

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										04/01/2024			
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		18.41	17.63	18.58	18.11	17.59	20.26	27.57	30.99	33.34	34.28	32.30	29.50	24.00	21.41	21.55	20.21	20.41	21.52	23.04	37.06	32.36	29.75	23.09	22.15
24138		0.63	0.55	0.46	0.47	0.47	0.41	0.61	0.93	1.45	1.68	1.66	1.64	1.44	1.36	1.41	1.35	1.26	1.21	1.22	2.01	1.50	1.22	1.01	0.93
		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		18.41	17.63	18.59	18.12	17.59	20.26	27.58	31.00	33.34	34.26	32.27	29.47	23.97	21.38	21.52	20.17	20.36	21.49	23.01	37.04	32.36	29.76	23.09	22.14
24260		0.63	0.55	0.47	0.48	0.47	0.42	0.62	0.94	1.45	1.66	1.63	1.61	1.41	1.32	1.38	1.32	1.22	1.18	1.19	1.99	1.50	1.23	1.01	0.92
		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		18.41	17.63	18.59	18.12	17.59	20.26	27.58	31.00	33.34	34.26	32.27	29.47	23.97	21.38	21.52	20.17	20.36	21.49	23.01	37.04	32.36	29.76	23.09	22.14
24261		0.63	0.55	0.47	0.48	0.47	0.42	0.62	0.94	1.45	1.66	1.63	1.61	1.41	1.32	1.38	1.32	1.22	1.18	1.19	1.99	1.50	1.23	1.01	0.92
		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		18.27	17.49	18.60	18.12	17.62	20.41	27.70	30.99	32.89	33.52	31.68	28.78	23.15	20.54	20.56	19.22	19.55	20.95	22.51	36.47	32.05	29.57	22.74	21.91
24011		0.49	0.42	0.49	0.49	0.51	0.57	0.74	0.93	1.01	0.92	1.04	0.91	0.59	0.49	0.42	0.36	0.40	0.64	0.69	1.43	1.19	1.04	0.65	0.69
		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		18.37	17.56	18.69	18.21	17.74	20.53	27.85	31.15	33.04	33.64	31.85	28.91	23.24	20.64	20.63	19.26	19.59	21.08	22.64	36.77	32.32	29.83	22.87	22.05
23798		0.58	0.48	0.57	0.57	0.63	0.69	0.89	1.10	1.16	1.04	1.20	1.05	0.68	0.58	0.50	0.41	0.44	0.78	0.82	1.73	1.46	1.30	0.78	0.83
		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		18.27	17.49	18.60	18.12	17.62	20.41	27.70	30.99	32.89	33.52	31.68	28.78	23.15	20.54	20.56	19.22	19.55	20.95	22.51	36.47	32.05	29.57	22.74	21.91
24028		0.49	0.42	0.49	0.49	0.51	0.57	0.74	0.93	1.01	0.92	1.04	0.91	0.59	0.49	0.42	0.36	0.40	0.64	0.69	1.43	1.19	1.04	0.65	0.69
		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		18.27	17.60	18.69	18.23	17.52	20.26	27.37	30.61	32.52	33.06	31.27	28.48	23.05	20.53	20.56	19.22	19.56	20.61	22.11	35.84	31.47	29.15	22.55	21.81
23527		0.48	0.52	0.57	0.59	0.41	0.42	0.41	0.56	0.63	0.46	0.63	0.61	0.49	0.47	0.43	0.37	0.41	0.31	0.28	0.80	0.60	0.62	0.46	0.58
		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		17.99	17.27	18.25	17.79	17.24	19.93	26.91	30.08	32.03	32.60	30.75	27.96	22.58	20.04	20.10	18.82	19.23	20.28	21.73	34.85	30.60	28.28	21.98	21.27
24190		0.20	0.19	0.14	0.16	0.13	0.08	-0.05	0.02	0.14	0.00	0.10	0.09	0.02	-0.01	-0.04	-0.03	0.09	-0.03	-0.09	-0.20	-0.27	-0.25	-0.11	0.05
		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		17.89	17.19	18.28	17.78	17.28	20.10	27.33	30.27	31.94	32.71	30.74	27.91	22.60	20.05	20.13	18.86	19.16	20.44	22.00	35.23	31.20	28.90	22.32	21.29
355683		0.10	0.11	0.17	0.14	0.17	0.25	0.37	0.21	0.06	0.11	0.10	0.05	0.03	0.00	0.00	0.00	0.01	0.13	0.17	0.18	0.34	0.37	0.23	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_1_SOLAR		18.24	17.55	18.55	18.09	17.52	20.29	27.42	30.61	32.56	33.21	31.26	28.44	22.98	20.40	20.42	19.18	19.54	20.67	22.17	35.69	31.32	28.92	22.43	21.65
323833		0.45	0.47	0.44	0.45	0.41	0.44	0.46	0.56	0.67	0.61	0.62	0.57	0.42	0.34	0.28	0.32	0.39	0.36	0.35	0.64	0.45	0.39	0.34	0.43
		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		18.24	17.55	18.55	18.08	17.51	20.28	27.42	30.60	32.55	33.20	31.24	28.43	22.97	20.39	20.41	19.17	19.53	20.66	22.17	35.68	31.31	28.91	22.42	21.65
323834		0.45	0.47	0.43	0.44	0.40	0.43	0.46	0.55	0.66	0.61	0.60	0.57	0.41	0.34	0.28	0.32	0.38	0.35	0.34	0.63	0.44	0.38	0.33	0.42
		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		17.99	17.27	18.25	17.79	17.24	19.93	26.91	30.08	32.03	32.60	30.75	27.96	22.58	20.04	20.10	18.82	19.23	20.28	21.73	34.85	30.60	28.28	21.98	21.27
23571		0.20	0.19	0.14	0.16	0.13	0.08	-0.05	0.02	0.14	0.00	0.10	0.09	0.02	-0.01	-0.04	-0.03	0.09	-0.03	-0.09	-0.20	-0.27	-0.25	-0.11	0.05
		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	17.99 0.20 0.00	17.27 0.19 0.00	18.25 0.14 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.08 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.60 0.00 0.00	30.75 0.10 0.00	27.96 0.09 0.00	22.58 0.02 0.00	20.04 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.23 0.09 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 0.00 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
ALBANY___3 23573	17.99 0.20 0.00	17.27 0.19 0.00	18.25 0.14 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.08 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.60 0.00 0.00	30.75 0.10 0.00	27.96 0.09 0.00	22.58 0.02 0.00	20.04 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.23 0.09 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 -0.20 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
ALBANY___4 23574	17.99 0.20 0.00	17.27 0.19 0.00	18.25 0.14 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.08 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.60 0.00 0.00	30.75 0.10 0.00	27.96 0.09 0.00	22.58 0.02 0.00	20.04 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.23 0.09 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 -0.20 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
ALBANY___LFGE 323615	18.12 0.34 0.00	17.39 0.31 0.00	18.38 0.26 0.00	17.92 0.29 0.00	17.36 0.25 0.00	20.08 0.24 0.00	27.13 0.17 0.00	30.34 0.29 0.00	32.32 0.43 0.00	32.92 0.32 0.00	31.05 0.41 0.00	28.25 0.39 0.00	22.80 0.24 0.00	20.24 0.19 0.00	20.31 0.17 0.00	19.02 0.16 0.00	19.41 0.26 0.00	20.49 0.18 0.00	21.96 0.13 0.00	35.24 0.20 0.00	30.93 0.07 0.00	28.58 0.05 0.00	22.19 0.10 0.00	21.46 0.24 0.00
ALCOA_PA_115KV_PL-6C 55860	17.93 0.14 0.00	17.22 0.15 0.00	18.32 0.21 0.00	17.83 0.19 0.00	17.33 0.22 0.00	20.16 0.31 0.00	27.43 0.47 0.00	30.36 0.31 0.00	32.03 0.14 0.00	32.78 0.19 0.00	30.80 0.16 0.00	27.94 0.08 0.00	22.61 0.05 0.00	20.07 0.01 0.00	20.15 0.01 0.00	18.86 0.01 0.00	19.18 0.03 0.00	20.46 0.15 0.00	22.04 0.22 0.00	35.33 0.29 0.00	31.30 0.44 0.00	28.98 0.45 0.00	22.37 0.28 0.00	21.33 0.10 0.00
ALCOA_RYNLDS___DRP 24188	17.93 0.14 0.00	17.22 0.15 0.00	18.32 0.21 0.00	17.83 0.19 0.00	17.33 0.22 0.00	20.16 0.31 0.00	27.43 0.47 0.00	30.36 0.31 0.00	32.03 0.14 0.00	32.78 0.19 0.00	30.80 0.16 0.00	27.94 0.08 0.00	22.61 0.05 0.00	20.07 0.01 0.00	20.15 0.01 0.00	18.86 0.01 0.00	19.18 0.03 0.00	20.46 0.15 0.00	22.04 0.22 0.00	35.33 0.29 0.00	31.30 0.44 0.00	28.98 0.45 0.00	22.37 0.28 0.00	21.33 0.10 0.00
ALCOA___DSASP 323711	17.93 0.14 0.00	17.22 0.15 0.00	18.33 0.21 0.00	17.83 0.19 0.00	17.33 0.22 0.00	20.16 0.31 0.00	27.43 0.47 0.00	30.36 0.31 0.00	32.03 0.14 0.00	32.78 0.19 0.00	30.80 0.16 0.00	27.94 0.08 0.00	22.61 0.05 0.00	20.07 0.01 0.00	20.15 0.01 0.00	18.87 0.02 0.00	19.17 0.03 0.00	20.46 0.15 0.00	22.04 0.22 0.00	35.33 0.29 0.00	31.30 0.44 0.00	28.98 0.45 0.00	22.37 0.28 0.00	21.33 0.11 0.00
ALLEGHENY___COGEN 23514	18.58 0.79 0.00	17.81 0.73 0.00	18.88 0.77 0.00	18.36 0.73 0.00	17.87 0.75 0.00	20.82 0.98 0.00	28.66 1.70 0.00	31.98 1.93 0.00	34.05 2.16 0.00	34.79 2.20 0.00	32.17 1.53 0.00	28.71 0.85 0.00	23.02 0.46 0.00	20.38 0.33 0.00	20.47 0.34 0.00	19.20 0.34 0.00	19.57 0.42 0.00	20.69 0.38 0.00	22.66 0.84 0.00	37.01 1.97 0.00	32.39 1.53 0.00	29.96 1.43 0.00	23.21 1.12 0.00	22.13 0.90 0.00
ALTAMONT_115KV_TB 2 55880	18.05 0.26 0.00	17.33 0.25 0.00	18.35 0.23 0.00	17.87 0.24 0.00	17.32 0.21 0.00	20.04 0.20 0.00	27.14 0.18 0.00	30.34 0.29 0.00	32.31 0.42 0.00	33.00 0.40 0.00	31.08 0.43 0.00	28.29 0.43 0.00	22.90 0.34 0.00	20.35 0.30 0.00	20.43 0.30 0.00	19.12 0.27 0.00	19.43 0.29 0.00	20.56 0.25 0.00	22.07 0.24 0.00	35.54 0.49 0.00	31.19 0.33 0.00	28.79 0.26 0.00	22.31 0.22 0.00	21.50 0.28 0.00
ALTONA_WT_PWR 323606	18.15 0.35 0.00	17.36 0.28 0.00	18.60 0.49 0.00	18.15 0.51 0.00	17.62 0.51 0.00	20.50 0.66 0.00	27.91 0.95 0.00	31.32 1.26 0.00	33.28 1.39 0.00	34.39 1.79 0.00	32.33 1.69 0.00	28.95 1.09 0.00	23.10 0.54 0.00	20.41 0.35 0.00	20.44 0.30 0.00	19.03 0.18 0.00	19.02 -0.13 0.00	20.78 0.47 0.00	23.03 1.21 0.00	37.57 2.52 0.00	33.00 2.13 0.00	30.48 1.95 0.00	23.45 1.36 0.00	22.41 1.18 0.00
AMERICAN_REF_FUEL 24010	17.40 -0.39 0.00	16.74 -0.34 0.00	17.78 -0.33 0.00	17.27 -0.36 0.00	16.88 -0.23 0.00	19.74 -0.10 0.00	26.91 -0.05 0.00	29.81 -0.24 0.00	31.32 -0.56 0.00	31.61 -0.99 0.00	29.30 -1.34 0.00	26.87 -1.00 0.00	21.83 -0.73 0.00	19.32 -0.73 0.00	19.47 -0.67 0.00	18.31 -0.54 0.00	18.80 -0.34 0.00	19.94 -0.37 0.00	21.54 -0.28 0.00	34.29 -0.75 0.00	29.74 -1.12 0.00	27.82 -0.70 0.00	21.84 -0.24 0.00	20.95 -0.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.18 0.39 0.00	17.44 0.37 0.00	18.46 0.35 0.00	17.99 0.35 0.00	17.51 0.40 0.00	20.48 0.64 0.00	28.13 1.17 0.00	31.45 1.39 0.00	33.15 1.27 0.00	33.67 1.08 0.00	31.10 0.46 0.00	28.49 0.63 0.00	23.08 0.51 0.00	20.39 0.34 0.00	20.53 0.40 0.00	19.31 0.46 0.00	19.68 0.54 0.00	20.76 0.44 0.00	22.51 0.69 0.00	36.10 1.06 0.00	30.93 0.06 0.00	28.68 0.16 0.00	22.26 0.17 0.00	21.45 0.22 0.00
ARTHUR KILL_GT_1 23520	18.44 0.65 0.00	17.65 0.58 0.00	18.60 0.49 0.00	18.14 0.51 0.00	17.60 0.49 0.00	20.30 0.45 0.00	27.61 0.65 0.00	30.99 0.94 0.00	33.31 1.42 0.00	34.11 1.52 0.00	32.19 1.54 0.00	29.38 1.52 0.00	23.89 1.33 0.00	21.28 1.23 0.00	21.39 1.25 0.00	20.10 1.25 0.00	20.27 1.12 0.00	21.40 1.10 0.00	22.93 1.11 0.00	36.78 1.74 0.00	32.30 1.44 0.00	29.77 1.24 0.00	23.14 1.05 0.00	22.21 0.99 0.00
ARTHUR_KILL_2 23512	18.39 0.60 0.00	17.61 0.53 0.00	18.56 0.44 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.54 0.57 0.00	30.90 0.85 0.00	33.21 1.33 0.00	34.02 1.42 0.00	32.09 1.45 0.00	29.30 1.44 0.00	23.83 1.27 0.00	21.22 1.17 0.00	21.33 1.20 0.00	20.04 1.19 0.00	20.21 1.06 0.00	21.34 1.04 0.00	22.86 1.04 0.00	36.66 1.62 0.00	32.20 1.33 0.00	29.68 1.16 0.00	23.07 0.98 0.00	22.15 0.92 0.00
ARTHUR_KILL_3 23513	18.23 0.44 0.00	17.45 0.38 0.00	18.40 0.28 0.00	17.93 0.30 0.00	17.40 0.29 0.00	20.04 0.20 0.00	27.27 0.31 0.00	30.63 0.58 0.00	32.93 1.05 0.00	33.85 1.25 0.00	31.89 1.25 0.00	29.12 1.25 0.00	23.69 1.13 0.00	21.12 1.07 0.00	21.26 1.13 0.00	19.94 1.09 0.00	20.13 0.98 0.00	21.23 0.92 0.00	22.73 0.91 0.00	36.59 1.55 0.00	31.98 1.11 0.00	29.41 0.88 0.00	22.84 0.75 0.00	21.91 0.69 0.00

[illegible]

ASTORIA_GT4_4 24105	18.34 0.55 0.00	17.57 0.49 0.00	18.51 0.39 0.00	18.05 0.41 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.41 0.46 0.00	30.84 0.78 0.00	33.16 1.28 0.00	34.04 1.45 0.00	32.06 1.42 0.00	29.29 1.43 0.00	23.84 1.28 0.00	21.23 1.18 0.00	21.36 1.23 0.00	20.10 1.24 0.00	20.19 1.04 0.00	21.33 1.03 0.00	22.85 1.03 0.00	36.78 1.74 0.00	32.18 1.32 0.00	29.62 1.09 0.00	22.98 0.89 0.00	22.02 0.79 0.00
ASTORIA_GT_1 23523	18.37 0.58 0.00	17.59 0.52 0.00	18.53 0.42 0.00	18.08 0.44 0.00	17.52 0.41 0.00	20.19 0.34 0.00	27.46 0.50 0.00	30.89 0.84 0.00	33.22 1.34 0.00	34.11 1.51 0.00	32.12 1.48 0.00	29.35 1.48 0.00	23.88 1.32 0.00	21.27 1.22 0.00	21.41 1.27 0.00	20.12 1.27 0.00	20.23 1.08 0.00	21.37 1.07 0.00	22.89 1.07 0.00	36.85 1.81 0.00	32.25 1.38 0.00	29.67 1.15 0.00	23.02 0.93 0.00	22.06 0.84 0.00
ASTORIA_GT_10 24110	18.32 0.54 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.29 0.00	27.40 0.44 0.00	30.81 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.05 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.39 1.25 0.00	20.08 1.23 0.00	20.24 1.09 0.00	21.36 1.05 0.00	22.87 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.06 0.00	22.96 0.87 0.00	22.00 0.78 0.00
ASTORIA_GT_11 24225	18.32 0.54 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.29 0.00	27.40 0.44 0.00	30.81 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.05 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.39 1.25 0.00	20.08 1.23 0.00	20.24 1.09 0.00	21.36 1.05 0.00	22.87 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.06 0.00	22.96 0.87 0.00	22.00 0.78 0.00
ASTORIA_GT_12 24226	18.32 0.54 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.29 0.00	27.40 0.44 0.00	30.81 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.05 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.39 1.25 0.00	20.08 1.23 0.00	20.24 1.09 0.00	21.36 1.05 0.00	22.87 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.06 0.00	22.96 0.87 0.00	22.00 0.78 0.00
ASTORIA_GT_13 24227	18.32 0.54 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.29 0.00	27.40 0.44 0.00	30.81 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.05 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.39 1.25 0.00	20.08 1.23 0.00	20.24 1.09 0.00	21.36 1.05 0.00	22.87 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.06 0.00	22.96 0.87 0.00	22.00 0.78 0.00
ASTORIA_GT_5 24106	18.37 0.58 0.00	17.59 0.52 0.00	18.53 0.42 0.00	18.08 0.44 0.00	17.52 0.41 0.00	20.18 0.34 0.00	27.46 0.50 0.00	30.89 0.84 0.00	33.23 1.34 0.00	34.11 1.51 0.00	32.12 1.48 0.00	29.35 1.48 0.00	23.89 1.33 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.13 1.28 0.00	20.23 1.08 0.00	21.37 1.07 0.00	22.89 1.07 0.00	36.85 1.81 0.00	32.24 1.38 0.00	29.67 1.15 0.00	23.02 0.93 0.00	22.06 0.83 0.00
ASTORIA_GT_7 24107	18.37 0.58 0.00	17.59 0.52 0.00	18.53 0.42 0.00	18.08 0.44 0.00	17.52 0.41 0.00	20.18 0.34 0.00	27.46 0.50 0.00	30.89 0.84 0.00	33.23 1.34 0.00	34.11 1.51 0.00	32.12 1.48 0.00	29.35 1.48 0.00	23.89 1.33 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.13 1.28 0.00	20.23 1.08 0.00	21.37 1.07 0.00	22.89 1.07 0.00	36.85 1.81 0.00	32.24 1.38 0.00	29.67 1.15 0.00	23.02 0.93 0.00	22.06 0.83 0.00
ASTORIA_GT_8 24108	18.37 0.58 0.00	17.59 0.52 0.00	18.53 0.42 0.00	18.08 0.44 0.00	17.52 0.41 0.00	20.18 0.34 0.00	27.46 0.50 0.00	30.89 0.84 0.00	33.23 1.34 0.00	34.11 1.51 0.00	32.12 1.48 0.00	29.35 1.48 0.00	23.89 1.33 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.13 1.28 0.00	20.23 1.08 0.00	21.37 1.07 0.00	22.89 1.07 0.00	36.85 1.81 0.00	32.24 1.38 0.00	29.67 1.15 0.00	23.02 0.93 0.00	22.06 0.83 0.00
ASTORIA___2 24149	18.34 0.55 0.00	17.57 0.49 0.00	18.50 0.39 0.00	18.05 0.41 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.41 0.46 0.00	30.84 0.78 0.00	33.16 1.27 0.00	34.04 1.44 0.00	32.06 1.42 0.00	29.29 1.43 0.00	23.84 1.28 0.00	21.23 1.18 0.00	21.36 1.23 0.00	20.09 1.23 0.00	20.19 1.04 0.00	21.33 1.03 0.00	22.85 1.02 0.00	36.78 1.74 0.00	32.18 1.32 0.00	29.62 1.09 0.00	22.98 0.89 0.00	22.02 0.80 0.00
ASTORIA___3 23516	18.33 0.53 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.06 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.38 1.25 0.00	20.09 1.23 0.00	20.24 1.09 0.00	21.35 1.05 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00
ASTORIA___4 23517	18.32 0.54 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.29 0.00	27.40 0.44 0.00	30.81 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.05 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.39 1.25 0.00	20.08 1.23 0.00	20.24 1.09 0.00	21.35 1.05 0.00	22.87 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.06 0.00	22.96 0.87 0.00	22.00 0.78 0.00
ASTORIA___5 23518	18.33 0.53 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.06 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.38 1.25 0.00	20.09 1.23 0.00	20.24 1.09 0.00	21.35 1.05 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00
AST_ENERGY_2_CC3 323677	18.28 0.49 0.00	17.50 0.42 0.00	18.44 0.33 0.00	17.99 0.35 0.00	17.47 0.35 0.00	20.09 0.25 0.00	27.32 0.36 0.00	30.69 0.64 0.00	33.01 1.13 0.00	33.92 1.33 0.00	31.96 1.32 0.00	29.18 1.32 0.00	23.75 1.19 0.00	21.18 1.13 0.00	21.32 1.19 0.00	20.00 1.14 0.00	20.19 1.04 0.00	21.29 0.99 0.00	22.81 0.98 0.00	36.69 1.64 0.00	32.06 1.20 0.00	29.48 0.95 0.00	22.89 0.80 0.00	21.95 0.73 0.00
AST_ENERGY_2_CC4 323678	18.28 0.49 0.00	17.50 0.42 0.00	18.44 0.33 0.00	17.99 0.35 0.00	17.47 0.35 0.00	20.09 0.25 0.00	27.32 0.36 0.00	30.69 0.64 0.00	33.01 1.13 0.00	33.92 1.33 0.00	31.96 1.32 0.00	29.18 1.32 0.00	23.75 1.19 0.00	21.18 1.13 0.00	21.32 1.19 0.00	20.00 1.14 0.00	20.19 1.04 0.00	21.29 0.99 0.00	22.81 0.98 0.00	36.69 1.64 0.00	32.06 1.20 0.00	29.48 0.95 0.00	22.89 0.80 0.00	21.95 0.73 0.00

