.95 0.00
KIAC_JFK_GT2 23817	16.11 0.83 0.00	17.81 0.86 0.00	15.62 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.34 1.10 0.00	30.26 1.81 0.00	21.81 1.46 0.00	21.51 1.47 0.00	21.08 1.51 0.00	20.57 1.51 0.00	19.59 1.46 0.00	20.59 1.60 0.00	22.08 1.68 0.00	22.63 1.76 0.00	26.23 2.03 0.00	29.09 2.11 0.00	33.83 2.25 0.00	34.93 2.19 0.00	34.40 2.07 0.00	26.81 1.39 0.00	22.79 1.14 0.00	20.58 0.95 0.00
KIAC_JFK____ 323774	16.11 0.83 0.00	17.81 0.86 0.00	15.62 0.68 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.34 1.10 0.00	30.26 1.81 0.00	21.81 1.45 0.00	21.51 1.47 0.00	21.08 1.51 0.00	20.57 1.51 0.00	19.61 1.47 0.00	20.59 1.59 0.00	22.08 1.68 0.00	22.63 1.76 0.00	26.24 2.03 0.00	29.09 2.11 0.00	33.83 2.25 0.00	34.94 2.19 0.00	34.40 2.07 0.00	26.81 1.39 0.00	22.79 1.13 0.00	20.58 0.95 0.00
KINTIGH____ 23543	14.97 -0.30 0.00	16.64 -0.31 0.00	14.83 -0.10 0.00	17.15 -0.36 0.00	17.71 -0.38 0.00	21.04 -0.34 0.00	21.66 -0.58 0.00	27.56 -0.89 0.00	19.87 -0.48 0.00	19.73 -0.30 0.00	19.21 -0.36 0.00	18.63 -0.43 0.00	17.60 -0.53 0.00	18.41 -0.58 0.00	20.06 -0.34 0.00	20.47 -0.41 0.00	23.61 -0.60 0.00	26.26 -0.72 0.00	30.77 -0.80 0.00	31.94 -0.80 0.00	31.53 -0.79 0.00	24.79 -0.62 0.00	21.26 -0.39 0.00	19.41 -0.21 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.24 -0.03 0.00	17.00 0.06 0.00	14.84 -0.10 0.00	18.09 0.58 0.00	18.89 0.80 0.00	22.31 0.93 0.00	23.29 1.06 0.00	29.11 0.66 0.00	20.73 0.37 0.00	20.43 0.40 0.00	19.85 0.28 0.00	19.43 0.37 0.00	18.44 0.31 0.00	19.35 0.36 0.00	20.69 0.29 0.00	21.45 0.58 0.00	25.00 0.78 0.00	28.16 1.18 0.00	33.21 1.64 0.00	34.42 1.67 0.00	33.90 1.57 0.00	26.66 1.24 0.00	22.68 1.02 0.00	20.59 0.97 0.00
LACHUTE____HYDRO 323717	16.54 1.27 0.00	18.14 1.20 0.00	15.92 0.98 0.00	18.76 1.25 0.00	19.43 1.34 0.00	22.52 1.15 0.00	23.80 1.57 0.00	30.82 2.37 0.00	21.87 1.51 0.00	21.19 1.16 0.00	20.41 0.84 0.00	19.85 0.79 0.00	18.84 0.70 0.00	19.72 0.73 0.00	21.16 0.75 0.00	21.81 0.93 0.00	25.36 1.15 0.00	28.92 1.94 0.00	34.35 2.78 0.00	35.90 3.15 0.00	35.03 2.70 0.00	27.51 2.09 0.00	22.93 1.28 0.00	20.73 1.11 0.00
LAWRNCALV_115KV_TB1 80681	14.74 -0.54 0.00	16.34 -0.60 0.00	14.39 -0.55 0.00	16.98 -0.53 0.00	17.78 -0.31 0.00	21.24 -0.13 0.00	22.26 0.03 0.00	28.21 -0.24 0.00	20.00 -0.35 0.00	19.75 -0.29 0.00	19.28 -0.28 0.00	18.85 -0.21 0.00	17.96 -0.17 0.00	18.77 -0.22 0.00	20.19 -0.21 0.00	20.69 -0.19 0.00	23.94 -0.28 0.00	26.82 -0.16 0.00	31.42 -0.16 0.00	32.65 -0.10 0.00	32.32 0.00 0.00	25.47 0.06 0.00	21.79 0.13 0.00	19.58 -0.04 0.00
LEDERLE____ 23769	16.08 0.80 0.00	17.78 0.83 0.00	15.61 0.68 0.00	18.30 0.79 0.00	18.86 0.78 0.00	22.34 0.97 0.00	23.32 1.09 0.00	30.13 1.68 0.00	21.68 1.33 0.00	21.34 1.30 0.00	20.98 1.42 0.00	20.47 1.41 0.00	19.50 1.36 0.00	20.50 1.51 0.00	22.00 1.60 0.00	22.58 1.71 0.00	26.29 2.08 0.00	29.13 2.15 0.00	33.95 2.37 0.00	35.02 2.28 0.00	34.51 2.18 0.00	26.95 1.53 0.00	22.75 1.10 0.00	20.49 0.87 0.00
LIGHTHSE_115KV_TB6 355974	14.96 -0.31 0.00	16.54 -0.40 0.00	14.57 -0.37 0.00	17.06 -0.45 0.00	17.71 -0.38 0.00	21.11 -0.26 0.00	21.99 -0.25 0.00	28.00 -0.45 0.00	19.77 -0.59 0.00	19.41 -0.63 0.00	19.07 -0.50 0.00	18.64 -0.42 0.00	17.78 -0.35 0.00	18.61 -0.38 0.00	19.95 -0.45 0.00	20.41 -0.47 0.00	23.62 -0.59 0.00	26.43 -0.55 0.00	31.13 -0.44 0.00	32.51 -0.23 0.00	32.33 0.00 0.00	25.47 0.05 0.00	21.63 -0.02 0.00	19.60 -0.02 0.00
LINDEN COGEN____ 23786	16.06 0.79 0.00	17.76 0.81 0.00	15.58 0.64 0.00	18.26 0.75 0.00	18.82 0.73 0.00	22.27 0.89 0.00	23.27 1.04 0.00	30.11 1.66 0.00	21.71 1.36 0.00	21.41 1.37 0.00	21.04 1.47 0.00	20.53 1.47 0.00	19.58 1.45 0.00	20.59 1.60 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.18 0.00	29.24 2.26 0.00	33.99 2.42 0.00	35.06 2.32 0.00	34.53 2.21 0.00	26.92 1.50 0.00	22.72 1.07 0.00	20.48 0.86 0.00
LINDHRST_69_KV_BK1 356055	16.40 1.13 0.00	18.14 1.19 0.00	15.86 0.93 0.00	18.60 1.09 0.00	19.20 1.11 0.00	22.80 1.43 0.00	23.93 1.49 -0.21	30.67 2.20 -0.02	22.65 1.75 -0.55	21.98 1.80 -0.14	31.15 1.99 -9.59	23.43 1.95 -2.42	23.60 1.88 -3.60	21.10 1.97 -0.13	22.36 1.96 0.00	24.82 2.16 -1.79	27.84 2.61 -1.02	29.60 2.49 -0.13	34.17 2.59 0.00	35.32 2.57 0.00	36.88 2.64 -1.91	27.46 1.97 -0.07	23.40 1.49 -0.25	20.94 1.29 -0.03
LIPA_MISC_IPP 23656	16.57 1.30 0.00	18.32 1.38 0.00	16.03 1.09 0.00	18.79 1.29 0.00	19.41 1.32 0.00	23.07 1.70 0.00	26.80 1.76 -2.80	31.21 2.50 -0.26	29.70 1.95 -7.39	23.97 2.01 -1.93	33.00 2.22 -11.22	23.17 2.16 -1.95	23.39 2.09 -3.17	21.23 2.18 -0.06	22.55 2.14 0.00	23.94 2.32 -0.74	27.43 2.79 -0.42	29.21 2.63 0.39	34.34 2.77 0.00	35.48 2.73 0.00	60.92 2.80 -25.80	28.51 2.13 -0.97	26.64 1.63 -3.36	21.47 1.45 -0.40
LISF____SOLAR 323691	16.60 1.33 0.00	18.36 1.41 0.00	16.05 1.12 0.00	18.83 1.32 0.00	19.44 1.36 0.00	23.11 1.74 0.00	26.87 1.80 -2.83	31.28 2.57 -0.26	29.82 2.05 -7.46	24.03 2.26 -1.94	33.07 2.26 -11.24	23.22 2.20 -1.96	23.45 2.14 -3.18	21.26 2.21 -0.06	22.58 2.18 0.00	23.98 2.35 -0.75	27.47 2.83 -0.42	29.26 2.67 0.39	34.41 2.84 0.00	35.56 2.82 0.00	61.27 2.88 -26.05	28.59 2.19 -0.98	26.72 1.68 -3.39	21.52 1.49 -0.40
LITTLE FALLS____HYD 24013	15.25 -0.03 0.00	16.91 -0.04 0.00	14.88 -0.06 0.00	17.46 -0.05 0.00	18.00 -0.08 0.00	21.12 -0.26 0.00	22.00 -0.24 0.00	28.33 -0.12 0.00	20.09 -0.26 0.00	19.49 -0.55 0.00	18.92 -0.64 0.00	18.42 -0.64 0.00	17.47 -0.66 0.00	18.28 -0.71 0.00	19.59 -0.81 0.00	20.19 -0.68 0.00	23.74 -0.47 0.00	26.58 -0.40 0.00	31.55 -0.03 0.00	33.04 0.30 0.00	32.74 0.41 0.00	25.68 0.26 0.00	21.66 0.01 0.00	19.50 -0.12 0.00

LITTLRIV_115KV_TB1 356100	14.90 -0.37 0.00	16.52 -0.42 0.00	14.55 -0.39 0.00	17.17 -0.34 0.00	17.98 -0.11 0.00	21.48 0.11 0.00	22.54 0.30 0.00	28.48 0.03 0.00	20.12 -0.23 0.00	19.90 -0.14 0.00	19.43 -0.14 0.00	19.02 -0.04 0.00	18.09 -0.04 0.00	18.91 -0.08 0.00	20.34 -0.06 0.00	20.85 -0.02 0.00	24.13 -0.08 0.00	27.05 0.07 0.00	31.72 0.14 0.00	33.02 0.27 0.00	32.74 0.41 0.00	25.78 0.36 0.00	22.05 0.39 0.00	19.81 0.18 0.00
LI_NEWBRDGE___DRP 323616	16.15 0.87 0.00	17.85 0.91 0.00	15.63 0.70 0.00	18.33 0.82 0.00	18.91 0.82 0.00	22.43 1.05 0.00	23.36 1.12 0.00	30.15 1.70 0.00	21.75 1.40 0.00	21.46 1.42 0.00	30.16 1.61 -8.98	21.70 1.59 -1.05	22.01 1.54 -2.34	20.64 1.63 -0.01	22.04 1.64 0.00	22.88 1.83 -0.18	26.54 2.23 -0.10	28.43 2.12 0.68	33.71 2.14 0.01	34.80 2.06 0.01	34.41 2.08 0.00	26.92 1.51 0.00	22.77 1.12 0.00	20.56 0.94 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.07 -0.20 0.00	16.74 -0.20 0.00	14.97 0.03 0.00	17.25 -0.26 0.00	17.81 -0.28 0.00	21.21 -0.16 0.00	21.79 -0.45 0.00	27.67 -0.77 0.00	20.01 -0.35 0.00	19.86 -0.17 0.00	19.32 -0.25 0.00	18.68 -0.38 0.00	17.60 -0.53 0.00	18.41 -0.59 0.00	20.10 -0.30 0.00	20.51 -0.36 0.00	23.63 -0.58 0.00	26.28 -0.70 0.00	30.86 -0.71 0.00	32.04 -0.71 0.00	31.63 -0.69 0.00	24.93 -0.49 0.00	21.45 -0.20 0.00	19.60 -0.02 0.00
LOCKPORT___CC1 323769	15.06 -0.22 0.00	16.73 -0.21 0.00	14.95 0.02 0.00	17.24 -0.26 0.00	17.80 -0.28 0.00	21.19 -0.18 0.00	21.78 -0.46 0.00	27.67 -0.78 0.00	20.00 -0.35 0.00	19.85 -0.19 0.00	19.31 -0.25 0.00	18.68 -0.38 0.00	17.61 -0.52 0.00	18.42 -0.57 0.00	20.11 -0.29 0.00	20.53 -0.34 0.00	23.65 -0.56 0.00	26.30 -0.68 0.00	30.87 -0.70 0.00	32.02 -0.73 0.00	31.64 -0.69 0.00	24.92 -0.50 0.00	21.45 -0.21 0.00	19.56 -0.06 0.00
LOCKPORT___CC2 323770	15.06 -0.22 0.00	16.73 -0.21 0.00	14.95 0.02 0.00	17.24 -0.26 0.00	17.80 -0.28 0.00	21.19 -0.18 0.00	21.78 -0.46 0.00	27.67 -0.78 0.00	20.00 -0.35 0.00	19.85 -0.19 0.00	19.31 -0.25 0.00	18.68 -0.38 0.00	17.61 -0.52 0.00	18.42 -0.57 0.00	20.11 -0.29 0.00	20.53 -0.34 0.00	23.65 -0.56 0.00	26.30 -0.68 0.00	30.87 -0.70 0.00	32.02 -0.73 0.00	31.64 -0.69 0.00	24.92 -0.50 0.00	21.45 -0.21 0.00	19.56 -0.06 0.00
LOCKPORT___CC3 323771	15.06 -0.22 0.00	16.73 -0.21 0.00	14.95 0.02 0.00	17.24 -0.26 0.00	17.80 -0.28 0.00	21.19 -0.18 0.00	21.78 -0.46 0.00	27.67 -0.78 0.00	20.00 -0.35 0.00	19.85 -0.19 0.00	19.31 -0.25 0.00	18.68 -0.38 0.00	17.61 -0.52 0.00	18.42 -0.57 0.00	20.11 -0.29 0.00	20.53 -0.34 0.00	23.65 -0.56 0.00	26.30 -0.68 0.00	30.87 -0.70 0.00	32.02 -0.73 0.00	31.64 -0.69 0.00	24.92 -0.50 0.00	21.45 -0.21 0.00	19.56 -0.06 0.00
LONG_LAKE_PHOENIX 24014	15.06 -0.21 0.00	16.70 -0.24 0.00	14.73 -0.21 0.00	17.24 -0.27 0.00	17.81 -0.28 0.00	21.06 -0.32 0.00	21.89 -0.35 0.00	28.01 -0.44 0.00	20.02 -0.33 0.00	19.70 -0.34 0.00	19.22 -0.34 0.00	18.71 -0.35 0.00	17.79 -0.34 0.00	18.64 -0.35 0.00	20.01 -0.39 0.00	20.45 -0.42 0.00	23.71 -0.50 0.00	26.44 -0.54 0.00	31.03 -0.55 0.00	32.25 -0.50 0.00	31.88 -0.45 0.00	25.04 -0.38 0.00	21.29 -0.36 0.00	19.35 -0.28 0.00
LOVETT___3 23632	16.01 0.74 0.00	17.71 0.76 0.00	15.55 0.61 0.00	18.22 0.72 0.00	18.79 0.70 0.00	22.25 0.87 0.00	23.21 0.97 0.00	29.98 1.53 0.00	21.57 1.22 0.00	21.23 1.20 0.00	20.88 1.31 0.00	20.36 1.30 0.00	19.39 1.26 0.00	20.38 1.39 0.00	21.87 1.47 0.00	22.44 1.57 0.00	26.12 1.91 0.00	28.94 1.96 0.00	33.72 2.15 0.00	34.80 2.06 0.00	34.29 1.96 0.00	26.79 1.37 0.00	22.63 0.97 0.00	20.39 0.77 0.00
LOVETT___4 23642	16.01 0.74 0.00	17.71 0.76 0.00	15.55 0.61 0.00	18.22 0.72 0.00	18.79 0.70 0.00	22.25 0.87 0.00	23.21 0.97 0.00	29.98 1.53 0.00	21.57 1.22 0.00	21.23 1.20 0.00	20.88 1.31 0.00	20.36 1.30 0.00	19.39 1.26 0.00	20.38 1.39 0.00	21.87 1.47 0.00	22.44 1.57 0.00	26.12 1.91 0.00	28.94 1.96 0.00	33.72 2.15 0.00	34.80 2.06 0.00	34.29 1.96 0.00	26.79 1.37 0.00	22.63 0.97 0.00	20.39 0.77 0.00
LOVETT___5 23593	16.01 0.74 0.00	17.71 0.76 0.00	15.55 0.61 0.00	18.22 0.72 0.00	18.79 0.70 0.00	22.25 0.87 0.00	23.21 0.97 0.00	29.98 1.53 0.00	21.57 1.22 0.00	21.23 1.20 0.00	20.88 1.31 0.00	20.36 1.30 0.00	19.39 1.26 0.00	20.38 1.39 0.00	21.87 1.47 0.00	22.44 1.57 0.00	26.12 1.91 0.00	28.94 1.96 0.00	33.72 2.15 0.00	34.80 2.06 0.00	34.29 1.96 0.00	26.79 1.37 0.00	22.63 0.97 0.00	20.39 0.77 0.00
LOWER RAQUET___HYD 24057	14.63 -0.64 0.00	16.22 -0.72 0.00	14.28 -0.66 0.00	16.86 -0.64 0.00	17.70 -0.38 0.00	21.18 -0.19 0.00	22.24 0.00 0.00	28.16 -0.29 0.00	19.93 -0.42 0.00	19.69 -0.35 0.00	19.23 -0.34 0.00	18.80 -0.26 0.00	17.92 -0.21 0.00	18.73 -0.26 0.00	20.14 -0.26 0.00	20.64 -0.24 0.00	23.88 -0.33 0.00	26.77 -0.20 0.00	31.39 -0.18 0.00	32.63 -0.12 0.00	32.32 0.00 0.00	25.47 0.05 0.00	21.78 0.13 0.00	19.54 -0.08 0.00
LOWER___HUDSON 24059	15.79 0.52 0.00	17.52 0.58 0.00	15.44 0.50 0.00	18.07 0.57 0.00	18.65 0.56 0.00	21.85 0.47 0.00	22.76 0.52 0.00	29.31 0.86 0.00	20.92 0.56 0.00	20.49 0.45 0.00	19.96 0.39 0.00	19.41 0.35 0.00	18.46 0.33 0.00	19.33 0.34 0.00	20.72 0.32 0.00	21.25 0.37 0.00	24.68 0.47 0.00	27.48 0.50 0.00	32.33 0.75 0.00	33.50 0.75 0.00	32.99 0.67 0.00	26.05 0.63 0.00	22.07 0.42 0.00	19.98 0.36 0.00
LOWVILLE_115KV_TB2 356335	14.88 -0.39 0.00	16.33 -0.62 0.00	14.32 -0.62 0.00	16.82 -0.68 0.00	17.69 -0.39 0.00	21.46 0.09 0.00	22.51 0.27 0.00	28.52 0.07 0.00	19.81 -0.54 0.00	19.43 -0.61 0.00	19.10 -0.46 0.00	18.77 -0.29 0.00	18.01 -0.12 0.00	18.89 -0.11 0.00	20.29 -0.11 0.00	20.75 -0.12 0.00	24.08 -0.13 0.00	27.02 0.04 0.00	32.02 0.45 0.00	33.61 0.87 0.00	33.48 1.15 0.00	26.36 0.94 0.00	22.37 0.72 0.00	20.18 0.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	15.91 0.63 0.00	17.65 0.70 0.00	15.52 0.59 0.00	18.19 0.68 0.00	18.78 0.69 0.00	22.05 0.68 0.00	23.03 0.79 0.00	29.62 1.17 0.00	21.08 0.73 0.00	20.64 0.61 0.00	20.10 0.53 0.00	19.57 0.51 0.00	18.62 0.49 0.00	19.50 0.51 0.00	20.91 0.51 0.00	21.45 0.58 0.00	24.95 0.74 0.00	27.90 0.92 0.00	32.84 1.26 0.00	34.08 1.33 0.00	33.56 1.23 0.00	26.42 1.00 0.00	22.35 0.69 0.00	20.19 0.57 0.00
LUTHERNY_35_KV_BK2 355980	15.91 0.64 0.00	17.66 0.71 0.00	15.52 0.59 0.00	18.18 0.68 0.00	18.77 0.68 0.00	22.05 0.68 0.00	23.04 0.80 0.00	29.63 1.18 0.00	21.08 0.72 0.00	20.64 0.60 0.00	20.10 0.53 0.00	19.57 0.51 0.00	18.62 0.49 0.00	19.50 0.51 0.00	20.90 0.50 0.00	21.46 0.59 0.00	24.96 0.75 0.00	27.93 0.95 0.00	32.85 1.28 0.00	34.11 1.36 0.00	33.57 1.24 0.00	26.43 1.01 0.00	22.36 0.70 0.00	20.19 0.57 0.00

LWR___OSWEGATCHIE_HYD 23850	14.70 -0.58 0.00	16.21 -0.73 0.00	14.24 -0.70 0.00	16.78 -0.73 0.00	17.63 -0.46 0.00	21.24 -0.13 0.00	22.29 0.06 0.00	28.22 -0.23 0.00	19.76 -0.59 0.00	19.44 -0.59 0.00	19.08 -0.49 0.00	18.70 -0.36 0.00	17.89 -0.24 0.00	18.71 -0.29 0.00	20.10 -0.30 0.00	20.58 -0.29 0.00	23.84 -0.37 0.00	26.76 -0.22 0.00	31.55 -0.02 0.00	32.97 0.23 0.00	32.79 0.46 0.00	25.83 0.41 0.00	22.00 0.34 0.00	19.79 0.17 0.00
LYONS_FALL_HYD 23570	15.14 -0.13 0.00	16.68 -0.27 0.00	14.65 -0.29 0.00	17.20 -0.31 0.00	17.97 -0.12 0.00	21.58 0.20 0.00	22.59 0.35 0.00	28.72 0.27 0.00	20.15 -0.20 0.00	19.79 -0.25 0.00	19.41 -0.16 0.00	19.00 -0.07 0.00	18.16 0.03 0.00	19.04 0.05 0.00	20.45 0.05 0.00	20.92 0.05 0.00	24.29 0.08 0.00	27.21 0.23 0.00	32.14 0.56 0.00	33.62 0.87 0.00	33.40 1.07 0.00	26.27 0.85 0.00	22.30 0.64 0.00	20.14 0.51 0.00
MADISON___COUNTY_LFGE 323628	15.56 0.29 0.00	17.22 0.27 0.00	15.17 0.24 0.00	17.78 0.27 0.00	18.41 0.32 0.00	21.84 0.47 0.00	22.80 0.56 0.00	29.12 0.67 0.00	20.66 0.31 0.00	20.30 0.27 0.00	19.81 0.24 0.00	19.29 0.23 0.00	18.33 0.20 0.00	19.22 0.23 0.00	20.66 0.26 0.00	21.14 0.27 0.00	24.58 0.37 0.00	27.48 0.50 0.00	32.34 0.77 0.00	33.75 1.00 0.00	33.46 1.13 0.00	26.28 0.86 0.00	22.30 0.65 0.00	20.18 0.55 0.00
MALONE___115KV_TB1 356076	15.06 -0.21 0.00	16.78 -0.16 0.00	14.71 -0.22 0.00	17.64 0.13 0.00	18.42 0.33 0.00	21.87 0.49 0.00	22.79 0.55 0.00	28.70 0.25 0.00	20.44 0.09 0.00	20.17 0.13 0.00	19.67 0.10 0.00	19.21 0.15 0.00	18.30 0.16 0.00	19.16 0.17 0.00	20.53 0.12 0.00	21.12 0.25 0.00	24.55 0.34 0.00	27.60 0.62 0.00	32.43 0.86 0.00	33.62 0.87 0.00	33.20 0.87 0.00	26.12 0.70 0.00	22.30 0.64 0.00	20.16 0.54 0.00
MAPLEWOD_115KV_TB3 80458	15.72 0.45 0.00	17.42 0.47 0.00	15.35 0.41 0.00	17.95 0.44 0.00	18.51 0.42 0.00	21.72 0.35 0.00	22.63 0.39 0.00	29.13 0.68 0.00	20.90 0.54 0.00	20.52 0.49 0.00	20.02 0.45 0.00	19.46 0.40 0.00	18.51 0.38 0.00	19.36 0.37 0.00	20.77 0.36 0.00	21.27 0.40 0.00	24.72 0.51 0.00	27.53 0.55 0.00	32.30 0.73 0.00	33.46 0.72 0.00	32.97 0.65 0.00	25.96 0.54 0.00	22.02 0.37 0.00	19.91 0.29 0.00
MAPLE_RIDGE_WT_1 323574	14.81 -0.46 0.00	16.43 -0.52 0.00	14.53 -0.41 0.00	17.04 -0.46 0.00	17.75 -0.34 0.00	21.22 -0.15 0.00	22.10 -0.13 0.00	28.19 -0.26 0.00	20.01 -0.35 0.00	19.73 -0.31 0.00	19.30 -0.26 0.00	18.85 -0.21 0.00	18.00 -0.13 0.00	18.88 -0.11 0.00	20.33 -0.07 0.00	20.80 -0.07 0.00	24.13 -0.08 0.00	26.94 -0.04 0.00	31.52 -0.05 0.00	32.71 -0.03 0.00	32.31 -0.02 0.00	25.42 0.00 0.00	21.69 0.04 0.00	19.64 0.02 0.00
MAPLE_RIDGE_WT_2 323611	14.81 -0.46 0.00	16.43 -0.52 0.00	14.53 -0.41 0.00	17.04 -0.46 0.00	17.75 -0.34 0.00	21.22 -0.15 0.00	22.10 -0.13 0.00	28.19 -0.26 0.00	20.01 -0.35 0.00	19.73 -0.31 0.00	19.30 -0.26 0.00	18.85 -0.21 0.00	18.00 -0.13 0.00	18.88 -0.11 0.00	20.33 -0.07 0.00	20.80 -0.07 0.00	24.13 -0.08 0.00	26.94 -0.04 0.00	31.52 -0.05 0.00	32.71 -0.03 0.00	32.31 -0.02 0.00	25.42 0.00 0.00	21.69 0.04 0.00	19.64 0.02 0.00
MARBLE_RIVER_WT_PWR 323696	15.07 -0.21 0.00	16.82 -0.12 0.00	14.64 -0.30 0.00	18.02 0.51 0.00	18.85 0.76 0.00	22.26 0.89 0.00	23.23 0.99 0.00	28.82 0.37 0.00	20.50 0.15 0.00	20.23 0.19 0.00	19.60 0.03 0.00	19.26 0.20 0.00	18.24 0.11 0.00	19.17 0.18 0.00	20.47 0.07 0.00	21.30 0.43 0.00	24.88 0.67 0.00	28.10 1.12 0.00	33.15 1.58 0.00	34.37 1.62 0.00	33.79 1.46 0.00	26.57 1.15 0.00	22.60 0.94 0.00	20.55 0.93 0.00
MARSHVLE_115KV_TB1 80742	16.19 0.91 0.00	17.91 0.97 0.00	15.79 0.86 0.00	18.52 1.02 0.00	19.16 1.07 0.00	22.91 1.54 0.00	23.72 1.49 0.00	30.57 2.13 0.00	21.58 1.22 0.00	21.08 1.05 0.00	20.32 0.75 0.00	19.88 0.82 0.00	18.85 0.72 0.00	19.71 0.72 0.00	21.23 0.83 0.00	21.83 0.96 0.00	25.39 1.18 0.00	28.47 1.49 0.00	33.52 1.94 0.00	35.24 2.49 0.00	34.93 2.60 0.00	27.38 1.96 0.00	23.28 1.63 0.00	21.13 1.51 0.00
MARSH_HILL_WT_PWR 323713	14.75 -0.52 0.00	16.38 -0.57 0.00	14.58 -0.36 0.00	17.09 -0.42 0.00	17.85 -0.24 0.00	21.27 -0.10 0.00	22.27 0.04 0.00	28.63 0.18 0.00	20.65 0.29 0.00	20.36 0.32 0.00	19.79 0.22 0.00	19.05 -0.01 0.00	17.68 -0.45 0.00	18.56 -0.43 0.00	20.33 -0.07 0.00	20.90 0.03 0.00	24.36 0.15 0.00	27.15 0.17 0.00	31.97 0.40 0.00	33.46 0.71 0.00	33.02 0.69 0.00	25.80 0.39 0.00	22.03 0.38 0.00	19.93 0.31 0.00
MCINTYRE_115KV_TB2 80467	15.13 -0.14 0.00	16.77 -0.17 0.00	14.78 -0.16 0.00	17.41 -0.09 0.00	18.18 0.09 0.00	21.69 0.32 0.00	22.72 0.48 0.00	28.65 0.19 0.00	20.22 -0.13 0.00	20.04 0.00 0.00	19.53 -0.03 0.00	19.14 0.08 0.00	18.18 0.05 0.00	19.01 0.02 0.00	20.46 0.06 0.00	20.96 0.09 0.00	24.24 0.03 0.00	27.16 0.19 0.00	31.85 0.27 0.00	33.18 0.44 0.00	32.92 0.60 0.00	25.93 0.51 0.00	22.18 0.53 0.00	19.96 0.34 0.00
MECO____69_KV_BK1 80468	16.98 1.71 0.00	18.73 1.79 0.00	16.49 1.56 0.00	19.37 1.87 0.00	20.08 2.00 0.00	24.12 2.75 0.00	25.11 2.87 0.00	31.78 3.33 0.00	21.64 1.29 0.00	20.71 0.68 0.00	19.59 0.02 0.00	19.21 0.15 0.00	18.13 0.00 0.00	18.97 -0.02 0.00	20.49 0.09 0.00	21.01 0.14 0.00	24.62 0.41 0.00	28.49 1.51 0.00	34.64 3.06 0.00	37.39 4.64 0.00	37.21 4.88 0.00	29.10 3.68 0.00	24.59 2.93 0.00	22.27 2.65 0.00
MENANDS__115KV_TB5 355628	15.68 0.41 0.00	17.38 0.43 0.00	15.32 0.38 0.00	17.91 0.40 0.00	18.47 0.38 0.00	21.66 0.28 0.00	22.55 0.32 0.00	29.03 0.58 0.00	20.80 0.44 0.00	20.41 0.38 0.00	19.92 0.35 0.00	19.38 0.32 0.00	18.46 0.33 0.00	19.32 0.33 0.00	20.72 0.32 0.00	21.23 0.35 0.00	24.65 0.44 0.00	27.44 0.46 0.00	32.18 0.60 0.00	33.31 0.57 0.00	32.82 0.50 0.00	25.85 0.43 0.00	21.94 0.28 0.00	19.84 0.22 0.00
MG INDUSTRY___DRP 24185	15.67 0.40 0.00	17.37 0.42 0.00	15.32 0.38 0.00	17.91 0.40 0.00	18.47 0.39 0.00	21.70 0.33 0.00	22.57 0.34 0.00	28.99 0.54 0.00	20.68 0.32 0.00	20.22 0.19 0.00	19.73 0.16 0.00	19.20 0.14 0.00	18.27 0.13 0.00	19.13 0.14 0.00	20.53 0.12 0.00	21.01 0.14 0.00	24.42 0.21 0.00	27.21 0.24 0.00	32.05 0.48 0.00	33.29 0.54 0.00	32.84 0.51 0.00	25.84 0.42 0.00	21.95 0.29 0.00	19.87 0.24 0.00
MID___OSWEGATCHIE_HYD 23849	14.70 -0.58 0.00	16.21 -0.73 0.00	14.24 -0.70 0.00	16.78 -0.73 0.00	17.63 -0.46 0.00	21.24 -0.13 0.00	22.29 0.06 0.00	28.22 -0.23 0.00	19.76 -0.59 0.00	19.44 -0.59 0.00	19.08 -0.49 0.00	18.70 -0.36 0.00	17.89 -0.24 0.00	18.71 -0.29 0.00	20.10 -0.30 0.00	20.58 -0.29 0.00	23.84 -0.37 0.00	26.76 -0.22 0.00	31.55 -0.02 0.00	32.97 0.23 0.00	32.79 0.46 0.00	25.83 0.41 0.00	22.00 0.34 0.00	19.79 0.17 0.00