ATHENS_STG_1 23668	18.05 0.27 0.00	17.34 0.26 0.00	18.36 0.25 0.00	17.88 0.25 0.00	17.32 0.21 0.00	20.03 0.18 0.00	27.16 0.20 0.00	30.39 0.33 0.00	32.45 0.56 0.00	33.19 0.60 0.00	31.27 0.63 0.00	28.50 0.63 0.00	23.12 0.56 0.00	20.60 0.54 0.00	20.68 0.55 0.00	19.36 0.50 0.00	19.61 0.47 0.00	20.75 0.44 0.00	22.25 0.42 0.00	35.84 0.80 0.00	31.41 0.55 0.00	28.93 0.40 0.00	22.40 0.31 0.00	21.56 0.34 0.00
ATHENS_STG_2 23670	18.05 0.27 0.00	17.34 0.26 0.00	18.36 0.25 0.00	17.88 0.25 0.00	17.32 0.21 0.00	20.03 0.18 0.00	27.16 0.20 0.00	30.39 0.33 0.00	32.45 0.56 0.00	33.19 0.60 0.00	31.27 0.63 0.00	28.50 0.63 0.00	23.12 0.56 0.00	20.60 0.54 0.00	20.68 0.55 0.00	19.36 0.50 0.00	19.61 0.47 0.00	20.75 0.44 0.00	22.25 0.42 0.00	35.84 0.80 0.00	31.41 0.55 0.00	28.93 0.40 0.00	22.40 0.31 0.00	21.56 0.34 0.00
ATHENS_STG_3 23677	18.05 0.27 0.00	17.34 0.26 0.00	18.36 0.25 0.00	17.88 0.25 0.00	17.32 0.21 0.00	20.03 0.18 0.00	27.16 0.20 0.00	30.39 0.33 0.00	32.45 0.56 0.00	33.19 0.60 0.00	31.27 0.63 0.00	28.50 0.63 0.00	23.12 0.56 0.00	20.60 0.54 0.00	20.68 0.55 0.00	19.36 0.50 0.00	19.61 0.47 0.00	20.75 0.44 0.00	22.25 0.42 0.00	35.84 0.80 0.00	31.41 0.55 0.00	28.93 0.40 0.00	22.40 0.31 0.00	21.56 0.34 0.00
AUBURN___LFGE 323710	17.75 -0.04 0.00	17.03 -0.05 0.00	18.06 -0.05 0.00	17.59 -0.04 0.00	17.10 -0.01 0.00	19.88 0.04 0.00	27.12 0.16 0.00	30.25 0.20 0.00	31.85 -0.04 0.00	32.57 -0.02 0.00	30.52 -0.12 0.00	27.69 -0.18 0.00	22.34 -0.22 0.00	19.77 -0.29 0.00	19.82 -0.31 0.00	18.62 -0.23 0.00	18.88 -0.26 0.00	20.15 -0.16 0.00	21.80 -0.03 0.00	35.03 -0.01 0.00	30.73 -0.14 0.00	28.35 -0.18 0.00	22.01 -0.08 0.00	21.16 -0.06 0.00
BABYLON_RES_REC 323704	18.44 0.65 0.00	17.65 0.58 0.00	18.61 0.50 0.00	18.12 0.48 0.00	17.59 0.48 0.00	20.33 0.48 0.00	27.49 0.53 0.00	30.69 0.64 0.00	33.12 1.23 0.00	34.24 1.64 0.00	32.29 1.58 -0.07	29.71 1.70 -0.15	25.06 1.58 -0.92	22.44 1.34 -1.05	23.13 1.45 -1.54	20.10 1.25 0.00	20.09 0.94 0.00	21.47 1.16 0.00	23.06 1.23 0.00	38.11 2.41 -0.66	32.62 1.75 0.00	29.94 1.41 0.00	23.22 1.14 0.00	22.24 1.01 0.00
BABYLON__69_KV_BK2 356345	18.66 0.87 0.00	17.82 0.75 0.00	18.80 0.69 0.00	18.29 0.66 0.00	17.77 0.66 0.00	20.55 0.70 0.00	27.79 0.83 0.00	30.99 0.94 0.00	33.46 1.57 0.00	34.61 2.02 0.00	32.61 1.91 -0.06	30.01 2.01 -0.13	25.23 1.84 -0.83	22.53 1.56 -0.92	23.21 1.68 -1.39	20.32 1.47 0.00	20.27 1.13 0.00	21.70 1.40 0.00	23.32 1.50 0.00	38.57 2.87 -0.65	32.99 2.13 0.00	30.28 1.75 0.00	23.48 1.40 0.00	22.47 1.25 0.00
BALL_HILL_WT_PWR 323825	17.91 0.12 0.00	17.20 0.13 0.00	18.24 0.13 0.00	17.74 0.11 0.00	17.30 0.19 0.00	20.24 0.40 0.00	27.69 0.73 0.00	30.83 0.77 0.00	32.53 0.65 0.00	33.03 0.44 0.00	30.55 -0.09 0.00	27.93 0.06 0.00	22.63 0.06 0.00	20.03 -0.03 0.00	20.18 0.04 0.00	18.98 0.12 0.00	19.39 0.24 0.00	20.50 0.20 0.00	22.18 0.36 0.00	35.55 0.51 0.00	30.68 -0.19 0.00	28.58 0.05 0.00	22.26 0.17 0.00	21.39 0.16 0.00
BARON_WINDS___WT_PWR 323822	17.95 0.16 0.00	17.20 0.12 0.00	18.24 0.12 0.00	17.74 0.10 0.00	17.17 0.06 0.00	19.89 0.05 0.00	27.39 0.43 0.00	30.57 0.52 0.00	32.88 1.00 0.00	33.98 1.39 0.00	31.58 0.94 0.00	28.80 0.94 0.00	23.22 0.66 0.00	20.54 0.49 0.00	20.65 0.52 0.00	19.39 0.54 0.00	19.61 0.46 0.00	20.64 0.34 0.00	22.31 0.49 0.00	36.04 1.00 0.00	31.18 0.32 0.00	28.88 0.35 0.00	22.39 0.30 0.00	21.33 0.11 0.00
BARRETT_IC_1 23704	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_10 23701	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_11 23702	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_12 23703	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_2 23705	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_3 23706	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_4 23707	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00

BARRETT_IC_5 23708	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_6 23709	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_7 23710	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.21 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.05 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.77 0.94 0.00	37.56 1.86 -0.66	32.16 1.30 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.80 0.00
BARRETT_IC_8 23711	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT_IC_9 23700	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT___1 23545	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BARRETT___2 23546	18.30 0.51 0.00	17.53 0.46 0.00	18.48 0.36 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.21 0.25 0.00	30.28 0.23 0.00	32.66 0.77 0.00	33.80 1.20 0.00	32.64 1.29 -0.71	31.02 1.46 -1.69	33.87 1.37 -9.94	34.57 1.19 -13.33	36.76 1.25 -15.38	19.93 1.06 -0.02	19.91 0.77 0.00	21.22 0.91 0.00	22.76 0.94 0.00	37.56 1.86 -0.66	32.17 1.31 0.00	29.60 1.07 0.00	22.99 0.90 0.00	22.03 0.81 0.00
BATAVIA___115KV_TB1 55881	17.95 0.16 0.00	17.23 0.16 0.00	18.31 0.20 0.00	17.80 0.17 0.00	17.39 0.27 0.00	20.38 0.54 0.00	27.86 0.90 0.00	30.																

BAYONEEC___CTG7 323688	18.30 0.50 0.00	17.52 0.44 0.00	18.46 0.35 0.00	18.00 0.36 0.00	17.47 0.36 0.00	20.12 0.27 0.00	27.37 0.41 0.00	30.75 0.70 0.00	33.06 1.17 0.00	33.98 1.38 0.00	32.01 1.37 0.00	29.23 1.37 0.00	23.78 1.22 0.00	21.21 1.16 0.00	21.34 1.21 0.00	20.02 1.16 0.00	20.21 1.06 0.00	21.32 1.01 0.00	22.84 1.01 0.00	36.74 1.70 0.00	32.10 1.24 0.00	29.53 1.00 0.00	22.92 0.84 0.00	21.99 0.77 0.00
BAYONEEC___CTG8 323689	18.30 0.50 0.00	17.52 0.44 0.00	18.46 0.35 0.00	18.00 0.36 0.00	17.47 0.36 0.00	20.12 0.27 0.00	27.37 0.41 0.00	30.75 0.70 0.00	33.06 1.17 0.00	33.98 1.38 0.00	32.01 1.37 0.00	29.23 1.37 0.00	23.78 1.22 0.00	21.21 1.16 0.00	21.34 1.21 0.00	20.02 1.16 0.00	20.21 1.06 0.00	21.32 1.01 0.00	22.84 1.01 0.00	36.74 1.70 0.00	32.10 1.24 0.00	29.53 1.00 0.00	22.92 0.84 0.00	21.99 0.77 0.00
BAYONEEC___CTG9 323749	18.30 0.50 0.00	17.52 0.44 0.00	18.46 0.35 0.00	18.00 0.36 0.00	17.47 0.36 0.00	20.12 0.27 0.00	27.37 0.41 0.00	30.75 0.70 0.00	33.06 1.17 0.00	33.98 1.38 0.00	32.01 1.37 0.00	29.23 1.37 0.00	23.78 1.22 0.00	21.21 1.16 0.00	21.34 1.21 0.00	20.02 1.16 0.00	20.21 1.06 0.00	21.32 1.01 0.00	22.84 1.01 0.00	36.74 1.70 0.00	32.10 1.24 0.00	29.53 1.00 0.00	22.92 0.84 0.00	21.99 0.77 0.00
BEACON___LESR 323632	18.20 0.41 0.00	17.45 0.37 0.00	18.44 0.33 0.00	17.99 0.36 0.00	17.43 0.31 0.00	20.21 0.36 0.00	27.35 0.39 0.00	30.57 0.51 0.00	32.58 0.69 0.00	33.18 0.59 0.00	31.26 0.62 0.00	28.40 0.54 0.00	22.92 0.36 0.00	20.40 0.35 0.00	20.43 0.29 0.00	19.12 0.27 0.00	19.55 0.40 0.00	20.70 0.39 0.00	22.17 0.34 0.00	35.64 0.59 0.00	31.22 0.36 0.00	28.84 0.31 0.00	22.37 0.28 0.00	21.63 0.41 0.00
BEAVER RIVER___HYD 24048	17.59 -0.20 0.00	16.91 -0.17 0.00	18.07 -0.04 0.00	17.71 0.07 0.00	17.27 0.16 0.00	20.12 0.27 0.00	27.45 0.49 0.00	30.67 0.62 0.00	32.34 0.45 0.00	32.92 0.32 0.00	30.69 0.05 0.00	27.62 -0.24 0.00	22.19 -0.37 0.00	19.55 -0.50 0.00	19.50 -0.64 0.00	18.27 -0.58 0.00	18.54 -0.61 0.00	19.81 -0.50 0.00	21.53 -0.29 0.00	35.01 -0.04 0.00	30.90 0.04 0.00	28.45 -0.08 0.00	21.85 -0.24 0.00	21.16 -0.06 0.00
BEEBEE_GT_13 23619	17.65 -0.14 0.00	16.95 -0.12 0.00	17.99 -0.12 0.00	17.50 -0.13 0.00	17.06 -0.05 0.00	19.92 0.08 0.00	27.18 0.22 0.00	30.26 0.21 0.00	31.88 0.00 0.00	32.35 -0.25 0.00	30.09 -0.55 0.00	27.32 -0.54 0.00	22.09 -0.47 0.00	19.59 0.00 0.00	19.70 -0.43 0.00	18.50 -0.35 0.00	18.91 -0.24 0.00	20.11 -0.19 0.00	21.75 -0.07 0.00	34.89 -0.15 0.00	30.47 -0.39 0.00	28.29 -0.24 0.00	22.02 -0.07 0.00	21.13 -0.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.49 0.70 0.00	17.69 0.62 0.00	18.64 0.52 0.00	18.16 0.53 0.00	17.63 0.52 0.00	20.32 0.47 0.00	27.66 0.70 0.00	31.12 1.07 0.00	33.47 1.59 0.00	34.37 1.77 0.00	32.38 1.74 0.00	29.59 1.73 0.00	24.08 1.52 0.00	21.46 1.41 0.00	21.59 1.45 0.00	20.26 1.41 0.00	20.44 1.29 0.00	21.58 1.27 0.00	23.10 1.28 0.00	37.18 2.13 0.00	32.53 1.66 0.00	29.92 1.40 0.00	23.22 1.13 0.00	22.27 1.04 0.00
BETHLEHEM___GRP 23843	17.99 0.20 0.00	17.27 0.19 0.00	18.25 0.14 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.08 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.60 0.00 0.00	30.75 0.10 0.00	27.96 0.09 0.00	22.58 0.02 0.00	20.04 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.23 0.09 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 -0.20 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
BETHLEHEM___GS1 323560	17.99 0.21 0.00	17.27 0.19 0.00	18.25 0.13 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.09 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.59 0.00 0.00	30.75 0.10 0.00	27.96 0.10 0.00	22.57 0.02 0.00	20.05 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.22 0.08 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 -0.20 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
BETHLEHEM___GS2 323561	17.99 0.21 0.00	17.27 0.19 0.00	18.25 0.13 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.09 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.59 0.00 0.00	30.75 0.10 0.00	27.96 0.10 0.00	22.57 0.02 0.00	20.05 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.22 0.08 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 -0.20 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
BETHLEHEM___GS3 323562	17.99 0.21 0.00	17.27 0.19 0.00	18.25 0.13 0.00	17.79 0.16 0.00	17.24 0.13 0.00	19.93 0.09 0.00	26.91 -0.05 0.00	30.08 0.02 0.00	32.03 0.14 0.00	32.59 0.00 0.00	30.75 0.10 0.00	27.96 0.10 0.00	22.57 0.02 0.00	20.05 -0.01 0.00	20.10 -0.04 0.00	18.82 -0.03 0.00	19.22 0.08 0.00	20.28 -0.03 0.00	21.73 -0.09 0.00	34.85 -0.20 0.00	30.60 -0.27 0.00	28.28 -0.25 0.00	21.98 -0.11 0.00	21.27 0.05 0.00
BETHLEHEM___STEEL 23779	17.89 0.10 0.00	17.19 0.12 0.00	18.26 0.14 0.00	17.74 0.11 0.00	17.31 0.20 0.00	20.26 0.42 0.00	27.65 0.69 0.00	30.71 0.65 0.00	32.37 0.48 0.00	32.76 0.16 0.00	30.34 -0.30 0.00	27.71 -0.15 0.00	22.47 -0.09 0.00	19.89 -0.16 0.00	20.04 -0.10 0.00	18.87 0.02 0.00	19.28 0.13 0.00	20.47 0.16 0.00	22.10 0.28 0.00	35.38 0.34 0.00	30.65 -0.22 0.00	28.61 0.08 0.00	22.33 0.24 0.00	21.39 0.16 0.00
BETHLHEM_115KV_TB1 79974	18.01 0.21 0.00	17.28 0.20 0.00	18.27 0.15 0.00	17.81 0.17 0.00	17.25 0.14 0.00	19.95 0.10 0.00	26.95 -0.01 0.00	30.10 0.04 0.00	32.05 0.17 0.00	32.63 0.03 0.00	30.78 0.13 0.00	27.98 0.12 0.00	22.60 0.03 0.00	20.06 0.00 0.00	20.11 -0.03 0.00	18.84 -0.02 0.00	19.25 0.10 0.00	20.30 -0.01 0.00	21.75 -0.07 0.00	34.89 -0.16 0.00	30.63 -0.23 0.00	28.32 -0.21 0.00	22.00 -0.09 0.00	21.29 0.06 0.00
BETHPAGE_CC_5 323564	18.41 0.61 0.00	17.63 0.55 0.00	18.58 0.46 0.00	18.08 0.44 0.00	17.56 0.45 0.00	20.29 0.45 0.00	27.45 0.49 0.00	30.64 0.59 0.00	33.06 1.17 0.00	34.12 1.52 0.00	32.22 1.48 -0.09	29.67 1.61 -0.20	25.30 1.51 -1.23	22.82 1.29 -1.47	23.58 1.38 -2.06	20.05 1.19 0.00	20.05 0.91 0.00	21.40 1.09 0.00	22.98 1.16 0.00	37.97 2.24 -0.68	32.48 1.61 0.00	29.82 1.30 0.00	23.14 1.06 0.00	22.16 0.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.97 0.18 0.00	17.26 0.19 0.00	18.33 0.22 0.00	17.81 0.18 0.00	17.39 0.27 0.00	20.35 0.51 0.00	27.77 0.81 0.00	30.84 0.79 0.00	32.53 0.65 0.00	32.94 0.35 0.00	30.52 -0.12 0.00	27.86 0.00 0.00	22.59 0.03 0.00	20.00 -0.05 0.00	20.14 0.01 0.00	18.97 0.12 0.00	19.37 0.22 0.00	20.56 0.26 0.00	22.20 0.38 0.00	35.56 0.51 0.00	30.80 -0.07 0.00	28.75 0.22 0.00	22.42 0.33 0.00	21.49 0.26 0.00

BINGHAMTON___COGEN 23790	17.80 0.02 0.00	17.07 0.00 0.00	18.10 -0.01 0.00	17.62 -0.01 0.00	17.11 0.00 0.00	19.89 0.05 0.00	27.11 0.15 0.00	30.32 0.27 0.00	32.64 0.75 0.00	33.53 0.93 0.00	31.27 0.63 0.00	28.53 0.67 0.00	23.12 0.55 0.00	20.51 0.46 0.00	20.68 0.55 0.00	19.42 0.57 0.00	19.62 0.47 0.00	20.74 0.43 0.00	22.34 0.52 0.00	36.02 0.97 0.00	31.27 0.41 0.00	28.99 0.46 0.00	22.47 0.38 0.00	21.61 0.39 0.00
BIXINCNT_115KV_LOAD 355685	18.23 0.44 0.00	17.51 0.44 0.00	18.58 0.47 0.00	18.06 0.42 0.00	17.60 0.49 0.00	20.62 0.77 0.00	28.15 1.19 0.00	31.25 1.20 0.00	33.22 1.34 0.00	33.75 1.15 0.00	31.30 0.65 0.00	28.54 0.67 0.00	23.04 0.48 0.00	20.44 0.38 0.00	20.57 0.44 0.00	19.36 0.51 0.00	19.72 0.57 0.00	20.85 0.54 0.00	22.42 0.60 0.00	36.02 0.97 0.00	31.09 0.22 0.00	29.04 0.51 0.00	22.60 0.51 0.00	21.58 0.35 0.00
BLACK RIVER___HYD 24047	17.48 -0.31 0.00	16.80 -0.27 0.00	17.97 -0.14 0.00	17.63 0.00 0.00	17.22 0.11 0.00	20.07 0.23 0.00	27.46 0.50 0.00	30.74 0.69 0.00	32.33 0.45 0.00	32.76 0.16 0.00	30.43 -0.22 0.00	27.29 -0.57 0.00	21.91 -0.66 0.00	19.26 -0.80 0.00	19.22 -0.92 0.00	18.01 -0.84 0.00	18.27 -0.88 0.00	19.55 -0.76 0.00	21.31 -0.51 0.00	34.87 -0.17 0.00	30.76 -0.11 0.00	28.22 -0.30 0.00	21.67 -0.42 0.00	21.05 -0.17 0.00
BLACKRVR_115KV_TB2 79977	17.48 -0.31 0.00	16.80 -0.27 0.00	17.97 -0.14 0.00	17.63 0.00 0.00	17.22 0.11 0.00	20.07 0.23 0.00	27.46 0.50 0.00	30.74 0.69 0.00	32.33 0.45 0.00	32.76 0.16 0.00	30.43 -0.22 0.00	27.29 -0.58 0.00	21.91 -0.66 0.00	19.26 -0.80 0.00	19.22 -0.92 0.00	18.02 -0.83 0.00	18.27 -0.88 0.00	19.55 -0.76 0.00	21.31 -0.51 0.00	34.87 -0.17 0.00	30.76 -0.11 0.00	28.22 -0.30 0.00	21.67 -0.42 0.00	21.05 -0.17 0.00
BLISS_WT_PWR 323608	18.25 0.46 0.00	17.53 0.45 0.00	18.60 0.49 0.00	18.08 0.44 0.00	17.61 0.50 0.00	20.63 0.78 0.00	28.17 1.21 0.00	31.27 1.22 0.00	33.27 1.39 0.00	33.80 1.21 0.00	31.35 0.71 0.00	28.58 0.72 0.00	23.07 0.51 0.00	20.46 0.41 0.00	20.61 0.47 0.00	19.36 0.51 0.00	19.77 0.62 0.00	20.85 0.54 0.00	22.42 0.59 0.00	36.02 0.97 0.00	31.07 0.20 0.00	29.03 0.50 0.00	22.58 0.49 0.00	21.51 0.28 0.00
BLUESTONE___WT_PWR 323821	18.68 0.89 0.00	17.89 0.81 0.00	19.00 0.89 0.00	18.49 0.86 0.00	17.96 0.85 0.00	20.75 0.90 0.00	27.99 1.03 0.00	30.90 0.85 0.00	32.49 0.60 0.00	33.41 0.82 0.00	31.74 1.09 0.00	29.12 1.26 0.00	23.74 1.18 0.00	21.08 1.03 0.00	21.38 1.25 0.00	20.08 1.23 0.00	20.30 1.15 0.00	21.54 1.23 0.00	23.35 1.53 0.00	37.66 2.62 0.00	32.71 1.85 0.00	30.15 1.62 0.00	23.38 1.29 0.00	22.48 1.26 0.00
BLUE_CIRC_CHEM_DRP 24182	18.13 0.34 0.00	17.45 0.37 0.00	18.44 0.33 0.00	17.98 0.34 0.00	17.41 0.30 0.00	20.16 0.31 0.00	27.25 0.29 0.00	30.42 0.36 0.00	32.35 0.46 0.00	33.00 0.40 0.00	31.07 0.43 0.00	28.26 0.40 0.00	22.85 0.29 0.00	20.30 0.24 0.00	20.35 0.22 0.00	19.07 0.22 0.00	19.43 0.29 0.00	20.54 0.23 0.00	22.03 0.21 0.00	35.44 0.40 0.00	31.11 0.24 0.00	28.73 0.21 0.00	22.29 0.20 0.00	21.52 0.29 0.00
BOC_GAS_DRP 24189	18.01 0.21 0.00	17.28 0.20 0.00	18.30 0.18 0.00	17.82 0.19 0.00	17.26 0.15 0.00	19.97 0.13 0.00	27.04 0.07 0.00	30.22 0.17 0.00	32.21 0.32 0.00	32.88 0.28 0.00	30.98 0.34 0.00	28.20 0.34 0.00	22.84 0.28 0.00	20.32 0.27 0.00	20.39 0.26 0.00	19.09 0.24 0.00	19.41 0.26 0.00	20.51 0.20 0.00	22.00 0.17 0.00	35.40 0.36 0.00	31.07 0.20 0.00	28.68 0.15 0.00	22.23 0.14 0.00	21.44 0.21 0.00
BOONVILLE_115KV_TB1 79983	17.98 0.19 0.00	17.26 0.18 0.00	18.36 0.25 0.00	17.94 0.31 0.00	17.45 0.34 0.00	20.31 0.46 0.00	27.69 0.73 0.00	30.94 0.89 0.00	32.77 0.88 0.00	33.48 0.88 0.00	31.35 0.71 0.00	28.37 0.51 0.00	22.83 0.27 0.00	20.19 0.13 0.00	20.19 0.05 0.00	18.89 0.04 0.00	19.20 0.06 0.00	20.42 0.11 0.00	22.12 0.29 0.00	35.74 0.69 0.00	31.47 0.60 0.00	29.04 0.51 0.00	22.36 0.27 0.00	21.56 0.34 0.00
BORALEX_4TH_BRANCH 23824	18.27 0.48 0.00	17.60 0.52 0.00	18.68 0.57 0.00	18.23 0.59 0.00	17.52 0.41 0.00	20.26 0.42 0.00	27.37 0.41 0.00	30.62 0.56 0.00	32.52 0.63 0.00	33.06 0.46 0.00	31.27 0.63 0.00	28.48 0.61 0.00	23.05 0.49 0.00	20.53 0.47 0.00	20.56 0.43 0.00	19.22 0.36 0.00	19.57 0.42 0.00	20.62 0.31 0.00	22.11 0.28 0.00	35.84 0.80 0.00	31.46 0.60 0.00	29.15 0.63 0.00	22.55 0.46 0.00	21.81 0.58 0.00
BOWLINE___1 23526	18.20 0.41 0.00	17.44 0.37 0.00	18.40 0.29 0.00	17.93 0.29 0.00	17.39 0.28 0.00	20.08 0.23 0.00	27.33 0.37 0.00	30.65 0.60 0.00	32.86 0.98 0.00	33.73 1.13 0.00	31.76 1.11 0.00	28.98 1.12 0.00	23.54 0.98 0.00	20.99 0.93 0.00	21.11 0.97 0.00	19.76 0.90 0.00	19.98 0.83 0.00	21.10 0.79 0.00	22.60 0.78 0.00	36.50 1.46 0.00	31.92 1.05 0.00	29.37 0.84 0.00	22.78 0.69 0.00	21.90 0.68 0.00
BOWLINE___2 23595	18.20 0.41 0.00	17.44 0.37 0.00	18.40 0.29 0.00	17.93 0.29 0.00	17.39 0.28 0.00	20.08 0.23 0.00	27.33 0.37 0.00	30.65 0.60 0.00	32.86 0.98 0.00	33.73 1.13 0.00	31.76 1.11 0.00	28.98 1.12 0.00	23.54 0.98 0.00	20.99 0.93 0.00	21.11 0.97 0.00	19.76 0.91 0.00	19.98 0.83 0.00	21.10 0.79 0.00	22.60 0.78 0.00	36.50 1.46 0.00	31.92 1.06 0.00	29.37 0.84 0.00	22.78 0.69 0.00	21.90 0.68 0.00
BRADY___115KV_TB2 356060	17.99 0.20 0.00	17.27 0.20 0.00	18.39 0.28 0.00	17.90 0.27 0.00	17.41 0.30 0.00	20.27 0.43 0.00	27.62 0.66 0.00	30.57 0.52 0.00	32.18 0.29 0.00	32.85 0.25 0.00	30.78 0.14 0.00	27.87 0.01 0.00	22.56 0.00 0.00	20.01 -0.05 0.00	20.10 -0.03 0.00	18.80 -0.06 0.00	19.11 -0.04 0.00	20.42 0.11 0.00	22.06 0.23 0.00	35.54 0.49 0.00	31.53 0.66 0.00	29.16 0.63 0.00	22.49 0.40 0.00	21.42 0.19 0.00
BRANSCOMB___SOLAR 323811	18.23 0.43 0.00	17.47 0.39 0.00	18.55 0.43 0.00	18.07 0.44 0.00	17.53 0.42 0.00	20.30 0.45 0.00	27.53 0.57 0.00	30.78 0.73 0.00	32.71 0.82 0.00	33.36 0.76 0.00	31.48 0.84 0.00	28.61 0.75 0.00	23.06 0.50 0.00	20.47 0.42 0.00	20.52 0.38 0.00	19.18 0.33 0.00	19.52 0.37 0.00	20.80 0.49 0.00	22.35 0.53 0.00	36.15 1.11 0.00	31.74 0.87 0.00	29.30 0.77 0.00	22.60 0.51 0.00	21.80 0.57 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.62 0.82 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.68 0.72 0.00	30.86 0.81 0.00	33.29 1.41 0.00	34.45 1.85 0.00	32.43 1.75 -0.04	29.82 1.87 -0.08	24.80 1.72 -0.52	22.00 1.46 -0.49	22.58 1.58 -0.87	20.21 1.36 0.00	20.16 1.02 0.00	21.59 1.29 0.00	23.21 1.39 0.00	38.37 2.69 -0.64	32.85 1.98 0.00	30.14 1.61 0.00	23.39 1.30 0.00	22.39 1.17 0.00

BRISTLHL_115KV_TB1 79998	17.39 -0.40 0.00	16.68 -0.39 0.00	17.69 -0.42 0.00	17.23 -0.40 0.00	16.74 -0.38 0.00	19.42 -0.42 0.00	26.45 -0.51 0.00	29.52 -0.53 0.00	31.15 -0.74 0.00	31.78 -0.82 0.00	29.83 -0.81 0.00	27.00 -0.87 0.00	21.82 -0.75 0.00	19.39 -0.67 0.00	19.46 -0.67 0.00	18.24 -0.61 0.00	18.59 -0.56 0.00	19.69 -0.62 0.00	21.27 -0.56 0.00	34.21 -0.83 0.00	30.05 -0.82 0.00	27.76 -0.76 0.00	21.51 -0.58 0.00	20.71 -0.51 0.00
BROOKHAVEN___DRP 24191	18.53 0.74 0.00	17.78 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.72 0.61 0.00	20.50 0.65 0.00	27.60 0.64 0.00	30.65 0.60 0.00	33.10 1.21 0.00	34.30 1.70 0.00	32.24 1.57 -0.03	29.57 1.64 -0.06	24.54 1.55 -0.43	21.71 1.27 -0.38	22.28 1.41 -0.74	20.05 1.20 0.00	19.90 0.76 0.00	21.45 1.15 0.00	23.07 1.24 0.00	38.29 2.61 -0.63	32.78 1.91 0.00	30.07 1.54 0.00	23.37 1.28 0.00	22.34 1.12 0.00
BROOKLYN_NAVY_YARD 23515	18.27 0.48 0.00	17.49 0.42 0.00	18.43 0.32 0.00	17.97 0.34 0.00	17.45 0.34 0.00	20.09 0.25 0.00	27.33 0.37 0.00	30.72 0.66 0.00	33.04 1.15 0.00	33.97 1.37 0.00	31.99 1.34 0.00	29.20 1.34 0.00	23.76 1.20 0.00	21.20 1.14 0.00	21.33 1.19 0.00	20.02 1.16 0.00	20.21 1.06 0.00	21.31 1.00 0.00	22.82 1.00 0.00	36.72 1.68 0.00	32.08 1.22 0.00	29.51 0.98 0.00	22.91 0.83 0.00	21.97 0.74 0.00
BROOKLYN___ARMY_DRP 323595	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
BROOKVLE_69_KV_TB1 55790	18.42 0.63 0.00	17.64 0.57 0.00	18.61 0.50 0.00	18.12 0.48 0.00	17.59 0.48 0.00	20.32 0.47 0.00	27.56 0.60 0.00	30.85 0.80 0.00	33.20 1.31 0.00	34.19 1.60 0.00	32.41 1.60 -0.17	29.87 1.65 -0.36	26.21 1.49 -2.16	24.13 1.32 -2.76	25.26 1.39 -3.74	20.08 1.23 0.00	20.19 1.04 0.00	21.45 1.14 0.00	23.00 1.18 0.00	38.02 2.17 -0.81	32.47 1.61 0.00	29.85 1.32 0.00	23.14 1.06 0.00	22.17 0.95 0.00
BROOME_2_LFGE 323671	17.80 0.02 0.00	17.07 0.00 0.00	18.10 -0.01 0.00	17.62 -0.01 0.00	17.11 0.00 0.00	19.89 0.05 0.00	27.11 0.15 0.00	30.32 0.27 0.00	32.64 0.75 0.00	33.53 0.93 0.00	31.27 0.63 0.00	28.53 0.67 0.00	23.12 0.56 0.00	20.51 0.45 0.00	20.68 0.55 0.00	19.41 0.56 0.00	19.63 0.48 0.00	20.74 0.43 0.00	22.34 0.52 0.00	36.02 0.97 0.00	31.26 0.40 0.00	28.99 0.46 0.00	22.47 0.38 0.00	21.61 0.38 0.00
BROOME___LFGE 323600	17.80 0.02 0.00	17.07 0.00 0.00	18.10 -0.01 0.00	17.62 -0.01 0.00	17.11 0.00 0.00	19.89 0.05 0.00	27.11 0.15 0.00	30.32 0.27 0.00	32.64 0.75 0.00	33.53 0.93 0.00	31.27 0.63 0.00	28.53 0.67 0.00	23.12 0.56 0.00	20.51 0.45 0.00	20.68 0.55 0.00	19.41 0.56 0.00	19.63 0.48 0.00	20.74 0.43 0.00	22.34 0.52 0.00	36.02 0.97 0.00	31.26 0.40 0.00	28.99 0.46 0.00	22.47 0.38 0.00	21.61 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	17.51 -0.28 0.00	16.83 -0.25 0.00	17.96 -0.15 0.00	17.56 -0.08 0.00	17.10 -0.01 0.00	19.92 0.07 0.00	27.13 0.17 0.00	30.19 0.14 0.00	31.82 -0.06 0.00	32.47 -0.13 0.00	30.35 -0.29 0.00	27.37 -0.49 0.00	22.04 -0.52 0.00	19.46 -0.59 0.00	19.47 -0.67 0.00	18.22 -0.63 0.00	18.51 -0.64 0.00	19.79 -0.51 0.00	21.47 -0.36 0.00	34.73 -0.31 0.00	30.73 -0.14 0.00	28.38 -0.15 0.00	21.82 -0.27 0.00	20.99 -0.24 0.00
BROWNSV1_27_KV_LOAD 356125	18.46 0.67 0.00	17.68 0.60 0.00	18.62 0.51 0.00	18.15 0.52 0.00	17.62 0.51 0.00	20.30 0.45 0.00	27.63 0.67 0.00	31.06 1.01 0.00	33.41 1.53 0.00	34.35 1.75 0.00	32.35 1.71 0.00	29.54 1.68 0.00	24.04 1.48 0.00	21.44 1.38 0.00	21.58 1.44 0.00	20.23 1.38 0.00	20.43 1.28 0.00	21.55 1.25 0.00	23.08 1.26 0.00	37.16 2.12 0.00	32.47 1.61 0.00	29.85 1.32 0.00	23.16 1.08 0.00	22.20 0.98 0.00
BURROWS___LYONSDAL 23803	17.88 0.09 0.00	17.17 0.10 0.00	18.30 0.18 0.00	17.89 0.26 0.00	17.42 0.31 0.00	20.27 0.43 0.00	27.64 0.69 0.00	30.90 0.84 0.00	32.68 0.80 0.00	33.37 0.78 0.00	31.23 0.58 0.00	28.22 0.35 0.00	22.70 0.14 0.00	20.05 -0.01 0.00	20.03 -0.11 0.00	18.75 -0.10 0.00	19.04 -0.11 0.00	20.27 -0.04 0.00	21.97 0.14 0.00	35.55 0.51 0.00	31.33 0.46 0.00	28.88 0.36 0.00	22.23 0.14 0.00	21.47 0.25 0.00
CAITHNESS_CC_1 323624	18.49 0.70 0.00	17.73 0.66 0.00	18.69 0.58 0.00	18.20 0.56 0.00	17.67 0.56 0.00	20.44 0.60 0.00	27.55 0.59 0.00	30.60 0.55 0.00	33.05 1.16 0.00	34.25 1.65 0.00	32.19 1.52 -0.03	29.55 1.62 -0.07	24.52 1.53 -0.43	21.71 1.28 -0.38	22.27 1.40 -0.73	20.05 1.20 0.00	19.91 0.77 0.00	21.42 1.12 0.00	23.02 1.20 0.00	38.18 2.51 -0.63	32.69 1.82 0.00	29.99 1.46 0.00	23.30 1.21 0.00	22.30 1.08 0.00
CALPINE BETH_PAGE_GT4 24209	18.38 0.59 0.00	17.60 0.53 0.00	18.56 0.44 0.00	18.06 0.43 0.00	17.54 0.43 0.00	20.26 0.42 0.00	27.42 0.46 0.00	30.62 0.56 0.00	33.02 1.14 0.00	34.05 1.46 0.00	32.18 1.41 -0.12	29.67 1.54 -0.26	25.59 1.46 -1.58	23.26 1.25 -1.95	24.11 1.33 -2.64	20.00 1.15 0.00	20.01 0.87 0.00	21.35 1.04 0.00	22.92 1.10 0.00	37.90 2.15 -0.70	32.40 1.54 0.00	29.76 1.23 0.00	23.09 1.00 0.00	22.11 0.89 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.38 0.59 0.00	17.60 0.53 0.00	18.56 0.44 0.00	18.06 0.43 0.00	17.54 0.43 0.00	20.27 0.42 0.00	27.42 0.46 0.00	30.61 0.56 0.00	33.02 1.13 0.00	34.05 1.46 0.00	32.18 1.42 -0.12	29.67 1.54 -0.26	25.60 1.46 -1.58	23.26 1.25 -1.95	24.12 1.33 -2.64	20.00 1.15 0.00	20.01 0.87 0.00	21.35 1.04 0.00	22.92 1.10 0.00	37.90 2.15 -0.70	32.41 1.54 0.00	29.76 1.23 0.00	23.09 1.00 0.00	22.11 0.89 0.00
CALPINE_BP_GT1 23823	18.38 0.59 0.00	17.60 0.53 0.00	18.56 0.44 0.00	18.06 0.43 0.00	17.54 0.43 0.00	20.27 0.42 0.00	27.42 0.46 0.00	30.61 0.56 0.00	33.02 1.13 0.00	34.05 1.46 0.00	32.18 1.42 -0.12	29.67 1.54 -0.26	25.60 1.46 -1.58	23.26 1.25 -1.95	24.12 1.33 -2.64	20.00 1.15 0.00	20.01 0.87 0.00	21.35 1.04 0.00	22.92 1.10 0.00	37.90 2.15 -0.70	32.41 1.54 0.00	29.76 1.23 0.00	23.09 1.00 0.00	22.11 0.89 0.00
CALSPAN___DRP 24200	17.89 0.10 0.00	17.19 0.12 0.00	18.26 0.14 0.00	17.74 0.11 0.00	17.31 0.20 0.00	20.26 0.42 0.00	27.65 0.69 0.00	30.71 0.65 0.00	32.37 0.48 0.00	32.76 0.16 0.00	30.34 -0.30 0.00	27.71 -0.15 0.00	22.47 -0.09 0.00	19.89 -0.16 0.00	20.04 -0.10 0.00	18.87 0.02 0.00	19.28 0.13 0.00	20.47 0.16 0.00	22.10 0.28 0.00	35.38 0.34 0.00	30.65 -0.22 0.00	28.61 0.08 0.00	22.33 0.24 0.00	21.39 0.16 0.00

CALVERTON___SOLAR 323806	18.59 0.80 0.00	17.83 0.75 0.00	18.79 0.67 0.00	18.29 0.65 0.00	17.77 0.66 0.00	20.57 0.72 0.00	27.69 0.73 0.00	30.72 0.67 0.00	33.18 1.30 0.00	34.39 1.80 0.00	32.33 1.66 -0.03	29.63 1.69 -0.07	24.59 1.59 -0.43	21.73 1.30 -0.38	22.31 1.43 -0.74	20.08 1.24 0.00	19.92 0.77 0.00	21.51 1.20 0.00	23.13 1.31 0.00	38.43 2.75 -0.63	32.90 2.03 0.00	30.17 1.64 0.00	23.44 1.35 0.00	22.42 1.19 0.00
CANDIGU_WT_PWR 323617	17.95 0.16 0.00	17.20 0.12 0.00	18.24 0.12 0.00	17.74 0.10 0.00	17.17 0.06 0.00	19.89 0.05 0.00	27.39 0.43 0.00	30.57 0.52 0.00	32.88 1.00 0.00	33.98 1.39 0.00	31.58 0.94 0.00	28.80 0.94 0.00	23.22 0.66 0.00	20.54 0.49 0.00	20.65 0.52 0.00	19.39 0.54 0.00	19.61 0.46 0.00	20.64 0.34 0.00	22.31 0.49 0.00	36.04 1.00 0.00	31.18 0.32 0.00	28.88 0.35 0.00	22.39 0.30 0.00	21.33 0.11 0.00
CARR STREET_E_SYR 24060	17.52 -0.27 0.00	16.81 -0.27 0.00	17.83 -0.29 0.00	17.36 -0.28 0.00	16.87 -0.24 0.00	19.59 -0.25 0.00	26.67 -0.29 0.00	29.77 -0.28 0.00	31.41 -0.48 0.00	32.06 -0.54 0.00	30.04 -0.60 0.00	27.27 -0.59 0.00	22.04 -0.52 0.00	19.58 -0.47 0.00	19.66 -0.48 0.00	18.42 -0.44 0.00	18.74 -0.41 0.00	19.87 -0.44 0.00	21.44 -0.39 0.00	34.47 -0.57 0.00	30.26 -0.61 0.00	27.96 -0.57 0.00	21.66 -0.43 0.00	20.85 -0.37 0.00
CARTHAGE___PAPER 23857	17.68 -0.11 0.00	16.98 -0.09 0.00	18.17 0.05 0.00	17.81 0.18 0.00	17.39 0.28 0.00	20.27 0.42 0.00	27.70 0.73 0.00	30.95 0.90 0.00	32.59 0.71 0.00	33.10 0.50 0.00	30.76 0.12 0.00	27.65 -0.22 0.00	22.17 -0.39 0.00	19.52 -0.54 0.00	19.47 -0.66 0.00	18.27 -0.58 0.00	18.53 -0.62 0.00	19.85 -0.46 0.00	21.62 -0.21 0.00	35.23 0.19 0.00	31.09 0.23 0.00	28.59 0.06 0.00	21.93 -0.15 0.00	21.26 0.03 0.00
CASSADAGA_WT_PWR 323784	18.35 0.56 0.00	17.61 0.53 0.00	18.62 0.51 0.00	18.15 0.51 0.00	17.66 0.55 0.00	20.66 0.81 0.00	28.40 1.44 0.00	31.79 1.74 0.00	33.58 1.69 0.00	34.10 1.50 0.00	31.54 0.90 0.00	28.91 1.04 0.00	23.38 0.82 0.00	20.67 0.61 0.00	20.80 0.66 0.00	19.54 0.69 0.00	19.92 0.77 0.00	20.97 0.66 0.00	22.74 0.92 0.00	36.47 1.43 0.00	31.22 0.35 0.00	28.92 0.39 0.00	22.42 0.33 0.00	21.66 0.44 0.00
CE_DUNWOOD___DRP 24194	18.27 0.48 0.00	17.50 0.43 0.00	18.47 0.36 0.00	18.00 0.36 0.00	17.46 0.35 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.73 0.68 0.00	32.96 1.07 0.00	33.84 1.24 0.00	31.87 1.23 0.00	29.10 1.24 0.00	23.65 1.09 0.00	21.09 1.03 0.00	21.21 1.08 0.00	19.86 1.00 0.00	20.06 0.92 0.00	21.20 0.89 0.00	22.71 0.88 0.00	36.63 1.58 0.00	32.03 1.16 0.00	29.47 0.94 0.00	22.85 0.76 0.00	21.94 0.72 0.00
CE_MILLWOOD___DRP 24193	18.24 0.45 0.00	17.48 0.40 0.00	18.44 0.33 0.00	17.97 0.33 0.00	17.43 0.32 0.00	20.12 0.28 0.00	27.36 0.40 0.00	30.69 0.63 0.00	32.91 1.02 0.00	33.77 1.18 0.00	31.81 1.17 0.00	29.04 1.18 0.00	23.59 1.03 0.00	21.03 0.98 0.00	21.16 1.02 0.00	19.81 0.95 0.00	20.02 0.87 0.00	21.15 0.84 0.00	22.66 0.83 0.00	36.56 1.51 0.00	31.97 1.10 0.00	29.42 0.89 0.00	22.81 0.72 0.00	21.92 0.69 0.00
CE_NYC2_DRP 24202	18.33 0.54 0.00	17.55 0.48 0.00	18.49 0.38 0.00	18.03 0.40 0.00	17.50 0.39 0.00	20.15 0.31 0.00	27.42 0.46 0.00	30.83 0.78 0.00	33.15 1.27 0.00	34.05 1.46 0.00	32.08 1.44 0.00	29.31 1.45 0.00	23.85 1.29 0.00	21.27 1.22 0.00	21.40 1.26 0.00	20.09 1.24 0.00	20.26 1.11 0.00	21.37 1.06 0.00	22.88 1.06 0.00	36.81 1.77 0.00	32.19 1.32 0.00	29.61 1.08 0.00	22.97 0.88 0.00	22.02 0.80 0.00
CE_NYC_DRP 24195	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.36 0.00	18.01 0.37 0.00	17.48 0.37 0.00	20.14 0.29 0.00	27.39 0.43 0.00	30.78 0.73 0.00	33.10 1.21 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.26 1.40 0.00	23.81 1.25 0.00	21.24 1.18 0.00	21.38 1.24 0.00	20.03 1.18 0.00	20.23 1.08 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.79 1.74 0.00	32.13 1.27 0.00	29.55 1.02 0.00	22.94 0.85 0.00	22.00 0.77 0.00
CHAFFEE___LFGE 323603	18.02 0.23 0.00	17.31 0.24 0.00	18.39 0.27 0.00	17.86 0.23 0.00	17.43 0.32 0.00	20.41 0.57 0.00	27.89 0.93 0.00	31.03 0.98 0.00	32.74 0.86 0.00	33.15 0.55 0.00	30.72 0.07 0.00	28.01 0.14 0.00	22.68 0.11 0.00	20.07 0.02 0.00	20.21 0.07 0.00	19.01 0.16 0.00	19.47 0.33 0.00	20.64 0.33 0.00	22.29 0.47 0.00	35.73 0.69 0.00	30.97 0.10 0.00	28.90 0.37 0.00	22.53 0.44 0.00	21.57 0.35 0.00
CHATEAUG_35_KV_LOAD 355732	18.07 0.28 0.00	17.31 0.24 0.00	18.54 0.42 0.00	18.07 0.43 0.00	17.56 0.45 0.00	20.46 0.62 0.00	27.85 0.89 0.00	30.86 0.80 0.00	32.71 0.82 0.00	33.62 1.03 0.00	31.56 0.92 0.00	28.39 0.53 0.00	22.78 0.22 0.00	20.15 0.10 0.00	20.24 0.10 0.00	18.91 0.05 0.00	19.05 -0.10 0.00	20.62 0.31 0.00	22.57 0.74 0.00	36.51 1.46 0.00	32.22 1.35 0.00	29.75 1.22 0.00	22.92 0.83 0.00	21.82 0.60 0.00
CHATEAUG_WT_PWR 323614	18.04 0.25 0.00	17.29 0.21 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.54 0.43 0.00	20.41 0.57 0.00	27.75 0.79 0.00	30.84 0.79 0.00	32.71 0.82 0.00	33.69 1.09 0.00	31.65 1.01 0.00	28.44 0.58 0.00	22.79 0.23 0.00	20.15 0.09 0.00	20.23 0.10 0.00	18.89 0.03 0.00	18.98 -0.17 0.00	20.58 0.28 0.00	22.58 0.75 0.00	36.59 1.55 0.00	32.24 1.37 0.00	29.76 1.23 0.00	22.93 0.84 0.00	21.87 0.64 0.00
CHAT_HIGH_FALL_HYD 323578	18.07 0.28 0.00	17.31 0.24 0.00	18.54 0.42 0.00	18.07 0.43 0.00	17.56 0.45 0.00	20.46 0.62 0.00	27.85 0.89 0.00	30.86 0.80 0.00	32.71 0.82 0.00	33.62 1.03 0.00	31.56 0.92 0.00	28.39 0.53 0.00	22.78 0.22 0.00	20.15 0.10 0.00	20.24 0.10 0.00	18.91 0.05 0.00	19.05 -0.10 0.00	20.62 0.31 0.00	22.57 0.74 0.00	36.51 1.46 0.00	32.22 1.35 0.00	29.75 1.22 0.00	22.92 0.83 0.00	21.82 0.60 0.00
CHAUTAUQUA___LFGE 323629	18.07 0.28 0.00	17.35 0.27 0.00	18.38 0.26 0.00	17.89 0.26 0.00	17.43 0.32 0.00	20.40 0.55 0.00	27.97 1.01 0.00	31.23 1.17 0.00	32.99 1.10 0.00	33.53 0.93 0.00	30.97 0.33 0.00	28.31 0.44 0.00	22.92 0.36 0.00	20.28 0.22 0.00	20.42 0.29 0.00	19.21 0.36 0.00	19.58 0.43 0.00	20.69 0.38 0.00	22.41 0.59 0.00	35.98 0.94 0.00	30.93 0.07 0.00	28.77 0.24 0.00	22.36 0.27 0.00	21.51 0.29 0.00
CHERRYST_13_KV_LD 356241	18.35 0.56 0.00	17.56 0.49 0.00	18.51 0.40 0.00	18.05 0.42 0.00	17.53 0.41 0.00	20.18 0.34 0.00	27.47 0.51 0.00	30.88 0.82 0.00	33.21 1.32 0.00	34.14 1.54 0.00	32.16 1.52 0.00	29.37 1.50 0.00	23.89 1.33 0.00	21.31 1.26 0.00	21.44 1.31 0.00	20.10 1.25 0.00	20.30 1.15 0.00	21.41 1.11 0.00	22.93 1.10 0.00	36.89 1.84 0.00	32.22 1.36 0.00	29.63 1.10 0.00	23.00 0.91 0.00	22.05 0.83 0.00