MID___RAQUETTE_HYD 23851	14.63 -0.64 0.00	16.22 -0.72 0.00	14.28 -0.66 0.00	16.86 -0.64 0.00	17.70 -0.38 0.00	21.18 -0.19 0.00	22.24 0.00 0.00	28.16 -0.29 0.00	19.93 -0.42 0.00	19.69 -0.35 0.00	19.23 -0.34 0.00	18.80 -0.26 0.00	17.92 -0.21 0.00	18.73 -0.26 0.00	20.14 -0.26 0.00	20.63 -0.24 0.00	23.88 -0.33 0.00	26.77 -0.21 0.00	31.39 -0.19 0.00	32.63 -0.12 0.00	32.32 0.00 0.00	25.47 0.05 0.00	21.78 0.13 0.00	19.54 -0.08 0.00
MILLIKEN___1 23584	15.51 0.24 0.00	17.18 0.24 0.00	15.17 0.23 0.00	17.75 0.24 0.00	18.34 0.26 0.00	21.72 0.35 0.00	22.62 0.39 0.00	28.97 0.52 0.00	20.67 0.31 0.00	20.30 0.26 0.00	19.74 0.17 0.00	19.19 0.13 0.00	18.19 0.06 0.00	19.09 0.09 0.00	20.53 0.13 0.00	21.02 0.15 0.00	24.46 0.25 0.00	27.32 0.34 0.00	32.14 0.57 0.00	33.51 0.76 0.00	33.14 0.81 0.00	25.95 0.54 0.00	22.05 0.39 0.00	19.96 0.34 0.00
MILLIKEN___2 23585	15.51 0.24 0.00	17.18 0.24 0.00	15.17 0.23 0.00	17.75 0.24 0.00	18.34 0.26 0.00	21.72 0.35 0.00	22.62 0.39 0.00	28.97 0.52 0.00	20.67 0.31 0.00	20.30 0.26 0.00	19.74 0.17 0.00	19.19 0.13 0.00	18.19 0.06 0.00	19.09 0.09 0.00	20.53 0.13 0.00	21.02 0.15 0.00	24.46 0.25 0.00	27.32 0.34 0.00	32.14 0.57 0.00	33.51 0.76 0.00	33.14 0.81 0.00	25.95 0.54 0.00	22.05 0.39 0.00	19.96 0.34 0.00
MILLIKEN___DIESEL 23629	15.51 0.24 0.00	17.18 0.24 0.00	15.17 0.23 0.00	17.75 0.24 0.00	18.34 0.26 0.00	21.72 0.35 0.00	22.62 0.39 0.00	28.97 0.52 0.00	20.67 0.31 0.00	20.30 0.26 0.00	19.74 0.17 0.00	19.19 0.13 0.00	18.19 0.06 0.00	19.09 0.09 0.00	20.53 0.13 0.00	21.02 0.15 0.00	24.46 0.25 0.00	27.32 0.34 0.00	32.14 0.57 0.00	33.51 0.76 0.00	33.14 0.81 0.00	25.95 0.54 0.00	22.05 0.39 0.00	19.96 0.34 0.00
MILLSEAT___LFGE 323607	15.30 0.03 0.00	16.99 0.05 0.00	15.16 0.22 0.00	17.50 -0.01 0.00	18.07 -0.02 0.00	21.53 0.16 0.00	22.18 -0.05 0.00	28.19 -0.26 0.00	20.31 -0.04 0.00	20.10 0.07 0.00	19.51 -0.06 0.00	18.86 -0.20 0.00	17.78 -0.35 0.00	18.59 -0.40 0.00	20.28 -0.12 0.00	20.70 -0.17 0.00	23.87 -0.34 0.00	26.62 -0.36 0.00	31.39 -0.18 0.00	32.68 -0.07 0.00	32.33 0.00 0.00	25.44 0.02 0.00	21.83 0.18 0.00	19.86 0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.08 0.81 0.00	17.79 0.84 0.00	15.62 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.31 0.94 0.00	23.29 1.06 0.00	30.10 1.65 0.00	21.67 1.32 0.00	21.34 1.31 0.00	20.95 1.38 0.00	20.42 1.37 0.00	19.44 1.32 0.00	20.44 1.45 0.00	21.92 1.52 0.00	22.49 1.62 0.00	26.17 1.96 0.00	29.01 2.03 0.00	33.81 2.24 0.00	34.91 2.17 0.00	34.40 2.07 0.00	26.88 1.46 0.00	22.70 1.04 0.00	20.47 0.85 0.00
MILLWOOD_13_KV_LOAD 356217	16.11 0.84 0.00	17.82 0.88 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.34 1.11 0.00	30.16 1.72 0.00	21.72 1.37 0.00	21.39 1.35 0.00	21.00 1.44 0.00	20.46 1.40 0.00	19.48 1.35 0.00	20.48 1.49 0.00	21.97 1.57 0.00	22.54 1.67 0.00	26.24 2.03 0.00	29.09 2.11 0.00	33.91 2.34 0.00	35.02 2.27 0.00	34.50 2.17 0.00	26.94 1.52 0.00	22.76 1.10 0.00	20.52 0.89 0.00
MODEL_CITY_ENERGY 24167	14.92 -0.35 0.00	16.59 -0.36 0.00	14.83 -0.10 0.00	17.09 -0.42 0.00	17.65 -0.44 0.00	21.00 -0.37 0.00	21.56 -0.67 0.00	27.38 -1.07 0.00	19.81 -0.54 0.00	19.67 -0.37 0.00	19.13 -0.43 0.00	18.48 -0.57 0.00	17.41 -0.72 0.00	18.20 -0.79 0.00	19.88 -0.52 0.00	20.30 -0.57 0.00	23.37 -0.84 0.00	25.97 -1.01 0.00	30.50 -1.08 0.00	31.61 -1.14 0.00	31.22 -1.11 0.00	24.62 -0.80 0.00	21.23 -0.42 0.00	19.39 -0.24 0.00
MODERN_LFGE___ 323580	14.92 -0.35 0.00	16.59 -0.36 0.00	14.83 -0.10 0.00	17.09 -0.42 0.00	17.65 -0.44 0.00	21.00 -0.37 0.00	21.56 -0.67 0.00	27.38 -1.07 0.00	19.81 -0.54 0.00	19.67 -0.37 0.00	19.13 -0.43 0.00	18.48 -0.57 0.00	17.41 -0.72 0.00	18.20 -0.79 0.00	19.88 -0.52 0.00	20.30 -0.57 0.00	23.37 -0.84 0.00	25.97 -1.01 0.00	30.50 -1.08 0.00	31.61 -1.14 0.00	31.22 -1.11 0.00	24.62 -0.80 0.00	21.23 -0.42 0.00	19.39 -0.24 0.00
MOHAWK_PAPER___DRP 24187	15.72 0.45 0.00	17.42 0.47 0.00	15.35 0.41 0.00	17.95 0.44 0.00	18.51 0.42 0.00	21.72 0.35 0.00	22.63 0.39 0.00	29.13 0.68 0.00	20.90 0.54 0.00	20.52 0.49 0.00	20.02 0.45 0.00	19.46 0.40 0.00	18.51 0.38 0.00	19.36 0.37 0.00	20.77 0.36 0.00	21.27 0.40 0.00	24.72 0.51 0.00	27.53 0.55 0.00	32.30 0.73 0.00	33.46 0.72 0.00	32.97 0.65 0.00	25.96 0.54 0.00	22.02 0.37 0.00	19.91 0.29 0.00
MOHICAN___35_KV_115KV_LD 80490	15.93 0.65 0.00	17.61 0.67 0.00	15.47 0.53 0.00	18.18 0.67 0.00	18.78 0.69 0.00	21.98 0.60 0.00	23.04 0.80 0.00	29.71 1.26 0.00	21.09 0.74 0.00	20.59 0.55 0.00	19.98 0.41 0.00	19.46 0.40 0.00	18.49 0.36 0.00	19.37 0.38 0.00	20.78 0.37 0.00	21.35 0.48 0.00	24.85 0.64 0.00	27.94 0.96 0.00	32.96 1.38 0.00	34.29 1.54 0.00	33.69 1.37 0.00	26.51 1.09 0.00	22.34 0.68 0.00	20.17 0.55 0.00
MONGAUP___HYD 23641	16.14 0.87 0.00	17.85 0.90 0.00	15.68 0.74 0.00	18.35 0.84 0.00	18.87 0.78 0.00	22.39 1.01 0.00	23.36 1.12 0.00	30.09 1.65 0.00	21.39 1.03 0.00	20.84 0.81 0.00	20.52 0.95 0.00	20.02 0.97 0.00	19.11 0.97 0.00	20.06 1.07 0.00	21.52 1.12 0.00	22.01 1.14 0.00	25.44 1.23 0.00	28.33 1.35 0.00	33.06 1.49 0.00	34.43 1.68 0.00	34.07 1.74 0.00	26.89 1.47 0.00	22.78 1.12 0.00	20.61 0.99 0.00
MONTAUK___DIESEL 23721	17.01 1.74 0.00	18.82 1.88 0.00	16.47 1.53 0.00	19.32 1.81 0.00	19.95 1.87 0.00	23.75 2.38 0.00	27.56 2.53 -2.80	32.22 3.51 -0.26	30.41 2.68 -7.38	24.67 2.71 -1.92	33.68 2.89 -11.22	23.81 2.80 -1.95	23.95 2.65 -3.17	21.81 2.76 -0.06	23.14 2.73 0.00	24.53 2.91 -0.75	28.19 3.56 -0.42	30.06 3.48 0.39	35.37 3.80 0.00	36.56 3.82 0.00	62.01 3.89 -25.79	29.32 2.94 -0.97	27.30 2.29 -3.35	22.04 2.02 -0.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.62 0.35 0.00	17.38 0.43 0.00	15.43 0.49 0.00	17.89 0.38 0.00	18.52 0.44 0.00	22.16 0.78 0.00	22.89 0.65 0.00	29.28 0.83 0.00	21.11 0.75 0.00	20.93 0.89 0.00	20.50 0.93 0.00	19.92 0.86 0.00	18.78 0.65 0.00	19.76 0.77 0.00	21.47 1.07 0.00	21.94 1.07 0.00	25.42 1.21 0.00	28.13 1.15 0.00	32.86 1.28 0.00	34.12 1.37 0.00	33.69 1.37 0.00	26.16 0.74 0.00	22.25 0.59 0.00	20.17 0.55 0.00
MORTIMER_115KV_TB3 55949	15.18 -0.09 0.00	16.86 -0.09 0.00	14.99 0.05 0.00	17.37 -0.14 0.00	17.93 -0.15 0.00	21.31 -0.06 0.00	22.01 -0.22 0.00	28.04 -0.41 0.00	20.15 -0.20 0.00	19.96 -0.08 0.00	19.43 -0.13 0.00	18.85 -0.21 0.00	17.84 -0.29 0.00	18.67 -0.32 0.00	20.28 -0.13 0.00	20.69 -0.18 0.00	23.92 -0.29 0.00	26.66 -0.32 0.00	31.30 -0.27 0.00	32.56 -0.19 0.00	32.18 -0.15 0.00	25.28 -0.14 0.00	21.58 -0.07 0.00	19.64 0.02 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.13 0.86 0.00	17.84 0.90 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.91 0.82 0.00	22.36 0.99 0.00	23.37 1.13 0.00	30.22 1.78 0.00	21.79 1.44 0.00	21.49 1.45 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.60 1.47 0.00	20.62 1.63 0.00	22.12 1.72 0.00	22.70 1.82 0.00	26.41 2.20 0.00	29.26 2.28 0.00	34.05 2.48 0.00	35.14 2.39 0.00	34.62 2.29 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.56 0.94 0.00
MUNSVILLE_WIND_PWR 323609	15.87 0.60 0.00	17.53 0.58 0.00	15.55 0.61 0.00	18.25 0.74 0.00	19.03 0.94 0.00	22.55 1.18 0.00	23.69 1.46 0.00	30.56 2.11 0.00	21.56 1.21 0.00	21.08 1.05 0.00	20.22 0.65 0.00	19.46 0.40 0.00	18.36 0.22 0.00	19.14 0.15 0.00	20.79 0.39 0.00	21.30 0.42 0.00	24.89 0.68 0.00	28.27 1.30 0.00	33.58 2.01 0.00	35.43 2.68 0.00	35.19 2.87 0.00	27.45 2.04 0.00	23.29 1.64 0.00	21.02 1.40 0.00
N SALMON___HYD 24042	15.06 -0.21 0.00	16.78 -0.16 0.00	14.71 -0.22 0.00	17.64 0.13 0.00	18.42 0.33 0.00	21.87 0.49 0.00	22.79 0.55 0.00	28.70 0.25 0.00	20.44 0.09 0.00	20.17 0.13 0.00	19.67 0.10 0.00	19.21 0.15 0.00	18.30 0.16 0.00	19.16 0.17 0.00	20.53 0.12 0.00	21.12 0.25 0.00	24.55 0.34 0.00	27.60 0.62 0.00	32.43 0.85 0.00	33.62 0.87 0.00	33.20 0.87 0.00	26.12 0.70 0.00	22.30 0.64 0.00	20.16 0.54 0.00
N.AKRON___115KV_KNAPP 355671	15.27 0.00 0.00	16.95 0.01 0.00	15.14 0.20 0.00	17.46 -0.05 0.00	18.03 -0.06 0.00	21.48 0.11 0.00	22.11 -0.13 0.00	28.11 -0.34 0.00	20.28 -0.07 0.00	20.09 0.05 0.00	19.53 -0.04 0.00	18.87 -0.19 0.00	17.78 -0.35 0.00	18.58 -0.41 0.00	20.28 -0.12 0.00	20.69 -0.18 0.00	23.85 -0.36 0.00	26.58 -0.40 0.00	31.36 -0.21 0.00	32.58 -0.16 0.00	32.19 -0.14 0.00	25.35 -0.07 0.00	21.78 0.12 0.00	19.84 0.22 0.00
N.BELMOR_69_KV_BK1 55787	16.25 0.98 0.00	17.97 1.02 0.00	15.73 0.79 0.00	18.44 0.93 0.00	19.02 0.93 0.00	22.57 1.20 0.00	23.52 1.29 0.00	30.38 1.93 0.00	21.91 1.56 0.00	21.62 1.59 0.00	31.43 1.76 -10.10	25.11 1.73 -4.32	25.13 1.66 -5.34	21.06 1.76 -0.31	22.16 1.76 0.00	26.91 1.95 -4.09	28.95 2.39 -2.35	30.61 2.34 -1.29	34.02 2.43 -0.01	35.13 2.38 -0.01	34.71 2.39 0.00	27.16 1.74 0.00	22.96 1.30 0.00	20.71 1.10 0.00
N.E._GEN_SANDY PD 24062	19.33 0.73 -3.32	19.23 0.80 -1.49	17.89 0.66 -2.28	19.78 0.76 -1.51	20.13 0.74 -1.29	21.94 0.77 0.20	23.20 0.83 -0.13	29.81 1.36 0.00	21.38 1.03 0.00	20.98 0.94 0.00	20.50 0.93 0.00	19.93 0.87 0.00	18.94 0.81 0.00	19.85 0.85 0.00	20.11 0.84 1.13	20.63 0.90 1.14	24.13 1.08 1.16	27.89 1.10 0.19	34.03 1.41 -1.04	34.15 1.41 0.00	33.17 1.28 0.44	26.60 1.03 -0.15	22.36 0.70 0.00	20.24 0.59 -0.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.03 0.76 0.00	17.73 0.79 0.00	15.57 0.64 0.00	18.25 0.74 0.00	18.82 0.73 0.00	22.28 0.91 0.00	23.25 1.01 0.00	30.02 1.57 0.00	21.61 1.25 0.00	21.27 1.23 0.00	20.91 1.34 0.00	20.40 1.34 0.00	19.43 1.29 0.00	20.42 1.43 0.00	21.92 1.52 0.00	22.50 1.63 0.00	26.20 1.99 0.00	29.03 2.05 0.00	33.83 2.26 0.00	34.90 2.16 0.00	34.38 2.05 0.00	26.86 1.44 0.00	22.67 1.02 0.00	20.43 0.81 0.00
N.QUEENS_27_KV_LOAD 356247	16.13 0.86 0.00	17.84 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.91 0.82 0.00	22.37 1.00 0.00	23.42 1.18 0.00	30.31 1.86 0.00	21.87 1.52 0.00	21.54 1.50 0.00	21.15 1.59 0.00	20.61 1.55 0.00	19.65 1.52 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.44 2.23 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.15 2.40 0.00	34.64 2.31 0.00	26.97 1.55 0.00	22.84 1.19 0.00	20.59 0.97 0.00
N.TROY___115KV_TB1 355778	15.79 0.52 0.00	17.52 0.58 0.00	15.44 0.50 0.00	18.07 0.57 0.00	18.65 0.56 0.00	21.85 0.48 0.00	22.76 0.52 0.00	29.32 0.87 0.00	20.92 0.56 0.00	20.49 0.45 0.00	19.96 0.39 0.00	19.41 0.35 0.00	18.47 0.34 0.00	19.33 0.34 0.00	20.72 0.32 0.00	21.25 0.37 0.00	24.68 0.47 0.00	27.48 0.50 0.00	32.32 0.75 0.00	33.50 0.75 0.00	32.99 0.66 0.00	26.05 0.63 0.00	22.07 0.42 0.00	19.98 0.36 0.00
NARROWS_GT1_1 24228	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT1_2 24229	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT1_3 24230	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT1_4 24231	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT1_5 24232	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT1_6 24233	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00

NARROWS_GT1_7 24234	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT1_8 24235	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_1 24236	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_2 24237	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_3 24238	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_4 24239	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_5 24240	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_6 24241	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_7 24242	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NARROWS_GT2_8 24243	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.86 0.58 0.00	17.56 0.62 0.00	15.50 0.56 0.00	18.10 0.60 0.00	18.68 0.59 0.00	21.90 0.53 0.00	22.81 0.58 0.00	29.33 0.88 0.00	20.84 0.48 0.00	20.27 0.23 0.00	19.68 0.11 0.00	19.14 0.08 0.00	18.20 0.07 0.00	19.06 0.06 0.00	20.43 0.03 0.00	20.92 0.05 0.00	24.36 0.14 0.00	27.25 0.27 0.00	32.26 0.69 0.00	33.66 0.91 0.00	33.26 0.93 0.00	26.20 0.78 0.00	22.22 0.56 0.00	20.08 0.46 0.00
NCHELSEA_115KV_TR2 355582	16.24 0.97 0.00	17.96 1.02 0.00	15.78 0.84 0.00	18.48 0.97 0.00	19.06 0.97 0.00	22.56 1.18 0.00	23.57 1.33 0.00	30.44 1.99 0.00	21.88 1.52 0.00	21.48 1.45 0.00	21.04 1.48 0.00	20.52 1.46 0.00	19.53 1.40 0.00	20.54 1.55 0.00	22.04 1.64 0.00	22.64 1.77 0.00	26.38 2.17 0.00	29.32 2.34 0.00	34.27 2.70 0.00	35.42 2.68 0.00	34.90 2.57 0.00	27.26 1.84 0.00	23.00 1.35 0.00	20.71 1.09 0.00
NEG CAPITAL___MECHNVIL 23645	15.90 0.63 0.00	17.64 0.70 0.00	15.52 0.58 0.00	18.18 0.68 0.00	18.77 0.68 0.00	22.03 0.66 0.00	23.01 0.77 0.00	29.61 1.16 0.00	21.09 0.73 0.00	20.68 0.64 0.00	20.15 0.58 0.00	19.61 0.55 0.00	18.65 0.52 0.00	19.52 0.53 0.00	20.92 0.52 0.00	21.44 0.57 0.00	24.95 0.74 0.00	27.88 0.90 0.00	32.82 1.24 0.00	34.05 1.31 0.00	33.53 1.20 0.00	26.40 0.98 0.00	22.33 0.67 0.00	20.18 0.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	14.90 -0.37 0.00	16.54 -0.41 0.00	14.68 -0.25 0.00	17.05 -0.46 0.00	17.62 -0.47 0.00	20.93 -0.44 0.00	21.65 -0.59 0.00	27.62 -0.83 0.00	19.84 -0.51 0.00	19.61 -0.43 0.00	19.08 -0.49 0.00	18.52 -0.55 0.00	17.51 -0.62 0.00	18.33 -0.66 0.00	19.87 -0.53 0.00	20.28 -0.59 0.00	23.47 -0.74 0.00	26.19 -0.79 0.00	30.80 -0.78 0.00	32.01 -0.74 0.00	31.60 -0.72 0.00	24.81 -0.61 0.00	21.17 -0.49 0.00	19.23 -0.39 0.00
NEG CENTRAL___DRP 24199	15.28 0.01 0.00	16.94 0.00 0.00	14.99 0.05 0.00	17.51 0.01 0.00	18.09 0.00 0.00	21.45 0.08 0.00	22.32 0.09 0.00	28.56 0.11 0.00	20.42 0.07 0.00	20.11 0.07 0.00	19.58 0.01 0.00	19.02 -0.04 0.00	18.00 -0.13 0.00	18.89 -0.10 0.00	20.37 -0.03 0.00	20.84 -0.03 0.00	24.22 0.01 0.00	26.95 -0.03 0.00	31.71 0.13 0.00	32.98 0.24 0.00	32.60 0.27 0.00	25.59 0.17 0.00	21.75 0.10 0.00	19.73 0.10 0.00



NEG CENTRAL___INDECK 23768	15.44 0.17 0.00	17.13 0.18 0.00	15.24 0.30 0.00	17.72 0.22 0.00	18.36 0.27 0.00	21.88 0.51 0.00	22.72 0.48 0.00	28.87 0.42 0.00	20.57 0.22 0.00	20.28 0.25 0.00	19.77 0.20 0.00	19.09 0.03 0.00	17.97 -0.16 0.00	18.80 -0.19 0.00	20.47 0.07 0.00	20.95 0.08 0.00	24.31 0.10 0.00	27.12 0.14 0.00	31.90 0.32 0.00	33.60 0.86 0.00	33.52 1.19 0.00	26.27 0.85 0.00	22.34 0.68 0.00	20.23 0.61 0.00
NEG CENTRAL___SENECA 23627	15.32 0.05 0.00	16.99 0.04 0.00	15.05 0.11 0.00	17.56 0.06 0.00	18.15 0.06 0.00	21.55 0.18 0.00	22.43 0.19 0.00	28.69 0.24 0.00	20.52 0.17 0.00	20.22 0.18 0.00	19.67 0.10 0.00	19.09 0.03 0.00	18.03 -0.10 0.00	18.94 -0.06 0.00	20.46 0.06 0.00	20.94 0.07 0.00	24.36 0.14 0.00	27.08 0.10 0.00	31.88 0.30 0.00	33.19 0.44 0.00	32.81 0.48 0.00	25.76 0.34 0.00	21.89 0.24 0.00	19.85 0.23 0.00
NEG CENTRAL___STATE_STREET 24147	15.35 0.08 0.00	17.02 0.07 0.00	15.03 0.09 0.00	17.57 0.07 0.00	18.16 0.07 0.00	21.50 0.13 0.00	22.36 0.12 0.00	28.60 0.15 0.00	20.44 0.09 0.00	20.12 0.08 0.00	19.59 0.02 0.00	19.06 -0.01 0.00	18.07 -0.06 0.00	18.95 -0.04 0.00	20.39 -0.01 0.00	20.85 -0.02 0.00	24.22 0.01 0.00	27.02 0.04 0.00	31.75 0.18 0.00	33.01 0.26 0.00	32.62 0.29 0.00	25.59 0.17 0.00	21.76 0.10 0.00	19.72 0.10 0.00
NEG MILLWOOD___DRP 24198	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.83 0.00	18.47 0.96 0.00	19.04 0.96 0.00	22.54 1.16 0.00	23.55 1.32 0.00	30.44 1.99 0.00	21.89 1.54 0.00	21.53 1.49 0.00	21.10 1.53 0.00	20.56 1.50 0.00	19.56 1.43 0.00	20.57 1.58 0.00	22.08 1.68 0.00	22.67 1.79 0.00	26.41 2.20 0.00	29.33 2.35 0.00	34.26 2.69 0.00	35.40 2.65 0.00	34.87 2.55 0.00	27.24 1.82 0.00	22.98 1.32 0.00	20.70 1.07 0.00
NEG NORTH_FLCN_SEA 23793	15.20 -0.07 0.00	16.95 0.00 0.00	14.78 -0.16 0.00	18.07 0.57 0.00	18.88 0.79 0.00	22.29 0.91 0.00	23.28 1.05 0.00	29.04 0.59 0.00	20.66 0.30 0.00	20.36 0.33 0.00	19.76 0.19 0.00	19.37 0.31 0.00	18.37 0.24 0.00	19.29 0.29 0.00	20.62 0.22 0.00	21.39 0.52 0.00	24.96 0.75 0.00	28.13 1.15 0.00	33.18 1.61 0.00	34.40 1.65 0.00	33.85 1.52 0.00	26.61 1.19 0.00	22.63 0.98 0.00	20.58 0.95 0.00
NEG NORTH_KES_CHATEGAY 23792	15.09 -0.18 0.00	16.83 -0.11 0.00	14.75 -0.18 0.00	17.75 0.24 0.00	18.50 0.42 0.00	21.90 0.53 0.00	22.76 0.52 0.00	28.57 0.12 0.00	20.38 0.03 0.00	20.09 0.05 0.00	19.58 0.02 0.00	19.12 0.05 0.00	18.20 0.07 0.00	19.10 0.10 0.00	20.43 0.03 0.00	21.07 0.20 0.00	24.49 0.28 0.00	27.55 0.57 0.00	32.40 0.83 0.00	33.58 0.83 0.00	33.11 0.78 0.00	26.06 0.64 0.00	22.25 0.59 0.00	20.18 0.56 0.00
NEG NORTH___ALICE_FALLS 23915	15.24 -0.03 0.00	17.00 0.06 0.00	14.84 -0.10 0.00	18.09 0.58 0.00	18.89 0.80 0.00	22.31 0.93 0.00	23.29 1.06 0.00	29.11 0.66 0.00	20.73 0.37 0.00	20.43 0.40 0.00	19.85 0.28 0.00	19.43 0.37 0.00	18.44 0.31 0.00	19.35 0.36 0.00	20.69 0.29 0.00	21.45 0.58 0.00	25.00 0.78 0.00	28.16 1.18 0.00	33.21 1.64 0.00	34.42 1.67 0.00	33.90 1.57 0.00	26.66 1.24 0.00	22.68 1.02 0.00	20.59 0.97 0.00
NEG NORTH___LWR_SARANAC 23913	15.24 -0.03 0.00	17.00 0.06 0.00	14.84 -0.10 0.00	18.09 0.58 0.00	18.89 0.80 0.00	22.31 0.93 0.00	23.29 1.06 0.00	29.11 0.66 0.00	20.73 0.37 0.00	20.43 0.40 0.00	19.85 0.28 0.00	19.43 0.37 0.00	18.44 0.31 0.00	19.35 0.36 0.00	20.69 0.29 0.00	21.45 0.58 0.00	25.00 0.78 0.00	28.16 1.18 0.00	33.21 1.64 0.00	34.42 1.67 0.00	33.90 1.57 0.00	26.66 1.24 0.00	22.68 1.02 0.00	20.59 0.97 0.00
NEG NORTH___PLATTSBURG 23628	15.24 -0.03 0.00	17.00 0.06 0.00	14.84 -0.10 0.00	18.09 0.58 0.00	18.89 0.80 0.00	22.31 0.93 0.00	23.29 1.06 0.00	29.11 0.66 0.00	20.72 0.37 0.00	20.43 0.40 0.00	19.85 0.28 0.00	19.43 0.37 0.00	18.44 0.31 0.00	19.35 0.36 0.00	20.69 0.29 0.00	21.45 0.57 0.00	25.00 0.78 0.00	28.16 1.18 0.00	33.21 1.64 0.00	34.42 1.67 0.00	33.90 1.57 0.00	26.66 1.24 0.00	22.68 1.02 0.00	20.59 0.97 0.00
NEG WEST_LEA_LOCKPORT 23791	15.06 -0.21 0.00	16.73 -0.21 0.00	14.95 0.02 0.00	17.24 -0.26 0.00	17.81 -0.28 0.00	21.19 -0.18 0.00	21.77 -0.46 0.00	27.67 -0.78 0.00	20.00 -0.36 0.00	19.85 -0.19 0.00	19.31 -0.25 0.00	18.68 -0.38 0.00	17.61 -0.52 0.00	18.42 -0.57 0.00	20.12 -0.28 0.00	20.53 -0.35 0.00	23.65 -0.56 0.00	26.30 -0.68 0.00	30.87 -0.71 0.00	32.05 -0.70 0.00	31.64 -0.69 0.00	24.92 -0.50 0.00	21.44 -0.21 0.00	19.59 -0.03 0.00
NEG WEST___LANCASTR 23811	15.58 0.31 0.00	17.33 0.38 0.00	15.43 0.49 0.00	17.92 0.41 0.00	18.46 0.37 0.00	21.94 0.56 0.00	22.61 0.38 0.00	28.84 0.39 0.00	20.81 0.46 0.00	20.71 0.67 0.00	20.14 0.58 0.00	19.55 0.49 0.00	18.43 0.30 0.00	19.33 0.34 0.00	21.04 0.64 0.00	21.49 0.62 0.00	24.88 0.66 0.00	27.58 0.60 0.00	32.26 0.68 0.00	33.51 0.76 0.00	33.10 0.77 0.00	25.96 0.54 0.00	22.24 0.58 0.00	20.28 0.65 0.00
NEG_PENN_ALLEGHNY 23528	15.43 0.16 0.00	17.11 0.16 0.00	15.10 0.16 0.00	17.68 0.17 0.00	18.24 0.15 0.00	21.59 0.21 0.00	22.46 0.23 0.00	28.86 0.42 0.00	20.68 0.33 0.00	20.43 0.39 0.00	19.91 0.34 0.00	19.39 0.33 0.00	18.37 0.23 0.00	19.29 0.30 0.00	20.75 0.35 0.00	21.25 0.38 0.00	24.75 0.54 0.00	27.48 0.50 0.00	32.17 0.59 0.00	33.37 0.62 0.00	32.95 0.63 0.00	25.78 0.36 0.00	21.90 0.24 0.00	19.86 0.24 0.00
NEG___GEN_MONROE 24207	15.30 0.03 0.00	16.98 0.04 0.00	15.10 0.17 0.00	17.49 -0.01 0.00	18.07 -0.02 0.00	21.49 0.12 0.00	22.19 -0.05 0.00	28.25 -0.20 0.00	20.29 -0.06 0.00	20.09 0.05 0.00	19.53 -0.03 0.00	18.95 -0.11 0.00	17.91 -0.22 0.00	18.73 -0.26 0.00	20.36 -0.04 0.00	20.78 -0.10 0.00	24.01 -0.20 0.00	26.78 -0.20 0.00	31.49 -0.08 0.00	32.80 0.05 0.00	32.42 0.09 0.00	25.47 0.05 0.00	21.76 0.10 0.00	19.80 0.18 0.00
NEPA___ENERGY 23901	15.40 0.13 0.00	17.10 0.15 0.00	15.18 0.24 0.00	17.67 0.17 0.00	18.23 0.14 0.00	21.67 0.30 0.00	22.39 0.16 0.00	28.60 0.15 0.00	20.60 0.25 0.00	20.52 0.48 0.00	20.05 0.48 0.00	19.55 0.49 0.00	18.41 0.28 0.00	19.38 0.39 0.00	21.01 0.61 0.00	21.49 0.62 0.00	25.00 0.79 0.00	27.55 0.57 0.00	32.13 0.55 0.00	33.34 0.59 0.00	32.94 0.61 0.00	25.66 0.24 0.00	21.91 0.25 0.00	19.95 0.33 0.00
NEVERSINK___HYD 23608	16.53 1.25 0.00	18.28 1.34 0.00	16.07 1.13 0.00	18.82 1.32 0.00	19.42 1.34 0.00	23.06 1.69 0.00	24.09 1.86 0.00	31.17 2.72 0.00	23.52 3.16 0.00	22.98 2.94 0.00	21.63 2.06 0.00	20.99 1.93 0.00	19.97 1.84 0.00	21.00 2.01 0.00	22.52 2.12 0.00	22.87 2.00 0.00	26.73 2.52 0.00	29.84 2.86 0.00	34.91 3.33 0.00	36.13 3.39 0.00	35.60 3.28 0.00	27.77 2.35 0.00	23.42 1.77 0.00	21.10 1.48 0.00

NEWKRMKL_115KV_TB1 55635	15.58 0.30 0.00	17.23 0.29 0.00	15.21 0.27 0.00	17.75 0.24 0.00	18.31 0.22 0.00	21.46 0.09 0.00	22.33 0.09 0.00	28.73 0.28 0.00	20.57 0.22 0.00	20.19 0.15 0.00	19.72 0.15 0.00	19.20 0.14 0.00	18.29 0.15 0.00	19.16 0.17 0.00	20.58 0.18 0.00	21.08 0.21 0.00	24.49 0.27 0.00	27.27 0.29 0.00	31.95 0.38 0.00	33.09 0.34 0.00	32.60 0.27 0.00	25.62 0.20 0.00	21.77 0.11 0.00	19.68 0.06 0.00
NEWTON___FALLS_HYD 23847	14.70 -0.58 0.00	16.21 -0.73 0.00	14.24 -0.70 0.00	16.78 -0.73 0.00	17.63 -0.46 0.00	21.24 -0.13 0.00	22.29 0.06 0.00	28.22 -0.23 0.00	19.76 -0.59 0.00	19.44 -0.59 0.00	19.08 -0.49 0.00	18.70 -0.36 0.00	17.89 -0.24 0.00	18.71 -0.29 0.00	20.10 -0.30 0.00	20.58 -0.29 0.00	23.84 -0.37 0.00	26.76 -0.22 0.00	31.55 -0.02 0.00	32.97 0.23 0.00	32.79 0.46 0.00	25.83 0.41 0.00	22.00 0.34 0.00	19.79 0.17 0.00
NGRID_A1_DSASP 323792	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.22 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.04 -1.40 0.00	19.53 -0.83 0.00	19.40 -0.64 0.00	18.94 -0.63 0.00	18.39 -0.67 0.00	17.36 -0.77 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.25 -0.63 0.00	23.30 -0.92 0.00	25.88 -1.09 0.00	30.35 -1.22 0.00	31.44 -1.31 0.00	30.98 -1.35 0.00	24.33 -1.09 0.00	20.95 -0.70 0.00	19.23 -0.39 0.00
NGRID_A2_DSASP 323793	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.22 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.04 -1.40 0.00	19.53 -0.83 0.00	19.40 -0.64 0.00	18.94 -0.63 0.00	18.39 -0.67 0.00	17.36 -0.77 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.25 -0.63 0.00	23.30 -0.92 0.00	25.88 -1.09 0.00	30.35 -1.22 0.00	31.44 -1.31 0.00	30.98 -1.35 0.00	24.33 -1.09 0.00	20.95 -0.70 0.00	19.23 -0.39 0.00
NGRID_A4_DSASP 323807	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.22 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.04 -1.40 0.00	19.53 -0.83 0.00	19.40 -0.64 0.00	18.94 -0.63 0.00	18.39 -0.67 0.00	17.36 -0.77 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.25 -0.63 0.00	23.30 -0.92 0.00	25.88 -1.09 0.00	30.35 -1.22 0.00	31.44 -1.31 0.00	30.98 -1.35 0.00	24.33 -1.09 0.00	20.95 -0.70 0.00	19.23 -0.39 0.00
NIAGARA_115E_LBMP 323715	14.85 -0.42 0.00	16.50 -0.44 0.00	14.76 -0.18 0.00	17.01 -0.49 0.00	17.56 -0.53 0.00	20.89 -0.48 0.00	21.45 -0.79 0.00	27.22 -1.23 0.00	19.71 -0.64 0.00	19.57 -0.46 0.00	19.04 -0.53 0.00	18.38 -0.67 0.00	17.31 -0.82 0.00	18.10 -0.90 0.00	19.77 -0.63 0.00	20.19 -0.68 0.00	23.23 -0.98 0.00	25.81 -1.17 0.00	30.29 -1.28 0.00	31.38 -1.37 0.00	30.99 -1.34 0.00	24.46 -0.96 0.00	21.11 -0.55 0.00	19.28 -0.34 0.00
NIAGARA_115W_LBMP 323714	14.77 -0.50 0.00	16.42 -0.53 0.00	14.69 -0.25 0.00	16.93 -0.58 0.00	17.46 -0.62 0.00	20.78 -0.59 0.00	21.32 -0.91 0.00	26.98 -1.47 0.00	19.48 -0.87 0.00	19.36 -0.68 0.00	18.90 -0.67 0.00	18.36 -0.70 0.00	17.33 -0.80 0.00	18.11 -0.88 0.00	19.79 -0.61 0.00	20.20 -0.67 0.00	23.24 -0.97 0.00	25.83 -1.15 0.00	30.28 -1.29 0.00	31.36 -1.38 0.00	30.91 -1.42 0.00	24.27 -1.15 0.00	20.90 -0.76 0.00	19.19 -0.43 0.00
NIAGARA_230_LBMP 323716	14.90 -0.37 0.00	16.57 -0.38 0.00	14.80 -0.14 0.00	17.08 -0.42 0.00	17.62 -0.47 0.00	20.94 -0.43 0.00	21.51 -0.72 0.00	27.31 -1.14 0.00	19.74 -0.61 0.00	19.62 -0.41 0.00	19.09 -0.47 0.00	18.51 -0.55 0.00	17.48 -0.65 0.00	18.28 -0.71 0.00	19.97 -0.44 0.00	20.36 -0.51 0.00	23.45 -0.76 0.00	26.07 -0.91 0.00	30.54 -1.04 0.00	31.67 -1.08 0.00	31.28 -1.05 0.00	24.61 -0.80 0.00	21.17 -0.49 0.00	19.34 -0.28 0.00
NIAGARA___115KV_198_GIBSON 55903	14.77 -0.50 0.00	16.42 -0.53 0.00	14.69 -0.25 0.00	16.93 -0.58 0.00	17.46 -0.62 0.00	20.78 -0.59 0.00	21.32 -0.91 0.00	26.98 -1.47 0.00	19.48 -0.88 0.00	19.36 -0.68 0.00	18.89 -0.67 0.00	18.36 -0.70 0.00	17.33 -0.80 0.00	18.11 -0.88 0.00	19.79 -0.61 0.00	20.20 -0.67 0.00	23.24 -0.97 0.00	25.83 -1.15 0.00	30.28 -1.30 0.00	31.38 -1.36 0.00	30.91 -1.42 0.00	24.27 -1.15 0.00	20.90 -0.76 0.00	19.21 -0.41 0.00
NIAGARA____ 23760	14.90 -0.37 0.00	16.57 -0.38 0.00	14.80 -0.14 0.00	17.08 -0.42 0.00	17.62 -0.47 0.00	20.94 -0.43 0.00	21.51 -0.72 0.00	27.31 -1.14 0.00	19.74 -0.61 0.00	19.62 -0.41 0.00	19.09 -0.47 0.00	18.51 -0.55 0.00	17.48 -0.65 0.00	18.28 -0.71 0.00	19.97 -0.44 0.00	20.36 -0.51 0.00	23.45 -0.76 0.00	26.07 -0.91 0.00	30.54 -1.04 0.00	31.67 -1.08 0.00	31.28 -1.05 0.00	24.61 -0.80 0.00	21.17 -0.49 0.00	19.34 -0.28 0.00
NINE_MILE_1 23575	14.92 -0.35 0.00	16.55 -0.40 0.00	14.59 -0.34 0.00	17.09 -0.42 0.00	17.65 -0.44 0.00	20.86 -0.51 0.00	21.67 -0.57 0.00	27.72 -0.73 0.00	19.84 -0.51 0.00	19.53 -0.50 0.00	19.07 -0.49 0.00	18.57 -0.49 0.00	17.65 -0.48 0.00	18.50 -0.50 0.00	19.86 -0.54 0.00	20.30 -0.57 0.00	23.52 -0.69 0.00	26.21 -0.77 0.00	30.72 -0.86 0.00	31.89 -0.86 0.00	31.49 -0.84 0.00	24.75 -0.67 0.00	21.07 -0.58 0.00	19.15 -0.48 0.00
NINE_MILE_2 23744	14.92 -0.35 0.00	16.55 -0.39 0.00	14.60 -0.34 0.00	17.09 -0.42 0.00	17.66 -0.43 0.00	20.86 -0.51 0.00	21.67 -0.57 0.00	27.73 -0.72 0.00	19.84 -0.51 0.00	19.54 -0.50 0.00	19.08 -0.49 0.00	18.57 -0.49 0.00	17.66 -0.47 0.00	18.50 -0.50 0.00	19.86 -0.54 0.00	20.30 -0.57 0.00	23.52 -0.69 0.00	26.21 -0.77 0.00	30.72 -0.86 0.00	31.89 -0.86 0.00	31.49 -0.84 0.00	24.75 -0.67 0.00	21.07 -0.58 0.00	19.15 -0.47 0.00
NM_CAPITAL___DRP 24208	15.58 0.31 0.00	17.24 0.30 0.00	15.21 0.27 0.00	17.77 0.26 0.00	18.32 0.23 0.00	21.47 0.10 0.00	22.34 0.11 0.00	28.76 0.31 0.00	20.59 0.23 0.00	20.21 0.17 0.00	19.73 0.16 0.00	19.21 0.15 0.00	18.30 0.16 0.00	19.16 0.17 0.00	20.57 0.17 0.00	21.07 0.20 0.00	24.46 0.25 0.00	27.21 0.23 0.00	31.90 0.32 0.00	33.04 0.29 0.00	32.55 0.22 0.00	25.61 0.19 0.00	21.76 0.10 0.00	19.68 0.06 0.00
NM_CENTRAL___DRP 24181	15.21 -0.06 0.00	16.86 -0.08 0.00	14.88 -0.06 0.00	17.41 -0.10 0.00	17.98 -0.11 0.00	21.26 -0.11 0.00	22.10 -0.13 0.00	28.30 -0.15 0.00	20.24 -0.11 0.00	19.93 -0.10 0.00	19.46 -0.11 0.00	18.94 -0.12 0.00	18.00 -0.14 0.00	18.87 -0.12 0.00	20.27 -0.13 0.00	20.72 -0.16 0.00	24.04 -0.17 0.00	26.79 -0.19 0.00	31.41 -0.16 0.00	32.62 -0.13 0.00	32.23 -0.10 0.00	25.30 -0.11 0.00	21.52 -0.14 0.00	19.53 -0.09 0.00
NM_FRONTIER___DRP 24179	14.77 -0.50 0.00	16.42 -0.53 0.00	14.69 -0.25 0.00	16.93 -0.58 0.00	17.46 -0.62 0.00	20.78 -0.59 0.00	21.32 -0.91 0.00	26.98 -1.47 0.00	19.48 -0.88 0.00	19.36 -0.68 0.00	18.89 -0.67 0.00	18.36 -0.70 0.00	17.33 -0.80 0.00	18.11 -0.88 0.00	19.79 -0.61 0.00	20.20 -0.67 0.00	23.24 -0.97 0.00	25.83 -1.15 0.00	30.28 -1.30 0.00	31.38 -1.36 0.00	30.91 -1.42 0.00	24.27 -1.15 0.00	20.90 -0.76 0.00	19.21 -0.41 0.00

NM_ST_REGIS___HYD 24053	14.75 -0.52 0.00	16.38 -0.57 0.00	14.40 -0.54 0.00	17.08 -0.43 0.00	17.91 -0.18 0.00	21.38 0.01 0.00	22.40 0.16 0.00	28.32 -0.13 0.00	20.08 -0.27 0.00	19.83 -0.21 0.00	19.36 -0.21 0.00	18.92 -0.14 0.00	18.03 -0.10 0.00	18.85 -0.14 0.00	20.26 -0.14 0.00	20.78 -0.09 0.00	24.08 -0.13 0.00	27.01 0.03 0.00	31.69 0.11 0.00	32.92 0.17 0.00	32.58 0.25 0.00	25.66 0.24 0.00	21.95 0.29 0.00	19.73 0.10 0.00
NORTHPORT___1 23551	16.26 0.98 0.00	17.99 1.05 0.00	15.74 0.80 0.00	18.46 0.95 0.00	19.06 0.97 0.00	22.61 1.23 0.00	23.41 1.18 0.00	30.23 1.78 0.00	21.74 1.39 0.00	21.51 1.47 0.00	30.41 1.73 -9.11	22.22 1.74 -1.42	22.53 1.72 -2.68	20.84 1.80 -0.05	22.18 1.78 0.00	23.49 1.99 -0.63	26.95 2.38 -0.36	28.54 2.02 0.45	33.46 1.89 0.00	34.56 1.82 0.00	34.24 1.92 0.00	26.93 1.51 0.00	22.76 1.10 0.00	20.66 1.03 0.00
NORTHPORT___2 23552	16.26 0.98 0.00	17.99 1.05 0.00	15.74 0.80 0.00	18.46 0.95 0.00	19.06 0.97 0.00	22.61 1.23 0.00	23.41 1.18 0.00	30.23 1.78 0.00	21.74 1.39 0.00	21.51 1.47 0.00	30.41 1.73 -9.11	22.22 1.74 -1.42	22.53 1.72 -2.68	20.84 1.80 -0.05	22.18 1.78 0.00	23.49 1.99 -0.63	26.95 2.38 -0.36	28.54 2.02 0.45	33.46 1.89 0.00	34.56 1.82 0.00	34.24 1.92 0.00	26.93 1.51 0.00	22.76 1.10 0.00	20.66 1.03 0.00
NORTHPORT___3 23553	16.14 0.87 0.00	17.89 0.94 0.00	15.66 0.72 0.00	18.36 0.85 0.00	18.95 0.86 0.00	22.46 1.09 0.00	23.32 1.25 0.17	30.15 1.72 0.02	21.43 1.52 0.44	21.40 1.48 0.12	30.27 1.73 -8.97	22.07 1.65 -1.36	22.37 1.63 -2.61	20.72 1.68 -0.04	22.07 1.67 0.00	23.33 1.88 -0.59	26.83 2.29 -0.33	28.51 2.00 0.47	33.48 1.91 0.00	34.61 1.86 0.00	32.82 2.05 1.56	26.80 1.44 0.06	22.64 1.19 0.20	20.53 0.93 0.02
NORTHPORT___4 23650	16.14 0.87 0.00	17.89 0.94 0.00	15.66 0.72 0.00	18.36 0.85 0.00	18.95 0.86 0.00	22.46 1.09 0.00	23.32 1.25 0.17	30.15 1.72 0.02	21.43 1.52 0.44	21.40 1.48 0.12	30.27 1.73 -8.97	22.07 1.65 -1.36	22.37 1.63 -2.61	20.72 1.68 -0.04	22.07 1.67 0.00	23.33 1.88 -0.59	26.83 2.29 -0.33	28.51 2.00 0.47	33.48 1.91 0.00	34.61 1.86 0.00	32.82 2.05 1.56	26.80 1.44 0.06	22.64 1.19 0.20	20.53 0.93 0.02
NORTHPORT___IC 23718	16.26 0.98 0.00	17.99 1.05 0.00	15.74 0.80 0.00	18.46 0.95 0.00	19.06 0.97 0.00	22.61 1.23 0.00	23.41 1.18 0.00	30.22 1.78 0.00	21.74 1.39 0.00	21.51 1.47 0.00	30.41 1.73 -9.11	22.22 1.74 -1.42	22.51 1.71 -2.68	20.84 1.80 -0.05	22.18 1.78 0.00	23.49 1.99 -0.63	26.94 2.38 -0.36	28.54 2.02 0.45	33.46 1.89 0.00	34.56 1.82 0.00	34.25 1.92 0.00	26.93 1.51 0.00	22.76 1.10 0.00	20.66 1.04 0.00
NORTH___COUNTRY_ESR 323785	15.03 -0.24 0.00	16.78 -0.16 0.00	14.70 -0.23 0.00	17.70 0.20 0.00	18.45 0.36 0.00	21.83 0.46 0.00	22.67 0.44 0.00	28.48 0.03 0.00	20.33 -0.02 0.00	20.06 0.03 0.00	19.55 -0.02 0.00	19.09 0.03 0.00	18.17 0.04 0.00	19.05 0.06 0.00	20.38 -0.02 0.00	21.02 0.15 0.00	24.45 0.24 0.00	27.50 0.52 0.00	32.30 0.73 0.00	33.46 0.72 0.00	32.99 0.66 0.00	25.95 0.53 0.00	22.17 0.51 0.00	20.11 0.49 0.00
NPX_GEN_1385_PROXY 323591	16.32 1.04 0.00	18.05 1.11 0.00	15.74 0.80 0.00	18.52 1.02 0.00	19.12 1.03 0.00	22.69 1.32 0.00	23.56 1.33 0.00	30.27 1.82 0.00	21.82 1.47 0.00	21.54 1.51 0.00	30.32 1.64 -9.11	22.00 1.52 -1.42	22.49 1.68 -2.68	20.78 1.74 -0.05	22.09 1.69 0.00	23.49 1.99 -0.63	8.33 2.38 18.26	28.57 2.05 0.45	33.46 1.90 0.00	34.62 1.87 0.00	34.41 2.07 0.00	27.06 1.64 0.00	22.76 1.10 0.00	20.66 1.03 0.00
NPX_GEN_CSC 323557	16.67 1.40 0.00	18.43 1.49 0.00	16.12 1.19 0.00	18.91 1.40 0.00	19.53 1.44 0.00	23.21 1.84 0.00	26.93 1.92 -2.77	31.43 2.73 -0.26	29.77 2.12 -7.30	24.10 2.16 -1.90	33.12 2.36 -11.19	23.30 2.30 -1.94	23.52 2.22 -3.17	21.34 2.30 -0.06	22.66 2.26 0.00	24.05 2.44 -0.74	27.58 2.95 -0.42	29.40 2.82 0.39	34.59 3.02 0.00	35.67 2.93 0.00	60.80 2.95 -25.53	28.61 2.24 -0.96	26.69 1.72 -3.32	21.54 1.52 -0.39
NSINS_S_GLNS_FALLS 23858	15.91 0.63 0.00	17.59 0.65 0.00	15.45 0.51 0.00	18.16 0.65 0.00	18.75 0.66 0.00	21.95 0.58 0.00	23.01 0.78 0.00	29.67 1.23 0.00	21.07 0.72 0.00	20.58 0.55 0.00	19.98 0.41 0.00	19.46 0.40 0.00	18.50 0.37 0.00	19.37 0.38 0.00	20.80 0.39 0.00	21.36 0.49 0.00	24.85 0.64 0.00	27.95 0.97 0.00	32.96 1.38 0.00	34.26 1.52 0.00	33.68 1.36 0.00	26.50 1.08 0.00	22.33 0.67 0.00	20.16 0.53 0.00
NUCOR_STEEL___DRP 24197	15.34 0.07 0.00	17.00 0.06 0.00	15.02 0.08 0.00	17.56 0.05 0.00	18.14 0.05 0.00	21.48 0.10 0.00	22.33 0.09 0.00	28.56 0.11 0.00	20.42 0.06 0.00	20.09 0.06 0.00	19.57 0.00 0.00	19.05 -0.02 0.00	18.06 -0.07 0.00	18.94 -0.05 0.00	20.37 -0.03 0.00	20.83 -0.05 0.00	24.19 -0.02 0.00	26.99 0.01 0.00	31.71 0.14 0.00	32.96 0.21 0.00	32.57 0.24 0.00	25.54 0.12 0.00	21.72 0.07 0.00	19.70 0.08 0.00
NUMBER_THREE_WT_PWR 323818	14.83 -0.44 0.00	16.28 -0.67 0.00	14.27 -0.67 0.00	16.77 -0.73 0.00	17.65 -0.44 0.00	21.42 0.05 0.00	22.47 0.24 0.00	28.46 0.02 0.00	19.76 -0.59 0.00	19.39 -0.65 0.00	19.06 -0.50 0.00	18.74 -0.32 0.00	17.99 -0.14 0.00	18.87 -0.13 0.00	20.26 -0.14 0.00	20.73 -0.15 0.00	24.04 -0.16 0.00	27.00 0.02 0.00	31.99 0.41 0.00	33.57 0.82 0.00	33.45 1.12 0.00	26.34 0.92 0.00	22.36 0.70 0.00	20.16 0.54 0.00
NYISO_LBMP_REFERENCE 24008	15.27 0.00 0.00	16.94 0.00 0.00	14.94 0.00 0.00	17.51 0.00 0.00	18.09 0.00 0.00	21.37 0.00 0.00	22.24 0.00 0.00	28.45 0.00 0.00	20.35 0.00 0.00	20.03 0.00 0.00	19.57 0.00 0.00	19.06 0.00 0.00	18.13 0.00 0.00	18.99 0.00 0.00	20.40 0.00 0.00	20.87 0.00 0.00	24.21 0.00 0.00	26.98 0.00 0.00	31.58 0.00 0.00	32.74 0.00 0.00	32.33 0.00 0.00	25.42 0.00 0.00	21.66 0.00 0.00	19.62 0.00 0.00
NYPA_BRENTWD____GT 24164	16.44 1.17 0.00	18.17 1.23 0.00	15.90 0.96 0.00	18.64 1.13 0.00	19.25 1.16 0.00	22.86 1.48 0.00	24.21 1.51 -0.47	30.71 2.22 -0.04	23.33 1.74 -1.24	22.17 1.81 -0.32	31.12 2.03 -9.53	22.77 2.01 -1.71	23.02 1.96 -2.94	21.10 2.04 -0.07	22.40 2.00 0.00	23.96 2.21 -0.88	27.37 2.66 -0.50	29.09 2.43 0.33	34.04 2.47 0.00	35.11 2.36 0.00	39.20 2.55 -4.32	27.53 1.95 -0.16	23.69 1.47 -0.56	21.01 1.32 -0.07
NYPA_GOWANUS____GT5 24156	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00