CHESTROR_138KV_BK263 355645	18.15 0.36 0.00	17.39 0.32 0.00	18.37 0.26 0.00	17.89 0.26 0.00	17.35 0.24 0.00	20.06 0.22 0.00	27.28 0.32 0.00	30.57 0.52 0.00	32.74 0.86 0.00	33.58 0.99 0.00	31.61 0.97 0.00	28.85 0.98 0.00	23.42 0.86 0.00	20.88 0.82 0.00	20.98 0.85 0.00	19.63 0.78 0.00	19.86 0.71 0.00	20.99 0.69 0.00	22.51 0.68 0.00	36.33 1.28 0.00	31.78 0.92 0.00	29.27 0.74 0.00	22.69 0.60 0.00	21.81 0.59 0.00
CH_MIDHUDSON___DRP 24192	18.47 0.68 0.00	17.70 0.62 0.00	18.70 0.59 0.00	18.22 0.59 0.00	17.68 0.57 0.00	20.45 0.60 0.00	27.81 0.85 0.00	31.21 1.16 0.00	33.43 1.54 0.00	34.28 1.68 0.00	32.30 1.65 0.00	29.44 1.57 0.00	23.89 1.33 0.00	21.31 1.26 0.00	21.35 1.21 0.00	20.01 1.16 0.00	20.28 1.13 0.00	21.43 1.12 0.00	22.99 1.17 0.00	37.12 2.07 0.00	32.49 1.62 0.00	29.89 1.35 0.00	23.13 1.04 0.00	22.21 0.98 0.00
CH_MISC_IPPS 23765	18.45 0.66 0.00	17.68 0.60 0.00	18.68 0.56 0.00	18.19 0.56 0.00	17.66 0.54 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.10 0.00	33.39 1.50 0.00	34.25 1.65 0.00	32.25 1.61 0.00	29.40 1.54 0.00	23.87 1.31 0.00	21.29 1.24 0.00	21.34 1.20 0.00	20.01 1.16 0.00	20.26 1.11 0.00	21.41 1.10 0.00	22.97 1.15 0.00	37.09 2.04 0.00	32.46 1.59 0.00	29.86 1.33 0.00	23.11 1.02 0.00	22.19 0.96 0.00
CH_RES_BVR_FALLS 23983	17.75 -0.04 0.00	17.07 0.00 0.00	18.16 0.05 0.00	17.68 0.05 0.00	17.17 0.06 0.00	19.94 0.10 0.00	27.12 0.16 0.00	30.11 0.05 0.00	31.86 -0.03 0.00	32.60 0.00 0.00	30.65 0.01 0.00	27.84 -0.02 0.00	22.54 -0.02 0.00	20.01 -0.04 0.00	20.07 -0.07 0.00	18.76 -0.09 0.00	19.05 -0.10 0.00	20.25 -0.06 0.00	21.78 -0.04 0.00	34.89 -0.15 0.00	30.84 -0.03 0.00	28.55 0.02 0.00	22.06 -0.03 0.00	21.18 -0.04 0.00
CH_RES_NIAGARA 23895	17.23 -0.56 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.33 0.00	29.48 -0.57 0.00	30.96 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.49 -1.37 0.00	21.52 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.08 -0.77 0.00	18.52 -0.63 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.45 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.75 -0.48 0.00
CH_RES_SYRACUSE 23985	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.09 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.43 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.32 0.00	20.00 -0.31 0.00	21.59 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.24 0.00
CLINTON_WT_PWR 323605	18.04 0.25 0.00	17.29 0.21 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.54 0.43 0.00	20.41 0.57 0.00	27.75 0.79 0.00	30.84 0.79 0.00	32.71 0.82 0.00	33.69 1.09 0.00	31.65 1.01 0.00	28.44 0.58 0.00	22.79 0.23 0.00	20.15 0.09 0.00	20.23 0.10 0.00	18.89 0.03 0.00	18.98 -0.17 0.00	20.58 0.28 0.00	22.58 0.75 0.00	36.59 1.55 0.00	32.24 1.37 0.00	29.76 1.23 0.00	22.93 0.84 0.00	21.87 0.64 0.00
CLINTON___LFGE 323618	18.34 0.55 0.00	17.56 0.48 0.00	18.80 0.69 0.00	18.34 0.70 0.00	17.81 0.70 0.00	20.69 0.85 0.00	28.12 1.16 0.00	31.41 1.36 0.00	33.39 1.51 0.00	34.51 1.91 0.00	32.50 1.85 0.00	29.15 1.29 0.00	23.26 0.70 0.00	20.51 0.45 0.00	20.56 0.42 0.00	19.16 0.31 0.00	19.21 0.06 0.00	20.94 0.63 0.00	23.10 1.28 0.00	37.59 2.55 0.00	33.06 2.19 0.00	30.52 1.99 0.00	23.48 1.39 0.00	22.40 1.18 0.00
COBBLENY_34_KV_TB1 80064	18.02 0.23 0.00	17.31 0.24 0.00	18.39 0.27 0.00	17.86 0.23 0.00	17.43 0.32 0.00	20.41 0.57 0.00	27.89 0.93 0.00	31.02 0.97 0.00	32.74 0.85 0.00	33.15 0.55 0.00	30.72 0.07 0.00	28.00 0.14 0.00	22.68 0.11 0.00	20.07 0.02 0.00	20.21 0.07 0.00	19.03 0.18 0.00	19.44 0.29 0.00	20.64 0.33 0.00	22.29 0.47 0.00	35.73 0.68 0.00	30.98 0.11 0.00	28.90 0.37 0.00	22.53 0.44 0.00	21.57 0.35 0.00
COFFEEN___115KV_TB3 355620	17.56 -0.23 0.00	16.87 -0.21 0.00	18.03 -0.08 0.00	17.69 0.06 0.00	17.29 0.18 0.00	20.15 0.31 0.00	27.59 0.63 0.00	30.91 0.86 0.00	32.52 0.63 0.00	32.85 0.25 0.00	30.48 -0.16 0.00	27.28 -0.59 0.00	21.90 -0.66 0.00	19.24 -0.81 0.00	19.19 -0.94 0.00	18.00 -0.85 0.00	18.25 -0.90 0.00	19.56 -0.75 0.00	21.38 -0.45 0.00	35.11 0.06 0.00	30.98 0.11 0.00	28.41 -0.12 0.00	21.80 -0.28 0.00	21.16 -0.06 0.00
COLDSPRG_115KV_BK1 355956	18.51 0.72 0.00	17.76 0.69 0.00	18.82 0.71 0.00	18.32 0.68 0.00	17.85 0.74 0.00	20.91 1.07 0.00	28.71 1.75 0.00	32.03 1.97 0.00	33.95 2.07 0.00	34.56 1.97 0.00	32.03 1.39 0.00	29.27 1.41 0.00	23.63 1.07 0.00	20.94 0.88 0.00	21.07 0.93 0.00	19.79 0.94 0.00	20.12 0.98 0.00	21.26 0.95 0.00	22.98 1.16 0.00	36.90 1.85 0.00	31.75 0.88 0.00	29.49 0.96 0.00	22.94 0.85 0.00	22.13 0.90 0.00
COLONIE_LFGE___ 323577	18.13 0.34 0.00	17.40 0.32 0.00	18.45 0.34 0.00	17.98 0.35 0.00	17.39 0.28 0.00	20.13 0.29 0.00	27.24 0.28 0.00	30.45 0.39 0.00	32.39 0.51 0.00	33.02 0.42 0.00	31.17 0.53 0.00	28.35 0.49 0.00	22.92 0.36 0.00	20.38 0.33 0.00	20.45 0.32 0.00	19.12 0.27 0.00	19.46 0.31 0.00	20.59 0.29 0.00	22.09 0.27 0.00	35.67 0.63 0.00	31.32 0.45 0.00	28.94 0.41 0.00	22.39 0.30 0.00	21.62 0.39 0.00
COOPERNY_115KV_TB1 80082	18.05 0.26 0.00	17.30 0.22 0.00	18.30 0.18 0.00	17.82 0.18 0.00	17.28 0.17 0.00	19.99 0.15 0.00	27.19 0.22 0.00	30.43 0.38 0.00	32.55 0.67 0.00	33.41 0.81 0.00	31.44 0.80 0.00	28.68 0.81 0.00	23.29 0.73 0.00	20.75 0.70 0.00	20.83 0.69 0.00	19.46 0.61 0.00	19.70 0.56 0.00	20.85 0.54 0.00	22.36 0.53 0.00	36.04 0.99 0.00	31.55 0.68 0.00	29.08 0.55 0.00	22.55 0.46 0.00	21.67 0.45 0.00
COPENHAGEN_WT_PWR 323753	17.37 -0.42 0.00	16.72 -0.36 0.00	17.89 -0.22 0.00	17.57 -0.06 0.00	17.17 0.06 0.00	19.99 0.15 0.00	27.33 0.37 0.00	30.59 0.53 0.00	32.18 0.30 0.00	32.62 0.03 0.00	30.35 -0.29 0.00	27.24 -0.62 0.00	21.88 -0.68 0.00	19.22 -0.83 0.00	19.17 -0.97 0.00	17.97 -0.88 0.00	18.22 -0.93 0.00	19.46 -0.85 0.00	21.16 -0.67 0.00	34.57 -0.47 0.00	30.49 -0.38 0.00	27.96 -0.57 0.00	21.47 -0.62 0.00	20.94 -0.28 0.00
CORNELL_____ 23752	17.97 0.18 0.00	17.23 0.16 0.00	18.27 0.16 0.00	17.79 0.15 0.00	17.29 0.18 0.00	20.11 0.27 0.00	27.43 0.47 0.00	30.58 0.53 0.00	31.92 0.04 0.00	32.62 0.02 0.00	30.57 -0.07 0.00	27.73 -0.13 0.00	22.37 -0.19 0.00	19.78 -0.27 0.00	19.87 -0.26 0.00	18.55 -0.31 0.00	18.83 -0.31 0.00	20.09 -0.21 0.00	21.79 -0.04 0.00	35.12 0.08 0.00	30.86 -0.01 0.00	28.48 -0.05 0.00	22.07 -0.02 0.00	21.21 -0.02 0.00

CORONA__KV_TB1 355595	18.41 0.62 0.00	17.64 0.56 0.00	18.59 0.48 0.00	18.10 0.46 0.00	17.57 0.46 0.00	20.30 0.45 0.00	27.41 0.45 0.00	30.58 0.52 0.00	32.95 1.06 0.00	34.03 1.43 0.00	32.59 1.47 -0.48	30.54 1.59 -1.09	30.44 1.47 -6.40	29.90 1.28 -8.56	31.99 1.35 -10.51	20.03 1.16 -0.01	20.06 0.91 0.00	21.36 1.06 0.00	22.93 1.11 0.00	38.09 2.12 -0.93	32.39 1.52 0.00	29.78 1.26 0.00	23.11 1.03 0.00	22.16 0.93 0.00
CORTLAND_115KV_TB3 80093	18.12 0.33 0.00	17.37 0.29 0.00	18.42 0.31 0.00	17.95 0.31 0.00	17.45 0.34 0.00	20.31 0.46 0.00	27.73 0.77 0.00	30.97 0.92 0.00	32.73 0.85 0.00	33.46 0.87 0.00	31.36 0.72 0.00	28.42 0.56 0.00	22.85 0.29 0.00	20.21 0.16 0.00	20.28 0.15 0.00	18.90 0.05 0.00	19.29 0.14 0.00	20.48 0.17 0.00	22.17 0.35 0.00	35.87 0.83 0.00	31.55 0.68 0.00	29.12 0.60 0.00	22.49 0.40 0.00	21.59 0.37 0.00
COXSACKIE__GT 23611	18.88 1.09 0.00	18.12 1.05 0.00	19.19 1.08 0.00	18.73 1.09 0.00	18.16 1.05 0.00	21.09 1.24 0.00	28.52 1.55 0.00	31.71 1.66 0.00	33.61 1.72 0.00	34.29 1.69 0.00	32.18 1.54 0.00	29.38 1.51 0.00	23.65 1.09 0.00	20.83 0.77 0.00	20.53 0.39 0.00	19.66 0.81 0.00	20.08 0.94 0.00	21.19 0.88 0.00	22.84 1.01 0.00	37.01 1.97 0.00	32.46 1.59 0.00	29.96 1.43 0.00	23.18 1.09 0.00	22.35 1.13 0.00
CPV_VALLEY__CC1 323721	18.04 0.25 0.00	17.29 0.21 0.00	18.27 0.15 0.00	17.79 0.15 0.00	17.25 0.14 0.00	19.94 0.10 0.00	27.11 0.15 0.00	30.37 0.31 0.00	32.51 0.62 0.00	33.34 0.74 0.00	31.39 0.74 0.00	28.64 0.77 0.00	23.26 0.70 0.00	20.72 0.67 0.00	20.83 0.70 0.00	19.50 0.65 0.00	19.73 0.58 0.00	20.85 0.54 0.00	22.35 0.53 0.00	36.04 1.00 0.00	31.54 0.68 0.00	29.06 0.53 0.00	22.54 0.45 0.00	21.67 0.44 0.00
CPV_VALLEY__CC2 323722	18.04 0.25 0.00	17.29 0.21 0.00	18.27 0.15 0.00	17.79 0.15 0.00	17.25 0.14 0.00	19.94 0.10 0.00	27.11 0.15 0.00	30.37 0.31 0.00	32.51 0.62 0.00	33.34 0.74 0.00	31.39 0.74 0.00	28.64 0.77 0.00	23.26 0.70 0.00	20.72 0.67 0.00	20.83 0.70 0.00	19.50 0.65 0.00	19.73 0.58 0.00	20.85 0.54 0.00	22.35 0.53 0.00	36.04 1.00 0.00	31.54 0.68 0.00	29.06 0.53 0.00	22.54 0.45 0.00	21.67 0.44 0.00
CRESCENT__HYD 24018	18.13 0.34 0.00	17.40 0.32 0.00	18.45 0.34 0.00	17.98 0.35 0.00	17.39 0.28 0.00	20.13 0.29 0.00	27.24 0.28 0.00	30.45 0.39 0.00	32.39 0.51 0.00	33.02 0.42 0.00	31.17 0.53 0.00	28.35 0.49 0.00	22.92 0.36 0.00	20.38 0.33 0.00	20.45 0.32 0.00	19.12 0.27 0.00	19.46 0.31 0.00	20.59 0.29 0.00	22.09 0.27 0.00	35.67 0.63 0.00	31.32 0.45 0.00	28.94 0.41 0.00	22.39 0.30 0.00	21.62 0.39 0.00
CRICKET__VALLEY_CC1 323756	18.03 0.24 0.00	17.28 0.20 0.00	18.27 0.15 0.00	17.80 0.17 0.00	17.27 0.15 0.00	19.93 0.08 0.00	26.94 -0.02 0.00	30.18 0.13 0.00	32.26 0.37 0.00	33.01 0.42 0.00	31.19 0.55 0.00	28.44 0.58 0.00	23.11 0.55 0.00	20.65 0.59 0.00	20.74 0.61 0.00	19.39 0.53 0.00	19.57 0.42 0.00	20.70 0.39 0.00	22.17 0.35 0.00	35.79 0.74 0.00	31.37 0.50 0.00	28.88 0.35 0.00	22.37 0.29 0.00	21.53 0.30 0.00
CRICKET__VALLEY_CC2 323757	18.03 0.24 0.00	17.28 0.20 0.00	18.27 0.15 0.00	17.80 0.17 0.00	17.27 0.15 0.00	19.93 0.08 0.00	26.94 -0.02 0.00	30.18 0.13 0.00	32.26 0.37 0.00	33.01 0.42 0.00	31.19 0.55 0.00	28.44 0.58 0.00	23.11 0.55 0.00	20.65 0.59 0.00	20.74 0.61 0.00	19.39 0.53 0.00	19.57 0.42 0.00	20.70 0.39 0.00	22.17 0.35 0.00	35.79 0.74 0.00	31.37 0.50 0.00	28.88 0.35 0.00	22.37 0.29 0.00	21.53 0.30 0.00
CRICKET__VALLEY_CC3 323758	18.03 0.24 0.00	17.28 0.20 0.00	18.27 0.15 0.00	17.80 0.17 0.00	17.27 0.15 0.00	19.93 0.08 0.00	26.94 -0.02 0.00	30.18 0.13 0.00	32.26 0.37 0.00	33.01 0.42 0.00	31.19 0.55 0.00	28.44 0.58 0.00	23.11 0.55 0.00	20.65 0.59 0.00	20.74 0.61 0.00	19.39 0.53 0.00	19.57 0.42 0.00	20.70 0.39 0.00	22.17 0.35 0.00	35.79 0.74 0.00	31.37 0.50 0.00	28.88 0.35 0.00	22.37 0.29 0.00	21.53 0.30 0.00
CRUCIBLE_METL_DRP 24180	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.10 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.44 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.33 0.00	20.00 -0.31 0.00	21.58 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.25 0.00
DAHOWA__HYDRO 323763	18.22 0.43 0.00	17.46 0.39 0.00	18.55 0.43 0.00	18.07 0.44 0.00	17.54 0.43 0.00	20.32 0.47 0.00	27.56 0.60 0.00	30.82 0.77 0.00	32.75 0.86 0.00	33.39 0.79 0.00	31.52 0.88 0.00	28.64 0.78 0.00	23.08 0.52 0.00	20.47 0.42 0.00	20.51 0.37 0.00	19.16 0.31 0.00	19.50 0.36 0.00	20.82 0.51 0.00	22.38 0.55 0.00	36.22 1.17 0.00	31.81 0.94 0.00	29.36 0.83 0.00	22.63 0.54 0.00	21.82 0.59 0.00
DANC__LFGE 323619	17.35 -0.44 0.00	16.67 -0.40 0.00	17.78 -0.33 0.00	17.40 -0.23 0.00	16.97 -0.14 0.00	19.73 -0.11 0.00	26.92 -0.04 0.00	30.10 0.04 0.00	31.70 -0.19 0.00	32.21 -0.39 0.00	30.05 -0.59 0.00	27.07 -0.80 0.00	21.79 -0.77 0.00	19.22 -0.83 0.00	19.22 -0.92 0.00	18.02 -0.84 0.00	18.28 -0.86 0.00	19.48 -0.83 0.00	21.13 -0.70 0.00	34.34 -0.71 0.00	30.25 -0.62 0.00	27.82 -0.71 0.00	21.46 -0.63 0.00	20.81 -0.41 0.00
DANSKAMMER__1 23586	18.45 0.66 0.00	17.68 0.60 0.00	18.68 0.56 0.00	18.19 0.56 0.00	17.66 0.54 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.10 0.00	33.39 1.50 0.00	34.25 1.65 0.00	32.25 1.61 0.00	29.40 1.54 0.00	23.87 1.31 0.00	21.29 1.24 0.00	21.34 1.20 0.00	20.01 1.16 0.00	20.26 1.11 0.00	21.41 1.10 0.00	22.97 1.15 0.00	37.09 2.04 0.00	32.46 1.59 0.00	29.86 1.33 0.00	23.11 1.02 0.00	22.19 0.96 0.00
DANSKAMMER__2 23589	18.45 0.66 0.00	17.68 0.60 0.00	18.68 0.56 0.00	18.19 0.56 0.00	17.66 0.54 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.10 0.00	33.39 1.50 0.00	34.25 1.65 0.00	32.25 1.61 0.00	29.40 1.54 0.00	23.87 1.31 0.00	21.29 1.24 0.00	21.34 1.20 0.00	20.01 1.16 0.00	20.26 1.11 0.00	21.41 1.10 0.00	22.97 1.15 0.00	37.09 2.04 0.00	32.46 1.59 0.00	29.86 1.33 0.00	23.11 1.02 0.00	22.19 0.96 0.00
DANSKAMMER__3 23590	18.45 0.66 0.00	17.68 0.60 0.00	18.68 0.56 0.00	18.19 0.56 0.00	17.66 0.54 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.10 0.00	33.39 1.50 0.00	34.25 1.65 0.00	32.25 1.61 0.00	29.40 1.54 0.00	23.87 1.31 0.00	21.29 1.24 0.00	21.34 1.20 0.00	20.01 1.16 0.00	20.26 1.11 0.00	21.41 1.10 0.00	22.97 1.15 0.00	37.09 2.04 0.00	32.46 1.59 0.00	29.86 1.33 0.00	23.11 1.02 0.00	22.19 0.96 0.00