NYPA_GOWANUS____GT6 24157	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.95 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.62 0.00	19.73 1.60 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.84 1.97 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.31 2.56 0.00	34.78 2.46 0.00	27.14 1.72 0.00	22.92 1.27 0.00	20.64 1.02 0.00
NYPA_HARLEM__RVR__GT1 24160	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.30 0.80 0.00	18.87 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.25 1.80 0.00	21.81 1.46 0.00	21.49 1.46 0.00	21.10 1.53 0.00	20.57 1.51 0.00	19.67 1.54 0.00	20.60 1.61 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.17 0.00	29.20 2.22 0.00	33.93 2.36 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.93 1.51 0.00	22.80 1.15 0.00	20.55 0.93 0.00
NYPA_HARLEM__RVR__GT2 24161	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.30 0.80 0.00	18.87 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.25 1.80 0.00	21.81 1.46 0.00	21.49 1.46 0.00	21.10 1.53 0.00	20.57 1.51 0.00	19.67 1.54 0.00	20.60 1.61 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.17 0.00	29.20 2.22 0.00	33.93 2.36 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.93 1.51 0.00	22.80 1.15 0.00	20.55 0.93 0.00
NYPA_KENT____GT 24152	16.17 0.90 0.00	17.87 0.92 0.00	15.68 0.74 0.00	18.36 0.86 0.00	18.94 0.85 0.00	22.42 1.04 0.00	23.43 1.20 0.00	30.32 1.87 0.00	21.87 1.51 0.00	21.57 1.53 0.00	21.17 1.61 0.00	20.66 1.60 0.00	19.72 1.58 0.00	20.70 1.71 0.00	22.22 1.82 0.00	22.80 1.93 0.00	26.54 2.33 0.00	29.39 2.41 0.00	34.16 2.58 0.00	35.26 2.52 0.00	34.73 2.40 0.00	27.09 1.68 0.00	22.88 1.23 0.00	20.62 0.99 0.00
NYPA_POUCH1____GT 24155	16.15 0.88 0.00	17.85 0.91 0.00	15.66 0.72 0.00	18.34 0.84 0.00	18.92 0.83 0.00	22.41 1.03 0.00	23.41 1.18 0.00	30.25 1.81 0.00	21.79 1.44 0.00	21.47 1.43 0.00	21.08 1.52 0.00	20.56 1.50 0.00	19.60 1.47 0.00	20.59 1.60 0.00	22.12 1.72 0.00	22.69 1.82 0.00	26.43 2.22 0.00	29.26 2.28 0.00	33.99 2.41 0.00	35.10 2.36 0.00	34.63 2.31 0.00	27.06 1.64 0.00	22.85 1.20 0.00	20.59 0.96 0.00
NYPA_VERNON____GT2 24162	16.15 0.88 0.00	17.85 0.91 0.00	15.67 0.73 0.00	18.35 0.84 0.00	18.92 0.83 0.00	22.38 1.01 0.00	23.39 1.16 0.00	30.28 1.84 0.00	21.85 1.49 0.00	21.55 1.51 0.00	21.15 1.58 0.00	20.64 1.58 0.00	19.69 1.56 0.00	20.68 1.69 0.00	22.19 1.79 0.00	22.77 1.90 0.00	26.51 2.30 0.00	29.35 2.37 0.00	34.11 2.54 0.00	35.22 2.47 0.00	34.69 2.36 0.00	27.05 1.63 0.00	22.85 1.19 0.00	20.59 0.97 0.00
NYPA_VERNON____GT3 24163	16.15 0.88 0.00	17.85 0.91 0.00	15.67 0.73 0.00	18.35 0.84 0.00	18.92 0.83 0.00	22.38 1.01 0.00	23.39 1.16 0.00	30.28 1.84 0.00	21.85 1.49 0.00	21.55 1.51 0.00	21.15 1.58 0.00	20.64 1.58 0.00	19.69 1.56 0.00	20.68 1.69 0.00	22.19 1.79 0.00	22.77 1.90 0.00	26.51 2.30 0.00	29.35 2.37 0.00	34.11 2.54 0.00	35.22 2.47 0.00	34.69 2.36 0.00	27.05 1.63 0.00	22.85 1.19 0.00	20.59 0.97 0.00
NYPA__ASTORIA_CC1 323568	16.12 0.85 0.00	17.82 0.87 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.34 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.65 1.52 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.72 1.84 0.00	26.44 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.14 2.39 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.92 0.00
NYPA__ASTORIA_CC2 323569	16.12 0.85 0.00	17.82 0.87 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.34 1.11 0.00	30.22 1.77 0.00	21.79 1.43 0.00	21.50 1.46 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.65 1.52 0.00	20.63 1.64 0.00	22.13 1.73 0.00	22.72 1.84 0.00	26.44 2.22 0.00	29.27 2.29 0.00	34.02 2.45 0.00	35.14 2.39 0.00	34.61 2.28 0.00	26.99 1.57 0.00	22.80 1.14 0.00	20.54 0.92 0.00
NYPA__HOLTSVILL 23794	16.41 1.14 0.00	18.15 1.20 0.00	15.87 0.93 0.00	18.62 1.11 0.00	19.22 1.13 0.00	22.82 1.45 0.00	26.54 1.48 -2.82	30.86 2.15 -0.26	29.49 1.70 -7.43	23.73 1.76 -1.94	32.77 1.98 -11.23	22.94 1.95 -1.94	23.21 1.91 -3.16	21.04 1.99 -0.05	22.36 1.96 0.00	23.76 2.16 -0.73	27.21 2.58 -0.41	28.93 2.35 0.40	33.96 2.39 0.00	35.12 2.38 0.00	60.68 2.47 -25.89	28.26 1.87 -0.97	26.45 1.43 -3.37	21.30 1.28 -0.40
NYPA____HELLGATE_GT1 24158	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.30 0.80 0.00	18.87 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.25 1.80 0.00	21.81 1.46 0.00	21.49 1.46 0.00	21.10 1.53 0.00	20.57 1.51 0.00	19.67 1.54 0.00	20.60 1.61 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.17 0.00	29.20 2.22 0.00	33.93 2.36 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.93 1.51 0.00	22.80 1.15 0.00	20.55 0.93 0.00
NYPA____HELLGATE_GT2 24159	16.10 0.83 0.00	17.81 0.86 0.00	15.63 0.69 0.00	18.30 0.80 0.00	18.87 0.79 0.00	22.34 0.97 0.00	23.38 1.14 0.00	30.25 1.80 0.00	21.81 1.46 0.00	21.49 1.46 0.00	21.10 1.53 0.00	20.57 1.51 0.00	19.67 1.54 0.00	20.60 1.61 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.17 0.00	29.20 2.22 0.00	33.93 2.36 0.00	35.08 2.33 0.00	34.56 2.23 0.00	26.93 1.51 0.00	22.80 1.15 0.00	20.55 0.93 0.00
NYS_BARGE__HYD 23848	15.07 -0.20 0.00	16.74 -0.20 0.00	14.97 0.03 0.00	17.25 -0.26 0.00	17.81 -0.28 0.00	21.21 -0.16 0.00	21.79 -0.45 0.00	27.68 -0.77 0.00	20.01 -0.34 0.00	19.86 -0.17 0.00	19.32 -0.25 0.00	18.68 -0.38 0.00	17.60 -0.53 0.00	18.41 -0.59 0.00	20.10 -0.30 0.00	20.51 -0.36 0.00	23.63 -0.58 0.00	26.28 -0.70 0.00	30.86 -0.71 0.00	32.02 -0.73 0.00	31.64 -0.69 0.00	24.93 -0.49 0.00	21.46 -0.20 0.00	19.58 -0.05 0.00
OAK ORCHARD__HYD 24046	15.18 -0.09 0.00	16.86 -0.08 0.00	14.99 0.05 0.00	17.37 -0.14 0.00	17.93 -0.15 0.00	21.31 -0.06 0.00	22.01 -0.23 0.00	28.04 -0.41 0.00	20.16 -0.20 0.00	19.96 -0.08 0.00	19.43 -0.13 0.00	18.85 -0.20 0.00	17.83 -0.30 0.00	18.67 -0.32 0.00	20.28 -0.13 0.00	20.69 -0.18 0.00	23.92 -0.29 0.00	26.66 -0.32 0.00	31.30 -0.27 0.00	32.55 -0.20 0.00	32.18 -0.15 0.00	25.28 -0.14 0.00	21.59 -0.07 0.00	19.63 0.00 0.00
OAKDALE__35_KV_LOAD 356122	15.42 0.15 0.00	17.10 0.16 0.00	15.09 0.16 0.00	17.68 0.17 0.00	18.23 0.15 0.00	21.57 0.20 0.00	22.44 0.20 0.00	28.84 0.39 0.00	20.67 0.32 0.00	20.42 0.39 0.00	19.91 0.33 0.00	19.38 0.32 0.00	18.36 0.23 0.00	19.29 0.29 0.00	20.74 0.34 0.00	21.24 0.37 0.00	24.73 0.52 0.00	27.45 0.47 0.00	32.12 0.54 0.00	33.33 0.58 0.00	32.91 0.58 0.00	25.75 0.33 0.00	21.88 0.22 0.00	19.85 0.23 0.00

OCC_CHEM___DRP 24175	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.21 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.05 -1.40 0.00	19.52 -0.83 0.00	19.40 -0.64 0.00	18.93 -0.63 0.00	18.39 -0.67 0.00	17.37 -0.76 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.24 -0.63 0.00	23.30 -0.91 0.00	25.89 -1.09 0.00	30.35 -1.23 0.00	31.46 -1.28 0.00	30.98 -1.35 0.00	24.34 -1.08 0.00	20.95 -0.71 0.00	19.26 -0.36 0.00
OH_GEN_PROXY 24063	14.92 -0.35 0.00	16.59 -0.35 0.00	14.81 -0.13 0.00	17.11 -0.40 0.00	17.65 -0.44 0.00	20.97 -0.40 0.00	21.55 -0.68 0.00	27.39 -1.06 0.00	19.79 -0.56 0.00	19.67 -0.37 0.00	19.14 -0.42 0.00	18.57 -0.49 0.00	17.53 -0.60 0.00	18.34 -0.66 0.00	20.02 -0.39 0.00	20.41 -0.46 0.00	23.53 -0.69 0.00	26.14 -0.84 0.00	30.62 -0.95 0.00	31.76 -0.98 0.00	31.37 -0.96 0.00	24.67 -0.75 0.00	21.20 -0.45 0.00	19.36 -0.26 0.00
OLIN_CORP_DRP 24177	14.87 -0.40 0.00	16.53 -0.42 0.00	14.78 -0.15 0.00	17.03 -0.47 0.00	17.58 -0.51 0.00	20.91 -0.46 0.00	21.47 -0.76 0.00	27.26 -1.18 0.00	19.73 -0.63 0.00	19.60 -0.44 0.00	19.06 -0.51 0.00	18.42 -0.64 0.00	17.35 -0.78 0.00	18.14 -0.86 0.00	19.81 -0.59 0.00	20.23 -0.64 0.00	23.29 -0.92 0.00	25.89 -1.09 0.00	30.37 -1.21 0.00	31.48 -1.26 0.00	31.06 -1.27 0.00	24.51 -0.91 0.00	21.14 -0.52 0.00	19.34 -0.29 0.00
OLIN_CORP_DSASP 323712	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.22 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.04 -1.40 0.00	19.53 -0.83 0.00	19.40 -0.64 0.00	18.94 -0.63 0.00	18.39 -0.67 0.00	17.36 -0.77 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.25 -0.63 0.00	23.30 -0.92 0.00	25.88 -1.09 0.00	30.35 -1.22 0.00	31.44 -1.31 0.00	30.98 -1.35 0.00	24.33 -1.09 0.00	20.95 -0.70 0.00	19.23 -0.39 0.00
ONEIDA_HERK_LFGE 323681	15.29 0.02 0.00	16.87 -0.07 0.00	14.84 -0.10 0.00	17.41 -0.10 0.00	18.12 0.03 0.00	21.65 0.28 0.00	22.64 0.41 0.00	28.84 0.39 0.00	20.34 -0.01 0.00	19.99 -0.05 0.00	19.57 0.01 0.00	19.12 0.06 0.00	18.25 0.12 0.00	19.13 0.13 0.00	20.55 0.14 0.00	21.01 0.14 0.00	24.41 0.20 0.00	27.32 0.34 0.00	32.21 0.63 0.00	33.63 0.88 0.00	33.36 1.04 0.00	26.22 0.80 0.00	22.26 0.60 0.00	20.11 0.49 0.00
ONEIDA___115KV_TB4 55905	15.56 0.29 0.00	17.22 0.27 0.00	15.17 0.24 0.00	17.78 0.27 0.00	18.41 0.32 0.00	21.84 0.47 0.00	22.80 0.56 0.00	29.12 0.67 0.00	20.66 0.31 0.00	20.30 0.27 0.00	19.81 0.24 0.00	19.29 0.23 0.00	18.33 0.20 0.00	19.22 0.23 0.00	20.66 0.26 0.00	21.14 0.27 0.00	24.58 0.37 0.00	27.48 0.50 0.00	32.34 0.77 0.00	33.75 1.00 0.00	33.46 1.13 0.00	26.28 0.86 0.00	22.30 0.65 0.00	20.18 0.55 0.00
ONONDAGA_REF_OCCRA 23987	15.32 0.04 0.00	16.98 0.03 0.00	14.97 0.03 0.00	17.52 0.02 0.00	18.10 0.01 0.00	21.41 0.04 0.00	22.27 0.04 0.00	28.53 0.08 0.00	20.37 0.02 0.00	20.05 0.01 0.00	19.55 -0.01 0.00	19.04 -0.02 0.00	18.09 -0.04 0.00	18.96 -0.03 0.00	20.38 -0.02 0.00	20.83 -0.04 0.00	24.18 -0.03 0.00	26.96 -0.02 0.00	31.65 0.08 0.00	32.90 0.16 0.00	32.52 0.19 0.00	25.53 0.11 0.00	21.70 0.04 0.00	19.68 0.06 0.00
ONONDAGA___COGEN 23986	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.78 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00
ONTARIO___LFGE 23819	15.32 0.05 0.00	16.99 0.04 0.00	15.05 0.11 0.00	17.56 0.06 0.00	18.15 0.06 0.00	21.55 0.18 0.00	22.43 0.19 0.00	28.69 0.24 0.00	20.52 0.17 0.00	20.22 0.18 0.00	19.67 0.10 0.00	19.09 0.03 0.00	18.03 -0.10 0.00	18.94 -0.06 0.00	20.46 0.06 0.00	20.94 0.07 0.00	24.36 0.15 0.00	27.08 0.10 0.00	31.88 0.30 0.00	33.18 0.44 0.00	32.81 0.48 0.00	25.76 0.34 0.00	21.90 0.24 0.00	19.84 0.22 0.00
ORANGEVILLE_WT_PWR 323706	15.01 -0.26 0.00	16.72 -0.23 0.00	14.92 -0.02 0.00	17.34 -0.16 0.00	17.94 -0.15 0.00	21.34 -0.03 0.00	22.07 -0.17 0.00	28.17 -0.28 0.00	20.32 -0.03 0.00	20.14 0.10 0.00	19.61 0.05 0.00	18.95 -0.11 0.00	17.78 -0.36 0.00	18.68 -0.31 0.00	20.43 0.02 0.00	20.92 0.04 0.00	24.24 0.03 0.00	26.91 -0.07 0.00	31.56 -0.01 0.00	32.81 0.06 0.00	32.41 0.08 0.00	25.38 -0.04 0.00	21.72 0.06 0.00	19.71 0.09 0.00
ORANGEVILLE___ESR 323794	15.01 -0.26 0.00	16.72 -0.23 0.00	14.92 -0.02 0.00	17.34 -0.16 0.00	17.94 -0.15 0.00	21.34 -0.03 0.00	22.07 -0.17 0.00	28.17 -0.28 0.00	20.32 -0.03 0.00	20.14 0.10 0.00	19.61 0.05 0.00	18.95 -0.11 0.00	17.78 -0.36 0.00	18.68 -0.31 0.00	20.43 0.02 0.00	20.92 0.04 0.00	24.24 0.03 0.00	26.91 -0.07 0.00	31.56 -0.01 0.00	32.81 0.06 0.00	32.41 0.08 0.00	25.38 -0.04 0.00	21.72 0.06 0.00	19.71 0.09 0.00
OSWEGATCHIE___HYD 24044	14.69 -0.58 0.00	16.21 -0.73 0.00	14.24 -0.70 0.00	16.78 -0.73 0.00	17.63 -0.46 0.00	21.24 -0.13 0.00	22.29 0.06 0.00	28.22 -0.23 0.00	19.76 -0.59 0.00	19.44 -0.59 0.00	19.08 -0.49 0.00	18.70 -0.36 0.00	17.89 -0.25 0.00	18.71 -0.29 0.00	20.10 -0.30 0.00	20.58 -0.29 0.00	23.84 -0.37 0.00	26.76 -0.22 0.00	31.55 -0.02 0.00	32.97 0.23 0.00	32.79 0.46 0.00	25.83 0.41 0.00	22.00 0.34 0.00	19.79 0.17 0.00
OSWEGO___5 23606	15.02 -0.26 0.00	16.66 -0.29 0.00	14.69 -0.24 0.00	17.20 -0.31 0.00	17.77 -0.32 0.00	21.00 -0.37 0.00	21.82 -0.42 0.00	27.92 -0.52 0.00	19.98 -0.37 0.00	19.67 -0.36 0.00	19.20 -0.36 0.00	18.70 -0.36 0.00	17.77 -0.36 0.00	18.63 -0.37 0.00	20.00 -0.40 0.00	20.45 -0.43 0.00	23.70 -0.51 0.00	26.41 -0.57 0.00	30.96 -0.62 0.00	32.14 -0.60 0.00	31.75 -0.58 0.00	24.94 -0.47 0.00	21.23 -0.42 0.00	19.28 -0.34 0.00
OSWEGO___6 23613	15.02 -0.26 0.00	16.66 -0.29 0.00	14.69 -0.24 0.00	17.20 -0.31 0.00	17.77 -0.32 0.00	21.00 -0.37 0.00	21.82 -0.42 0.00	27.92 -0.52 0.00	19.98 -0.37 0.00	19.67 -0.36 0.00	19.20 -0.36 0.00	18.70 -0.36 0.00	17.77 -0.36 0.00	18.63 -0.37 0.00	20.00 -0.40 0.00	20.45 -0.43 0.00	23.70 -0.51 0.00	26.41 -0.57 0.00	30.96 -0.62 0.00	32.14 -0.60 0.00	31.75 -0.58 0.00	24.94 -0.47 0.00	21.23 -0.42 0.00	19.28 -0.34 0.00
OUTOKUMPU-AB___DRP 24206	15.17 -0.10 0.00	16.85 -0.09 0.00	15.06 0.12 0.00	17.37 -0.13 0.00	17.94 -0.15 0.00	21.35 -0.02 0.00	21.96 -0.28 0.00	27.88 -0.57 0.00	20.13 -0.22 0.00	20.00 -0.03 0.00	19.49 -0.08 0.00	18.90 -0.16 0.00	17.82 -0.31 0.00	18.65 -0.34 0.00	20.37 -0.03 0.00	20.78 -0.09 0.00	23.98 -0.23 0.00	26.64 -0.34 0.00	31.25 -0.33 0.00	32.43 -0.31 0.00	31.99 -0.35 0.00	25.14 -0.29 0.00	21.59 -0.07 0.00	19.74 0.12 0.00

OXBOW___BTM 323836	14.99 -0.28 0.00	16.66 -0.29 0.00	14.90 -0.04 0.00	17.17 -0.34 0.00	17.72 -0.37 0.00	21.09 -0.28 0.00	21.67 -0.57 0.00	27.47 -0.97 0.00	19.85 -0.51 0.00	19.71 -0.32 0.00	19.22 -0.34 0.00	18.66 -0.40 0.00	17.60 -0.53 0.00	18.41 -0.58 0.00	20.11 -0.29 0.00	20.53 -0.34 0.00	23.65 -0.56 0.00	26.28 -0.70 0.00	30.82 -0.75 0.00	31.94 -0.80 0.00	31.51 -0.82 0.00	24.75 -0.66 0.00	21.29 -0.37 0.00	19.48 -0.14 0.00
OXBOW____ 24026	14.99 -0.28 0.00	16.66 -0.29 0.00	14.90 -0.04 0.00	17.17 -0.34 0.00	17.72 -0.37 0.00	21.09 -0.28 0.00	21.67 -0.57 0.00	27.47 -0.98 0.00	19.84 -0.51 0.00	19.71 -0.32 0.00	19.22 -0.34 0.00	18.66 -0.40 0.00	17.60 -0.53 0.00	18.41 -0.58 0.00	20.11 -0.29 0.00	20.52 -0.35 0.00	23.65 -0.56 0.00	26.29 -0.69 0.00	30.82 -0.75 0.00	31.97 -0.78 0.00	31.51 -0.82 0.00	24.75 -0.67 0.00	21.28 -0.37 0.00	19.51 -0.12 0.00
OXY_CHEM_DSASP 323612	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.21 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.05 -1.40 0.00	19.52 -0.83 0.00	19.40 -0.64 0.00	18.93 -0.63 0.00	18.39 -0.67 0.00	17.37 -0.76 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.24 -0.63 0.00	23.30 -0.91 0.00	25.89 -1.09 0.00	30.35 -1.23 0.00	31.46 -1.28 0.00	30.98 -1.35 0.00	24.34 -1.08 0.00	20.95 -0.71 0.00	19.26 -0.36 0.00
OZONE_PARK_ESR 323760	16.27 0.99 0.00	17.98 1.03 0.00	15.77 0.84 0.00	18.48 0.97 0.00	19.04 0.96 0.00	22.53 1.16 0.00	23.57 1.34 0.00	30.52 2.07 0.00	22.02 1.67 0.00	21.72 1.68 0.00	21.33 1.77 0.00	20.80 1.74 0.00	19.81 1.67 0.00	20.84 1.85 0.00	22.36 1.96 0.00	22.95 2.08 0.00	26.71 2.50 0.00	29.59 2.62 0.00	34.44 2.87 0.00	35.52 2.78 0.00	35.01 2.68 0.00	27.30 1.88 0.00	23.04 1.38 0.00	20.75 1.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.21 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.05 -1.40 0.00	19.52 -0.83 0.00	19.40 -0.64 0.00	18.93 -0.63 0.00	18.39 -0.67 0.00	17.37 -0.76 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.24 -0.63 0.00	23.30 -0.91 0.00	25.89 -1.09 0.00	30.35 -1.23 0.00	31.46 -1.28 0.00	30.98 -1.35 0.00	24.34 -1.08 0.00	20.95 -0.71 0.00	19.26 -0.36 0.00
PACKARD__115KV_DUPONT_184 80571	14.80 -0.47 0.00	16.45 -0.49 0.00	14.72 -0.21 0.00	16.96 -0.54 0.00	17.50 -0.59 0.00	20.82 -0.55 0.00	21.37 -0.87 0.00	27.05 -1.40 0.00	19.52 -0.83 0.00	19.40 -0.64 0.00	18.93 -0.63 0.00	18.39 -0.67 0.00	17.37 -0.76 0.00	18.15 -0.84 0.00	19.83 -0.57 0.00	20.24 -0.63 0.00	23.30 -0.91 0.00	25.89 -1.09 0.00	30.35 -1.23 0.00	31.46 -1.28 0.00	30.98 -1.35 0.00	24.34 -1.08 0.00	20.95 -0.71 0.00	19.26 -0.36 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.10 0.83 0.00	17.80 0.86 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.87 0.78 0.00	22.33 0.96 0.00	23.36 1.13 0.00	30.23 1.79 0.00	21.80 1.44 0.00	21.48 1.44 0.00	21.09 1.52 0.00	20.56 1.50 0.00	19.59 1.46 0.00	20.58 1.59 0.00	22.07 1.67 0.00	22.64 1.77 0.00	26.35 2.14 0.00	29.17 2.19 0.00	33.91 2.34 0.00	35.09 2.34 0.00	34.58 2.25 0.00	26.96 1.54 0.00	22.81 1.15 0.00	20.55 0.93 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.15 0.87 0.00	17.87 0.93 0.00	15.69 0.75 0.00	18.39 0.88 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.50 1.26 0.00	30.41 1.96 0.00	21.91 1.56 0.00	21.57 1.53 0.00	21.16 1.60 0.00	20.62 1.56 0.00	19.64 1.51 0.00	20.65 1.65 0.00	22.09 1.69 0.00	22.70 1.82 0.00	26.42 2.21 0.00	29.27 2.29 0.00	34.03 2.46 0.00	35.20 2.45 0.00	34.71 2.38 0.00	27.06 1.64 0.00	22.90 1.24 0.00	20.64 1.02 0.00
PATROON__115KV_TB1 80586	15.61 0.34 0.00	17.27 0.33 0.00	15.24 0.30 0.00	17.79 0.28 0.00	18.35 0.26 0.00	21.51 0.13 0.00	22.39 0.15 0.00	28.81 0.36 0.00	20.62 0.27 0.00	20.24 0.21 0.00	19.77 0.20 0.00	19.26 0.20 0.00	18.34 0.21 0.00	19.21 0.22 0.00	20.64 0.24 0.00	21.14 0.27 0.00	24.56 0.35 0.00	27.37 0.39 0.00	32.05 0.48 0.00	33.19 0.45 0.00	32.69 0.36 0.00	25.70 0.28 0.00	21.83 0.17 0.00	19.73 0.11 0.00
PATTRSNVILLE__SOLAR 323815	15.84 0.57 0.00	17.57 0.63 0.00	15.47 0.53 0.00	18.12 0.62 0.00	18.72 0.63 0.00	22.12 0.75 0.00	23.04 0.81 0.00	29.56 1.12 0.00	20.98 0.63 0.00	20.56 0.52 0.00	20.01 0.44 0.00	19.53 0.47 0.00	18.60 0.47 0.00	19.46 0.47 0.00	20.87 0.47 0.00	21.38 0.51 0.00	24.84 0.63 0.00	27.78 0.80 0.00	32.73 1.16 0.00	34.11 1.36 0.00	33.70 1.38 0.00	26.47 1.05 0.00	22.44 0.79 0.00	20.31 0.69 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.51 0.24 0.00	17.23 0.29 0.00	15.36 0.42 0.00	17.80 0.30 0.00	18.36 0.27 0.00	21.83 0.46 0.00	22.50 0.27 0.00	28.69 0.24 0.00	20.72 0.36 0.00	20.59 0.56 0.00	20.04 0.47 0.00	19.44 0.38 0.00	18.32 0.19 0.00	19.21 0.21 0.00	20.93 0.53 0.00	21.37 0.50 0.00	24.72 0.51 0.00	27.44 0.46 0.00	32.12 0.55 0.00	33.37 0.62 0.00	32.96 0.63 0.00	25.86 0.44 0.00	22.16 0.50 0.00	20.20 0.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.24 0.96 0.00	17.96 1.01 0.00	15.77 0.83 0.00	18.47 0.96 0.00	19.04 0.96 0.00	22.54 1.16 0.00	23.55 1.32 0.00	30.44 1.99 0.00	21.89 1.54 0.00	21.53 1.49 0.00	21.10 1.53 0.00	20.56 1.50 0.00	19.56 1.43 0.00	20.57 1.58 0.00	22.08 1.68 0.00	22.67 1.79 0.00	26.41 2.20 0.00	29.33 2.35 0.00	34.26 2.69 0.00	35.40 2.65 0.00	34.87 2.55 0.00	27.24 1.82 0.00	22.98 1.32 0.00	20.70 1.07 0.00
PEEKSKILL____ 23653	16.09 0.81 0.00	17.79 0.85 0.00	15.63 0.69 0.00	18.30 0.79 0.00	18.86 0.77 0.00	22.32 0.95 0.00	23.30 1.06 0.00	30.11 1.66 0.00	21.69 1.33 0.00	21.36 1.33 0.00	20.97 1.40 0.00	20.44 1.38 0.00	19.47 1.34 0.00	20.46 1.47 0.00	21.94 1.54 0.00	22.51 1.64 0.00	26.20 1.99 0.00	29.04 2.06 0.00	33.84 2.27 0.00	34.95 2.20 0.00	34.43 2.10 0.00	26.89 1.47 0.00	22.71 1.06 0.00	20.49 0.87 0.00
PGE MADISON__WINDPWR 24146	15.87 0.60 0.00	17.53 0.58 0.00	15.55 0.61 0.00	18.25 0.74 0.00	19.03 0.94 0.00	22.55 1.18 0.00	23.69 1.46 0.00	30.56 2.11 0.00	21.56 1.21 0.00	21.08 1.05 0.00	20.22 0.65 0.00	19.46 0.40 0.00	18.36 0.22 0.00	19.14 0.15 0.00	20.79 0.39 0.00	21.30 0.42 0.00	24.89 0.68 0.00	28.27 1.30 0.00	33.58 2.01 0.00	35.43 2.68 0.00	35.19 2.87 0.00	27.45 2.04 0.00	23.29 1.64 0.00	21.02 1.40 0.00
PIERCEFIELD__HYD 23852	14.63 -0.64 0.00	16.22 -0.72 0.00	14.28 -0.66 0.00	16.86 -0.64 0.00	17.70 -0.38 0.00	21.18 -0.19 0.00	22.24 0.00 0.00	28.16 -0.29 0.00	19.93 -0.42 0.00	19.69 -0.35 0.00	19.23 -0.34 0.00	18.80 -0.26 0.00	17.92 -0.21 0.00	18.73 -0.26 0.00	20.14 -0.26 0.00	20.63 -0.24 0.00	23.88 -0.33 0.00	26.77 -0.21 0.00	31.39 -0.19 0.00	32.63 -0.12 0.00	32.32 0.00 0.00	25.47 0.05 0.00	21.78 0.13 0.00	19.54 -0.08 0.00

PINELAWN_CC_1 323563	16.33 1.06 0.00	18.07 1.12 0.00	15.81 0.87 0.00	18.53 1.03 0.00	19.13 1.04 0.00	22.71 1.34 0.00	23.79 1.41 -0.15	30.54 2.07 -0.01	22.41 1.67 -0.38	21.85 1.71 -0.10	30.93 1.89 -9.47	23.09 1.84 -2.19	23.29 1.78 -3.38	20.96 1.86 -0.11	22.22 1.82 0.00	24.42 2.01 -1.53	27.55 2.46 -0.87	29.29 2.31 0.00	33.96 2.38 0.00	35.10 2.35 0.00	36.10 2.43 -1.35	27.27 1.80 -0.05	23.19 1.36 -0.18	20.81 1.17 -0.02
PJM_GEN_HTP_PROXY 323702	16.14 0.87 0.00	17.85 0.90 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.90 0.81 0.00	22.36 0.99 0.00	23.38 1.14 0.00	30.24 1.80 0.00	21.82 1.46 0.00	21.53 1.49 0.00	21.13 1.57 0.00	20.62 1.56 0.00	19.66 1.53 0.00	20.68 1.69 0.00	22.18 1.78 0.00	22.77 1.90 0.00	26.49 2.28 0.00	29.34 2.37 0.00	34.14 2.57 0.00	35.22 2.47 0.00	34.68 2.36 0.00	27.03 1.62 0.00	22.82 1.16 0.00	20.58 0.95 0.00
PJM_GEN_KEystone 24065	11.73 0.33 3.87	17.28 0.34 0.00	15.25 0.31 0.00	17.83 0.32 0.00	18.38 0.29 0.00	21.79 0.41 0.00	22.63 0.39 0.00	29.10 0.65 0.00	20.94 0.59 0.00	21.45 0.68 -0.72	20.31 0.74 0.00	19.79 0.73 0.00	18.76 0.63 0.00	19.71 0.72 0.00	21.24 0.84 0.00	21.77 0.90 0.00	25.30 1.09 0.00	27.99 1.01 0.00	32.62 1.04 0.00	33.73 0.98 0.00	33.27 0.94 0.00	26.00 0.58 0.00	22.09 0.43 0.00	20.01 0.39 0.00
PJM_GEN_NEPTUNE_PROXY 323594	16.14 0.86 0.00	17.84 0.90 0.00	15.62 0.68 0.00	18.32 0.81 0.00	18.90 0.81 0.00	22.41 1.04 0.00	23.34 1.10 0.00	30.13 1.68 0.00	21.73 1.38 0.00	21.46 1.42 0.00	27.54 1.59 -6.38	20.66 1.58 -0.03	20.27 1.54 -0.60	20.60 1.62 0.02	22.03 1.62 0.00	22.47 1.82 0.22	26.30 2.22 0.13	28.41 2.11 0.68	33.69 2.12 0.01	34.79 2.05 0.01	34.38 2.05 0.00	26.91 1.50 0.00	22.75 1.10 0.00	20.55 0.93 0.00
PJM_GEN_VFT_PROXY 323633	16.06 0.79 0.00	17.76 0.81 0.00	15.58 0.64 0.00	18.26 0.75 0.00	18.82 0.73 0.00	22.27 0.89 0.00	23.27 1.04 0.00	30.11 1.66 0.00	21.71 1.36 0.00	21.41 1.37 0.00	21.04 1.47 0.00	20.53 1.45 0.00	19.58 1.45 0.00	20.59 1.60 0.00	22.10 1.70 0.00	22.68 1.80 0.00	26.39 2.18 0.00	29.24 2.26 0.00	33.99 2.42 0.00	35.06 2.32 0.00	34.53 2.21 0.00	26.92 1.50 0.00	22.72 1.07 0.00	20.48 0.86 0.00
PLATSBRG_115KV_PMLD1 355749	15.19 -0.08 0.00	16.94 0.00 0.00	14.77 -0.17 0.00	18.06 0.56 0.00	18.87 0.78 0.00	22.28 0.91 0.00	23.27 1.04 0.00	29.03 0.58 0.00	20.64 0.29 0.00	20.35 0.31 0.00	19.75 0.18 0.00	19.36 0.30 0.00	18.36 0.22 0.00	19.27 0.28 0.00	20.61 0.20 0.00	21.38 0.51 0.00	24.94 0.73 0.00	28.11 1.14 0.00	33.17 1.59 0.00	34.38 1.63 0.00	33.82 1.49 0.00	26.59 1.17 0.00	22.63 0.97 0.00	20.57 0.94 0.00
PLEASANTVLY___LBMP 24000	16.00 0.73 0.00	17.71 0.77 0.00	15.56 0.63 0.00	18.22 0.72 0.00	18.79 0.70 0.00	22.19 0.82 0.00	23.15 0.92 0.00	29.90 1.45 0.00	21.51 1.15 0.00	21.16 1.13 0.00	20.74 1.18 0.00	20.21 1.15 0.00	19.23 1.10 0.00	20.20 1.20 0.00	21.64 1.24 0.00	22.19 1.32 0.00	25.80 1.59 0.00	28.63 1.65 0.00	33.44 1.87 0.00	34.57 1.82 0.00	34.06 1.73 0.00	26.66 1.24 0.00	22.53 0.87 0.00	20.33 0.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.09 0.82 0.00	17.80 0.86 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.87 0.79 0.00	22.32 0.95 0.00	23.31 1.08 0.00	30.13 1.68 0.00	21.70 1.34 0.00	21.36 1.33 0.00	20.96 1.40 0.00	20.43 1.37 0.00	19.45 1.32 0.00	20.45 1.46 0.00	21.92 1.52 0.00	22.50 1.63 0.00	26.18 1.97 0.00	29.03 2.05 0.00	33.85 2.28 0.00	34.95 2.20 0.00	34.44 2.11 0.00	26.91 1.49 0.00	22.73 1.07 0.00	20.49 0.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.09 0.82 0.00	17.80 0.86 0.00	15.64 0.70 0.00	18.31 0.81 0.00	18.87 0.79 0.00	22.32 0.95 0.00	23.31 1.08 0.00	30.13 1.68 0.00	21.70 1.34 0.00	21.36 1.33 0.00	20.96 1.40 0.00	20.43 1.37 0.00	19.45 1.32 0.00	20.45 1.46 0.00	21.92 1.52 0.00	22.50 1.63 0.00	26.18 1.97 0.00	29.03 2.05 0.00	33.85 2.28 0.00	34.95 2.20 0.00	34.44 2.11 0.00	26.91 1.49 0.00	22.73 1.07 0.00	20.49 0.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.31 1.03 0.00	18.03 1.09 0.00	15.84 0.90 0.00	18.54 1.04 0.00	19.12 1.03 0.00	22.63 1.26 0.00	23.66 1.42 0.00	30.57 2.12 0.00	21.97 1.62 0.00	21.55 1.51 0.00	21.07 1.51 0.00	20.53 1.47 0.00	19.55 1.42 0.00	20.56 1.57 0.00	22.07 1.66 0.00	22.66 1.79 0.00	26.44 2.23 0.00	29.42 2.44 0.00	34.43 2.85 0.00	35.62 2.87 0.00	35.09 2.76 0.00	27.41 1.99 0.00	23.11 1.46 0.00	20.80 1.18 0.00
POLETTI____ 23519	16.11 0.83 0.00	17.81 0.86 0.00	15.63 0.70 0.00	18.32 0.81 0.00	18.88 0.79 0.00	22.32 0.95 0.00	23.32 1.09 0.00	30.19 1.74 0.00	21.78 1.43 0.00	21.49 1.45 0.00	21.10 1.53 0.00	20.58 1.52 0.00	19.61 1.48 0.00	20.64 1.64 0.00	22.14 1.74 0.00	22.72 1.84 0.00	26.43 2.22 0.00	29.28 2.30 0.00	34.05 2.47 0.00	35.13 2.38 0.00	34.60 2.27 0.00	26.98 1.56 0.00	22.78 1.12 0.00	20.54 0.92 0.00
POMONA___ESR 323819	16.03 0.76 0.00	17.73 0.79 0.00	15.57 0.64 0.00	18.25 0.74 0.00	18.82 0.73 0.00	22.28 0.91 0.00	23.25 1.01 0.00	30.02 1.57 0.00	21.61 1.25 0.00	21.27 1.23 0.00	20.91 1.34 0.00	20.40 1.34 0.00	19.44 1.31 0.00	20.42 1.43 0.00	21.92 1.52 0.00	22.50 1.63 0.00	26.20 1.99 0.00	29.03 2.05 0.00	33.83 2.25 0.00	34.90 2.16 0.00	34.38 2.05 0.00	26.86 1.44 0.00	22.67 1.02 0.00	20.43 0.82 0.00
PORT_JEFF_3 23555	16.40 1.12 0.00	18.13 1.19 0.00	15.86 0.92 0.00	18.60 1.09 0.00	19.20 1.11 0.00	22.81 1.43 0.00	26.46 1.45 -2.78	30.78 2.07 -0.26	29.31 1.65 -7.31	23.64 1.70 -1.91	32.73 1.96 -11.20	22.94 1.94 -1.94	23.20 1.90 -3.17	21.02 1.98 -0.06	22.34 1.93 0.00	23.74 2.13 -0.74	27.17 2.54 -0.42	28.82 2.24 0.39	33.84 2.27 0.00	34.99 2.25 0.00	60.16 2.35 -25.48	28.15 1.78 -0.96	26.34 1.37 -3.31	21.26 1.25 -0.39
PORT_JEFF_4 23616	16.40 1.12 0.00	18.13 1.19 0.00	15.86 0.92 0.00	18.60 1.09 0.00	19.20 1.11 0.00	22.81 1.43 0.00	26.46 1.45 -2.78	30.78 2.07 -0.26	29.31 1.65 -7.31	23.64 1.70 -1.91	32.73 1.96 -11.20	22.94 1.94 -1.94	23.20 1.90 -3.17	21.02 1.98 -0.06	22.34 1.93 0.00	23.74 2.13 -0.74	27.17 2.54 -0.42	28.82 2.24 0.39	33.84 2.27 0.00	34.99 2.25 0.00	60.16 2.35 -25.48	28.15 1.78 -0.96	26.34 1.37 -3.31	21.26 1.25 -0.39
PORT_JEFF_IC 23713	16.44 1.16 0.00	18.17 1.22 0.00	15.89 0.95 0.00	18.63 1.13 0.00	19.24 1.15 0.00	22.86 1.49 0.00	27.00 1.51 -3.24	30.92 2.17 -0.30	30.62 1.72 -8.55	24.04 1.78 -2.23	33.15 2.03 -11.56	23.09 2.00 -2.04	23.31 1.93 -3.26	21.07 2.02 -0.06	22.39 1.99 0.00	23.82 2.18 -0.77	27.25 2.60 -0.43	28.87 2.27 0.38	33.90 2.33 0.00	35.06 2.31 0.00	64.55 2.41 -29.82	28.36 1.82 -1.12	26.97 1.44 -3.88	21.38 1.30 -0.46

PPL PILGRIM_ST_GT1 24216	16.44 1.17 0.00	18.17 1.23 0.00	15.90 0.96 0.00	18.64 1.13 0.00	19.25 1.16 0.00	22.86 1.48 0.00	24.21 1.51 -0.47	30.71 2.22 -0.04	23.33 1.74 -1.24	22.17 1.81 -0.32	31.12 2.03 -9.53	22.77 2.01 -1.71	23.02 1.96 -2.94	21.10 2.04 -0.07	22.40 2.00 0.00	23.96 2.21 -0.88	27.37 2.66 -0.50	29.09 2.43 0.33	34.04 2.47 0.00	35.11 2.36 0.00	39.20 2.55 -4.32	27.53 1.95 -0.16	23.69 1.47 -0.56	21.01 1.32 -0.07
PPL PILGRIM_ST_GT2 24217	16.44 1.17 0.00	18.17 1.23 0.00	15.90 0.96 0.00	18.64 1.13 0.00	19.25 1.16 0.00	22.86 1.48 0.00	24.21 1.51 -0.47	30.71 2.22 -0.04	23.33 1.74 -1.24	22.17 1.81 -0.32	31.12 2.03 -9.53	22.77 2.01 -1.71	23.02 1.96 -2.94	21.10 2.04 -0.07	22.40 2.00 0.00	23.96 2.21 -0.88	27.37 2.66 -0.50	29.09 2.43 0.33	34.04 2.47 0.00	35.11 2.36 0.00	39.20 2.55 -4.32	27.53 1.95 -0.16	23.69 1.47 -0.56	21.01 1.32 -0.07
PPL_SHRM_GT3 24213	16.66 1.39 0.00	18.42 1.48 0.00	16.11 1.17 0.00	18.90 1.39 0.00	19.52 1.43 0.00	23.20 1.83 0.00	27.03 1.90 -2.90	31.42 2.70 -0.27	30.08 2.10 -7.63	24.17 2.14 -1.99	33.20 2.34 -11.29	23.31 2.28 -1.97	23.52 2.20 -3.19	21.31 2.27 -0.06	22.63 2.23 0.00	24.04 2.41 -0.76	27.55 2.91 -0.43	29.37 2.78 0.39	34.55 2.98 0.00	35.67 2.93 0.00	61.95 2.96 -26.66	28.67 2.25 -1.00	26.85 1.72 -3.47	21.56 1.53 -0.41
PPL_SHRM_GT4 24214	16.66 1.39 0.00	18.42 1.48 0.00	16.11 1.17 0.00	18.90 1.39 0.00	19.52 1.43 0.00	23.20 1.83 0.00	27.03 1.90 -2.90	31.42 2.70 -0.27	30.08 2.10 -7.63	24.17 2.14 -1.99	33.20 2.34 -11.29	23.31 2.28 -1.97	23.52 2.20 -3.19	21.31 2.27 -0.06	22.63 2.23 0.00	24.04 2.41 -0.76	27.55 2.91 -0.43	29.37 2.78 0.39	34.55 2.98 0.00	35.67 2.93 0.00	61.95 2.96 -26.66	28.67 2.25 -1.00	26.85 1.72 -3.47	21.56 1.53 -0.41
PROJECT___ORANGE 1 24174	15.22 -0.05 0.00	16.88 -0.07 0.00	14.89 -0.05 0.00	17.42 -0.08 0.00	17.99 -0.10 0.00	21.27 -0.09 0.00	22.12 -0.12 0.00	28.32 -0.13 0.00	20.26 -0.09 0.00	19.95 -0.08 0.00	19.47 -0.09 0.00	18.96 -0.10 0.00	18.01 -0.12 0.00	18.89 -0.11 0.00	20.29 -0.11 0.00	20.74 -0.13 0.00	24.06 -0.15 0.00	26.81 -0.17 0.00	31.44 -0.13 0.00	32.64 -0.10 0.00	32.25 -0.08 0.00	25.32 -0.10 0.00	21.52 -0.13 0.00	19.53 -0.09 0.00
PROJECT___ORANGE 2 24166	15.22 -0.05 0.00	16.88 -0.07 0.00	14.89 -0.05 0.00	17.42 -0.08 0.00	17.99 -0.10 0.00	21.27 -0.09 0.00	22.12 -0.12 0.00	28.32 -0.13 0.00	20.26 -0.09 0.00	19.95 -0.08 0.00	19.47 -0.09 0.00	18.96 -0.10 0.00	18.01 -0.12 0.00	18.89 -0.11 0.00	20.29 -0.11 0.00	20.74 -0.13 0.00	24.06 -0.15 0.00	26.81 -0.17 0.00	31.44 -0.13 0.00	32.64 -0.10 0.00	32.25 -0.08 0.00	25.32 -0.10 0.00	21.52 -0.13 0.00	19.53 -0.09 0.00
PUCKETT___SOLAR 323809	15.51 0.23 0.00	17.19 0.24 0.00	15.20 0.26 0.00	17.82 0.31 0.00	18.42 0.33 0.00	21.78 0.41 0.00	22.72 0.48 0.00	29.25 0.80 0.00	20.82 0.47 0.00	20.49 0.45 0.00	19.86 0.29 0.00	19.27 0.21 0.00	18.23 0.10 0.00	19.09 0.09 0.00	20.57 0.16 0.00	21.06 0.19 0.00	24.56 0.34 0.00	27.49 0.51 0.00	32.33 0.76 0.00	33.75 1.00 0.00	33.39 1.07 0.00	26.12 0.70 0.00	22.17 0.51 0.00	20.08 0.46 0.00
PYRITES___HYD 24023	15.01 -0.27 0.00	16.64 -0.31 0.00	14.66 -0.28 0.00	17.28 -0.23 0.00	18.08 -0.01 0.00	21.61 0.24 0.00	22.66 0.42 0.00	28.59 0.14 0.00	20.18 -0.17 0.00	19.97 -0.06 0.00	19.50 -0.07 0.00	19.09 0.04 0.00	18.15 0.02 0.00	18.98 -0.01 0.00	20.41 0.01 0.00	20.93 0.06 0.00	24.22 0.00 0.00	27.14 0.16 0.00	31.84 0.27 0.00	33.16 0.42 0.00	32.89 0.57 0.00	25.91 0.49 0.00	22.15 0.50 0.00	19.90 0.28 0.00
QUAKERRD_115KV_BK1 80622	14.83 -0.44 0.00	16.47 -0.48 0.00	14.62 -0.31 0.00	16.97 -0.53 0.00	17.53 -0.55 0.00	20.82 -0.55 0.00	21.53 -0.71 0.00	27.46 -0.99 0.00	19.72 -0.64 0.00	19.50 -0.54 0.00	18.98 -0.58 0.00	18.43 -0.63 0.00	17.44 -0.69 0.00	18.25 -0.74 0.00	19.79 -0.61 0.00	20.20 -0.67 0.00	23.38 -0.83 0.00	26.07 -0.90 0.00	30.62 -0.95 0.00	31.83 -0.92 0.00	31.44 -0.89 0.00	24.69 -0.72 0.00	21.06 -0.59 0.00	19.15 -0.47 0.00
QUENSRY_115KV_TB8 356137	15.91 0.64 0.00	17.59 0.64 0.00	15.44 0.51 0.00	18.15 0.64 0.00	18.75 0.66 0.00	21.94 0.57 0.00	23.03 0.79 0.00	29.70 1.25 0.00	21.09 0.74 0.00	20.60 0.56 0.00	19.98 0.41 0.00	19.45 0.39 0.00	18.49 0.36 0.00	19.37 0.38 0.00	20.79 0.39 0.00	21.36 0.49 0.00	24.85 0.64 0.00	27.96 0.98 0.00	33.01 1.44 0.00	34.34 1.60 0.00	33.73 1.41 0.00	26.53 1.11 0.00	22.34 0.68 0.00	20.16 0.54 0.00
RAMAPO___LBMP 323565	15.98 0.71 0.00	17.67 0.72 0.00	15.52 0.58 0.00	18.19 0.68 0.00	18.75 0.67 0.00	22.21 0.84 0.00	23.17 0.93 0.00	29.92 1.47 0.00	21.52 1.17 0.00	21.18 1.14 0.00	20.83 1.26 0.00	20.32 1.26 0.00	19.34 1.21 0.00	20.34 1.35 0.00	21.82 1.42 0.00	22.39 1.52 0.00	26.06 1.85 0.00	28.87 1.89 0.00	33.65 2.07 0.00	34.73 1.98 0.00	34.22 1.89 0.00	26.73 1.31 0.00	22.58 0.93 0.00	20.36 0.73 0.00
RANKINE____ 23646	15.29 0.02 0.00	17.01 0.06 0.00	15.17 0.23 0.00	17.55 0.04 0.00	18.12 0.03 0.00	21.55 0.18 0.00	22.19 -0.04 0.00	28.27 -0.18 0.00	20.41 0.06 0.00	20.29 0.25 0.00	19.75 0.18 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.92 -0.07 0.00	20.65 0.25 0.00	21.08 0.20 0.00	24.36 0.14 0.00	27.04 0.06 0.00	31.67 0.09 0.00	32.89 0.14 0.00	32.47 0.14 0.00	25.49 0.07 0.00	21.84 0.19 0.00	19.91 0.29 0.00
RAVENSWOOD_GT2_1 24244	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.36 1.13 0.00	30.22 1.78 0.00	21.80 1.45 0.00	21.50 1.46 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.64 0.00	22.14 1.74 0.00	22.72 1.84 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.15 2.41 0.00	34.63 2.30 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.56 0.94 0.00
RAVENSWOOD_GT2_2 24245	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.36 1.13 0.00	30.22 1.78 0.00	21.80 1.45 0.00	21.50 1.46 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.64 0.00	22.14 1.74 0.00	22.72 1.84 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.15 2.41 0.00	34.63 2.30 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.56 0.94 0.00
RAVENSWOOD_GT2_3 24246	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.62 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.08 2.50 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.01 1.59 0.00	22.82 1.16 0.00	20.57 0.94 0.00



RAVENSWOOD_GT2_4 24247	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.62 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.08 2.50 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.01 1.59 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT3_1 24248	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.62 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.16 2.41 0.00	34.63 2.30 0.00	27.01 1.59 0.00	22.82 1.16 0.00	20.56 0.94 0.00
RAVENSWOOD_GT3_2 24249	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.71 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.62 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.16 2.41 0.00	34.63 2.30 0.00	27.01 1.59 0.00	22.82 1.16 0.00	20.56 0.94 0.00
RAVENSWOOD_GT3_3 24250	16.15 0.88 0.00	17.85 0.91 0.00	15.67 0.73 0.00	18.36 0.85 0.00	18.92 0.83 0.00	22.39 1.01 0.00	23.39 1.16 0.00	30.27 1.82 0.00	21.83 1.48 0.00	21.53 1.49 0.00	21.14 1.58 0.00	20.62 1.56 0.00	19.65 1.52 0.00	20.67 1.68 0.00	22.18 1.78 0.00	22.76 1.89 0.00	26.49 2.28 0.00	29.34 2.36 0.00	34.13 2.55 0.00	35.22 2.47 0.00	34.69 2.36 0.00	27.06 1.64 0.00	22.85 1.19 0.00	20.59 0.97 0.00
RAVENSWOOD_GT3_4 24251	16.15 0.88 0.00	17.85 0.91 0.00	15.67 0.73 0.00	18.36 0.85 0.00	18.92 0.83 0.00	22.39 1.01 0.00	23.39 1.16 0.00	30.27 1.82 0.00	21.83 1.48 0.00	21.53 1.49 0.00	21.14 1.58 0.00	20.62 1.56 0.00	19.65 1.52 0.00	20.67 1.68 0.00	22.18 1.78 0.00	22.76 1.89 0.00	26.49 2.28 0.00	29.34 2.36 0.00	34.13 2.55 0.00	35.22 2.47 0.00	34.69 2.36 0.00	27.06 1.64 0.00	22.85 1.19 0.00	20.59 0.97 0.00
RAVENSWOOD_GT_1 23729	16.15 0.88 0.00	17.85 0.91 0.00	15.67 0.73 0.00	18.35 0.84 0.00	18.92 0.83 0.00	22.38 1.01 0.00	23.39 1.16 0.00	30.28 1.84 0.00	21.85 1.49 0.00	21.55 1.51 0.00	21.15 1.58 0.00	20.64 1.58 0.00	19.66 1.53 0.00	20.68 1.69 0.00	22.19 1.79 0.00	22.77 1.90 0.00	26.51 2.30 0.00	29.35 2.37 0.00	34.12 2.54 0.00	35.21 2.46 0.00	34.68 2.36 0.00	27.05 1.63 0.00	22.85 1.20 0.00	20.59 0.96 0.00
RAVENSWOOD_GT_10 24258	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.02 1.60 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_11 24259	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.02 1.60 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_4 24252	16.13 0.86 0.00	17.84 0.90 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.90 0.82 0.00	22.36 0.99 0.00	23.37 1.13 0.00	30.23 1.79 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.09 2.51 0.00	35.16 2.41 0.00	34.65 2.32 0.00	27.02 1.61 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_5 24254	16.13 0.86 0.00	17.84 0.90 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.90 0.82 0.00	22.36 0.99 0.00	23.37 1.13 0.00	30.23 1.79 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.09 2.51 0.00	35.16 2.41 0.00	34.65 2.32 0.00	27.02 1.61 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_6 24253	16.13 0.86 0.00	17.84 0.90 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.90 0.82 0.00	22.36 0.99 0.00	23.37 1.13 0.00	30.23 1.79 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.09 2.51 0.00	35.16 2.41 0.00	34.65 2.32 0.00	27.02 1.61 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_7 24255	16.13 0.86 0.00	17.84 0.90 0.00	15.66 0.72 0.00	18.34 0.83 0.00	18.90 0.82 0.00	22.36 0.99 0.00	23.37 1.13 0.00	30.23 1.79 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.09 2.51 0.00	35.16 2.41 0.00	34.65 2.32 0.00	27.02 1.61 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.02 1.60 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD_GT_9 24257	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.50 1.47 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.61 1.48 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.28 2.31 0.00	34.07 2.50 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.02 1.60 0.00	22.82 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD___1 23533	16.13 0.86 0.00	17.83 0.88 0.00	15.65 0.71 0.00	18.32 0.81 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.36 1.12 0.00	30.24 1.79 0.00	21.80 1.45 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.66 1.53 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.46 2.25 0.00	29.30 2.32 0.00	34.06 2.48 0.00	35.16 2.42 0.00	34.64 2.31 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.55 0.93 0.00