DANSKAMMER___4 23591	18.45 0.66 0.00	17.68 0.60 0.00	18.68 0.56 0.00	18.19 0.56 0.00	17.66 0.54 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.10 0.00	33.39 1.50 0.00	34.25 1.65 0.00	32.25 1.61 0.00	29.40 1.54 0.00	23.87 1.31 0.00	21.29 1.24 0.00	21.34 1.20 0.00	20.01 1.16 0.00	20.26 1.11 0.00	21.41 1.10 0.00	22.97 1.15 0.00	37.09 2.04 0.00	32.46 1.59 0.00	29.86 1.33 0.00	23.11 1.02 0.00	22.19 0.96 0.00
DANSKAMMER___DIESEL 23592	18.45 0.66 0.00	17.68 0.60 0.00	18.68 0.56 0.00	18.19 0.56 0.00	17.66 0.54 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.11 0.00	33.39 1.50 0.00	34.25 1.65 0.00	32.25 1.61 0.00	29.41 1.54 0.00	23.87 1.31 0.00	21.29 1.24 0.00	21.34 1.20 0.00	20.01 1.15 0.00	20.26 1.11 0.00	21.41 1.10 0.00	22.97 1.15 0.00	37.09 2.04 0.00	32.46 1.59 0.00	29.86 1.33 0.00	23.11 1.02 0.00	22.19 0.96 0.00
DARBY___SOLAR 323810	18.23 0.44 0.00	17.47 0.40 0.00	18.56 0.44 0.00	18.08 0.45 0.00	17.54 0.43 0.00	20.31 0.47 0.00	27.55 0.59 0.00	30.80 0.74 0.00	32.72 0.83 0.00	33.36 0.76 0.00	31.49 0.85 0.00	28.62 0.76 0.00	23.06 0.49 0.00	20.45 0.40 0.00	20.50 0.36 0.00	19.17 0.32 0.00	19.50 0.36 0.00	20.80 0.49 0.00	22.37 0.54 0.00	36.18 1.14 0.00	31.77 0.91 0.00	29.33 0.80 0.00	22.62 0.54 0.00	21.81 0.59 0.00
DASHVILLE___HYD 23610	18.13 0.34 0.00	17.38 0.30 0.00	18.35 0.24 0.00	17.87 0.24 0.00	17.34 0.23 0.00	20.03 0.18 0.00	27.25 0.29 0.00	30.68 0.63 0.00	32.97 1.09 0.00	33.86 1.27 0.00	31.90 1.26 0.00	29.11 1.25 0.00	23.65 1.09 0.00	21.12 1.07 0.00	21.17 1.03 0.00	19.83 0.98 0.00	20.04 0.90 0.00	21.17 0.86 0.00	22.71 0.88 0.00	36.66 1.62 0.00	32.09 1.22 0.00	29.49 0.96 0.00	22.83 0.74 0.00	21.91 0.68 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.90 1.11 0.00	18.13 1.06 0.00	19.11 0.99 0.00	18.60 0.96 0.00	18.06 0.95 0.00	20.94 1.09 0.00	28.24 1.27 0.00	31.38 1.32 0.00	33.89 2.00 0.00	35.09 2.49 0.00	32.98 2.30 -0.03	30.22 2.29 -0.07	25.05 2.05 -0.44	22.14 1.70 -0.38	22.69 1.82 -0.74	20.46 1.61 0.00	20.25 1.10 0.00	21.93 1.62 0.00	23.60 1.78 0.00	39.26 3.58 -0.63	33.59 2.72 0.00	30.79 2.26 0.00	23.91 1.82 0.00	22.84 1.61 0.00
DELAWARE___LFGE 323621	18.18 0.39 0.00	17.43 0.35 0.00	18.49 0.37 0.00	18.00 0.36 0.00	17.45 0.34 0.00	20.24 0.39 0.00	27.52 0.56 0.00	30.74 0.69 0.00	32.88 1.00 0.00	33.68 1.08 0.00	31.59 0.94 0.00	28.80 0.94 0.00	23.36 0.79 0.00	20.76 0.71 0.00	20.89 0.76 0.00	19.59 0.73 0.00	19.84 0.70 0.00	20.99 0.68 0.00	22.58 0.75 0.00	36.34 1.30 0.00	31.77 0.90 0.00	29.34 0.81 0.00	22.73 0.64 0.00	21.85 0.63 0.00
DERFIELD_115KV_TB7 355931	17.81 0.02 0.00	17.09 0.02 0.00	18.12 0.01 0.00	17.65 0.02 0.00	17.11 0.00 0.00	19.84 0.00 0.00	26.93 -0.02 0.00	30.07 0.02 0.00	31.95 0.06 0.00	32.66 0.06 0.00	30.72 0.07 0.00	27.95 0.09 0.00	22.63 0.07 0.00	20.12 0.06 0.00	20.20 0.06 0.00	18.90 0.05 0.00	19.19 0.04 0.00	20.33 0.02 0.00	21.85 0.02 0.00	35.12 0.08 0.00	30.89 0.02 0.00	28.53 0.00 0.00	22.09 0.00 0.00	21.26 0.03 0.00
DOGLEVILLE___HYD 23807	17.58 -0.21 0.00	16.88 -0.20 0.00	17.87 -0.24 0.00	17.43 -0.21 0.00	16.84 -0.27 0.00	19.52 -0.33 0.00	26.49 -0.47 0.00	29.66 -0.39 0.00	31.51 -0.38 0.00	32.19 -0.41 0.00	30.48 -0.17 0.00	27.78 -0.08 0.00	22.35 -0.21 0.00	19.77 -0.29 0.00	19.86 -0.28 0.00	18.53 -0.33 0.00	18.78 -0.37 0.00	19.97 -0.33 0.00	21.44 -0.39 0.00	34.82 -0.23 0.00	30.48 -0.38 0.00	28.13 -0.40 0.00	21.75 -0.34 0.00	20.97 -0.25 0.00
DUNKIRK___115KV_TB_200 55889	18.04 0.25 0.00	17.32 0.24 0.00	18.35 0.23 0.00	17.86 0.22 0.00	17.40 0.29 0.00	20.37 0.52 0.00	27.91 0.95 0.00	31.14 1.09 0.00	32.91 1.02 0.00	33.45 0.86 0.00	30.90 0.26 0.00	28.25 0.38 0.00	22.87 0.31 0.00	20.24 0.18 0.00	20.38 0.25 0.00	19.20 0.34 0.00	19.52 0.37 0.00	20.66 0.35 0.00	22.37 0.55 0.00	35.91 0.86 0.00	30.90 0.04 0.00	28.75 0.22 0.00	22.36 0.27 0.00	21.51 0.28 0.00
DUNKIRK___1 23563	18.04 0.25 0.00	17.32 0.24 0.00	18.35 0.23 0.00	17.86 0.22 0.00	17.40 0.29 0.00	20.37 0.52 0.00	27.91 0.95 0.00	31.14 1.09 0.00	32.91 1.02 0.00	33.45 0.86 0.00	30.90 0.26 0.00	28.25 0.38 0.00	22.87 0.31 0.00	20.24 0.18 0.00	20.38 0.25 0.00	19.20 0.34 0.00	19.52 0.37 0.00	20.66 0.35 0.00	22.37 0.55 0.00	35.91 0.86 0.00	30.90 0.04 0.00	28.75 0.22 0.00	22.36 0.27 0.00	21.51 0.28 0.00
DUNKIRK___2 23564	18.04 0.25 0.00	17.32 0.24 0.00	18.35 0.23 0.00	17.86 0.22 0.00	17.40 0.29 0.00	20.37 0.52 0.00	27.91 0.95 0.00	31.14 1.09 0.00	32.91 1.02 0.00	33.45 0.86 0.00	30.90 0.26 0.00	28.25 0.38 0.00	22.87 0.31 0.00	20.24 0.18 0.00	20.38 0.25 0.00	19.20 0.34 0.00	19.52 0.37 0.00	20.66 0.35 0.00	22.37 0.55 0.00	35.91 0.86 0.00	30.90 0.04 0.00	28.75 0.22 0.00	22.36 0.27 0.00	21.51 0.28 0.00
DUNKIRK___3 23565	17.94 0.15 0.00	17.23 0.15 0.00	18.27 0.15 0.00	17.77 0.13 0.00	17.32 0.20 0.00	20.27 0.43 0.00	27.74 0.78 0.00	30.91 0.85 0.00	32.65 0.77 0.00	33.19 0.59 0.00	30.68 0.04 0.00	28.04 0.18 0.00	22.71 0.15 0.00	20.11 0.05 0.00	20.25 0.12 0.00	19.07 0.22 0.00	19.41 0.27 0.00	20.56 0.25 0.00	22.24 0.42 0.00	35.68 0.64 0.00	30.77 -0.10 0.00	28.65 0.12 0.00	22.31 0.22 0.00	21.45 0.22 0.00
DUNKIRK___4 23566	17.94 0.15 0.00	17.23 0.15 0.00	18.27 0.15 0.00	17.77 0.13 0.00	17.32 0.20 0.00	20.27 0.43 0.00	27.74 0.78 0.00	30.91 0.85 0.00	32.65 0.77 0.00	33.19 0.59 0.00	30.68 0.04 0.00	28.04 0.18 0.00	22.71 0.15 0.00	20.11 0.05 0.00	20.25 0.12 0.00	19.07 0.22 0.00	19.41 0.27 0.00	20.56 0.25 0.00	22.24 0.42 0.00	35.68 0.64 0.00	30.77 -0.10 0.00	28.65 0.12 0.00	22.31 0.22 0.00	21.45 0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.29 0.50 0.00	17.52 0.44 0.00	18.49 0.37 0.00	18.01 0.38 0.00	17.48 0.37 0.00	20.16 0.32 0.00	27.41 0.45 0.00	30.75 0.70 0.00	32.98 1.10 0.00	33.87 1.27 0.00	31.91 1.27 0.00	29.13 1.27 0.00	23.68 1.12 0.00	21.11 1.06 0.00	21.25 1.11 0.00	19.89 1.04 0.00	20.10 0.95 0.00	21.23 0.92 0.00	22.75 0.92 0.00	36.68 1.63 0.00	32.07 1.20 0.00	29.50 0.97 0.00	22.88 0.78 0.00	21.96 0.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.27 0.48 0.00	17.51 0.43 0.00	18.50 0.38 0.00	18.01 0.38 0.00	17.48 0.37 0.00	20.21 0.36 0.00	27.49 0.53 0.00	30.83 0.78 0.00	33.04 1.15 0.00	33.89 1.29 0.00	31.91 1.27 0.00	29.10 1.24 0.00	23.63 1.07 0.00	21.06 1.01 0.00	21.14 1.01 0.00	19.81 0.95 0.00	20.05 0.90 0.00	21.19 0.88 0.00	22.73 0.90 0.00	36.69 1.64 0.00	32.10 1.23 0.00	29.54 1.01 0.00	22.89 0.80 0.00	21.98 0.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.34 0.55 0.00	17.57 0.49 0.00	18.51 0.40 0.00	18.04 0.41 0.00	17.50 0.39 0.00	20.17 0.33 0.00	27.45 0.49 0.00	30.87 0.81 0.00	33.19 1.30 0.00	34.06 1.46 0.00	32.08 1.44 0.00	29.32 1.45 0.00	23.85 1.29 0.00	21.25 1.19 0.00	21.37 1.23 0.00	20.08 1.22 0.00	20.20 1.05 0.00	21.34 1.03 0.00	22.86 1.04 0.00	36.81 1.77 0.00	32.21 1.34 0.00	29.64 1.11 0.00	22.99 0.91 0.00	22.06 0.83 0.00
E179THST_13_KV_LOAD 356214	18.41 0.62 0.00	17.63 0.55 0.00	18.58 0.46 0.00	18.11 0.48 0.00	17.57 0.46 0.00	20.25 0.40 0.00	27.55 0.59 0.00	31.00 0.94 0.00	33.33 1.44 0.00	34.21 1.61 0.00	32.23 1.59 0.00	29.45 1.59 0.00	23.96 1.40 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.17 1.31 0.00	20.29 1.14 0.00	21.44 1.13 0.00	22.97 1.14 0.00	36.99 1.95 0.00	32.36 1.50 0.00	29.78 1.25 0.00	23.10 1.01 0.00	22.15 0.92 0.00
EAST HAMPTON___GT 23717	18.99 1.20 0.00	18.22 1.14 0.00	19.20 1.09 0.00	18.68 1.04 0.00	18.13 1.02 0.00	21.02 1.18 0.00	28.40 1.44 0.00	31.58 1.52 0.00	34.10 2.21 0.00	35.27 2.67 0.00	33.16 2.48 -0.03	30.39 2.46 -0.07	25.18 2.18 -0.44	22.25 1.81 -0.38	22.77 1.90 -0.74	20.57 1.72 0.00	20.34 1.19 0.00	22.05 1.74 0.00	23.74 1.91 0.00	39.49 3.82 -0.63	33.80 2.94 0.00	30.98 2.45 0.00	24.04 1.95 0.00	22.97 1.75 0.00
EAST RIVER___6 23660	18.31 0.52 0.00	17.52 0.45 0.00	18.47 0.35 0.00	18.00 0.37 0.00	17.48 0.37 0.00	20.13 0.29 0.00	27.40 0.43 0.00	30.79 0.73 0.00	33.13 1.25 0.00	34.06 1.47 0.00	32.09 1.45 0.00	29.31 1.44 0.00	23.84 1.28 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.07 1.22 0.00	20.26 1.11 0.00	21.37 1.07 0.00	22.88 1.06 0.00	36.79 1.74 0.00	32.14 1.27 0.00	29.55 1.03 0.00	22.95 0.86 0.00	22.00 0.78 0.00
EAST RIVER___7 23524	18.31 0.52 0.00	17.52 0.45 0.00	18.47 0.35 0.00	18.00 0.37 0.00	17.48 0.37 0.00	20.13 0.29 0.00	27.40 0.43 0.00	30.79 0.73 0.00	33.13 1.25 0.00	34.06 1.47 0.00	32.09 1.45 0.00	29.31 1.44 0.00	23.84 1.28 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.07 1.22 0.00	20.26 1.11 0.00	21.37 1.07 0.00	22.88 1.06 0.00	36.79 1.74 0.00	32.14 1.27 0.00	29.55 1.03 0.00	22.95 0.86 0.00	22.00 0.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.27 0.48 0.00	17.50 0.43 0.00	18.47 0.36 0.00	18.00 0.36 0.00	17.46 0.35 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.73 0.68 0.00	32.96 1.07 0.00	33.84 1.24 0.00	31.87 1.23 0.00	29.10 1.24 0.00	23.65 1.09 0.00	21.09 1.03 0.00	21.21 1.08 0.00	19.86 1.00 0.00	20.06 0.92 0.00	21.20 0.89 0.00	22.71 0.88 0.00	36.63 1.58 0.00	32.03 1.16 0.00	29.47 0.94 0.00	22.85 0.76 0.00	21.94 0.72 0.00
EAST_HAMPTON___DIESEL 23722	18.99 1.20 0.00	18.22 1.14 0.00	19.21 1.10 0.00	18.68 1.04 0.00	18.13 1.02 0.00	21.03 1.18 0.00	28.40 1.44 0.00	31.58 1.52 0.00	34.10 2.21 0.00	35.27 2.67 0.00	33.16 2.49 -0.03	30.40 2.46 -0.07	25.18 2.18 -0.44	22.25 1.82 -0.38	22.77 1.90 -0.74	20.57 1.72 0.00	20.34 1.19 0.00	22.05 1.74 0.00	23.74 1.92 0.00	39.51 3.83 -0.63	33.81 2.94 0.00	30.98 2.45 0.00	24.04 1.95 0.00	22.97 1.75 0.00
EAST_POINT___SOLAR 323840	18.88 1.09 0.00	18.09 1.02 0.00	19.23 1.12 0.00	18.71 1.08 0.00	18.24 1.13 0.00	21.26 1.41 0.00	29.01 2.05 0.00	32.27 2.21 0.00	34.31 2.42 0.00	35.12 2.52 0.00	32.77 2.13 0.00	29.77 1.91 0.00	23.97 1.41 0.00	21.28 1.23 0.00	21.36 1.22 0.00	19.93 1.08 0.00	20.24 1.10 0.00	21.55 1.24 0.00	23.30 1.48 0.00	37.55 2.50 0.00	33.06 2.19 0.00	30.70 2.17 0.00	23.65 1.56 0.00	22.68 1.46 0.00
EAST_PULASKI___ESR 323781	17.37 -0.42 0.00	16.67 -0.41 0.00	17.72 -0.40 0.00	17.29 -0.35 0.00	16.82 -0.28 0.00	19.53 -0.32 0.00	26.60 -0.36 0.00	29.72 -0.34 0.00	31.33 -0.56 0.00	31.91 -0.68 0.00	29.87 -0.77 0.00	26.99 -0.87 0.00	21.77 -0.79 0.00	19.29 -0.77 0.00	19.33 -0.81 0.00	18.11 -0.74 0.00	18.41 -0.74 0.00	19.56 -0.74 0.00	21.17 -0.66 0.00	34.20 -0.85 0.00	30.10 -0.77 0.00	27.76 -0.77 0.00	21.50 -0.59 0.00	20.75 -0.48 0.00
EAST_RIVER___1 323558	18.31 0.52 0.00	17.53 0.45 0.00	18.47 0.36 0.00	18.01 0.37 0.00	17.48 0.37 0.00	20.14 0.29 0.00	27.39 0.43 0.00	30.78 0.72 0.00	33.10 1.21 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.26 1.40 0.00	23.81 1.25 0.00	21.24 1.18 0.00	21.38 1.24 0.00	20.04 1.19 0.00	20.24 1.09 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.79 1.74 0.00	32.13 1.27 0.00	29.55 1.02 0.00	22.94 0.85 0.00	22.00 0.78 0.00
EAST_RIVER___2 323559	18.31 0.52 0.00	17.52 0.45 0.00	18.47 0.35 0.00	18.00 0.37 0.00	17.48 0.37 0.00	20.13 0.29 0.00	27.40 0.43 0.00	30.79 0.73 0.00	33.13 1.25 0.00	34.06 1.47 0.00	32.09 1.45 0.00	29.31 1.44 0.00	23.84 1.28 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.07 1.22 0.00	20.26 1.11 0.00	21.37 1.07 0.00	22.88 1.06 0.00	36.79 1.74 0.00	32.14 1.27 0.00	29.55 1.03 0.00	22.95 0.86 0.00	22.00 0.78 0.00
EAST___DELAWARE_HYD 23607	18.22 0.43 0.00	17.45 0.38 0.00	18.44 0.33 0.00	17.97 0.33 0.00	17.44 0.32 0.00	20.17 0.33 0.00	27.48 0.52 0.00	30.88 0.83 0.00	33.13 1.24 0.00	34.07 1.47 0.00	32.09 1.45 0.00	29.25 1.39 0.00	23.75 1.19 0.00	21.22 1.16 0.00	21.14 1.00 0.00	19.85 1.00 0.00	20.06 0.91 0.00	21.27 0.96 0.00	22.84 1.01 0.00	36.89 1.85 0.00	32.27 1.41 0.00	29.70 1.17 0.00	22.96 0.88 0.00	22.01 0.79 0.00
EIGHT_POINT___WT_PWR 323820	18.18 0.39 0.00	17.41 0.34 0.00	18.45 0.34 0.00	17.93 0.29 0.00	17.35 0.24 0.00	20.04 0.19 0.00	27.70 0.74 0.00	30.69 0.64 0.00	33.14 1.26 0.00	34.42 1.82 0.00	32.00 1.36 0.00	29.23 1.36 0.00	23.49 0.93 0.00	20.73 0.68 0.00	20.81 0.68 0.00	19.52 0.67 0.00	19.75 0.60 0.00	20.80 0.49 0.00	22.52 0.69 0.00	36.44 1.39 0.00	31.46 0.60 0.00	29.04 0.50 0.00	22.49 0.40 0.00	21.35 0.13 0.00
ELBRIDGE_115KV_TB2 80188	17.54 -0.25 0.00	16.82 -0.25 0.00	17.84 -0.27 0.00	17.38 -0.26 0.00	16.88 -0.23 0.00	19.61 -0.23 0.00	26.71 -0.25 0.00	29.79 -0.26 0.00	31.39 -0.49 0.00	32.06 -0.54 0.00	30.05 -0.59 0.00	27.27 -0.59 0.00	22.04 -0.52 0.00	19.56 -0.50 0.00	19.63 -0.51 0.00	18.41 -0.45 0.00	18.70 -0.45 0.00	19.88 -0.42 0.00	21.46 -0.36 0.00	34.49 -0.56 0.00	30.27 -0.59 0.00	27.96 -0.57 0.00	21.68 -0.40 0.00	20.87 -0.35 0.00
ELEC_TRO_TEK 24086	18.32 0.53 0.00	17.55 0.47 0.00	18.50 0.39 0.00	18.01 0.37 0.00	17.48 0.37 0.00	20.20 0.36 0.00	27.34 0.38 0.00	30.53 0.48 0.00	32.90 1.01 0.00	33.95 1.35 0.00	32.25 1.36 -0.25	29.86 1.48 -0.52	27.06 1.39 -3.11	25.32 1.20 -4.07	26.82 1.27 -5.41	19.96 1.10 0.00	20.00 0.85 0.00	21.30 0.99 0.00	22.85 1.03 0.00	37.93 1.98 -0.90	32.28 1.41 0.00	29.67 1.14 0.00	23.02 0.93 0.00	22.05 0.82 0.00