RAVENSWOOD___2 23534	16.13 0.86 0.00	17.83 0.88 0.00	15.65 0.71 0.00	18.32 0.81 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.36 1.12 0.00	30.24 1.79 0.00	21.80 1.45 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.66 1.53 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.46 2.25 0.00	29.30 2.32 0.00	34.06 2.48 0.00	35.16 2.42 0.00	34.64 2.31 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.55 0.93 0.00
RAVENSWOOD___3 23535	16.13 0.86 0.00	17.83 0.89 0.00	15.65 0.72 0.00	18.33 0.82 0.00	18.90 0.81 0.00	22.36 0.98 0.00	23.37 1.13 0.00	30.23 1.78 0.00	21.80 1.44 0.00	21.50 1.46 0.00	21.11 1.54 0.00	20.59 1.53 0.00	19.63 1.50 0.00	20.64 1.65 0.00	22.14 1.74 0.00	22.72 1.85 0.00	26.44 2.23 0.00	29.29 2.31 0.00	34.08 2.50 0.00	35.16 2.42 0.00	34.64 2.31 0.00	27.02 1.60 0.00	22.81 1.16 0.00	20.57 0.94 0.00
RAVENSWOOD___4 23820	16.13 0.86 0.00	17.83 0.88 0.00	15.65 0.71 0.00	18.32 0.81 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.36 1.12 0.00	30.24 1.79 0.00	21.80 1.45 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.66 1.53 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.46 2.25 0.00	29.30 2.32 0.00	34.06 2.48 0.00	35.16 2.42 0.00	34.64 2.31 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.55 0.93 0.00
RCPI_TRUST___DRP 24196	16.16 0.89 0.00	17.86 0.92 0.00	15.67 0.73 0.00	18.36 0.85 0.00	18.92 0.83 0.00	22.39 1.01 0.00	23.40 1.17 0.00	30.28 1.83 0.00	21.84 1.49 0.00	21.55 1.52 0.00	21.16 1.60 0.00	20.65 1.59 0.00	19.67 1.54 0.00	20.71 1.72 0.00	22.22 1.82 0.00	22.80 1.93 0.00	26.53 2.32 0.00	29.39 2.42 0.00	34.19 2.61 0.00	35.26 2.51 0.00	34.73 2.40 0.00	27.07 1.65 0.00	22.85 1.19 0.00	20.60 0.97 0.00
RED___ROCHESTER 323720	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.30 0.00	20.24 -0.12 0.00	20.04 0.01 0.00	19.51 -0.05 0.00	18.94 -0.12 0.00	17.91 -0.22 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.79 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.48 -0.09 0.00	32.72 -0.02 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.70 0.08 0.00
REGAN___SOLAR 323812	16.98 1.71 0.00	18.73 1.79 0.00	16.49 1.56 0.00	19.37 1.87 0.00	20.08 2.00 0.00	24.12 2.75 0.00	25.11 2.87 0.00	31.78 3.33 0.00	21.64 1.29 0.00	20.71 0.68 0.00	19.59 0.02 0.00	19.21 0.15 0.00	18.14 0.00 0.00	18.97 -0.02 0.00	20.49 0.09 0.00	21.01 0.14 0.00	24.62 0.41 0.00	28.49 1.51 0.00	34.64 3.06 0.00	37.38 4.64 0.00	37.21 4.88 0.00	29.10 3.68 0.00	24.59 2.93 0.00	22.27 2.65 0.00
RENSSELAER___COGEN 23796	15.55 0.28 0.00	17.22 0.28 0.00	15.20 0.26 0.00	17.75 0.24 0.00	18.30 0.21 0.00	21.45 0.08 0.00	22.32 0.08 0.00	28.72 0.27 0.00	20.56 0.21 0.00	20.17 0.14 0.00	19.69 0.12 0.00	19.17 0.11 0.00	18.26 0.12 0.00	19.13 0.13 0.00	20.53 0.13 0.00	21.03 0.16 0.00	24.42 0.21 0.00	27.18 0.20 0.00	31.86 0.28 0.00	33.01 0.26 0.00	32.53 0.20 0.00	25.59 0.17 0.00	21.74 0.08 0.00	19.67 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	16.64 1.37 0.00	18.25 1.31 0.00	16.01 1.08 0.00	18.87 1.36 0.00	19.55 1.46 0.00	22.68 1.30 0.00	23.96 1.73 0.00	31.04 2.59 0.00	22.03 1.67 0.00	21.34 1.30 0.00	20.55 0.98 0.00	19.98 0.92 0.00	18.96 0.83 0.00	19.86 0.87 0.00	21.30 0.90 0.00	21.96 1.09 0.00	25.55 1.34 0.00	29.14 2.16 0.00	34.61 3.03 0.00	36.16 3.42 0.00	35.29 2.96 0.00	27.70 2.28 0.00	23.08 1.43 0.00	20.85 1.23 0.00
REVERE_CPPR_DRP 24186	15.64 0.37 0.00	17.28 0.34 0.00	15.21 0.27 0.00	17.83 0.32 0.00	18.50 0.41 0.00	22.01 0.63 0.00	23.00 0.76 0.00	29.33 0.88 0.00	20.74 0.39 0.00	20.38 0.34 0.00	19.91 0.34 0.00	19.38 0.32 0.00	18.44 0.30 0.00	19.32 0.33 0.00	20.78 0.37 0.00	21.25 0.37 0.00	24.72 0.51 0.00	27.67 0.70 0.00	32.66 1.09 0.00	34.14 1.39 0.00	33.86 1.53 0.00	26.60 1.18 0.00	22.55 0.90 0.00	20.39 0.77 0.00
REYNOLDS_115KV_TB3 80639	15.64 0.37 0.00	17.34 0.39 0.00	15.28 0.34 0.00	17.87 0.36 0.00	18.42 0.33 0.00	21.59 0.22 0.00	22.48 0.24 0.00	28.94 0.49 0.00	20.72 0.37 0.00	20.34 0.30 0.00	19.84 0.28 0.00	19.32 0.25 0.00	18.40 0.27 0.00	19.26 0.26 0.00	20.66 0.26 0.00	21.16 0.29 0.00	24.57 0.36 0.00	27.34 0.36 0.00	32.05 0.48 0.00	33.19 0.44 0.00	32.69 0.36 0.00	25.75 0.34 0.00	21.86 0.20 0.00	19.79 0.16 0.00
RIVERBAY____ 323610	16.15 0.87 0.00	17.87 0.93 0.00	15.69 0.75 0.00	18.39 0.88 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.50 1.26 0.00	30.41 1.96 0.00	21.91 1.56 0.00	21.57 1.53 0.00	21.16 1.60 0.00	20.62 1.56 0.00	19.64 1.51 0.00	20.65 1.65 0.00	22.09 1.69 0.00	22.70 1.82 0.00	26.42 2.21 0.00	29.27 2.29 0.00	34.03 2.46 0.00	35.20 2.45 0.00	34.71 2.38 0.00	27.06 1.64 0.00	22.90 1.24 0.00	20.64 1.02 0.00
RIVERSDE_115KV_TB3 55908	15.58 0.31 0.00	17.24 0.30 0.00	15.21 0.27 0.00	17.77 0.26 0.00	18.32 0.23 0.00	21.47 0.10 0.00	22.34 0.11 0.00	28.76 0.31 0.00	20.59 0.23 0.00	20.21 0.17 0.00	19.73 0.16 0.00	19.21 0.15 0.00	18.30 0.16 0.00	19.16 0.17 0.00	20.57 0.17 0.00	21.07 0.20 0.00	24.46 0.25 0.00	27.21 0.23 0.00	31.90 0.32 0.00	33.04 0.29 0.00	32.55 0.22 0.00	25.61 0.19 0.00	21.76 0.10 0.00	19.68 0.06 0.00
ROARING___BROOK_WT_PWR 323790	14.81 -0.46 0.00	16.43 -0.52 0.00	14.53 -0.41 0.00	17.04 -0.46 0.00	17.75 -0.34 0.00	21.22 -0.15 0.00	22.10 -0.13 0.00	28.19 -0.26 0.00	20.01 -0.35 0.00	19.73 -0.31 0.00	19.30 -0.26 0.00	18.85 -0.21 0.00	18.00 -0.13 0.00	18.88 -0.11 0.00	20.33 -0.07 0.00	20.80 -0.07 0.00	24.13 -0.08 0.00	26.94 -0.04 0.00	31.52 -0.05 0.00	32.71 -0.03 0.00	32.31 -0.02 0.00	25.42 0.00 0.00	21.69 0.04 0.00	19.64 0.02 0.00
ROCHESRG_115KV_T4 355643	15.12 -0.16 0.00	16.79 -0.15 0.00	14.92 -0.02 0.00	17.30 -0.21 0.00	17.86 -0.22 0.00	21.22 -0.15 0.00	21.92 -0.32 0.00	27.92 -0.53 0.00	20.07 -0.28 0.00	19.88 -0.16 0.00	19.36 -0.21 0.00	18.79 -0.27 0.00	17.77 -0.36 0.00	18.60 -0.40 0.00	20.19 -0.21 0.00	20.61 -0.26 0.00	23.82 -0.39 0.00	26.55 -0.43 0.00	31.17 -0.41 0.00	32.40 -0.35 0.00	32.01 -0.31 0.00	25.15 -0.27 0.00	21.48 -0.18 0.00	19.55 -0.07 0.00
ROCHESTER_9_IC 23652	15.19 -0.08 0.00	16.87 -0.08 0.00	14.99 0.05 0.00	17.37 -0.13 0.00	17.94 -0.14 0.00	21.32 -0.05 0.00	22.03 -0.21 0.00	28.06 -0.39 0.00	20.17 -0.18 0.00	19.98 -0.06 0.00	19.45 -0.12 0.00	18.87 -0.19 0.00	17.86 -0.27 0.00	18.69 -0.30 0.00	20.30 -0.10 0.00	20.71 -0.16 0.00	23.94 -0.27 0.00	26.69 -0.28 0.00	31.34 -0.23 0.00	32.59 -0.15 0.00	32.20 -0.12 0.00	25.30 -0.11 0.00	21.60 -0.05 0.00	19.65 0.03 0.00

ROCKVIEW_13_KV_LD 356306	16.16 0.89 0.00	17.87 0.92 0.00	15.69 0.75 0.00	18.37 0.86 0.00	18.94 0.85 0.00	22.41 1.03 0.00	23.41 1.17 0.00	30.27 1.82 0.00	21.80 1.45 0.00	21.49 1.45 0.00	21.10 1.53 0.00	20.56 1.50 0.00	19.58 1.44 0.00	20.59 1.60 0.00	22.08 1.68 0.00	22.66 1.79 0.00	26.37 2.16 0.00	29.23 2.25 0.00	34.05 2.48 0.00	35.14 2.40 0.00	34.63 2.30 0.00	27.04 1.62 0.00	22.83 1.17 0.00	20.59 0.96 0.00
ROME____115KV_TB2 80656	15.64 0.37 0.00	17.28 0.34 0.00	15.21 0.27 0.00	17.83 0.32 0.00	18.50 0.41 0.00	22.01 0.63 0.00	23.00 0.76 0.00	29.33 0.88 0.00	20.74 0.39 0.00	20.38 0.34 0.00	19.91 0.34 0.00	19.38 0.32 0.00	18.44 0.30 0.00	19.32 0.33 0.00	20.78 0.37 0.00	21.25 0.37 0.00	24.72 0.51 0.00	27.67 0.70 0.00	32.66 1.09 0.00	34.14 1.39 0.00	33.86 1.53 0.00	26.60 1.18 0.00	22.55 0.90 0.00	20.39 0.77 0.00
ROSETON___1 23587	15.98 0.70 0.00	17.69 0.74 0.00	15.54 0.60 0.00	18.20 0.70 0.00	18.76 0.68 0.00	22.18 0.81 0.00	23.14 0.91 0.00	29.88 1.43 0.00	21.48 1.13 0.00	21.14 1.11 0.00	20.73 1.16 0.00	20.21 1.15 0.00	19.24 1.11 0.00	20.20 1.21 0.00	21.66 1.26 0.00	22.21 1.34 0.00	25.84 1.62 0.00	28.66 1.68 0.00	33.46 1.89 0.00	34.58 1.84 0.00	34.07 1.74 0.00	26.65 1.23 0.00	22.53 0.87 0.00	20.33 0.71 0.00
ROSETON___2 23588	15.98 0.70 0.00	17.69 0.74 0.00	15.54 0.60 0.00	18.20 0.70 0.00	18.76 0.68 0.00	22.18 0.81 0.00	23.14 0.91 0.00	29.88 1.43 0.00	21.48 1.13 0.00	21.14 1.11 0.00	20.73 1.16 0.00	20.21 1.15 0.00	19.24 1.11 0.00	20.20 1.21 0.00	21.66 1.26 0.00	22.21 1.34 0.00	25.84 1.62 0.00	28.66 1.68 0.00	33.46 1.89 0.00	34.58 1.84 0.00	34.07 1.74 0.00	26.65 1.23 0.00	22.53 0.87 0.00	20.33 0.71 0.00
ROTTDAM_115KV_TB3 80664	15.69 0.42 0.00	17.41 0.47 0.00	15.33 0.39 0.00	17.96 0.45 0.00	18.53 0.44 0.00	21.83 0.45 0.00	22.76 0.52 0.00	29.25 0.80 0.00	20.88 0.53 0.00	20.49 0.45 0.00	19.99 0.42 0.00	19.48 0.42 0.00	18.55 0.42 0.00	19.43 0.44 0.00	20.85 0.44 0.00	21.35 0.48 0.00	24.81 0.60 0.00	27.66 0.68 0.00	32.46 0.88 0.00	33.66 0.92 0.00	33.19 0.87 0.00	26.09 0.68 0.00	22.12 0.47 0.00	20.01 0.39 0.00
RUSSELL___1 23602	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.29 0.00	20.23 -0.12 0.00	20.04 0.01 0.00	19.51 -0.06 0.00	18.94 -0.12 0.00	17.92 -0.21 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.78 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.47 -0.10 0.00	32.74 -0.01 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.72 0.10 0.00
RUSSELL___2 23532	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.29 0.00	20.23 -0.12 0.00	20.04 0.01 0.00	19.51 -0.06 0.00	18.94 -0.12 0.00	17.92 -0.21 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.78 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.47 -0.10 0.00	32.74 -0.01 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.72 0.10 0.00
RUSSELL___3 23549	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.29 0.00	20.23 -0.12 0.00	20.04 0.01 0.00	19.51 -0.06 0.00	18.94 -0.12 0.00	17.92 -0.21 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.78 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.47 -0.10 0.00	32.74 -0.01 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.72 0.10 0.00
RUSSELL___4 23556	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.29 0.00	20.23 -0.12 0.00	20.04 0.01 0.00	19.51 -0.06 0.00	18.94 -0.12 0.00	17.92 -0.21 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.78 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.47 -0.10 0.00	32.74 -0.01 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.72 0.10 0.00
RUSSELL___STATION 23914	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.29 0.00	20.23 -0.12 0.00	20.04 0.01 0.00	19.51 -0.06 0.00	18.94 -0.12 0.00	17.92 -0.21 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.78 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.47 -0.10 0.00	32.74 -0.01 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.72 0.10 0.00
S SALMON___HYD 24043	14.96 -0.31 0.00	16.54 -0.40 0.00	14.57 -0.37 0.00	17.06 -0.45 0.00	17.71 -0.38 0.00	21.11 -0.26 0.00	21.99 -0.25 0.00	28.00 -0.45 0.00	19.77 -0.59 0.00	19.41 -0.63 0.00	19.07 -0.50 0.00	18.64 -0.42 0.00	17.78 -0.35 0.00	18.61 -0.38 0.00	19.95 -0.45 0.00	20.41 -0.47 0.00	23.62 -0.59 0.00	26.43 -0.55 0.00	31.13 -0.44 0.00	32.51 -0.23 0.00	32.33 0.00 0.00	25.47 0.05 0.00	21.63 -0.02 0.00	19.60 -0.02 0.00
S.PERRY__115KV_TB1 80734	15.44 0.17 0.00	17.13 0.18 0.00	15.24 0.30 0.00	17.72 0.22 0.00	18.36 0.27 0.00	21.89 0.52 0.00	22.72 0.48 0.00	28.87 0.42 0.00	20.57 0.22 0.00	20.28 0.24 0.00	19.76 0.20 0.00	19.09 0.03 0.00	17.97 -0.16 0.00	18.80 -0.19 0.00	20.47 0.07 0.00	20.95 0.07 0.00	24.31 0.10 0.00	27.12 0.14 0.00	31.90 0.32 0.00	33.62 0.87 0.00	33.52 1.20 0.00	26.27 0.85 0.00	22.34 0.68 0.00	20.25 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.12 -0.15 0.00	16.81 -0.13 0.00	15.01 0.07 0.00	17.34 -0.17 0.00	17.90 -0.19 0.00	21.28 -0.09 0.00	21.88 -0.35 0.00	27.83 -0.62 0.00	20.11 -0.24 0.00	19.99 -0.05 0.00	19.46 -0.11 0.00	18.86 -0.19 0.00	17.80 -0.33 0.00	18.64 -0.36 0.00	20.34 -0.06 0.00	20.76 -0.12 0.00	23.95 -0.26 0.00	26.61 -0.37 0.00	31.17 -0.41 0.00	32.35 -0.39 0.00	31.94 -0.39 0.00	25.10 -0.32 0.00	21.54 -0.12 0.00	19.68 0.05 0.00
SAWYER___23_KV_LOAD 55526	15.12 -0.15 0.00	16.81 -0.13 0.00	15.01 0.07 0.00	17.34 -0.17 0.00	17.90 -0.19 0.00	21.28 -0.09 0.00	21.88 -0.35 0.00	27.83 -0.62 0.00	20.11 -0.24 0.00	19.99 -0.05 0.00	19.46 -0.11 0.00	18.86 -0.19 0.00	17.80 -0.33 0.00	18.64 -0.36 0.00	20.34 -0.06 0.00	20.76 -0.12 0.00	23.95 -0.26 0.00	26.61 -0.37 0.00	31.17 -0.41 0.00	32.35 -0.39 0.00	31.94 -0.39 0.00	25.10 -0.32 0.00	21.54 -0.12 0.00	19.68 0.05 0.00
SELKIRK___I 23801	15.67 0.40 0.00	17.37 0.42 0.00	15.32 0.38 0.00	17.91 0.40 0.00	18.47 0.39 0.00	21.70 0.33 0.00	22.58 0.34 0.00	28.99 0.54 0.00	20.67 0.32 0.00	20.22 0.19 0.00	19.73 0.16 0.00	19.20 0.14 0.00	18.26 0.13 0.00	19.13 0.14 0.00	20.53 0.12 0.00	21.01 0.14 0.00	24.42 0.21 0.00	27.21 0.24 0.00	32.05 0.48 0.00	33.29 0.54 0.00	32.84 0.51 0.00	25.84 0.42 0.00	21.95 0.29 0.00	19.87 0.25 0.00

SELKIRK___II 23799	15.60 0.33 0.00	17.29 0.34 0.00	15.24 0.30 0.00	17.81 0.31 0.00	18.37 0.28 0.00	21.59 0.21 0.00	22.46 0.23 0.00	28.90 0.45 0.00	20.68 0.33 0.00	20.30 0.26 0.00	19.83 0.26 0.00	19.31 0.25 0.00	18.37 0.24 0.00	19.26 0.27 0.00	20.67 0.27 0.00	21.16 0.29 0.00	24.57 0.36 0.00	27.34 0.36 0.00	32.05 0.48 0.00	33.22 0.47 0.00	32.75 0.42 0.00	25.75 0.33 0.00	21.87 0.21 0.00	19.78 0.16 0.00
SENECA OSWGO___HYD 24041	15.06 -0.21 0.00	16.70 -0.24 0.00	14.73 -0.21 0.00	17.24 -0.27 0.00	17.81 -0.28 0.00	21.06 -0.32 0.00	21.89 -0.35 0.00	28.01 -0.44 0.00	20.02 -0.33 0.00	19.70 -0.34 0.00	19.22 -0.34 0.00	18.71 -0.35 0.00	17.79 -0.34 0.00	18.64 -0.35 0.00	20.01 -0.39 0.00	20.45 -0.42 0.00	23.71 -0.50 0.00	26.44 -0.54 0.00	31.03 -0.55 0.00	32.25 -0.50 0.00	31.88 -0.45 0.00	25.04 -0.38 0.00	21.30 -0.36 0.00	19.34 -0.28 0.00
SENECA___115KV_TB3 355854	15.32 0.05 0.00	17.03 0.08 0.00	15.19 0.25 0.00	17.57 0.07 0.00	18.15 0.06 0.00	21.58 0.21 0.00	22.22 -0.02 0.00	28.31 -0.14 0.00	20.45 0.09 0.00	20.31 0.28 0.00	19.78 0.21 0.00	19.18 0.11 0.00	18.08 -0.05 0.00	18.95 -0.04 0.00	20.68 0.28 0.00	21.11 0.24 0.00	24.40 0.19 0.00	27.09 0.11 0.00	31.72 0.14 0.00	32.95 0.21 0.00	32.53 0.20 0.00	25.53 0.11 0.00	21.88 0.22 0.00	19.94 0.32 0.00
SENECA___ENERGY 23797	15.18 -0.09 0.00	16.82 -0.12 0.00	14.89 -0.05 0.00	17.39 -0.11 0.00	17.96 -0.12 0.00	21.29 -0.08 0.00	22.16 -0.08 0.00	28.36 -0.09 0.00	20.29 -0.06 0.00	19.98 -0.05 0.00	19.45 -0.11 0.00	18.90 -0.16 0.00	17.89 -0.24 0.00	18.77 -0.22 0.00	20.23 -0.17 0.00	20.70 -0.17 0.00	24.04 -0.17 0.00	26.75 -0.23 0.00	31.46 -0.11 0.00	32.72 -0.03 0.00	32.34 0.02 0.00	25.39 -0.03 0.00	21.60 -0.06 0.00	19.58 -0.05 0.00
SHOEMAKER___GT 23640	15.94 0.66 0.00	17.65 0.70 0.00	15.51 0.57 0.00	18.16 0.66 0.00	18.73 0.64 0.00	22.16 0.78 0.00	23.11 0.88 0.00	29.79 1.34 0.00	21.39 1.04 0.00	21.01 0.98 0.00	20.62 1.05 0.00	20.10 1.04 0.00	19.14 1.01 0.00	20.10 1.11 0.00	21.55 1.15 0.00	22.11 1.24 0.00	25.73 1.51 0.00	28.57 1.59 0.00	33.37 1.79 0.00	34.53 1.78 0.00	34.04 1.71 0.00	26.64 1.22 0.00	22.53 0.87 0.00	20.32 0.70 0.00
SHOEMAKR_138KV_BK 111 55601	15.93 0.66 0.00	17.63 0.69 0.00	15.50 0.56 0.00	18.15 0.64 0.00	18.72 0.63 0.00	22.14 0.77 0.00	23.10 0.86 0.00	29.78 1.33 0.00	21.39 1.04 0.00	21.02 0.99 0.00	20.63 1.06 0.00	20.11 1.05 0.00	19.14 1.01 0.00	20.11 1.12 0.00	21.57 1.17 0.00	22.13 1.26 0.00	25.75 1.54 0.00	28.58 1.60 0.00	33.37 1.80 0.00	34.52 1.77 0.00	34.03 1.70 0.00	26.62 1.21 0.00	22.51 0.86 0.00	20.31 0.68 0.00
SHOREHAM_IC_1 23715	16.66 1.39 0.00	18.42 1.48 0.00	16.11 1.17 0.00	18.90 1.39 0.00	19.52 1.43 0.00	23.20 1.83 0.00	27.03 1.90 -2.90	31.42 2.70 -0.27	30.08 2.10 -7.63	24.17 2.14 -1.99	33.20 2.34 -11.29	23.31 2.28 -1.97	23.52 2.20 -3.19	21.31 2.27 -0.06	22.63 2.23 0.00	24.04 2.41 -0.76	27.55 2.91 -0.43	29.37 2.78 0.39	34.55 2.98 0.00	35.67 2.93 0.00	61.95 2.96 -26.66	28.67 2.25 -1.00	26.85 1.72 -3.47	21.56 1.53 -0.41
SHOREHAM_IC_2 23716	16.66 1.39 0.00	18.42 1.48 0.00	16.11 1.17 0.00	18.90 1.39 0.00	19.52 1.43 0.00	23.20 1.83 0.00	27.03 1.90 -2.90	31.42 2.70 -0.27	30.08 2.10 -7.63	24.17 2.14 -1.99	33.20 2.34 -11.29	23.31 2.28 -1.97	23.52 2.20 -3.19	21.31 2.27 -0.06	22.63 2.23 0.00	24.04 2.41 -0.76	27.55 2.91 -0.43	29.37 2.78 0.39	34.55 2.98 0.00	35.67 2.93 0.00	61.95 2.96 -26.66	28.67 2.25 -1.00	26.85 1.72 -3.47	21.56 1.53 -0.41
SISSONVILLE____ 23735	14.63 -0.64 0.00	16.22 -0.72 0.00	14.28 -0.66 0.00	16.86 -0.64 0.00	17.70 -0.38 0.00	21.18 -0.19 0.00	22.24 0.00 0.00	28.16 -0.29 0.00	19.93 -0.42 0.00	19.69 -0.35 0.00	19.23 -0.34 0.00	18.80 -0.26 0.00	17.92 -0.21 0.00	18.73 -0.26 0.00	20.14 -0.26 0.00	20.63 -0.24 0.00	23.88 -0.33 0.00	26.77 -0.21 0.00	31.39 -0.19 0.00	32.63 -0.12 0.00	32.32 0.00 0.00	25.47 0.05 0.00	21.78 0.13 0.00	19.54 -0.08 0.00
SITHE_IND_GS1 24169	14.93 -0.34 0.00	16.57 -0.38 0.00	14.61 -0.32 0.00	17.11 -0.40 0.00	17.67 -0.42 0.00	20.88 -0.49 0.00	21.68 -0.56 0.00	27.74 -0.71 0.00	19.86 -0.49 0.00	19.55 -0.49 0.00	19.09 -0.48 0.00	18.59 -0.47 0.00	17.66 -0.47 0.00	18.51 -0.48 0.00	19.88 -0.53 0.00	20.30 -0.57 0.00	23.53 -0.68 0.00	26.22 -0.76 0.00	30.73 -0.85 0.00	31.90 -0.85 0.00	31.49 -0.83 0.00	24.75 -0.67 0.00	21.08 -0.58 0.00	19.16 -0.46 0.00
SITHE_IND_GS2 24170	14.93 -0.34 0.00	16.57 -0.38 0.00	14.61 -0.32 0.00	17.11 -0.40 0.00	17.67 -0.42 0.00	20.88 -0.49 0.00	21.68 -0.56 0.00	27.74 -0.71 0.00	19.86 -0.49 0.00	19.55 -0.49 0.00	19.09 -0.48 0.00	18.59 -0.47 0.00	17.66 -0.47 0.00	18.51 -0.48 0.00	19.88 -0.53 0.00	20.30 -0.57 0.00	23.53 -0.68 0.00	26.22 -0.76 0.00	30.73 -0.85 0.00	31.90 -0.85 0.00	31.49 -0.83 0.00	24.75 -0.67 0.00	21.08 -0.58 0.00	19.16 -0.46 0.00
SITHE_IND_GS3 24171	14.93 -0.34 0.00	16.57 -0.38 0.00	14.61 -0.32 0.00	17.11 -0.40 0.00	17.67 -0.42 0.00	20.88 -0.49 0.00	21.68 -0.56 0.00	27.74 -0.71 0.00	19.86 -0.49 0.00	19.55 -0.49 0.00	19.09 -0.48 0.00	18.59 -0.47 0.00	17.66 -0.47 0.00	18.51 -0.48 0.00	19.88 -0.53 0.00	20.30 -0.57 0.00	23.53 -0.68 0.00	26.22 -0.76 0.00	30.73 -0.85 0.00	31.90 -0.85 0.00	31.49 -0.83 0.00	24.75 -0.67 0.00	21.08 -0.58 0.00	19.16 -0.46 0.00
SITHE_IND_GS4 24172	14.93 -0.34 0.00	16.57 -0.38 0.00	14.61 -0.32 0.00	17.11 -0.40 0.00	17.67 -0.42 0.00	20.88 -0.49 0.00	21.68 -0.56 0.00	27.74 -0.71 0.00	19.86 -0.49 0.00	19.55 -0.49 0.00	19.09 -0.48 0.00	18.59 -0.47 0.00	17.66 -0.47 0.00	18.51 -0.48 0.00	19.88 -0.53 0.00	20.30 -0.57 0.00	23.53 -0.68 0.00	26.22 -0.76 0.00	30.73 -0.85 0.00	31.90 -0.85 0.00	31.49 -0.83 0.00	24.75 -0.67 0.00	21.08 -0.58 0.00	19.16 -0.46 0.00
SITHE___BATAVIA 24024	15.43 0.16 0.00	17.13 0.18 0.00	15.27 0.33 0.00	17.63 0.12 0.00	18.21 0.13 0.00	21.70 0.33 0.00	22.38 0.14 0.00	28.46 0.01 0.00	20.48 0.12 0.00	20.24 0.20 0.00	19.63 0.06 0.00	18.98 -0.08 0.00	17.89 -0.24 0.00	18.71 -0.28 0.00	20.40 -0.01 0.00	20.82 -0.06 0.00	24.01 -0.20 0.00	26.81 -0.17 0.00	31.68 0.10 0.00	33.03 0.28 0.00	32.70 0.37 0.00	25.72 0.30 0.00	22.03 0.37 0.00	20.02 0.40 0.00
SITHE___INDEPEND 23800	14.93 -0.34 0.00	16.57 -0.38 0.00	14.61 -0.32 0.00	17.10 -0.40 0.00	17.67 -0.42 0.00	20.88 -0.49 0.00	21.68 -0.56 0.00	27.74 -0.71 0.00	19.86 -0.50 0.00	19.55 -0.48 0.00	19.09 -0.48 0.00	18.59 -0.47 0.00	17.66 -0.47 0.00	18.51 -0.48 0.00	19.88 -0.53 0.00	20.30 -0.57 0.00	23.53 -0.68 0.00	26.21 -0.77 0.00	30.72 -0.85 0.00	31.90 -0.85 0.00	31.49 -0.83 0.00	24.75 -0.67 0.00	21.08 -0.58 0.00	19.16 -0.46 0.00