ELLENBURG_WT_PWR 323604	18.04 0.25 0.00	17.29 0.21 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.54 0.43 0.00	20.41 0.57 0.00	27.75 0.79 0.00	30.84 0.79 0.00	32.71 0.82 0.00	33.69 1.09 0.00	31.65 1.01 0.00	28.44 0.58 0.00	22.79 0.23 0.00	20.15 0.09 0.00	20.23 0.10 0.00	18.89 0.03 0.00	18.98 -0.17 0.00	20.58 0.28 0.00	22.58 0.75 0.00	36.59 1.55 0.00	32.24 1.37 0.00	29.76 1.23 0.00	22.93 0.84 0.00	21.87 0.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.77 -0.02 0.00	17.08 0.00 0.00	18.13 0.02 0.00	17.62 -0.01 0.00	17.20 0.09 0.00	20.13 0.28 0.00	27.46 0.50 0.00	30.49 0.44 0.00	32.12 0.23 0.00	32.49 -0.10 0.00	30.11 -0.54 0.00	27.51 -0.35 0.00	22.31 -0.25 0.00	19.75 -0.30 0.00	19.90 -0.24 0.00	18.74 -0.12 0.00	19.15 0.00 0.00	20.33 0.02 0.00	21.95 0.13 0.00	35.11 0.06 0.00	30.43 -0.44 0.00	28.41 -0.12 0.00	22.18 0.09 0.00	21.27 0.04 0.00
EMPIRE_CC_1 323656	18.01 0.22 0.00	17.28 0.21 0.00	18.28 0.16 0.00	17.82 0.18 0.00	17.24 0.13 0.00	19.91 0.07 0.00	26.83 -0.13 0.00	30.00 -0.05 0.00	31.97 0.08 0.00	32.59 -0.01 0.00	30.77 0.12 0.00	28.01 0.15 0.00	22.68 0.12 0.00	20.20 0.15 0.00	20.27 0.13 0.00	18.96 0.11 0.00	19.28 0.14 0.00	20.35 0.04 0.00	21.79 -0.03 0.00	35.12 0.08 0.00	30.84 -0.03 0.00	28.50 -0.03 0.00	22.11 0.02 0.00	21.43 0.21 0.00
EMPIRE_CC_2 323658	18.01 0.22 0.00	17.28 0.21 0.00	18.28 0.16 0.00	17.82 0.18 0.00	17.24 0.13 0.00	19.91 0.07 0.00	26.83 -0.13 0.00	30.00 -0.05 0.00	31.97 0.08 0.00	32.59 -0.01 0.00	30.77 0.12 0.00	28.01 0.15 0.00	22.68 0.12 0.00	20.20 0.15 0.00	20.27 0.13 0.00	18.96 0.11 0.00	19.28 0.14 0.00	20.35 0.04 0.00	21.79 -0.03 0.00	35.12 0.08 0.00	30.84 -0.03 0.00	28.50 -0.03 0.00	22.11 0.02 0.00	21.43 0.21 0.00
ENORWICH_115KV_TB1 80156	19.05 1.26 0.00	18.22 1.14 0.00	19.37 1.26 0.00	18.87 1.23 0.00	18.37 1.26 0.00	21.36 1.52 0.00	29.18 2.22 0.00	32.36 2.31 0.00	33.97 2.09 0.00	34.98 2.38 0.00	32.84 2.19 0.00	29.86 1.99 0.00	24.10 1.54 0.00	21.28 1.23 0.00	21.49 1.36 0.00	20.01 1.16 0.00	20.15 1.00 0.00	21.59 1.28 0.00	23.52 1.70 0.00	38.04 2.99 0.00	33.22 2.36 0.00	30.64 2.11 0.00	23.71 1.62 0.00	22.71 1.48 0.00
ERIE_ST_34_KV_TB1-2 80199	18.09 0.30 0.00	17.38 0.31 0.00	18.46 0.34 0.00	17.94 0.30 0.00	17.50 0.39 0.00	20.49 0.64 0.00	27.99 1.03 0.00	31.06 1.00 0.00	32.80 0.91 0.00	33.23 0.63 0.00	30.78 0.14 0.00	28.08 0.21 0.00	22.76 0.20 0.00	20.15 0.09 0.00	20.30 0.17 0.00	19.10 0.25 0.00	19.51 0.36 0.00	20.72 0.41 0.00	22.40 0.57 0.00	35.87 0.83 0.00	31.08 0.21 0.00	28.99 0.46 0.00	22.62 0.53 0.00	21.72 0.50 0.00
ERIE_WT_PWR 323693	17.90 0.11 0.00	17.21 0.13 0.00	18.27 0.15 0.00	17.75 0.12 0.00	17.32 0.21 0.00	20.27 0.43 0.00	27.67 0.71 0.00	30.73 0.68 0.00	32.39 0.50 0.00	32.79 0.19 0.00	30.35 -0.29 0.00	27.72 -0.14 0.00	22.49 -0.07 0.00	19.90 -0.15 0.00	20.04 -0.09 0.00	18.85 0.00 0.00	19.31 0.17 0.00	20.48 0.18 0.00	22.11 0.28 0.00	35.42 0.37 0.00	30.67 -0.20 0.00	28.63 0.11 0.00	22.33 0.25 0.00	21.39 0.16 0.00
ESPRGFLD_115KV_TB1 80157	18.74 0.95 0.00	17.94 0.86 0.00	19.06 0.95 0.00	18.54 0.91 0.00	18.05 0.94 0.00	21.03 1.19 0.00	28.72 1.75 0.00	31.97 1.91 0.00	34.05 2.16 0.00	34.94 2.34 0.00	32.60 1.96 0.00	29.67 1.80 0.00	24.00 1.44 0.00	21.32 1.27 0.00	21.43 1.29 0.00	20.03 1.17 0.00	20.29 1.14 0.00	21.53 1.23 0.00	23.28 1.46 0.00	37.47 2.42 0.00	32.87 2.00 0.00	30.43 1.90 0.00	23.50 1.41 0.00	22.53 1.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.94 0.15 0.00	17.21 0.13 0.00	18.25 0.14 0.00	17.77 0.13 0.00	17.26 0.15 0.00	20.08 0.23 0.00	27.39 0.43 0.00	30.53 0.48 0.00	31.87 -0.01 0.00	32.57 -0.03 0.00	30.52 -0.12 0.00	27.69 -0.18 0.00	22.33 -0.23 0.00	19.75 -0.30 0.00	19.84 -0.29 0.00	18.53 -0.33 0.00	18.82 -0.33 0.00	20.07 -0.24 0.00	21.75 -0.07 0.00	35.06 0.01 0.00	30.79 -0.07 0.00	28.43 -0.10 0.00	22.03 -0.06 0.00	21.17 -0.05 0.00
ETNA____115KV_TB2 80207	17.94 0.15 0.00	17.21 0.13 0.00	18.25 0.14 0.00	17.77 0.13 0.00	17.26 0.15 0.00	20.08 0.23 0.00	27.39 0.43 0.00	30.53 0.48 0.00	31.87 -0.01 0.00	32.57 -0.03 0.00	30.52 -0.12 0.00	27.69 -0.18 0.00	22.33 -0.23 0.00	19.75 -0.30 0.00	19.84 -0.29 0.00	18.53 -0.33 0.00	18.82 -0.33 0.00	20.07 -0.24 0.00	21.75 -0.07 0.00	35.06 0.01 0.00	30.79 -0.07 0.00	28.43 -0.10 0.00	22.03 -0.06 0.00	21.17 -0.05 0.00
EUCLID____115KV_TB2 356179	17.43 -0.36 0.00	16.72 -0.35 0.00	17.74 -0.38 0.00	17.27 -0.36 0.00	16.78 -0.33 0.00	19.48 -0.36 0.00	26.52 -0.44 0.00	29.59 -0.47 0.00	31.22 -0.67 0.00	31.86 -0.74 0.00	29.87 -0.77 0.00	27.12 -0.75 0.00	21.92 -0.64 0.00	19.48 -0.57 0.00	19.56 -0.58 0.00	18.33 -0.53 0.00	18.64 -0.51 0.00	19.77 -0.54 0.00	21.33 -0.50 0.00	34.28 -0.77 0.00	30.10 -0.77 0.00	27.81 -0.72 0.00	21.55 -0.53 0.00	20.76 -0.47 0.00
E_CANADA_CAP_HY 24051	18.87 1.08 0.00	18.07 1.00 0.00	19.22 1.10 0.00	18.70 1.06 0.00	18.23 1.12 0.00	21.24 1.40 0.00	29.00 2.03 0.00	32.21 2.16 0.00	34.24 2.36 0.00	35.06 2.46 0.00	32.70 2.06 0.00	29.71 1.85 0.00	23.94 1.38 0.00	21.26 1.21 0.00	21.34 1.20 0.00	19.92 1.07 0.00	20.23 1.08 0.00	21.52 1.22 0.00	23.28 1.45 0.00	37.48 2.43 0.00	33.00 2.13 0.00	30.66 2.13 0.00	23.64 1.55 0.00	22.67 1.44 0.00
E_CANADA_MHWK_HY 24050	17.58 -0.21 0.00	16.88 -0.20 0.00	17.87 -0.24 0.00	17.43 -0.21 0.00	16.84 -0.27 0.00	19.52 -0.33 0.00	26.49 -0.47 0.00	29.66 -0.39 0.00	31.51 -0.38 0.00	32.19 -0.41 0.00	30.48 -0.17 0.00	27.78 -0.08 0.00	22.35 -0.21 0.00	19.77 -0.29 0.00	19.86 -0.28 0.00	18.53 -0.33 0.00	18.78 -0.37 0.00	19.97 -0.33 0.00	21.44 -0.39 0.00	34.82 -0.23 0.00	30.48 -0.38 0.00	28.13 -0.40 0.00	21.75 -0.34 0.00	20.97 -0.25 0.00
E_FISHKILL____LBMP 23776	18.16 0.37 0.00	17.41 0.33 0.00	18.39 0.27 0.00	17.92 0.28 0.00	17.38 0.26 0.00	20.06 0.22 0.00	27.23 0.26 0.00	30.51 0.46 0.00	32.66 0.78 0.00	33.48 0.89 0.00	31.57 0.92 0.00	28.80 0.93 0.00	23.39 0.83 0.00	20.86 0.81 0.00	20.97 0.83 0.00	19.62 0.77 0.00	19.83 0.69 0.00	20.97 0.66 0.00	22.47 0.64 0.00	36.25 1.20 0.00	31.73 0.86 0.00	29.21 0.68 0.00	22.63 0.55 0.00	21.76 0.53 0.00
FALCON____SEABRD_CC1 323796	18.28 0.49 0.00	17.49 0.42 0.00	18.73 0.62 0.00	18.27 0.64 0.00	17.73 0.62 0.00	20.57 0.73 0.00	27.97 1.01 0.00	31.32 1.26 0.00	33.25 1.37 0.00	34.41 1.82 0.00	32.38 1.74 0.00	29.01 1.15 0.00	23.17 0.60 0.00	20.48 0.43 0.00	20.52 0.39 0.00	19.13 0.28 0.00	19.16 0.02 0.00	20.88 0.57 0.00	23.08 1.26 0.00	37.61 2.56 0.00	33.04 2.18 0.00	30.53 2.00 0.00	23.49 1.40 0.00	22.44 1.22 0.00

FALCON___SEABRD_CC2 323797	18.28 0.49 0.00	17.49 0.42 0.00	18.73 0.62 0.00	18.27 0.64 0.00	17.73 0.62 0.00	20.57 0.73 0.00	27.97 1.01 0.00	31.32 1.26 0.00	33.25 1.37 0.00	34.41 1.82 0.00	32.38 1.74 0.00	29.01 1.15 0.00	23.17 0.60 0.00	20.48 0.43 0.00	20.52 0.39 0.00	19.13 0.28 0.00	19.16 0.02 0.00	20.88 0.57 0.00	23.08 1.26 0.00	37.61 2.56 0.00	33.04 2.18 0.00	30.53 2.00 0.00	23.49 1.40 0.00	22.44 1.22 0.00
FAR ROCKAWAY___4 23548	18.62 0.83 0.00	17.74 0.66 0.00	18.69 0.58 0.00	18.20 0.57 0.00	17.67 0.56 0.00	20.42 0.58 0.00	27.45 0.48 0.00	30.57 0.52 0.00	32.96 1.07 0.00	34.07 1.47 0.00	32.64 1.50 -0.50	30.65 1.63 -1.15	30.83 1.51 -6.76	30.40 1.31 -9.03	32.44 1.38 -10.92	20.05 1.18 -0.01	20.07 0.93 0.00	21.39 1.08 0.00	22.96 1.14 0.00	38.09 2.18 -0.87	32.44 1.57 0.00	29.81 1.28 0.00	23.15 1.07 0.00	22.24 1.02 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.32 0.54 0.00	17.54 0.47 0.00	18.49 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.15 0.31 0.00	27.41 0.45 0.00	30.81 0.75 0.00	33.12 1.24 0.00	34.04 1.44 0.00	32.07 1.43 0.00	29.28 1.42 0.00	23.82 1.26 0.00	21.25 1.20 0.00	21.38 1.25 0.00	20.05 1.20 0.00	20.24 1.10 0.00	21.36 1.05 0.00	22.88 1.06 0.00	36.81 1.77 0.00	32.16 1.30 0.00	29.58 1.05 0.00	22.96 0.87 0.00	22.01 0.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.33 0.55 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.03 0.40 0.00	17.51 0.40 0.00	20.16 0.32 0.00	27.43 0.47 0.00	30.82 0.77 0.00	33.15 1.27 0.00	34.06 1.46 0.00	32.09 1.44 0.00	29.31 1.44 0.00	23.84 1.28 0.00	21.26 1.21 0.00	21.40 1.26 0.00	20.06 1.21 0.00	20.26 1.11 0.00	21.37 1.07 0.00	22.89 1.07 0.00	36.83 1.79 0.00	32.19 1.33 0.00	29.60 1.07 0.00	22.98 0.89 0.00	22.03 0.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.32 0.53 0.00	17.54 0.46 0.00	18.49 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.41 0.44 0.00	30.79 0.74 0.00	33.12 1.23 0.00	34.03 1.43 0.00	32.06 1.42 0.00	29.28 1.41 0.00	23.82 1.26 0.00	21.24 1.19 0.00	21.38 1.24 0.00	20.05 1.19 0.00	20.24 1.09 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.80 1.75 0.00	32.15 1.29 0.00	29.56 1.03 0.00	22.96 0.87 0.00	22.01 0.78 0.00
FARRAGUT___LBMP 323566	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.36 0.00	18.01 0.37 0.00	17.48 0.37 0.00	20.13 0.29 0.00	27.38 0.42 0.00	30.77 0.72 0.00	33.09 1.20 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.03 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.85 1.02 0.00	36.76 1.72 0.00	32.13 1.27 0.00	29.55 1.02 0.00	22.94 0.85 0.00	21.99 0.77 0.00
FENNER___WINDPWR 24204	18.14 0.35 0.00	17.39 0.31 0.00	18.45 0.34 0.00	17.98 0.35 0.00	17.48 0.37 0.00	20.33 0.49 0.00	27.72 0.76 0.00	30.97 0.92 0.00	32.78 0.89 0.00	33.53 0.93 0.00	31.44 0.80 0.00	28.51 0.64 0.00	22.93 0.37 0.00	20.29 0.23 0.00	20.35 0.21 0.00	18.99 0.14 0.00	19.35 0.20 0.00	20.54 0.23 0.00	22.24 0.42 0.00	35.92 0.88 0.00	31.61 0.74 0.00	29.19 0.66 0.00	22.54 0.45 0.00	21.63 0.41 0.00
FIBERTEK___ENERGY 23856	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.10 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.44 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.33 0.00	20.00 -0.31 0.00	21.58 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.25 0.00
FITZPATRICK____ 23598	17.22 -0.57 0.00	16.53 -0.55 0.00	17.53 -0.58 0.00	17.07 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.15 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.46 -1.14 0.00	29.51 -1.13 0.00	26.80 -1.06 0.00	21.69 -0.87 0.00	19.28 -0.77 0.00	19.36 -0.78 0.00	18.14 -0.71 0.00	18.44 -0.70 0.00	19.55 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.03 0.00	21.31 -0.78 0.00	20.53 -0.70 0.00
FLOWRFLD_69_KV_BK1 356044	18.50 0.71 0.00	17.73 0.66 0.00	18.69 0.58 0.00	18.19 0.55 0.00	17.68 0.57 0.00	20.44 0.60 0.00	27.60 0.64 0.00	30.75 0.69 0.00	33.19 1.31 0.00	34.37 1.77 0.00	32.37 1.69 -0.03	29.74 1.81 -0.07	24.69 1.68 -0.46	21.86 1.40 -0.41	22.44 1.53 -0.77	20.17 1.32 0.00	20.08 0.94 0.00	21.55 1.24 0.00	23.16 1.34 0.00	38.33 2.65 -0.63	32.83 1.96 0.00	30.11 1.58 0.00	23.37 1.28 0.00	22.35 1.13 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.47 0.68 0.00	17.70 0.62 0.00	18.70 0.59 0.00	18.22 0.58 0.00	17.68 0.57 0.00	20.45 0.60 0.00	27.81 0.85 0.00	31.22 1.17 0.00	33.45 1.57 0.00	34.30 1.71 0.00	32.31 1.67 0.00	29.46 1.60 0.00	23.92 1.35 0.00	21.33 1.28 0.00	21.38 1.24 0.00	20.05 1.19 0.00	20.30 1.15 0.00	21.45 1.15 0.00	23.01 1.18 0.00	37.15 2.10 0.00	32.50 1.63 0.00	29.89 1.36 0.00	23.14 1.05 0.00	22.22 0.99 0.00
FORT ORANGE____ 23900	18.12 0.33 0.00	17.40 0.32 0.00	18.39 0.28 0.00	17.93 0.30 0.00	17.37 0.26 0.00	20.10 0.25 0.00	27.16 0.20 0.00	30.35 0.30 0.00	32.30 0.42 0.00	32.92 0.32 0.00	31.02 0.37 0.00	28.22 0.35 0.00	22.79 0.23 0.00	20.22 0.17 0.00	20.24 0.11 0.00	19.00 0.15 0.00	19.39 0.24 0.00	20.47 0.16 0.00	21.94 0.12 0.00	35.30 0.25 0.00	30.98 0.12 0.00	28.63 0.10 0.00	22.23 0.14 0.00	21.48 0.26 0.00
FORT_DRUM_COGEN 23780	17.49 -0.30 0.00	16.81 -0.26 0.00	17.97 -0.14 0.00	17.64 0.00 0.00	17.22 0.11 0.00	20.08 0.23 0.00	27.46 0.50 0.00	30.73 0.67 0.00	32.34 0.45 0.00	32.76 0.16 0.00	30.44 -0.20 0.00	27.31 -0.55 0.00	21.93 -0.63 0.00	19.28 -0.77 0.00	19.24 -0.90 0.00	18.03 -0.82 0.00	18.29 -0.86 0.00	19.57 -0.74 0.00	21.33 -0.49 0.00	34.88 -0.16 0.00	30.77 -0.10 0.00	28.24 -0.29 0.00	21.68 -0.41 0.00	21.06 -0.16 0.00
FOX_HILLS___ESR 323835	18.42 0.63 0.00	17.63 0.55 0.00	18.58 0.46 0.00	18.11 0.47 0.00	17.57 0.46 0.00	20.25 0.40 0.00	27.57 0.60 0.00	30.98 0.92 0.00	33.30 1.41 0.00	34.16 1.56 0.00	32.20 1.56 0.00	29.41 1.55 0.00	23.92 1.36 0.00	21.32 1.26 0.00	21.44 1.31 0.00	20.13 1.28 0.00	20.30 1.16 0.00	21.44 1.13 0.00	22.96 1.14 0.00	36.89 1.85 0.00	32.33 1.46 0.00	29.76 1.23 0.00	23.11 1.02 0.00	22.17 0.94 0.00
FPL FAR_ROCK_GT1 24212	18.62 0.83 0.00	17.74 0.66 0.00	18.69 0.58 0.00	18.20 0.57 0.00	17.67 0.56 0.00	20.42 0.58 0.00	27.45 0.48 0.00	30.57 0.52 0.00	32.96 1.08 0.00	34.07 1.47 0.00	32.64 1.50 -0.50	30.65 1.63 -1.15	30.83 1.51 -6.76	30.40 1.31 -9.03	32.44 1.38 -10.92	20.05 1.19 -0.01	20.07 0.93 0.00	21.39 1.08 0.00	22.96 1.14 0.00	38.09 2.18 -0.87	32.44 1.57 0.00	29.81 1.28 0.00	23.15 1.07 0.00	22.25 1.02 0.00