SITHE___MASSENA 23902	15.11 -0.16 0.00	16.77 -0.18 0.00	14.78 -0.16 0.00	17.40 -0.11 0.00	18.07 -0.02 0.00	21.46 0.09 0.00	22.38 0.14 0.00	28.41 -0.04 0.00	20.24 -0.11 0.00	19.98 -0.05 0.00	19.50 -0.07 0.00	19.02 -0.04 0.00	18.11 -0.02 0.00	18.93 -0.06 0.00	20.39 -0.02 0.00	20.86 -0.01 0.00	24.13 -0.08 0.00	26.98 0.00 0.00	31.55 -0.03 0.00	32.71 -0.03 0.00	32.35 0.02 0.00	25.49 0.07 0.00	21.84 0.18 0.00	19.74 0.12 0.00
SITHE___OGDNSBRG 24021	15.13 -0.14 0.00	16.77 -0.17 0.00	14.79 -0.15 0.00	17.41 -0.10 0.00	18.16 0.08 0.00	21.66 0.29 0.00	22.67 0.44 0.00	28.62 0.16 0.00	20.22 -0.13 0.00	20.03 -0.01 0.00	19.53 -0.04 0.00	19.12 0.06 0.00	18.17 0.04 0.00	19.00 0.01 0.00	20.45 0.05 0.00	20.95 0.08 0.00	24.23 0.02 0.00	27.14 0.16 0.00	31.81 0.23 0.00	33.13 0.39 0.00	32.85 0.53 0.00	25.87 0.46 0.00	22.14 0.48 0.00	19.93 0.31 0.00
SITHE___STERLING 23777	15.56 0.29 0.00	17.22 0.27 0.00	15.17 0.24 0.00	17.78 0.27 0.00	18.41 0.32 0.00	21.84 0.47 0.00	22.80 0.56 0.00	29.12 0.67 0.00	20.66 0.31 0.00	20.30 0.27 0.00	19.81 0.24 0.00	19.29 0.23 0.00	18.33 0.20 0.00	19.22 0.23 0.00	20.66 0.26 0.00	21.14 0.27 0.00	24.58 0.37 0.00	27.48 0.50 0.00	32.34 0.76 0.00	33.75 1.00 0.00	33.46 1.13 0.00	26.28 0.86 0.00	22.30 0.65 0.00	20.18 0.55 0.00
SLEIGHT__34_KV_TB1 80719	15.09 -0.18 0.00	16.74 -0.20 0.00	14.84 -0.09 0.00	17.26 -0.25 0.00	17.83 -0.25 0.00	21.18 -0.19 0.00	21.96 -0.27 0.00	28.03 -0.42 0.00	20.10 -0.25 0.00	19.84 -0.19 0.00	19.32 -0.25 0.00	18.76 -0.30 0.00	17.75 -0.38 0.00	18.60 -0.40 0.00	20.12 -0.28 0.00	20.55 -0.32 0.00	23.81 -0.40 0.00	26.59 -0.39 0.00	31.23 -0.35 0.00	32.46 -0.28 0.00	32.08 -0.25 0.00	25.17 -0.25 0.00	21.44 -0.22 0.00	19.46 -0.16 0.00
SOUTH CAIRO___GT 23612	16.01 0.73 0.00	17.72 0.78 0.00	15.64 0.70 0.00	18.26 0.76 0.00	18.86 0.77 0.00	22.12 0.75 0.00	23.06 0.82 0.00	29.64 1.19 0.00	21.01 0.66 0.00	20.38 0.34 0.00	19.74 0.17 0.00	19.20 0.14 0.00	18.26 0.13 0.00	19.11 0.12 0.00	20.50 0.10 0.00	20.99 0.12 0.00	24.46 0.25 0.00	27.42 0.45 0.00	32.55 0.97 0.00	34.04 1.30 0.00	33.68 1.35 0.00	26.52 1.10 0.00	22.47 0.82 0.00	20.29 0.67 0.00
SOUTH HAMPTN___IC 23720	16.87 1.60 0.00	18.66 1.71 0.00	16.32 1.39 0.00	19.15 1.64 0.00	19.78 1.69 0.00	23.53 2.16 0.00	27.31 2.28 -2.80	31.90 3.19 -0.26	30.18 2.44 -7.38	24.45 2.48 -1.92	33.47 2.68 -11.22	23.61 2.60 -1.95	23.79 2.49 -3.17	21.63 2.58 -0.06	22.95 2.54 0.00	24.35 2.73 -0.75	27.95 3.32 -0.42	29.80 3.21 0.39	35.05 3.48 0.00	36.21 3.47 0.00	61.65 3.53 -25.78	29.06 2.68 -0.97	27.08 2.07 -3.35	21.85 1.83 -0.40
SOUTHDOW__115KV_TB1 355954	15.86 0.59 0.00	17.61 0.67 0.00	15.64 0.70 0.00	18.15 0.65 0.00	18.78 0.69 0.00	22.42 1.05 0.00	23.20 0.96 0.00	29.72 1.27 0.00	21.43 1.08 0.00	21.27 1.24 0.00	20.81 1.25 0.00	20.22 1.16 0.00	19.05 0.92 0.00	20.04 1.05 0.00	21.75 1.35 0.00	22.23 1.36 0.00	25.76 1.55 0.00	28.49 1.52 0.00	33.26 1.68 0.00	34.53 1.79 0.00	34.11 1.79 0.00	26.56 1.14 0.00	22.63 0.97 0.00	20.54 0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	16.97 1.70 0.00	18.77 1.83 0.00	16.42 1.48 0.00	19.27 1.76 0.00	19.90 1.81 0.00	23.68 2.31 0.00	27.49 2.45 -2.80	32.13 3.42 -0.26	30.35 2.62 -7.38	24.62 2.66 -1.92	33.63 2.84 -11.22	23.76 2.75 -1.95	23.91 2.61 -3.17	21.76 2.71 -0.06	23.09 2.69 0.00	24.48 2.86 -0.75	28.13 3.49 -0.42	30.00 3.42 0.39	35.29 3.72 0.00	36.48 3.74 0.00	61.94 3.81 -25.80	29.27 2.88 -0.97	27.25 2.24 -3.36	21.99 1.97 -0.40
SOUTHOLD___IC 23719	16.97 1.70 0.00	18.77 1.83 0.00	16.42 1.48 0.00	19.27 1.76 0.00	19.90 1.81 0.00	23.68 2.31 0.00	27.49 2.45 -2.80	32.13 3.42 -0.26	30.35 2.61 -7.38	24.62 2.66 -1.92	33.63 2.84 -11.22	23.76 2.75 -1.95	23.92 2.62 -3.17	21.76 2.71 -0.06	23.09 2.69 0.00	24.49 2.87 -0.75	28.13 3.50 -0.42	30.00 3.42 0.39	35.29 3.72 0.00	36.48 3.74 0.00	61.93 3.81 -25.80	29.27 2.88 -0.97	27.25 2.24 -3.36	21.99 1.97 -0.40
SOUTH_FORK_WT_PWR 323839	17.02 1.74 0.00	18.82 1.88 0.00	16.47 1.53 0.00	19.32 1.81 0.00	19.96 1.87 0.00	23.76 2.38 0.00	27.57 2.53 -2.80	32.23 3.52 -0.26	30.42 2.68 -7.38	24.67 2.71 -1.92	33.68 2.89 -11.22	23.82 2.81 -1.95	23.97 2.67 -3.17	21.81 2.76 -0.06	23.14 2.73 0.00	24.54 2.92 -0.75	28.20 3.57 -0.42	30.07 3.49 0.39	35.38 3.81 0.00	36.57 3.82 0.00	62.01 3.89 -25.79	29.33 2.95 -0.97	27.30 2.29 -3.35	22.04 2.02 -0.40
SPIERFLS_115KV_TB 1 80737	15.82 0.55 0.00	17.50 0.56 0.00	15.37 0.44 0.00	18.06 0.56 0.00	18.65 0.56 0.00	21.84 0.47 0.00	22.91 0.68 0.00	29.53 1.09 0.00	20.97 0.62 0.00	20.51 0.47 0.00	19.92 0.35 0.00	19.39 0.33 0.00	18.45 0.32 0.00	19.32 0.33 0.00	20.72 0.32 0.00	21.29 0.42 0.00	24.77 0.56 0.00	27.83 0.85 0.00	32.82 1.24 0.00	34.11 1.36 0.00	33.54 1.21 0.00	26.38 0.96 0.00	22.24 0.58 0.00	20.07 0.44 0.00
ST LAWRENCE___ 23600	15.06 -0.21 0.00	16.72 -0.23 0.00	14.74 -0.20 0.00	17.34 -0.17 0.00	17.97 -0.12 0.00	21.31 -0.06 0.00	22.19 -0.05 0.00	28.21 -0.24 0.00	20.13 -0.22 0.00	19.87 -0.17 0.00	19.38 -0.18 0.00	18.90 -0.17 0.00	17.99 -0.14 0.00	18.81 -0.18 0.00	20.25 -0.15 0.00	20.72 -0.15 0.00	23.98 -0.23 0.00	26.80 -0.18 0.00	31.31 -0.26 0.00	32.46 -0.28 0.00	32.08 -0.25 0.00	25.27 -0.15 0.00	21.66 0.00 0.00	19.60 -0.03 0.00
STATE_CA_115KV_115_LB 55624	15.61 0.34 0.00	17.27 0.33 0.00	15.24 0.30 0.00	17.79 0.28 0.00	18.35 0.26 0.00	21.51 0.13 0.00	22.39 0.15 0.00	28.81 0.36 0.00	20.62 0.27 0.00	20.24 0.21 0.00	19.78 0.21 0.00	19.26 0.20 0.00	18.34 0.21 0.00	19.21 0.22 0.00	20.64 0.24 0.00	21.14 0.27 0.00	24.56 0.35 0.00	27.37 0.40 0.00	32.05 0.48 0.00	33.19 0.45 0.00	32.69 0.36 0.00	25.70 0.28 0.00	21.83 0.17 0.00	19.73 0.11 0.00
STATE_ST_34_KV_LOAD 55959	15.35 0.08 0.00	17.02 0.07 0.00	15.03 0.09 0.00	17.57 0.07 0.00	18.16 0.07 0.00	21.50 0.13 0.00	22.36 0.12 0.00	28.60 0.15 0.00	20.44 0.09 0.00	20.12 0.08 0.00	19.59 0.02 0.00	19.06 -0.01 0.00	18.07 -0.06 0.00	18.95 -0.04 0.00	20.39 -0.01 0.00	20.85 -0.02 0.00	24.22 0.01 0.00	27.02 0.04 0.00	31.75 0.18 0.00	33.01 0.26 0.00	32.62 0.29 0.00	25.59 0.17 0.00	21.76 0.10 0.00	19.72 0.10 0.00
STATION 5_MISC_HYD 23604	15.19 -0.08 0.00	16.87 -0.08 0.00	14.99 0.05 0.00	17.37 -0.13 0.00	17.94 -0.14 0.00	21.33 -0.04 0.00	22.03 -0.21 0.00	28.06 -0.39 0.00	20.17 -0.18 0.00	19.98 -0.06 0.00	19.45 -0.12 0.00	18.87 -0.19 0.00	17.86 -0.27 0.00	18.69 -0.30 0.00	20.30 -0.10 0.00	20.71 -0.16 0.00	23.95 -0.26 0.00	26.69 -0.29 0.00	31.34 -0.23 0.00	32.58 -0.16 0.00	32.20 -0.12 0.00	25.30 -0.11 0.00	21.60 -0.05 0.00	19.64 0.02 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.29 0.02 0.00	16.96 0.01 0.00	15.04 0.10 0.00	17.48 -0.03 0.00	18.07 -0.02 0.00	21.46 0.09 0.00	22.25 0.02 0.00	28.41 -0.04 0.00	20.37 0.02 0.00	20.11 0.08 0.00	19.57 0.00 0.00	19.00 -0.06 0.00	17.97 -0.16 0.00	18.83 -0.16 0.00	20.39 -0.01 0.00	20.83 -0.04 0.00	24.15 -0.06 0.00	26.92 -0.06 0.00	31.67 0.09 0.00	32.94 0.19 0.00	32.54 0.21 0.00	25.54 0.12 0.00	21.75 0.09 0.00	19.75 0.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.16 -0.12 0.00	16.82 -0.12 0.00	14.95 0.01 0.00	17.33 -0.18 0.00	17.90 -0.19 0.00	21.27 -0.11 0.00	21.99 -0.25 0.00	28.04 -0.41 0.00	20.16 -0.19 0.00	19.96 -0.08 0.00	19.44 -0.13 0.00	18.87 -0.19 0.00	17.86 -0.27 0.00	18.69 -0.31 0.00	20.28 -0.12 0.00	20.71 -0.17 0.00	23.95 -0.26 0.00	26.71 -0.27 0.00	31.38 -0.19 0.00	32.63 -0.11 0.00	32.22 -0.11 0.00	25.30 -0.12 0.00	21.57 -0.09 0.00	19.60 -0.02 0.00
STA_56___34_KV_BUS2 355983	15.16 -0.12 0.00	16.82 -0.12 0.00	14.95 0.01 0.00	17.33 -0.18 0.00	17.90 -0.19 0.00	21.27 -0.11 0.00	21.99 -0.25 0.00	28.04 -0.41 0.00	20.16 -0.19 0.00	19.96 -0.08 0.00	19.44 -0.13 0.00	18.87 -0.19 0.00	17.86 -0.27 0.00	18.69 -0.31 0.00	20.28 -0.12 0.00	20.71 -0.17 0.00	23.95 -0.26 0.00	26.71 -0.27 0.00	31.38 -0.19 0.00	32.63 -0.11 0.00	32.22 -0.11 0.00	25.30 -0.12 0.00	21.57 -0.09 0.00	19.60 -0.02 0.00
STA_67___115KV_BK2 355882	15.17 -0.11 0.00	16.84 -0.10 0.00	14.97 0.03 0.00	17.35 -0.16 0.00	17.92 -0.17 0.00	21.29 -0.09 0.00	21.99 -0.25 0.00	28.01 -0.44 0.00	20.13 -0.22 0.00	19.94 -0.09 0.00	19.42 -0.15 0.00	18.84 -0.22 0.00	17.82 -0.30 0.00	18.65 -0.34 0.00	20.26 -0.14 0.00	20.67 -0.20 0.00	23.90 -0.31 0.00	26.64 -0.33 0.00	31.28 -0.30 0.00	32.52 -0.22 0.00	32.14 -0.19 0.00	25.25 -0.17 0.00	21.56 -0.10 0.00	19.62 0.00 0.00
STA_7___115KV_9TRANS 80674	15.24 -0.03 0.00	16.92 -0.02 0.00	15.04 0.10 0.00	17.43 -0.08 0.00	18.00 -0.09 0.00	21.39 0.02 0.00	22.10 -0.13 0.00	28.15 -0.29 0.00	20.23 -0.12 0.00	20.04 0.01 0.00	19.51 -0.06 0.00	18.94 -0.12 0.00	17.92 -0.21 0.00	18.75 -0.24 0.00	20.36 -0.04 0.00	20.78 -0.09 0.00	24.03 -0.18 0.00	26.80 -0.18 0.00	31.47 -0.10 0.00	32.74 -0.01 0.00	32.35 0.03 0.00	25.41 -0.01 0.00	21.69 0.03 0.00	19.72 0.10 0.00
STA_82___115KV_TB1 80780	15.18 -0.10 0.00	16.85 -0.10 0.00	14.98 0.05 0.00	17.36 -0.15 0.00	17.93 -0.16 0.00	21.31 -0.06 0.00	22.01 -0.23 0.00	28.03 -0.42 0.00	20.14 -0.21 0.00	19.95 -0.09 0.00	19.42 -0.14 0.00	18.85 -0.21 0.00	17.83 -0.29 0.00	18.66 -0.33 0.00	20.27 -0.13 0.00	20.68 -0.19 0.00	23.91 -0.30 0.00	26.65 -0.32 0.00	31.30 -0.27 0.00	32.55 -0.20 0.00	32.17 -0.16 0.00	25.27 -0.15 0.00	21.57 -0.09 0.00	19.63 0.01 0.00
STEEL___WIND 323596	15.30 0.03 0.00	17.02 0.08 0.00	15.18 0.24 0.00	17.56 0.05 0.00	18.14 0.05 0.00	21.57 0.20 0.00	22.21 -0.03 0.00	28.28 -0.17 0.00	20.43 0.07 0.00	20.30 0.26 0.00	19.76 0.19 0.00	19.15 0.08 0.00	18.05 -0.08 0.00	18.93 -0.06 0.00	20.67 0.27 0.00	21.09 0.22 0.00	24.37 0.16 0.00	27.06 0.08 0.00	31.69 0.11 0.00	32.91 0.16 0.00	32.50 0.17 0.00	25.50 0.08 0.00	21.87 0.21 0.00	19.90 0.28 0.00
STEPHTWN_115KV_BK_2 55603	15.72 0.45 0.00	17.38 0.44 0.00	15.33 0.39 0.00	17.90 0.40 0.00	18.47 0.38 0.00	21.66 0.29 0.00	22.60 0.37 0.00	29.09 0.64 0.00	20.81 0.45 0.00	20.39 0.35 0.00	19.71 0.14 0.00	19.17 0.11 0.00	18.26 0.13 0.00	19.13 0.13 0.00	20.73 0.33 0.00	21.25 0.38 0.00	24.72 0.51 0.00	27.60 0.62 0.00	32.34 0.76 0.00	33.52 0.77 0.00	33.09 0.76 0.00	25.91 0.50 0.00	22.03 0.38 0.00	19.86 0.24 0.00
STEUBEN_REC_LFGE 323667	14.96 -0.31 0.00	16.61 -0.34 0.00	14.78 -0.16 0.00	17.31 -0.19 0.00	18.05 -0.04 0.00	21.51 0.14 0.00	22.51 0.27 0.00	28.91 0.46 0.00	20.82 0.47 0.00	20.51 0.48 0.00	19.94 0.37 0.00	19.19 0.13 0.00	17.84 -0.29 0.00	18.73 -0.27 0.00	20.49 0.09 0.00	21.04 0.16 0.00	24.49 0.28 0.00	27.31 0.33 0.00	32.19 0.62 0.00	33.69 0.94 0.00	33.25 0.92 0.00	26.00 0.59 0.00	22.19 0.53 0.00	20.10 0.47 0.00
STILLWATER___SOLAR 323814	15.90 0.62 0.00	17.63 0.68 0.00	15.51 0.57 0.00	18.17 0.67 0.00	18.76 0.68 0.00	22.03 0.65 0.00	22.99 0.76 0.00	29.58 1.13 0.00	21.04 0.69 0.00	20.59 0.55 0.00	20.04 0.47 0.00	19.51 0.45 0.00	18.55 0.42 0.00	19.43 0.43 0.00	20.83 0.43 0.00	21.39 0.52 0.00	24.88 0.67 0.00	27.82 0.84 0.00	32.76 1.19 0.00	34.02 1.27 0.00	33.49 1.17 0.00	26.38 0.96 0.00	22.31 0.65 0.00	20.17 0.54 0.00
STONY___BROOK 24151	16.44 1.17 0.00	18.18 1.24 0.00	15.90 0.96 0.00	18.64 1.14 0.00	19.25 1.16 0.00	22.87 1.50 0.00	27.32 1.54 -3.54	30.99 2.21 -0.33	31.44 1.76 -9.33	24.28 1.81 -2.43	33.40 2.06 -11.78	23.17 2.03 -2.09	23.41 1.98 -3.31	21.11 2.06 -0.06	22.41 2.01 0.00	23.86 2.21 -0.78	27.30 2.65 -0.44	28.97 2.37 0.38	34.01 2.44 0.00	35.17 2.42 0.00	67.38 2.52 -32.53	28.53 1.90 -1.22	27.37 1.49 -4.23	21.45 1.33 -0.50
STURGEON_POOL_HYD 23609	16.15 0.88 0.00	17.88 0.93 0.00	15.69 0.75 0.00	18.39 0.88 0.00	18.95 0.86 0.00	22.47 1.10 0.00	23.48 1.25 0.00	30.34 1.89 0.00	21.86 1.51 0.00	21.51 1.47 0.00	21.09 1.53 0.00	20.57 1.51 0.00	19.59 1.45 0.00	20.60 1.61 0.00	22.08 1.68 0.00	22.65 1.78 0.00	26.40 2.19 0.00	29.32 2.34 0.00	34.17 2.60 0.00	35.30 2.55 0.00	34.78 2.44 0.00	27.14 1.72 0.00	22.89 1.24 0.00	20.61 0.99 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.97 0.69 0.00	17.66 0.72 0.00	15.52 0.58 0.00	18.18 0.68 0.00	18.75 0.66 0.00	22.19 0.81 0.00	23.15 0.91 0.00	29.87 1.42 0.00	21.48 1.13 0.00	21.13 1.10 0.00	20.75 1.18 0.00	20.24 1.18 0.00	19.27 1.14 0.00	20.26 1.26 0.00	21.73 1.33 0.00	22.30 1.43 0.00	25.96 1.75 0.00	28.79 1.81 0.00	33.60 2.02 0.00	34.70 1.95 0.00	34.19 1.86 0.00	26.72 1.30 0.00	22.57 0.92 0.00	20.35 0.73 0.00
SWANROAD_115KV_TB1 355699	14.88 -0.39 0.00	16.54 -0.41 0.00	14.79 -0.15 0.00	17.04 -0.47 0.00	17.59 -0.49 0.00	20.94 -0.44 0.00	21.49 -0.75 0.00	27.28 -1.16 0.00	19.75 -0.61 0.00	19.61 -0.43 0.00	19.07 -0.50 0.00	18.42 -0.64 0.00	17.35 -0.78 0.00	18.13 -0.86 0.00	19.80 -0.60 0.00	20.22 -0.65 0.00	23.28 -0.94 0.00	25.87 -1.11 0.00	30.36 -1.21 0.00	31.48 -1.26 0.00	31.07 -1.26 0.00	24.52 -0.89 0.00	21.15 -0.51 0.00	19.35 -0.27 0.00
SYNERGY___BIOGAS 323694	15.43 0.16 0.00	17.13 0.18 0.00	15.27 0.33 0.00	17.63 0.12 0.00	18.21 0.13 0.00	21.70 0.33 0.00	22.38 0.14 0.00	28.46 0.01 0.00	20.48 0.12 0.00	20.24 0.20 0.00	19.63 0.06 0.00	18.98 -0.08 0.00	17.89 -0.24 0.00	18.71 -0.28 0.00	20.40 -0.01 0.00	20.82 -0.06 0.00	24.01 -0.20 0.00	26.81 -0.17 0.00	31.68 0.10 0.00	33.03 0.28 0.00	32.70 0.37 0.00	25.72 0.30 0.00	22.03 0.37 0.00	20.02 0.40 0.00

SYRACUSE___ENERGY_ST1 323597	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.78 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00
SYRACUSE___ENERGY_ST2 323598	15.27 0.00 0.00	16.93 -0.02 0.00	14.94 0.00 0.00	17.48 -0.03 0.00	18.06 -0.03 0.00	21.36 -0.01 0.00	22.21 -0.03 0.00	28.42 -0.04 0.00	20.32 -0.03 0.00	20.01 -0.02 0.00	19.52 -0.05 0.00	19.01 -0.06 0.00	18.05 -0.08 0.00	18.93 -0.07 0.00	20.33 -0.07 0.00	20.78 -0.09 0.00	24.13 -0.08 0.00	26.90 -0.08 0.00	31.57 0.00 0.00	32.79 0.04 0.00	32.39 0.06 0.00	25.42 0.00 0.00	21.61 -0.04 0.00	19.61 -0.01 0.00
SYRACUSE___POWER 24017	15.29 0.02 0.00	16.96 0.01 0.00	14.96 0.02 0.00	17.50 -0.01 0.00	18.08 -0.01 0.00	21.38 0.01 0.00	22.25 0.01 0.00	28.48 0.03 0.00	20.35 0.00 0.00	20.02 -0.01 0.00	19.54 -0.03 0.00	19.02 -0.04 0.00	18.07 -0.06 0.00	18.94 -0.05 0.00	20.36 -0.04 0.00	20.81 -0.07 0.00	24.16 -0.06 0.00	26.93 -0.05 0.00	31.61 0.03 0.00	32.85 0.10 0.00	32.46 0.13 0.00	25.49 0.07 0.00	21.66 0.01 0.00	19.65 0.03 0.00
TALLMAN___138KV_BK151 55660	16.01 0.74 0.00	17.71 0.76 0.00	15.55 0.62 0.00	18.23 0.72 0.00	18.80 0.71 0.00	22.26 0.89 0.00	23.23 0.99 0.00	29.99 1.54 0.00	21.58 1.23 0.00	21.25 1.21 0.00	20.90 1.33 0.00	20.39 1.33 0.00	19.41 1.28 0.00	20.42 1.43 0.00	21.91 1.51 0.00	22.49 1.62 0.00	26.17 1.96 0.00	29.00 2.02 0.00	33.78 2.21 0.00	34.85 2.11 0.00	34.33 2.01 0.00	26.82 1.40 0.00	22.65 0.99 0.00	20.41 0.79 0.00
TEALLAVE_115KV_TB7 355573	15.21 -0.06 0.00	16.86 -0.08 0.00	14.88 -0.06 0.00	17.41 -0.10 0.00	17.98 -0.11 0.00	21.26 -0.11 0.00	22.10 -0.13 0.00	28.30 -0.15 0.00	20.24 -0.11 0.00	19.93 -0.10 0.00	19.46 -0.11 0.00	18.94 -0.12 0.00	18.00 -0.14 0.00	18.87 -0.12 0.00	20.27 -0.13 0.00	20.72 -0.16 0.00	24.04 -0.17 0.00	26.79 -0.19 0.00	31.41 -0.16 0.00	32.62 -0.13 0.00	32.23 -0.10 0.00	25.30 -0.11 0.00	21.52 -0.14 0.00	19.53 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	15.19 -0.08 0.00	16.87 -0.07 0.00	15.06 0.13 0.00	17.38 -0.13 0.00	17.95 -0.14 0.00	21.37 0.00 0.00	21.99 -0.24 0.00	27.95 -0.50 0.00	20.18 -0.18 0.00	20.00 -0.03 0.00	19.45 -0.12 0.00	18.80 -0.26 0.00	17.72 -0.41 0.00	18.52 -0.47 0.00	20.22 -0.18 0.00	20.63 -0.24 0.00	23.79 -0.42 0.00	26.48 -0.49 0.00	31.18 -0.40 0.00	32.40 -0.35 0.00	32.01 -0.33 0.00	25.20 -0.21 0.00	21.65 -0.01 0.00	19.75 0.12 0.00
TEMPLE___115KV_TB 2 55572	15.22 -0.05 0.00	16.88 -0.07 0.00	14.89 -0.05 0.00	17.42 -0.08 0.00	17.99 -0.10 0.00	21.27 -0.09 0.00	22.12 -0.12 0.00	28.32 -0.13 0.00	20.26 -0.09 0.00	19.95 -0.08 0.00	19.47 -0.09 0.00	18.96 -0.10 0.00	18.01 -0.12 0.00	18.89 -0.11 0.00	20.29 -0.11 0.00	20.74 -0.13 0.00	24.06 -0.15 0.00	26.81 -0.17 0.00	31.44 -0.13 0.00	32.64 -0.10 0.00	32.25 -0.08 0.00	25.32 -0.10 0.00	21.52 -0.13 0.00	19.53 -0.09 0.00
TIANA___69_KV_BK 1 55817	16.81 1.54 0.00	18.59 1.64 0.00	16.26 1.32 0.00	19.08 1.57 0.00	19.70 1.61 0.00	23.43 2.06 0.00	27.20 2.17 -2.80	31.76 3.04 -0.26	30.09 2.35 -7.38	24.35 2.39 -1.92	33.38 2.59 -11.22	23.52 2.51 -1.95	23.69 2.39 -3.17	21.55 2.50 -0.06	22.87 2.46 0.00	24.27 2.65 -0.75	27.84 3.21 -0.42	29.68 3.09 0.39	34.91 3.34 0.00	36.07 3.33 0.00	61.52 3.40 -25.80	28.96 2.57 -0.97	26.99 1.98 -3.36	21.77 1.75 -0.40
TILDEN___115KV_TB1 80814	15.29 0.02 0.00	16.96 0.01 0.00	14.96 0.02 0.00	17.50 -0.01 0.00	18.08 -0.01 0.00	21.38 0.01 0.00	22.25 0.01 0.00	28.48 0.03 0.00	20.35 0.00 0.00	20.02 -0.01 0.00	19.54 -0.03 0.00	19.02 -0.04 0.00	18.07 -0.06 0.00	18.94 -0.05 0.00	20.36 -0.04 0.00	20.81 -0.07 0.00	24.16 -0.06 0.00	26.93 -0.05 0.00	31.61 0.03 0.00	32.85 0.10 0.00	32.46 0.13 0.00	25.49 0.07 0.00	21.66 0.01 0.00	19.65 0.03 0.00
TRIGEN___CC 323695	16.17 0.90 0.00	17.89 0.94 0.00	15.67 0.73 0.00	18.36 0.85 0.00	18.95 0.86 0.00	22.47 1.09 0.00	23.41 1.18 0.00	30.23 1.78 0.00	21.80 1.45 0.00	21.52 1.48 -10.06	31.26 1.64 -4.54	25.21 1.61 -5.34	25.03 1.56 -0.35	21.01 1.67 -0.35	22.09 1.69 0.00	27.33 1.87 -4.58	29.13 2.29 -2.63	30.75 2.23 -1.54	33.90 2.31 -0.02	34.98 2.22 -0.01	34.53 2.20 0.00	27.01 1.59 0.00	22.83 1.18 0.00	20.61 0.99 0.00
TRINITY___115KV__ 4 BK 55933	15.55 0.28 0.00	17.22 0.27 0.00	15.20 0.26 0.00	17.74 0.23 0.00	18.30 0.20 0.00	21.43 0.06 0.00	22.30 0.07 0.00	28.71 0.25 0.00	20.55 0.19 0.00	20.16 0.13 0.00	19.69 0.12 0.00	19.17 0.11 0.00	18.26 0.13 0.00	19.12 0.13 0.00	20.53 0.13 0.00	21.03 0.16 0.00	24.42 0.20 0.00	27.16 0.18 0.00	31.84 0.26 0.00	32.98 0.23 0.00	32.50 0.17 0.00	25.57 0.15 0.00	21.72 0.07 0.00	19.65 0.03 0.00
UNION___PROCESSING_DRP 323587	15.18 -0.09 0.00	16.86 -0.09 0.00	14.99 0.05 0.00	17.37 -0.14 0.00	17.93 -0.15 0.00	21.31 -0.06 0.00	22.01 -0.22 0.00	28.04 -0.41 0.00	20.15 -0.20 0.00	19.96 -0.08 0.00	19.43 -0.13 0.00	18.85 -0.21 0.00	17.84 -0.29 0.00	18.67 -0.32 0.00	20.28 -0.13 0.00	20.69 -0.18 0.00	23.92 -0.29 0.00	26.66 -0.32 0.00	31.30 -0.27 0.00	32.56 -0.19 0.00	32.18 -0.15 0.00	25.28 -0.14 0.00	21.58 -0.07 0.00	19.64 0.02 0.00
UPPER HUDSON___HYD 24058	15.82 0.55 0.00	17.50 0.56 0.00	15.37 0.44 0.00	18.06 0.56 0.00	18.65 0.57 0.00	21.85 0.47 0.00	22.91 0.68 0.00	29.53 1.09 0.00	20.97 0.62 0.00	20.51 0.47 0.00	19.92 0.35 0.00	19.39 0.33 0.00	18.44 0.31 0.00	19.32 0.33 0.00	20.73 0.32 0.00	21.29 0.42 0.00	24.77 0.56 0.00	27.83 0.85 0.00	32.82 1.24 0.00	34.11 1.36 0.00	33.54 1.21 0.00	26.38 0.96 0.00	22.24 0.58 0.00	20.07 0.45 0.00
UPPER RAQUET___HYD 24056	14.63 -0.64 0.00	16.22 -0.72 0.00	14.28 -0.66 0.00	16.86 -0.64 0.00	17.70 -0.38 0.00	21.18 -0.19 0.00	22.24 0.00 0.00	28.16 -0.29 0.00	19.93 -0.42 0.00	19.69 -0.35 0.00	19.23 -0.34 0.00	18.80 -0.26 0.00	17.92 -0.21 0.00	18.73 -0.26 0.00	20.14 -0.26 0.00	20.64 -0.24 0.00	23.88 -0.33 0.00	26.77 -0.20 0.00	31.39 -0.18 0.00	32.63 -0.12 0.00	32.32 0.00 0.00	25.47 0.05 0.00	21.78 0.13 0.00	19.54 -0.08 0.00
VALLEY44_115KV_TB2 355964	15.71 0.43 0.00	17.46 0.51 0.00	15.50 0.56 0.00	18.07 0.56 0.00	18.62 0.53 0.00	22.12 0.75 0.00	22.85 0.61 0.00	29.25 0.80 0.00	21.08 0.72 0.00	21.01 0.97 0.00	20.47 0.90 0.00	19.86 0.80 0.00	18.66 0.53 0.00	19.59 0.60 0.00	21.22 0.81 0.00	21.72 0.85 0.00	25.16 0.95 0.00	27.79 0.81 0.00	32.40 0.83 0.00	33.65 0.91 0.00	33.26 0.94 0.00	26.02 0.61 0.00	22.29 0.63 0.00	20.34 0.72 0.00

VALLEY___115KV_TB 1-4 80826	15.25 -0.02 0.00	16.92 -0.03 0.00	14.91 -0.03 0.00	17.50 -0.01 0.00	18.05 -0.04 0.00	21.20 -0.17 0.00	22.05 -0.18 0.00	28.41 -0.04 0.00	20.21 -0.14 0.00	19.70 -0.34 0.00	19.16 -0.41 0.00	18.66 -0.40 0.00	17.71 -0.42 0.00	18.53 -0.46 0.00	19.85 -0.55 0.00	20.44 -0.44 0.00	23.94 -0.27 0.00	26.77 -0.21 0.00	31.68 0.10 0.00	33.06 0.31 0.00	32.73 0.40 0.00	25.68 0.26 0.00	21.72 0.07 0.00	19.61 -0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.80 0.53 0.00	17.54 0.59 0.00	15.46 0.52 0.00	18.10 0.60 0.00	18.68 0.60 0.00	22.11 0.74 0.00	23.12 0.89 0.00	30.70 2.26 0.00	21.85 1.49 0.00	21.63 1.59 0.00	20.61 1.04 0.00	20.02 0.96 0.00	18.94 0.81 0.00	19.80 0.81 0.00	21.27 0.87 0.00	21.78 0.91 0.00	25.33 1.12 0.00	28.24 1.26 0.00	33.04 1.47 0.00	34.27 1.52 0.00	33.82 1.50 0.00	26.49 1.07 0.00	22.46 0.80 0.00	20.31 0.69 0.00
VISCHER___FERRY HYD 24020	15.79 0.52 0.00	17.52 0.58 0.00	15.44 0.50 0.00	18.07 0.57 0.00	18.65 0.56 0.00	21.85 0.47 0.00	22.76 0.52 0.00	29.31 0.86 0.00	20.92 0.56 0.00	20.49 0.45 0.00	19.96 0.39 0.00	19.41 0.35 0.00	18.46 0.33 0.00	19.33 0.34 0.00	20.72 0.32 0.00	21.25 0.37 0.00	24.68 0.47 0.00	27.48 0.50 0.00	32.33 0.75 0.00	33.50 0.75 0.00	32.99 0.67 0.00	26.05 0.63 0.00	22.07 0.42 0.00	19.98 0.36 0.00
V_A_10_SYNC_DSASP 323832	14.97 -0.30 0.00	16.64 -0.31 0.00	14.83 -0.10 0.00	17.15 -0.36 0.00	17.71 -0.38 0.00	21.04 -0.34 0.00	21.66 -0.58 0.00	27.55 -0.90 0.00	19.87 -0.48 0.00	19.73 -0.31 0.00	19.21 -0.36 0.00	18.63 -0.43 0.00	17.60 -0.53 0.00	18.42 -0.58 0.00	20.06 -0.34 0.00	20.47 -0.41 0.00	23.61 -0.60 0.00	26.26 -0.72 0.00	30.77 -0.80 0.00	31.93 -0.82 0.00	31.54 -0.79 0.00	24.79 -0.62 0.00	21.27 -0.39 0.00	19.39 -0.23 0.00
V_CMM_10_SYNC_DSASP 323787	15.13 -0.14 0.00	16.80 -0.15 0.00	14.81 -0.13 0.00	17.42 -0.09 0.00	18.06 -0.03 0.00	21.41 0.04 0.00	22.30 0.06 0.00	28.34 -0.10 0.00	20.23 -0.13 0.00	19.96 -0.07 0.00	19.48 -0.08 0.00	18.99 -0.07 0.00	18.08 -0.05 0.00	18.90 -0.10 0.00	20.35 -0.05 0.00	20.82 -0.05 0.00	24.10 -0.11 0.00	26.93 -0.05 0.00	31.46 -0.11 0.00	32.61 -0.14 0.00	32.23 -0.10 0.00	25.39 -0.03 0.00	21.76 0.10 0.00	19.69 0.06 0.00
V_CMP_10_SYNC_DSASP 323788	15.19 -0.08 0.00	16.94 0.00 0.00	14.77 -0.17 0.00	18.06 0.56 0.00	18.87 0.78 0.00	22.28 0.91 0.00	23.27 1.04 0.00	29.03 0.58 0.00	20.64 0.29 0.00	20.35 0.31 0.00	19.75 0.18 0.00	19.36 0.30 0.00	18.36 0.22 0.00	19.27 0.28 0.00	20.61 0.20 0.00	21.38 0.51 0.00	24.94 0.73 0.00	28.11 1.14 0.00	33.17 1.59 0.00	34.37 1.62 0.00	33.82 1.49 0.00	26.59 1.17 0.00	22.63 0.97 0.00	20.57 0.94 0.00
V_D_10_SYNC_DSASP 323841	15.12 -0.16 0.00	16.78 -0.17 0.00	14.79 -0.15 0.00	17.40 -0.11 0.00	18.07 -0.02 0.00	21.46 0.09 0.00	22.38 0.14 0.00	28.42 -0.03 0.00	20.24 -0.11 0.00	19.99 -0.05 0.00	19.50 -0.07 0.00	19.03 -0.04 0.00	18.12 -0.01 0.00	18.93 -0.06 0.00	20.39 -0.01 0.00	20.87 -0.01 0.00	24.14 -0.07 0.00	26.99 0.01 0.00	31.55 -0.02 0.00	32.72 -0.02 0.00	32.35 0.03 0.00	25.49 0.07 0.00	21.84 0.18 0.00	19.74 0.12 0.00
V_E_10_SYNC_DSASP 323830	15.87 0.60 0.00	17.53 0.58 0.00	15.55 0.61 0.00	18.25 0.74 0.00	19.03 0.94 0.00	22.55 1.18 0.00	23.69 1.46 0.00	30.56 2.11 0.00	21.56 1.21 0.00	21.08 1.05 0.00	20.22 0.65 0.00	19.46 0.40 0.00	18.36 0.22 0.00	19.14 0.15 0.00	20.79 0.39 0.00	21.30 0.42 0.00	24.89 0.68 0.00	28.27 1.30 0.00	33.58 2.01 0.00	35.43 2.68 0.00	35.19 2.87 0.00	27.45 2.04 0.00	23.29 1.64 0.00	21.02 1.40 0.00
V_F_30_NSYNC___DSASP 323816	15.91 0.63 0.00	17.65 0.70 0.00	15.52 0.59 0.00	18.19 0.68 0.00	18.78 0.69 0.00	22.05 0.68 0.00	23.03 0.79 0.00	29.62 1.17 0.00	21.08 0.73 0.00	20.64 0.61 0.00	20.10 0.53 0.00	19.57 0.51 0.00	18.62 0.48 0.00	19.50 0.51 0.00	20.91 0.51 0.00	21.45 0.58 0.00	24.96 0.74 0.00	27.90 0.92 0.00	32.84 1.26 0.00	34.08 1.33 0.00	33.56 1.23 0.00	26.42 1.00 0.00	22.35 0.69 0.00	20.20 0.58 0.00
V_F_30_SYNC_DSASP 323786	15.61 0.34 0.00	17.27 0.33 0.00	15.24 0.30 0.00	17.79 0.28 0.00	18.35 0.26 0.00	21.51 0.13 0.00	22.39 0.15 0.00	28.81 0.36 0.00	20.62 0.27 0.00	20.24 0.21 0.00	19.77 0.20 0.00	19.26 0.20 0.00	18.34 0.21 0.00	19.21 0.22 0.00	20.64 0.24 0.00	21.14 0.27 0.00	24.56 0.35 0.00	27.37 0.39 0.00	32.05 0.48 0.00	33.19 0.45 0.00	32.69 0.36 0.00	25.70 0.28 0.00	21.83 0.17 0.00	19.73 0.11 0.00
V_XM_10_SYNC_DSASP 323789	15.19 -0.08 0.00	16.94 0.00 0.00	14.77 -0.17 0.00	18.06 0.56 0.00	18.87 0.78 0.00	22.28 0.91 0.00	23.27 1.04 0.00	29.03 0.58 0.00	20.64 0.29 0.00	20.35 0.31 0.00	19.75 0.18 0.00	19.36 0.30 0.00	18.36 0.22 0.00	19.27 0.28 0.00	20.61 0.20 0.00	21.38 0.51 0.00	24.94 0.73 0.00	28.11 1.14 0.00	33.17 1.59 0.00	34.37 1.62 0.00	33.82 1.49 0.00	26.59 1.17 0.00	22.63 0.97 0.00	20.57 0.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.06 0.79 0.00	17.77 0.82 0.00	15.60 0.67 0.00	18.28 0.77 0.00	18.85 0.76 0.00	22.32 0.95 0.00	23.30 1.06 0.00	30.10 1.65 0.00	21.66 1.31 0.00	21.32 1.28 0.00	20.96 1.39 0.00	20.44 1.38 0.00	19.47 1.34 0.00	20.48 1.48 0.00	21.97 1.57 0.00	22.55 1.68 0.00	26.25 2.04 0.00	29.09 2.11 0.00	33.90 2.33 0.00	34.98 2.23 0.00	34.46 2.14 0.00	26.91 1.49 0.00	22.72 1.07 0.00	20.47 0.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.16 0.89 0.00	17.87 0.92 0.00	15.68 0.74 0.00	18.36 0.85 0.00	18.92 0.84 0.00	22.39 1.02 0.00	23.41 1.18 0.00	30.29 1.84 0.00	21.85 1.50 0.00	21.56 1.53 0.00	21.17 1.61 0.00	20.66 1.59 0.00	19.68 1.55 0.00	20.72 1.73 0.00	22.23 1.83 0.00	22.82 1.94 0.00	26.55 2.34 0.00	29.41 2.43 0.00	34.21 2.63 0.00	35.28 2.53 0.00	34.75 2.42 0.00	27.08 1.66 0.00	22.86 1.20 0.00	20.60 0.98 0.00
W50THST__13_KV_LOAD 356117	16.25 0.98 0.00	17.96 1.01 0.00	15.75 0.81 0.00	18.45 0.94 0.00	19.01 0.93 0.00	22.51 1.14 0.00	23.54 1.31 0.00	30.48 2.03 0.00	22.00 1.65 0.00	21.73 1.69 0.00	21.33 1.76 0.00	20.81 1.75 0.00	19.84 1.71 0.00	20.89 1.90 0.00	22.42 2.02 0.00	23.01 2.14 0.00	26.77 2.56 0.00	29.66 2.68 0.00	34.48 2.90 0.00	35.52 2.78 0.00	34.98 2.65 0.00	27.25 1.83 0.00	23.00 1.34 0.00	20.72 1.09 0.00
WADING RIVER_IC_1 23522	16.68 1.41 0.00	18.44 1.50 0.00	16.13 1.19 0.00	18.92 1.41 0.00	19.54 1.45 0.00	23.23 1.86 0.00	26.94 1.94 -2.76	31.46 2.75 -0.26	29.76 2.14 -7.27	24.11 2.18 -1.90	33.13 2.38 -11.19	23.31 2.32 -1.94	23.53 2.23 -3.16	21.35 2.31 -0.06	22.67 2.27 0.00	24.07 2.45 -0.74	27.59 2.96 -0.42	29.41 2.83 0.39	34.61 3.04 0.00	35.70 2.96 0.00	60.74 2.97 -25.44	28.63 2.26 -0.95	26.69 1.73 -3.31	21.55 1.54 -0.39



WADING RIVER_IC_2 23547	16.68 1.41 0.00	18.44 1.50 0.00	16.13 1.19 0.00	18.92 1.41 0.00	19.54 1.45 0.00	23.23 1.86 0.00	26.94 1.94 -2.76	31.46 2.75 -0.26	29.76 2.14 -7.27	24.11 2.18 -1.90	33.13 2.38 -11.19	23.31 2.32 -1.94	23.53 2.23 -3.16	21.35 2.31 -0.06	22.67 2.27 0.00	24.07 2.45 -0.74	27.59 2.96 -0.42	29.41 2.83 0.39	34.61 3.04 0.00	35.70 2.96 0.00	60.74 2.97 -25.44	28.63 2.26 -0.95	26.69 1.73 -3.31	21.55 1.54 -0.39
WADING RIVER_IC_3 23601	16.68 1.41 0.00	18.44 1.50 0.00	16.13 1.19 0.00	18.92 1.41 0.00	19.54 1.45 0.00	23.23 1.86 0.00	26.94 1.94 -2.76	31.46 2.75 -0.26	29.76 2.14 -7.27	24.11 2.18 -1.90	33.13 2.38 -11.19	23.31 2.32 -1.94	23.53 2.23 -3.16	21.35 2.31 -0.06	22.67 2.27 0.00	24.07 2.45 -0.74	27.59 2.96 -0.42	29.41 2.83 0.39	34.61 3.04 0.00	35.70 2.96 0.00	60.74 2.97 -25.44	28.63 2.26 -0.95	26.69 1.73 -3.31	21.55 1.54 -0.39
WALDENNY_I2_KV_BK2 80841	15.31 0.04 0.00	17.02 0.08 0.00	15.18 0.24 0.00	17.55 0.04 0.00	18.13 0.05 0.00	21.57 0.20 0.00	22.20 -0.03 0.00	28.28 -0.17 0.00	20.44 0.09 0.00	20.31 0.28 0.00	19.77 0.21 0.00	19.16 0.10 0.00	18.06 -0.07 0.00	18.93 -0.07 0.00	20.66 0.25 0.00	21.09 0.22 0.00	24.36 0.15 0.00	27.05 0.07 0.00	31.68 0.10 0.00	32.90 0.15 0.00	32.47 0.14 0.00	25.50 0.08 0.00	21.86 0.21 0.00	19.93 0.31 0.00
WALDEN___HYDRO 24148	16.08 0.81 0.00	17.79 0.85 0.00	15.63 0.69 0.00	18.31 0.81 0.00	18.88 0.79 0.00	22.34 0.97 0.00	23.33 1.09 0.00	30.11 1.66 0.00	21.65 1.29 0.00	21.26 1.23 0.00	20.86 1.29 0.00	20.33 1.27 0.00	19.36 1.23 0.00	20.35 1.36 0.00	21.84 1.44 0.00	22.41 1.54 0.00	26.10 1.88 0.00	28.98 2.00 0.00	33.85 2.28 0.00	35.00 2.25 0.00	34.50 2.17 0.00	26.95 1.54 0.00	22.76 1.10 0.00	20.51 0.88 0.00
WARRENSBURG___ 23737	15.82 0.55 0.00	17.50 0.56 0.00	15.37 0.44 0.00	18.06 0.56 0.00	18.65 0.57 0.00	21.85 0.47 0.00	22.91 0.68 0.00	29.53 1.09 0.00	20.97 0.62 0.00	20.51 0.47 0.00	19.92 0.35 0.00	19.39 0.33 0.00	18.44 0.31 0.00	19.32 0.33 0.00	20.73 0.32 0.00	21.29 0.42 0.00	24.77 0.56 0.00	27.83 0.85 0.00	32.82 1.24 0.00	34.11 1.36 0.00	33.54 1.21 0.00	26.38 0.96 0.00	22.24 0.58 0.00	20.07 0.45 0.00
WATERSIDE___6 8 9 23538	16.13 0.86 0.00	17.83 0.88 0.00	15.65 0.71 0.00	18.32 0.81 0.00	18.89 0.80 0.00	22.35 0.98 0.00	23.36 1.12 0.00	30.24 1.79 0.00	21.81 1.45 0.00	21.51 1.47 0.00	21.12 1.55 0.00	20.60 1.54 0.00	19.63 1.50 0.00	20.65 1.66 0.00	22.15 1.75 0.00	22.74 1.86 0.00	26.46 2.25 0.00	29.30 2.32 0.00	34.06 2.48 0.00	35.16 2.41 0.00	34.64 2.31 0.00	27.01 1.59 0.00	22.81 1.15 0.00	20.55 0.93 0.00
WATKINRD_115KV_LN8_ILLION 55919	15.31 0.04 0.00	16.98 0.04 0.00	14.96 0.02 0.00	17.54 0.03 0.00	18.10 0.01 0.00	21.32 -0.05 0.00	22.20 -0.03 0.00	28.52 0.07 0.00	20.33 -0.03 0.00	19.89 -0.14 0.00	19.38 -0.19 0.00	18.88 -0.18 0.00	17.93 -0.20 0.00	18.79 -0.21 0.00	20.15 -0.25 0.00	20.68 -0.20 0.00	24.12 -0.09 0.00	26.93 -0.05 0.00	31.71 0.14 0.00	33.03 0.28 0.00	32.64 0.31 0.00	25.64 0.22 0.00	21.72 0.07 0.00	19.63 0.00 0.00
WATSON___69_KV_BK 1 55734	16.53 1.26 0.00	18.27 1.33 0.00	15.98 1.04 0.00	18.74 1.23 0.00	19.35 1.27 0.00	22.99 1.62 0.00	25.24 1.68 -1.32	31.00 2.43 -0.12	25.75 1.92 -3.49	22.91 1.97 -0.91	31.94 2.18 -10.20	23.13 2.13 -1.94	23.35 2.06 -3.16	21.22 2.15 -0.08	22.52 2.12 0.00	24.20 2.32 -1.01	27.58 2.79 -0.58	29.35 2.63 0.26	34.32 2.74 0.00	35.46 2.72 0.00	47.34 2.86 -12.15	28.04 2.17 -0.45	24.89 1.65 -1.58	21.26 1.45 -0.19
WDELAWARE___HYD 323627	16.51 1.24 0.00	18.26 1.32 0.00	16.05 1.11 0.00	18.80 1.29 0.00	19.40 1.31 0.00	23.03 1.66 0.00	24.07 1.83 0.00	31.12 2.67 0.00	23.35 3.00 0.00	22.82 2.78 0.00	21.57 2.00 0.00	20.94 1.88 0.00	19.92 1.79 0.00	20.95 1.96 0.00	22.46 2.06 0.00	22.84 1.97 0.00	26.71 2.49 0.00	29.81 2.83 0.00	34.87 3.30 0.00	36.11 3.36 0.00	35.58 3.25 0.00	27.75 2.33 0.00	23.40 1.75 0.00	21.08 1.46 0.00
WEST BABYLON___IC 23714	16.46 1.18 0.00	18.20 1.25 0.00	15.92 0.98 0.00	18.67 1.16 0.00	19.27 1.18 0.00	22.88 1.51 0.00	24.11 1.58 -0.29	30.77 2.30 -0.03	22.96 1.83 -0.78	22.12 1.88 -0.20	31.22 2.07 -9.58	23.30 2.03 -2.22	23.47 1.95 -3.40	21.15 2.04 -0.11	22.42 2.01 0.00	24.62 2.22 -1.53	27.76 2.68 -0.87	29.52 2.54 0.00	34.23 2.65 0.00	35.38 2.63 0.00	37.79 2.75 -2.71	27.58 2.06 -0.10	23.57 1.56 -0.35	21.03 1.36 -0.04
WEST CANADA___HYD 24049	15.32 0.05 0.00	16.99 0.05 0.00	14.97 0.04 0.00	17.54 0.04 0.00	18.11 0.03 0.00	21.40 0.02 0.00	22.26 0.03 0.00	28.55 0.10 0.00	20.41 0.06 0.00	20.08 0.04 0.00	19.61 0.05 0.00	19.11 0.05 0.00	18.17 0.04 0.00	19.05 0.06 0.00	20.44 0.04 0.00	20.93 0.06 0.00	24.30 0.09 0.00	27.07 0.09 0.00	31.70 0.12 0.00	32.88 0.13 0.00	32.46 0.13 0.00	25.52 0.10 0.00	21.69 0.03 0.00	19.64 0.02 0.00
WESTERN_NY_WIND 24143	15.42 0.15 0.00	17.12 0.17 0.00	15.26 0.32 0.00	17.62 0.11 0.00	18.20 0.11 0.00	21.69 0.31 0.00	22.36 0.12 0.00	28.44 -0.01 0.00	20.46 0.11 0.00	20.22 0.19 0.00	19.61 0.05 0.00	18.97 -0.10 0.00	17.88 -0.25 0.00	18.69 -0.30 0.00	20.38 -0.03 0.00	20.79 -0.08 0.00	23.99 -0.22 0.00	26.79 -0.19 0.00	31.65 0.07 0.00	33.01 0.27 0.00	32.67 0.34 0.00	25.69 0.27 0.00	22.01 0.35 0.00	20.03 0.41 0.00
WESTOVER___LESR 323668	15.47 0.20 0.00	17.15 0.21 0.00	15.13 0.20 0.00	17.73 0.22 0.00	18.29 0.20 0.00	21.63 0.26 0.00	22.51 0.28 0.00	28.93 0.48 0.00	20.72 0.37 0.00	20.48 0.44 0.00	19.96 0.39 0.00	19.44 0.38 0.00	18.41 0.27 0.00	19.34 0.34 0.00	20.80 0.40 0.00	21.31 0.44 0.00	24.81 0.60 0.00	27.53 0.55 0.00	32.22 0.65 0.00	33.44 0.70 0.00	33.03 0.70 0.00	25.83 0.41 0.00	21.95 0.29 0.00	19.91 0.29 0.00
WETHRSFD_WT_PWR 323626	15.00 -0.27 0.00	16.71 -0.23 0.00	14.91 -0.03 0.00	17.34 -0.17 0.00	17.94 -0.15 0.00	21.34 -0.03 0.00	22.07 -0.16 0.00	28.18 -0.27 0.00	20.33 -0.02 0.00	20.15 0.11 0.00	19.62 0.05 0.00	18.95 -0.11 0.00	17.77 -0.36 0.00	18.69 -0.31 0.00	20.42 0.02 0.00	20.92 0.04 0.00	24.25 0.04 0.00	26.93 -0.05 0.00	31.58 0.01 0.00	32.83 0.09 0.00	32.43 0.10 0.00	25.40 -0.02 0.00	21.73 0.07 0.00	19.72 0.10 0.00
WHAVSTOR_138KV_BK127 55557	16.01 0.74 0.00	17.71 0.76 0.00	15.55 0.61 0.00	18.22 0.72 0.00	18.79 0.70 0.00	22.25 0.87 0.00	23.21 0.97 0.00	29.98 1.53 0.00	21.57 1.22 0.00	21.23 1.20 0.00	20.88 1.31 0.00	20.36 1.30 0.00	19.39 1.26 0.00	20.38 1.39 0.00	21.87 1.47 0.00	22.45 1.57 0.00	26.13 1.91 0.00	28.95 1.97 0.00	33.74 2.17 0.00	34.81 2.07 0.00	34.30 1.97 0.00	26.79 1.37 0.00	22.63 0.97 0.00	20.39 0.77 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.01 0.74 0.00	17.71 0.76 0.00	15.55 0.61 0.00	18.22 0.72 0.00	18.79 0.70 0.00	22.25 0.87 0.00	23.21 0.97 0.00	29.98 1.53 0.00	21.57 1.22 0.00	21.23 1.20 0.00	20.88 1.31 0.00	20.36 1.30 0.00	19.39 1.26 0.00	20.38 1.39 0.00	21.87 1.47 0.00	22.45 1.57 0.00	26.13 1.91 0.00	28.95 1.97 0.00	33.74 2.17 0.00	34.81 2.07 0.00	34.30 1.97 0.00	26.79 1.37 0.00	22.63 0.97 0.00	20.39 0.77 0.00
WHITEHAL_115KV_TB1 80871	16.24 0.97 0.00	17.84 0.89 0.00	15.65 0.71 0.00	18.45 0.94 0.00	19.10 1.01 0.00	22.10 0.73 0.00	23.34 1.10 0.00	30.28 1.83 0.00	21.51 1.16 0.00	20.86 0.83 0.00	20.07 0.50 0.00	19.52 0.46 0.00	18.54 0.41 0.00	19.42 0.43 0.00	20.82 0.42 0.00	21.42 0.55 0.00	24.92 0.71 0.00	28.39 1.41 0.00	33.73 2.15 0.00	35.21 2.47 0.00	34.36 2.03 0.00	27.01 1.59 0.00	22.56 0.90 0.00	20.39 0.77 0.00
WHITEPLN_13_KV_LOAD 356215	16.23 0.96 0.00	17.95 1.00 0.00	15.75 0.82 0.00	18.45 0.94 0.00	19.02 0.93 0.00	22.52 1.14 0.00	23.53 1.30 0.00	30.44 1.99 0.00	21.93 1.57 0.00	21.61 1.57 0.00	21.20 1.63 0.00	20.66 1.60 0.00	19.67 1.54 0.00	20.69 1.70 0.00	22.20 1.80 0.00	22.78 1.91 0.00	26.52 2.31 0.00	29.41 2.43 0.00	34.27 2.70 0.00	35.38 2.63 0.00	34.83 2.50 0.00	27.20 1.78 0.00	22.96 1.30 0.00	20.69 1.07 0.00
WM_FLOYD_69_KV_BK2 356380	16.62 1.34 0.00	18.37 1.43 0.00	16.07 1.13 0.00	18.85 1.34 0.00	19.46 1.37 0.00	23.14 1.76 0.00	26.92 1.83 -2.85	31.32 2.60 -0.27	29.91 2.03 -7.52	24.08 2.08 -1.96	33.11 2.28 -11.26	23.26 2.23 -1.97	23.47 2.15 -3.19	21.29 2.24 -0.06	22.61 2.21 0.00	24.01 2.37 -0.76	27.49 2.85 -0.43	29.28 2.69 0.39	34.45 2.88 0.00	35.61 2.87 0.00	61.51 2.94 -26.23	28.64 2.23 -0.98	26.78 1.71 -3.41	21.54 1.52 -0.40
WOODARD__115KV_TB2 355635	15.18 -0.09 0.00	16.83 -0.12 0.00	14.85 -0.09 0.00	17.37 -0.14 0.00	17.94 -0.15 0.00	21.22 -0.15 0.00	22.05 -0.18 0.00	28.23 -0.21 0.00	20.20 -0.16 0.00	19.88 -0.15 0.00	19.41 -0.16 0.00	18.90 -0.16 0.00	17.96 -0.17 0.00	18.82 -0.17 0.00	20.22 -0.18 0.00	20.67 -0.21 0.00	23.98 -0.23 0.00	26.72 -0.25 0.00	31.35 -0.23 0.00	32.55 -0.20 0.00	32.15 -0.18 0.00	25.25 -0.17 0.00	21.47 -0.18 0.00	19.49 -0.13 0.00
YORK__WARBASSE 23770	16.19 0.91 0.00	17.89 0.94 0.00	15.69 0.75 0.00	18.38 0.87 0.00	18.96 0.87 0.00	22.44 1.07 0.00	23.46 1.22 0.00	30.36 1.91 0.00	21.89 1.54 0.00	21.59 1.55 0.00	21.20 1.63 0.00	20.69 1.63 0.00	19.71 1.58 0.00	20.73 1.74 0.00	22.25 1.85 0.00	22.83 1.96 0.00	26.58 2.37 0.00	29.43 2.45 0.00	34.20 2.62 0.00	35.29 2.54 0.00	34.78 2.46 0.00	27.15 1.73 0.00	22.92 1.27 0.00	20.64 1.02 0.00