FPL FAR_ROCK_GT2 23815	18.62 0.83 0.00	17.74 0.66 0.00	18.69 0.58 0.00	18.20 0.57 0.00	17.67 0.56 0.00	20.42 0.58 0.00	27.45 0.48 0.00	30.57 0.52 0.00	32.96 1.08 0.00	34.07 1.47 0.00	32.64 1.50 -0.50	30.65 1.63 -1.15	30.83 1.51 -6.76	30.40 1.31 -9.03	32.44 1.38 -10.92	20.05 1.19 -0.01	20.07 0.93 0.00	21.39 1.08 0.00	22.96 1.14 0.00	38.09 2.18 -0.87	32.44 1.57 0.00	29.81 1.28 0.00	23.15 1.07 0.00	22.25 1.02 0.00
FRANKLIN_FALL_HYD 24054	18.08 0.29 0.00	17.34 0.26 0.00	18.56 0.44 0.00	18.08 0.45 0.00	17.59 0.48 0.00	20.50 0.66 0.00	27.92 0.96 0.00	30.95 0.89 0.00	32.77 0.89 0.00	33.65 1.06 0.00	31.55 0.91 0.00	28.39 0.52 0.00	22.79 0.23 0.00	20.14 0.09 0.00	20.24 0.10 0.00	18.91 0.06 0.00	19.10 -0.05 0.00	20.65 0.34 0.00	22.53 0.71 0.00	36.41 1.37 0.00	32.17 1.31 0.00	29.70 1.17 0.00	22.86 0.77 0.00	21.76 0.54 0.00
FREEPORT_EQUS_GT1 23764	18.42 0.63 0.00	17.63 0.56 0.00	18.58 0.47 0.00	18.09 0.45 0.00	17.56 0.45 0.00	20.30 0.45 0.00	27.47 0.51 0.00	30.65 0.60 0.00	33.05 1.17 0.00	34.14 1.55 0.00	32.38 1.53 -0.21	29.97 1.64 -0.47	26.87 1.53 -2.78	24.96 1.32 -3.59	26.09 1.39 -4.56	20.07 1.22 0.00	20.09 0.94 0.00	21.42 1.12 0.00	23.00 1.18 0.00	38.06 2.28 -0.74	32.52 1.65 0.00	29.87 1.34 0.00	23.17 1.09 0.00	22.19 0.96 0.00
FREEPORT___CT2 23818	18.42 0.63 0.00	17.63 0.56 0.00	18.58 0.47 0.00	18.09 0.45 0.00	17.56 0.45 0.00	20.30 0.45 0.00	27.47 0.51 0.00	30.65 0.60 0.00	33.05 1.17 0.00	34.14 1.55 0.00	32.38 1.53 -0.21	29.97 1.64 -0.47	26.87 1.53 -2.78	24.96 1.32 -3.59	26.09 1.39 -4.56	20.07 1.22 0.00	20.09 0.94 0.00	21.42 1.12 0.00	23.00 1.18 0.00	38.06 2.28 -0.74	32.52 1.65 0.00	29.87 1.34 0.00	23.17 1.09 0.00	22.19 0.96 0.00
FRESHKLS_33_KV_LOAD 356253	18.44 0.65 0.00	17.65 0.58 0.00	18.60 0.49 0.00	18.14 0.51 0.00	17.60 0.49 0.00	20.30 0.45 0.00	27.62 0.66 0.00	31.01 0.95 0.00	33.31 1.43 0.00	34.12 1.52 0.00	32.19 1.54 0.00	29.39 1.52 0.00	23.90 1.34 0.00	21.28 1.23 0.00	21.39 1.26 0.00	20.10 1.24 0.00	20.27 1.12 0.00	21.40 1.10 0.00	22.93 1.11 0.00	36.78 1.74 0.00	32.30 1.44 0.00	29.77 1.24 0.00	23.14 1.05 0.00	22.21 0.99 0.00
FULTON COGEN____ 23766	17.39 -0.40 0.00	16.68 -0.39 0.00	17.69 -0.42 0.00	17.23 -0.40 0.00	16.74 -0.38 0.00	19.42 -0.42 0.00	26.45 -0.51 0.00	29.52 -0.53 0.00	31.15 -0.74 0.00	31.78 -0.82 0.00	29.83 -0.81 0.00	27.00 -0.87 0.00	21.82 -0.75 0.00	19.39 -0.67 0.00	19.46 -0.67 0.00	18.24 -0.61 0.00	18.59 -0.56 0.00	19.69 -0.62 0.00	21.27 -0.56 0.00	34.21 -0.83 0.00	30.05 -0.82 0.00	27.76 -0.76 0.00	21.51 -0.58 0.00	20.71 -0.51 0.00
FULTON___LFGE 323630	19.46 1.67 0.00	18.62 1.55 0.00	19.78 1.67 0.00	19.27 1.64 0.00	18.76 1.65 0.00	21.94 2.09 0.00	29.99 3.03 0.00	33.47 3.41 0.00	35.51 3.63 0.00	36.18 3.59 0.00	33.89 3.25 0.00	30.72 2.85 0.00	24.33 1.77 0.00	21.37 1.32 0.00	21.53 1.39 0.00	20.01 1.16 0.00	20.47 1.32 0.00	22.07 1.76 0.00	24.01 2.19 0.00	39.05 4.01 0.00	34.35 3.49 0.00	31.74 3.21 0.00	24.41 2.32 0.00	23.35 2.13 0.00
G.F.CEMENT___DRP 24184	18.27 0.49 0.00	17.49 0.42 0.00	18.60 0.49 0.00	18.12 0.49 0.00	17.62 0.51 0.00	20.41 0.57 0.00	27.70 0.74 0.00	30.99 0.93 0.00	32.89 1.01 0.00	33.52 0.92 0.00	31.68 1.04 0.00	28.78 0.91 0.00	23.15 0.59 0.00	20.54 0.49 0.00	20.56 0.42 0.00	19.22 0.36 0.00	19.55 0.40 0.00	20.95 0.64 0.00	22.51 0.69 0.00	36.47 1.43 0.00	32.05 1.19 0.00	29.57 1.04 0.00	22.74 0.65 0.00	21.91 0.69 0.00
GARDENVILLE___LBMP 24039	17.83 0.04 0.00	17.14 0.06 0.00	18.20 0.08 0.00	17.68 0.05 0.00	17.26 0.15 0.00	20.19 0.35 0.00	27.56 0.60 0.00	30.61 0.56 0.00	32.27 0.38 0.00	32.67 0.07 0.00	30.26 -0.39 0.00	27.65 -0.22 0.00	22.42 -0.14 0.00	19.84 -0.21 0.00	19.99 -0.15 0.00	18.82 -0.03 0.00	19.22 0.08 0.00	20.41 0.10 0.00	22.04 0.22 0.00	35.27 0.22 0.00	30.55 -0.31 0.00	28.50 -0.03 0.00	22.24 0.15 0.00	21.33 0.10 0.00
GARDNVLA_35_KV_LD 355827	17.91 0.12 0.00	17.22 0.14 0.00	18.28 0.17 0.00	17.76 0.13 0.00	17.34 0.22 0.00	20.29 0.45 0.00	27.69 0.73 0.00	30.75 0.70 0.00	32.42 0.53 0.00	32.82 0.22 0.00	30.39 -0.25 0.00	27.76 -0.11 0.00	22.51 -0.05 0.00	19.93 -0.13 0.00	20.07 -0.07 0.00	18.90 0.05 0.00	19.31 0.17 0.00	20.51 0.21 0.00	22.14 0.32 0.00	35.45 0.41 0.00	30.71 -0.16 0.00	28.67 0.14 0.00	22.37 0.28 0.00	21.42 0.20 0.00
GELCKHM__115KV_LOAD 80723	17.50 -0.29 0.00	16.79 -0.28 0.00	17.81 -0.31 0.00	17.34 -0.29 0.00	16.85 -0.26 0.00	19.57 -0.28 0.00	26.64 -0.32 0.00	29.73 -0.33 0.00	31.36 -0.52 0.00	32.01 -0.59 0.00	30.01 -0.63 0.00	27.24 -0.63 0.00	22.02 -0.54 0.00	19.55 -0.50 0.00	19.63 -0.50 0.00	18.40 -0.45 0.00	18.71 -0.44 0.00	19.86 -0.45 0.00	21.42 -0.40 0.00	34.44 -0.61 0.00	30.24 -0.63 0.00	27.93 -0.59 0.00	21.65 -0.44 0.00	20.84 -0.38 0.00
GENERAL___MILLS 23808	17.89 0.10 0.00	17.19 0.12 0.00	18.26 0.14 0.00	17.74 0.11 0.00	17.31 0.20 0.00	20.26 0.42 0.00	27.65 0.69 0.00	30.71 0.65 0.00	32.37 0.48 0.00	32.76 0.16 0.00	30.34 -0.30 0.00	27.71 -0.15 0.00	22.47 -0.09 0.00	19.89 -0.16 0.00	20.04 -0.10 0.00	18.87 0.02 0.00	19.28 0.13 0.00	20.47 0.16 0.00	22.10 0.28 0.00	35.38 0.34 0.00	30.65 -0.22 0.00	28.61 0.08 0.00	22.33 0.24 0.00	21.39 0.16 0.00
GE_PLASTICS___DRP 24183	18.04 0.25 0.00	17.32 0.25 0.00	18.32 0.21 0.00	17.86 0.23 0.00	17.30 0.19 0.00	20.02 0.17 0.00	27.08 0.12 0.00	30.26 0.20 0.00	32.22 0.33 0.00	32.87 0.27 0.00	30.97 0.33 0.00	28.19 0.32 0.00	22.81 0.25 0.00	20.27 0.22 0.00	20.33 0.19 0.00	19.04 0.19 0.00	19.39 0.25 0.00	20.48 0.17 0.00	21.96 0.14 0.00	35.32 0.28 0.00	31.00 0.14 0.00	28.63 0.10 0.00	22.21 0.12 0.00	21.44 0.21 0.00
GILBOA___1 23756	18.06 0.27 0.00	17.29 0.21 0.00	18.37 0.25 0.00	17.87 0.23 0.00	17.28 0.17 0.00	20.00 0.15 0.00	27.11 0.15 0.00	30.30 0.25 0.00	32.37 0.49 0.00	33.08 0.48 0.00	31.14 0.49 0.00	28.37 0.50 0.00	23.02 0.46 0.00	20.49 0.44 0.00	20.59 0.45 0.00	19.27 0.42 0.00	19.54 0.39 0.00	20.67 0.36 0.00	22.18 0.36 0.00	35.68 0.64 0.00	31.27 0.40 0.00	28.87 0.34 0.00	22.37 0.28 0.00	21.53 0.31 0.00
GILBOA___2 23757	18.06 0.27 0.00	17.29 0.21 0.00	18.37 0.25 0.00	17.87 0.23 0.00	17.28 0.17 0.00	20.00 0.15 0.00	27.11 0.15 0.00	30.30 0.25 0.00	32.37 0.49 0.00	33.08 0.48 0.00	31.14 0.49 0.00	28.37 0.50 0.00	23.02 0.46 0.00	20.49 0.44 0.00	20.59 0.45 0.00	19.27 0.42 0.00	19.54 0.39 0.00	20.67 0.36 0.00	22.18 0.36 0.00	35.68 0.64 0.00	31.27 0.40 0.00	28.87 0.34 0.00	22.37 0.28 0.00	21.53 0.31 0.00

GILBOA___3 23758	18.06 0.27 0.00	17.29 0.21 0.00	18.37 0.25 0.00	17.87 0.23 0.00	17.28 0.17 0.00	20.00 0.15 0.00	27.11 0.15 0.00	30.30 0.25 0.00	32.37 0.49 0.00	33.08 0.48 0.00	31.14 0.49 0.00	28.37 0.50 0.00	23.02 0.46 0.00	20.49 0.44 0.00	20.59 0.45 0.00	19.27 0.42 0.00	19.54 0.39 0.00	20.67 0.36 0.00	22.18 0.36 0.00	35.68 0.64 0.00	31.27 0.40 0.00	28.87 0.34 0.00	22.37 0.28 0.00	21.53 0.31 0.00
GILBOA___4 23759	18.06 0.27 0.00	17.29 0.21 0.00	18.37 0.25 0.00	17.87 0.23 0.00	17.28 0.17 0.00	20.00 0.15 0.00	27.11 0.15 0.00	30.30 0.25 0.00	32.37 0.49 0.00	33.08 0.48 0.00	31.14 0.49 0.00	28.37 0.50 0.00	23.02 0.46 0.00	20.49 0.44 0.00	20.59 0.45 0.00	19.27 0.42 0.00	19.54 0.39 0.00	20.67 0.36 0.00	22.18 0.36 0.00	35.68 0.64 0.00	31.27 0.40 0.00	28.87 0.34 0.00	22.37 0.28 0.00	21.53 0.31 0.00
GILBOA___ 23599	18.06 0.27 0.00	17.29 0.21 0.00	18.37 0.25 0.00	17.87 0.23 0.00	17.28 0.17 0.00	20.00 0.16 0.00	27.11 0.15 0.00	30.30 0.25 0.00	32.37 0.49 0.00	33.08 0.48 0.00	31.14 0.49 0.00	28.37 0.50 0.00	23.03 0.47 0.00	20.49 0.44 0.00	20.59 0.45 0.00	19.27 0.42 0.00	19.54 0.40 0.00	20.67 0.36 0.00	22.18 0.36 0.00	35.68 0.64 0.00	31.27 0.41 0.00	28.87 0.34 0.00	22.37 0.28 0.00	21.53 0.31 0.00
GINNA___ 23603	16.81 -0.97 0.00	16.14 -0.93 0.00	17.14 -0.98 0.00	16.68 -0.96 0.00	16.25 -0.87 0.00	18.95 -0.89 0.00	25.88 -1.08 0.00	28.81 -1.25 0.00	30.38 -1.50 0.00	30.86 -1.74 0.00	28.73 -1.91 0.00	26.04 -1.83 0.00	21.04 -1.52 0.00	18.66 -1.40 0.00	18.75 -1.38 0.00	17.58 -1.27 0.00	18.00 -1.15 0.00	19.17 -1.14 0.00	20.74 -1.08 0.00	33.28 -1.77 0.00	29.10 -1.76 0.00	26.97 -1.56 0.00	20.94 -1.15 0.00	20.10 -1.12 0.00
GLEN PARK___ 23778	17.52 -0.27 0.00	16.83 -0.25 0.00	17.99 -0.12 0.00	17.65 0.02 0.00	17.25 0.13 0.00	20.10 0.26 0.00	27.52 0.56 0.00	30.83 0.77 0.00	32.43 0.55 0.00	32.78 0.18 0.00	30.43 -0.21 0.00	27.25 -0.62 0.00	21.87 -0.69 0.00	19.22 -0.83 0.00	19.17 -0.96 0.00	17.98 -0.88 0.00	18.24 -0.91 0.00	19.53 -0.78 0.00	21.34 -0.49 0.00	35.01 -0.04 0.00	30.88 0.02 0.00	28.32 -0.21 0.00	21.74 -0.35 0.00	21.10 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	18.40 0.61 0.00	17.62 0.54 0.00	18.56 0.44 0.00	18.09 0.45 0.00	17.56 0.45 0.00	20.22 0.38 0.00	27.53 0.57 0.00	30.96 0.90 0.00	33.31 1.42 0.00	34.21 1.61 0.00	32.23 1.59 0.00	29.45 1.58 0.00	23.96 1.40 0.00	21.37 1.31 0.00	21.50 1.36 0.00	20.18 1.33 0.00	20.36 1.21 0.00	21.47 1.16 0.00	23.00 1.17 0.00	37.00 1.95 0.00	32.34 1.48 0.00	29.75 1.22 0.00	23.07 0.99 0.00	22.11 0.89 0.00
GLENWOOD_IC_1_G1 23712	18.38 0.59 0.00	17.60 0.52 0.00	18.56 0.45 0.00	18.08 0.44 0.00	17.55 0.43 0.00	20.26 0.42 0.00	27.49 0.53 0.00	30.78 0.72 0.00	33.10 1.21 0.00	34.08 1.48 0.00	32.29 1.49 -0.17	29.75 1.53 -0.35	26.03 1.39 -2.09	23.96 1.24 -2.66	25.12 1.31 -3.67	20.02 1.16 0.00	20.14 1.00 0.00	21.37 1.06 0.00	22.92 1.10 0.00	37.89 2.01 -0.83	32.35 1.48 0.00	29.74 1.21 0.00	23.06 0.97 0.00	22.11 0.88 0.00
GLENWOOD_IC_2_G1 23688	18.32 0.53 0.00	17.55 0.47 0.00	18.51 0.40 0.00	18.03 0.40 0.00	17.50 0.39 0.00	20.19 0.35 0.00	27.41 0.45 0.00	30.71 0.65 0.00	32.99 1.10 0.00	33.94 1.34 0.00	32.03 1.34 -0.04	29.47 1.38 -0.23	25.18 1.24 -1.38	22.77 1.14 -1.58	22.31 1.19 -0.99	19.92 1.07 0.00	20.08 0.94 0.00	21.28 0.97 0.00	22.81 0.98 0.00	36.89 1.80 -0.05	32.18 1.32 0.00	29.59 1.07 0.00	22.95 0.86 0.00	22.02 0.80 0.00
GLENWOOD_IC_3_G1 23689	18.32 0.53 0.00	17.55 0.47 0.00	18.51 0.40 0.00	18.03 0.40 0.00	17.50 0.39 0.00	20.19 0.35 0.00	27.41 0.45 0.00	30.71 0.65 0.00	32.99 1.10 0.00	33.94 1.34 0.00	32.03 1.34 -0.04	29.47 1.38 -0.23	25.18 1.24 -1.38	22.77 1.14 -1.58	22.31 1.19 -0.99	19.92 1.07 0.00	20.08 0.94 0.00	21.28 0.97 0.00	22.81 0.98 0.00	36.89 1.80 -0.05	32.18 1.32 0.00	29.59 1.07 0.00	22.95 0.86 0.00	22.02 0.80 0.00
GLENWOOD___4 23550	18.38 0.59 0.00	17.60 0.52 0.00	18.56 0.45 0.00	18.08 0.44 0.00	17.55 0.43 0.00	20.26 0.42 0.00	27.49 0.53 0.00	30.78 0.72 0.00	33.10 1.21 0.00	34.08 1.48 0.00	32.29 1.49 -0.17	29.75 1.53 -0.35	26.03 1.39 -2.09	23.96 1.24 -2.66	25.12 1.31 -3.67	20.02 1.16 0.00	20.14 1.00 0.00	21.37 1.06 0.00	22.92 1.10 0.00	37.89 2.01 -0.83	32.35 1.48 0.00	29.74 1.21 0.00	23.06 0.97 0.00	22.11 0.88 0.00
GLENWOOD___5 23614	18.38 0.59 0.00	17.60 0.52 0.00	18.56 0.45 0.00	18.08 0.44 0.00	17.55 0.43 0.00	20.26 0.42 0.00	27.49 0.53 0.00	30.78 0.72 0.00	33.10 1.21 0.00	34.08 1.48 0.00	32.29 1.49 -0.17	29.75 1.53 -0.35	26.03 1.39 -2.09	23.96 1.24 -2.66	25.12 1.31 -3.67	20.02 1.16 0.00	20.14 1.00 0.00	21.37 1.06 0.00	22.92 1.10 0.00	37.89 2.01 -0.83	32.35 1.48 0.00	29.74 1.21 0.00	23.06 0.97 0.00	22.11 0.88 0.00
GLOBAL GREEN_PORT_GT1 23814	18.95 1.16 0.00	18.19 1.11 0.00	19.17 1.05 0.00	18.65 1.02 0.00	18.11 1.00 0.00	20.99 1.15 0.00	28.33 1.38 0.00	31.50 1.45 0.00	34.02 2.14 0.00	35.21 2.62 0.00	33.10 2.42 -0.03	30.33 2.40 -0.07	25.14 2.14 -0.44	22.22 1.78 -0.38	22.76 1.88 -0.74	20.54 1.69 0.00	20.32 1.17 0.00	22.01 1.71 0.00	23.70 1.87 0.00	39.42 3.74 -0.63	33.74 2.87 0.00	30.91 2.38 0.00	23.99 1.91 0.00	22.92 1.70 0.00
GLOBE___DSASP 323697	17.20 -0.60 0.00	16.54 -0.54 0.00	17.57 -0.54 0.00	17.07 -0.57 0.00	16.68 -0.43 0.00	19.51 -0.33 0.00	26.57 -0.39 0.00	29.40 -0.65 0.00	30.88 -1.01 0.00	31.16 -1.44 0.00	28.91 -1.74 0.00	26.43 -1.44 0.00	21.47 -1.09 0.00	19.00 -1.06 0.00	19.15 -0.98 0.00	18.03 -0.82 0.00	18.46 -0.69 0.00	19.61 -0.70 0.00	21.16 -0.66 0.00	33.75 -1.30 0.00	29.34 -1.53 0.00	27.45 -1.08 0.00	21.49 -0.60 0.00	20.70 -0.52 0.00
GOETHSLN___LBMP 323567	18.23 0.44 0.00	17.45 0.38 0.00	18.40 0.28 0.00	17.93 0.29 0.00	17.40 0.29 0.00	20.04 0.20 0.00	27.27 0.31 0.00	30.64 0.58 0.00	32.93 1.05 0.00	33.85 1.25 0.00	31.88 1.24 0.00	29.11 1.25 0.00	23.68 1.12 0.00	21.12 1.07 0.00	21.26 1.13 0.00	19.93 1.08 0.00	20.13 0.98 0.00	21.23 0.92 0.00	22.73 0.91 0.00	36.59 1.55 0.00	31.98 1.11 0.00	29.41 0.88 0.00	22.84 0.75 0.00	21.91 0.69 0.00
GOLAH___69_KV_TB 1_2 80279	17.77 -0.02 0.00	17.07 0.00 0.00	18.12 0.01 0.00	17.63 -0.01 0.00	17.20 0.09 0.00	20.10 0.25 0.00	27.53 0.57 0.00	30.65 0.60 0.00	32.32 0.43 0.00	32.70 0.10 0.00	30.30 -0.34 0.00	27.47 -0.40 0.00	22.21 -0.36 0.00	19.67 -0.38 0.00	19.79 -0.35 0.00	18.58 -0.28 0.00	19.00 -0.15 0.00	20.22 -0.08 0.00	21.92 0.09 0.00	35.18 0.13 0.00	30.70 -0.17 0.00	28.52 -0.01 0.00	22.21 0.12 0.00	21.31 0.08 0.00

GOODYEAR_LAKE_HYD 323669	18.43 0.64 0.00	17.65 0.57 0.00	18.74 0.63 0.00	18.23 0.60 0.00	17.71 0.60 0.00	20.58 0.74 0.00	28.03 1.06 0.00	31.27 1.22 0.00	33.42 1.53 0.00	34.27 1.67 0.00	32.08 1.44 0.00	29.24 1.37 0.00	23.70 1.14 0.00	21.06 1.00 0.00	21.18 1.05 0.00	19.84 0.99 0.00	20.09 0.94 0.00	21.27 0.96 0.00	22.93 1.11 0.00	36.91 1.86 0.00	32.28 1.42 0.00	29.82 1.29 0.00	23.08 0.99 0.00	22.15 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.83 0.04 0.00	17.10 0.02 0.00	18.13 0.02 0.00	17.65 0.01 0.00	17.13 0.02 0.00	19.92 0.08 0.00	27.16 0.20 0.00	30.38 0.32 0.00	32.69 0.81 0.00	33.59 0.99 0.00	31.31 0.67 0.00	28.58 0.72 0.00	23.15 0.59 0.00	20.54 0.48 0.00	20.72 0.58 0.00	19.45 0.60 0.00	19.64 0.50 0.00	20.77 0.46 0.00	22.38 0.55 0.00	36.07 1.03 0.00	31.30 0.44 0.00	29.02 0.49 0.00	22.50 0.41 0.00	21.64 0.42 0.00
GOUDEY___7 23579	17.85 0.06 0.00	17.11 0.04 0.00	18.15 0.03 0.00	17.66 0.03 0.00	17.14 0.03 0.00	19.94 0.10 0.00	27.18 0.22 0.00	30.40 0.35 0.00	32.72 0.84 0.00	33.62 1.03 0.00	31.35 0.70 0.00	28.60 0.74 0.00	23.17 0.61 0.00	20.55 0.50 0.00	20.74 0.60 0.00	19.47 0.62 0.00	19.66 0.51 0.00	20.79 0.48 0.00	22.40 0.58 0.00	36.11 1.06 0.00	31.33 0.47 0.00	29.05 0.52 0.00	22.52 0.43 0.00	21.66 0.44 0.00
GOUDEY___8 23580	17.83 0.04 0.00	17.10 0.02 0.00	18.13 0.02 0.00	17.65 0.01 0.00	17.13 0.02 0.00	19.92 0.08 0.00	27.16 0.20 0.00	30.38 0.32 0.00	32.69 0.81 0.00	33.59 0.99 0.00	31.31 0.67 0.00	28.58 0.72 0.00	23.15 0.59 0.00	20.54 0.48 0.00	20.72 0.58 0.00	19.45 0.60 0.00	19.64 0.50 0.00	20.77 0.46 0.00	22.38 0.55 0.00	36.07 1.03 0.00	31.30 0.44 0.00	29.02 0.49 0.00	22.50 0.41 0.00	21.64 0.42 0.00
GOWANUS_GT1_1 24077	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_2 24078	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_3 24079	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_4 24080	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_5 24084	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_6 24111	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_7 24112	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT1_8 24113	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT2_1 24114	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.46 1.33 0.00	20.15 1.30 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT2_2 24115	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.46 1.33 0.00	20.15 1.30 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT2_3 24116	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.46 1.33 0.00	20.15 1.30 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00

GOWANUS_GT2_4 24117	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.46 <u>1.33</u> 0.00	20.15 <u>1.30</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT2_5 24118	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.46 <u>1.33</u> 0.00	20.15 <u>1.30</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT2_6 24119	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.46 <u>1.33</u> 0.00	20.15 <u>1.30</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT2_7 24120	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.46 <u>1.33</u> 0.00	20.15 <u>1.30</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT2_8 24121	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.46 <u>1.33</u> 0.00	20.15 <u>1.30</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_1 24122	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_2 24123	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_3 24124	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_4 24125	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_5 24126	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_6 24127	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_7 24128	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT3_8 24129	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.40</u> 0.00	27.55 <u>0.59</u> 0.00	30.96 <u>0.90</u> 0.00	33.29 <u>1.41</u> 0.00	34.18 <u>1.58</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.16 <u>1.30</u> 0.00	20.33 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT4_1 24130	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.39</u> 0.00	27.55 <u>0.59</u> 0.00	30.97 <u>0.91</u> 0.00	33.30 <u>1.41</u> 0.00	34.18 <u>1.59</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.15 <u>1.29</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00
GOWANUS_GT4_2 24131	18.41 <u>0.62</u> 0.00	17.62 <u>0.55</u> 0.00	18.57 <u>0.45</u> 0.00	18.10 <u>0.46</u> 0.00	17.56 <u>0.45</u> 0.00	20.24 <u>0.39</u> 0.00	27.55 <u>0.59</u> 0.00	30.97 <u>0.91</u> 0.00	33.30 <u>1.41</u> 0.00	34.18 <u>1.59</u> 0.00	32.21 <u>1.57</u> 0.00	29.43 <u>1.56</u> 0.00	23.94 <u>1.38</u> 0.00	21.34 <u>1.29</u> 0.00	21.47 <u>1.33</u> 0.00	20.15 <u>1.29</u> 0.00	20.32 <u>1.18</u> 0.00	21.45 <u>1.14</u> 0.00	22.97 <u>1.15</u> 0.00	36.96 <u>1.91</u> 0.00	32.34 <u>1.48</u> 0.00	29.76 <u>1.23</u> 0.00	23.09 <u>1.01</u> 0.00	22.15 <u>0.92</u> 0.00

GOWANUS_GT4_3 24132	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.29 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT4_4 24133	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.29 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT4_5 24134	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.29 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT4_6 24135	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.29 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT4_7 24136	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.29 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GOWANUS_GT4_8 24137	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.29 0.00	20.32 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GREENBSH_115KV_TB3 55895	18.04 0.25 0.00	17.31 0.23 0.00	18.30 0.18 0.00	17.84 0.21 0.00	17.28 0.17 0.00	19.98 0.14 0.00	26.99 0.03 0.00	30.16 0.11 0.00	32.12 0.24 0.00	32.72 0.12 0.00	30.86 0.21 0.00	28.06 0.20 0.00	22.67 0.11 0.00	20.14 0.08 0.00	20.19 0.05 0.00	18.91 0.06 0.00	19.31 0.16 0.00	20.36 0.06 0.00	21.82 0.00 0.00	35.05 0.01 0.00	30.76 -0.10 0.00	28.43 -0.10 0.00	22.09 0.00 0.00	21.36 0.14 0.00
GREENIDGE_115KV_TB5 80291	17.89 0.10 0.00	17.15 0.08 0.00	18.19 0.07 0.00	17.71 0.07 0.00	17.20 0.09 0.00	20.03 0.19 0.00	27.50 0.54 0.00	30.70 0.64 0.00	32.70 0.81 0.00	33.35 0.75 0.00	31.24 0.60 0.00	28.38 0.52 0.00	22.77 0.21 0.00	20.13 0.08 0.00	20.24 0.10 0.00	18.98 0.12 0.00	19.23 0.08 0.00	20.42 0.11 0.00	22.18 0.36 0.00	35.61 0.57 0.00	31.04 0.17 0.00	28.84 0.31 0.00	22.37 0.28 0.00	21.41 0.19 0.00
GREENIDGE___3 23582	17.89 0.10 0.00	17.15 0.08 0.00	18.19 0.07 0.00	17.71 0.07 0.00	17.20 0.09 0.00	20.03 0.19 0.00	27.50 0.54 0.00	30.70 0.64 0.00	32.70 0.81 0.00	33.35 0.75 0.00	31.24 0.60 0.00	28.38 0.52 0.00	22.77 0.21 0.00	20.13 0.08 0.00	20.24 0.10 0.00	18.98 0.12 0.00	19.23 0.08 0.00	20.42 0.11 0.00	22.18 0.36 0.00	35.61 0.57 0.00	31.04 0.17 0.00	28.84 0.31 0.00	22.37 0.28 0.00	21.41 0.19 0.00
GREENIDGE___4 23583	17.89 0.10 0.00	17.15 0.07 0.00	18.19 0.08 0.00	17.71 0.07 0.00	17.20 0.09 0.00	20.04 0.19 0.00	27.49 0.53 0.00	30.70 0.65 0.00	32.69 0.81 0.00	33.34 0.75 0.00	31.23 0.59 0.00	28.38 0.52 0.00	22.77 0.21 0.00	20.13 0.08 0.00	20.24 0.10 0.00	18.97 0.12 0.00	19.24 0.09 0.00	20.42 0.11 0.00	22.18 0.36 0.00	35.62 0.57 0.00	31.04 0.17 0.00	28.84 0.31 0.00	22.37 0.28 0.00	21.41 0.18 0.00
GREENLWN_69_KV_BK 3 55738	18.28 0.50 0.00	17.52 0.45 0.00	18.47 0.36 0.00	17.99 0.35 0.00	17.45 0.34 0.00	20.14 0.30 0.00	27.22 0.25 0.00	30.33 0.27 0.00	32.70 0.82 0.00	33.79 1.20 0.00	31.92 1.24 -0.04	29.38 1.44 -0.08	24.45 1.38 -0.52	21.71 1.16 -0.49	22.26 1.25 -0.88	19.89 1.04 0.00	19.87 0.73 0.00	21.21 0.90 0.00	22.79 0.97 0.00	37.62 1.94 -0.64	32.24 1.37 0.00	29.63 1.10 0.00	23.01 0.92 0.00	22.06 0.83 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
GRISSOM___SOLAR 323813	19.46 1.67 0.00	18.62 1.55 0.00	19.78 1.67 0.00	19.27 1.64 0.00	18.76 1.65 0.00	21.94 2.09 0.00	29.99 3.03 0.00	33.47 3.41 0.00	35.51 3.63 0.00	36.18 3.59 0.00	33.89 3.25 0.00	30.72 2.85 0.00	24.33 1.77 0.00	21.37 1.32 0.00	21.53 1.39 0.00	20.01 1.16 0.00	20.47 1.32 0.00	22.07 1.76 0.00	24.01 2.19 0.00	39.05 4.01 0.00	34.35 3.49 0.00	31.74 3.21 0.00	24.41 2.32 0.00	23.35 2.13 0.00
GROVEVILLE___HYD 323602	18.47 0.68 0.00	17.70 0.62 0.00	18.70 0.59 0.00	18.22 0.58 0.00	17.68 0.57 0.00	20.45 0.60 0.00	27.81 0.85 0.00	31.22 1.17 0.00	33.45 1.57 0.00	34.30 1.71 0.00	32.31 1.67 0.00	29.46 1.60 0.00	23.92 1.35 0.00	21.33 1.28 0.00	21.38 1.24 0.00	20.05 1.19 0.00	20.30 1.15 0.00	21.45 1.15 0.00	23.01 1.18 0.00	37.15 2.10 0.00	32.50 1.63 0.00	29.89 1.36 0.00	23.14 1.05 0.00	22.22 0.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.10 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.44 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.33 0.00	20.00 -0.31 0.00	21.58 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.25 0.00

HAMLTNNY_34_KV_TB 80303	17.63 -0.16 0.00	16.90 -0.17 0.00	17.94 -0.17 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.73 -0.12 0.00	26.88 -0.08 0.00	30.00 -0.06 0.00	31.61 -0.27 0.00	32.29 -0.30 0.00	30.26 -0.38 0.00	27.46 -0.41 0.00	22.19 -0.38 0.00	19.66 -0.39 0.00	19.72 -0.41 0.00	18.51 -0.34 0.00	18.81 -0.34 0.00	20.03 -0.28 0.00	21.63 -0.19 0.00	34.77 -0.28 0.00	30.51 -0.36 0.00	28.17 -0.36 0.00	21.84 -0.25 0.00	21.01 -0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	17.51 -0.28 0.00	16.83 -0.25 0.00	17.96 -0.15 0.00	17.56 -0.08 0.00	17.10 -0.01 0.00	19.92 0.07 0.00	27.13 0.17 0.00	30.19 0.14 0.00	31.82 -0.06 0.00	32.47 -0.13 0.00	30.35 -0.29 0.00	27.37 -0.49 0.00	22.04 -0.52 0.00	19.46 -0.59 0.00	19.47 -0.67 0.00	18.22 -0.63 0.00	18.51 -0.64 0.00	19.79 -0.51 0.00	21.47 -0.36 0.00	34.73 -0.31 0.00	30.73 -0.14 0.00	28.38 -0.15 0.00	21.82 -0.26 0.00	20.99 -0.24 0.00
HARDSCRABBLE_WT_PWR 323673	17.65 -0.15 0.00	16.95 -0.13 0.00	17.95 -0.16 0.00	17.51 -0.13 0.00	16.93 -0.18 0.00	19.62 -0.22 0.00	26.64 -0.32 0.00	29.77 -0.29 0.00	31.61 -0.28 0.00	32.31 -0.29 0.00	30.54 -0.10 0.00	27.86 -0.01 0.00	22.45 -0.11 0.00	19.89 -0.17 0.00	19.97 -0.16 0.00	18.60 -0.25 0.00	18.86 -0.29 0.00	20.04 -0.27 0.00	21.52 -0.31 0.00	34.84 -0.21 0.00	30.51 -0.36 0.00	28.19 -0.33 0.00	21.79 -0.30 0.00	21.02 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.27 0.48 0.00	17.50 0.43 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.46 0.35 0.00	20.18 0.34 0.00	27.47 0.52 0.00	30.82 0.76 0.00	33.03 1.14 0.00	33.90 1.30 0.00	31.91 1.27 0.00	29.12 1.26 0.00	23.64 1.08 0.00	21.07 1.02 0.00	21.19 1.05 0.00	19.83 0.98 0.00	20.06 0.91 0.00	21.21 0.90 0.00	22.73 0.90 0.00	36.69 1.65 0.00	32.09 1.23 0.00	29.53 1.00 0.00	22.89 0.80 0.00	21.99 0.77 0.00
HARSNRAD_115KV_TB1 81005	17.61 -0.18 0.00	16.93 -0.14 0.00	17.99 -0.12 0.00	17.48 -0.16 0.00	17.07 -0.03 0.00	19.98 0.14 0.00	27.25 0.29 0.00	30.21 0.16 0.00	31.77 -0.12 0.00	32.07 -0.53 0.00	29.69 -0.95 0.00	27.15 -0.71 0.00	22.04 -0.52 0.00	19.51 -0.55 0.00	19.66 -0.48 0.00	18.51 -0.34 0.00	18.94 -0.21 0.00	20.13 -0.17 0.00	21.78 -0.05 0.00	34.75 -0.29 0.00	30.16 -0.71 0.00	28.17 -0.35 0.00	22.07 -0.02 0.00	21.16 -0.06 0.00
HARZA MOOSE___RIVER 24016	17.88 0.09 0.00	17.17 0.10 0.00	18.30 0.18 0.00	17.89 0.26 0.00	17.42 0.31 0.00	20.27 0.43 0.00	27.64 0.69 0.00	30.90 0.84 0.00	32.68 0.80 0.00	33.37 0.78 0.00	31.23 0.58 0.00	28.22 0.35 0.00	22.70 0.14 0.00	20.05 -0.01 0.00	20.03 -0.11 0.00	18.75 -0.10 0.00	19.04 -0.11 0.00	20.27 -0.04 0.00	21.97 0.14 0.00	35.55 0.51 0.00	31.33 0.46 0.00	28.88 0.36 0.00	22.23 0.14 0.00	21.47 0.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.52 -0.27 0.00	16.80 -0.27 0.00	17.82 -0.29 0.00	17.36 -0.28 0.00	16.86 -0.25 0.00	19.58 -0.26 0.00	26.67 -0.29 0.00	29.77 -0.29 0.00	31.38 -0.51 0.00	32.03 -0.57 0.00	30.02 -0.62 0.00	27.26 -0.61 0.00	22.03 -0.53 0.00	19.57 -0.49 0.00	19.64 -0.49 0.00	18.41 -0.44 0.00	18.73 -0.42 0.00	19.86 -0.44 0.00	21.43 -0.40 0.00	34.45 -0.59 0.00	30.24 -0.62 0.00	27.95 -0.58 0.00	21.66 -0.43 0.00	20.84 -0.38 0.00
HELLGATE_13_KV_LD 55870	18.33 0.54 0.00	17.55 0.48 0.00	18.49 0.38 0.00	18.03 0.40 0.00	17.50 0.39 0.00	20.15 0.31 0.00	27.42 0.45 0.00	30.82 0.77 0.00	33.15 1.26 0.00	34.05 1.45 0.00	32.08 1.44 0.00	29.31 1.44 0.00	23.85 1.29 0.00	21.27 1.21 0.00	21.40 1.26 0.00	20.09 1.24 0.00	20.25 1.10 0.00	21.36 1.06 0.00	22.87 1.05 0.00	36.80 1.75 0.00	32.19 1.32 0.00	29.61 1.08 0.00	22.97 0.88 0.00	22.02 0.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.33 0.54 0.00	17.55 0.48 0.00	18.49 0.38 0.00	18.03 0.40 0.00	17.50 0.39 0.00	20.15 0.31 0.00	27.42 0.45 0.00	30.82 0.77 0.00	33.15 1.26 0.00	34.05 1.45 0.00	32.08 1.44 0.00	29.31 1.44 0.00	23.85 1.29 0.00	21.27 1.21 0.00	21.40 1.26 0.00	20.09 1.24 0.00	20.25 1.10 0.00	21.36 1.06 0.00	22.87 1.05 0.00	36.80 1.75 0.00	32.19 1.32 0.00	29.61 1.08 0.00	22.97 0.88 0.00	22.02 0.79 0.00
HEMPSTEAD____ 23647	18.30 0.51 0.00	17.53 0.45 0.00	18.48 0.37 0.00	17.99 0.36 0.00	17.47 0.36 0.00	20.17 0.33 0.00	27.32 0.36 0.00	30.54 0.49 0.00	32.91 1.02 0.00	33.94 1.34 0.00	32.16 1.34 -0.18	29.70 1.45 -0.38	26.18 1.35 -2.27	24.13 1.18 -2.90	25.24 1.25 -3.85	19.94 1.09 0.00	20.00 0.85 0.00	21.29 0.98 0.00	22.84 1.02 0.00	37.79 1.97 -0.78	32.27 1.41 0.00	29.65 1.12 0.00	23.00 0.91 0.00	22.03 0.81 0.00
HEWLETT_69_KV_BK3 55828	18.64 0.85 0.00	17.68 0.60 0.00	18.63 0.52 0.00	18.13 0.50 0.00	17.61 0.50 0.00	20.34 0.50 0.00	27.42 0.46 0.00	30.55 0.50 0.00	32.94 1.05 0.00	34.04 1.44 0.00	32.62 1.48 -0.50	30.62 1.61 -1.15	30.81 1.49 -6.76	30.38 1.29 -9.03	32.43 1.37 -10.92	20.04 1.17 -0.01	20.06 0.91 0.00	21.37 1.06 0.00	22.94 1.12 0.00	38.05 2.14 -0.87	32.41 1.54 0.00	29.79 1.26 0.00	23.13 1.05 0.00	22.19 0.97 0.00
HICKLING___1 23621	17.94 0.15 0.00	17.19 0.11 0.00	18.23 0.11 0.00	17.74 0.11 0.00	17.21 0.10 0.00	20.04 0.20 0.00	27.51 0.54 0.00	30.79 0.74 0.00	33.06 1.17 0.00	34.07 1.47 0.00	31.63 0.99 0.00	28.85 0.98 0.00	23.28 0.72 0.00	20.61 0.56 0.00	20.77 0.64 0.00	19.49 0.63 0.00	19.67 0.53 0.00	20.79 0.48 0.00	22.48 0.66 0.00	36.29 1.25 0.00	31.36 0.49 0.00	29.12 0.59 0.00	22.55 0.46 0.00	21.62 0.39 0.00
HICKLING___2 23622	17.94 0.15 0.00	17.19 0.11 0.00	18.23 0.11 0.00	17.74 0.11 0.00	17.21 0.10 0.00	20.04 0.20 0.00	27.51 0.54 0.00	30.79 0.74 0.00	33.06 1.17 0.00	34.07 1.47 0.00	31.63 0.99 0.00	28.85 0.98 0.00	23.28 0.72 0.00	20.61 0.56 0.00	20.77 0.64 0.00	19.49 0.63 0.00	19.67 0.53 0.00	20.79 0.48 0.00	22.48 0.66 0.00	36.29 1.25 0.00	31.36 0.49 0.00	29.12 0.59 0.00	22.55 0.46 0.00	21.62 0.39 0.00
HIGH FALLS___HY 23754	18.37 0.58 0.00	17.60 0.52 0.00	18.58 0.47 0.00	18.10 0.46 0.00	17.57 0.46 0.00	20.32 0.48 0.00	27.71 0.75 0.00	31.16 1.11 0.00	33.47 1.59 0.00	34.40 1.81 0.00	32.39 1.75 0.00	29.51 1.65 0.00	23.97 1.41 0.00	21.44 1.38 0.00	21.38 1.24 0.00	20.08 1.23 0.00	20.27 1.13 0.00	21.49 1.19 0.00	23.07 1.25 0.00	37.28 2.24 0.00	32.61 1.74 0.00	29.97 1.44 0.00	23.18 1.09 0.00	22.21 0.99 0.00
HILLBURN___GT 23639	18.24 0.45 0.00	17.48 0.41 0.00	18.45 0.34 0.00	17.96 0.33 0.00	17.43 0.32 0.00	20.13 0.29 0.00	27.42 0.46 0.00	30.77 0.71 0.00	32.98 1.09 0.00	33.87 1.27 0.00	31.88 1.23 0.00	29.10 1.23 0.00	23.63 1.07 0.00	21.06 1.01 0.00	21.19 1.05 0.00	19.83 0.98 0.00	20.06 0.91 0.00	21.19 0.88 0.00	22.69 0.86 0.00	36.66 1.61 0.00	32.05 1.18 0.00	29.48 0.95 0.00	22.87 0.78 0.00	21.98 0.75 0.00

HILLSIDE_115KV_TB1 80332	17.65 -0.14 0.00	16.91 -0.16 0.00	17.94 -0.18 0.00	17.46 -0.18 0.00	16.94 -0.17 0.00	19.74 -0.10 0.00	27.02 0.06 0.00	30.27 0.22 0.00	32.52 0.64 0.00	33.52 0.92 0.00	31.11 0.46 0.00	28.39 0.53 0.00	22.95 0.39 0.00	20.34 0.28 0.00	20.51 0.37 0.00	19.27 0.42 0.00	19.42 0.27 0.00	20.52 0.21 0.00	22.16 0.34 0.00	35.76 0.71 0.00	30.89 0.02 0.00	28.71 0.18 0.00	22.25 0.16 0.00	21.39 0.17 0.00
HISHELDN_WT_PWR 323625	17.74 -0.05 0.00	17.06 -0.02 0.00	18.11 0.00 0.00	17.60 -0.03 0.00	17.17 0.06 0.00	20.10 0.26 0.00	27.42 0.46 0.00	30.46 0.40 0.00	32.09 0.21 0.00	32.45 -0.15 0.00	30.06 -0.59 0.00	27.46 -0.40 0.00	22.29 -0.27 0.00	19.72 -0.33 0.00	19.87 -0.26 0.00	18.69 -0.16 0.00	19.15 0.00 0.00	20.28 -0.02 0.00	21.87 0.05 0.00	35.01 -0.03 0.00	30.30 -0.56 0.00	28.23 -0.30 0.00	21.97 -0.12 0.00	20.96 -0.27 0.00
HOLTSVILLE_IC_1 23690	18.48 0.69 0.00	17.72 0.64 0.00	18.68 0.56 0.00	18.18 0.54 0.00	17.66 0.55 0.00	20.43 0.58 0.00	27.56 0.60 0.00	30.67 0.61 0.00	33.10 1.22 0.00	34.28 1.68 0.00	32.25 1.57 -0.03	29.62 1.69 -0.07	24.57 1.58 -0.43	21.76 1.34 -0.37	22.32 1.46 -0.73	20.10 1.25 0.00	20.00 0.86 0.00	21.46 1.15 0.00	23.06 1.23 0.00	38.16 2.49 -0.63	32.68 1.82 0.00	29.99 1.46 0.00	23.29 1.20 0.00	22.29 1.07 0.00
HOLTSVILLE_IC_10 23699	18.56 0.77 0.00	17.80 0.72 0.00	18.75 0.64 0.00	18.25 0.62 0.00	17.74 0.63 0.00	20.52 0.68 0.00	27.68 0.72 0.00	30.80 0.75 0.00	33.27 1.38 0.00	34.45 1.86 0.00	32.42 1.74 -0.03	29.77 1.83 -0.08	24.72 1.70 -0.46	21.90 1.43 -0.42	22.48 1.56 -0.78	20.20 1.35 0.00	20.08 0.94 0.00	21.57 1.27 0.00	23.19 1.36 0.00	38.40 2.73 -0.63	32.88 2.02 0.00	30.16 1.63 0.00	23.42 1.33 0.00	22.40 1.18 0.00
HOLTSVILLE_IC_2 23691	18.48 0.69 0.00	17.72 0.64 0.00	18.68 0.56 0.00	18.18 0.54 0.00	17.66 0.55 0.00	20.43 0.58 0.00	27.56 0.60 0.00	30.67 0.61 0.00	33.10 1.22 0.00	34.28 1.68 0.00	32.25 1.57 -0.03	29.62 1.69 -0.07	24.57 1.58 -0.43	21.76 1.34 -0.37	22.32 1.46 -0.73	20.10 1.25 0.00	20.00 0.86 0.00	21.46 1.15 0.00	23.06 1.23 0.00	38.16 2.49 -0.63	32.68 1.82 0.00	29.99 1.46 0.00	23.29 1.20 0.00	22.29 1.07 0.00
HOLTSVILLE_IC_3 23692	18.48 0.69 0.00	17.72 0.64 0.00	18.68 0.56 0.00	18.18 0.54 0.00	17.66 0.55 0.00	20.43 0.58 0.00	27.56 0.60 0.00	30.67 0.61 0.00	33.10 1.22 0.00	34.28 1.68 0.00	32.25 1.57 -0.03	29.62 1.69 -0.07	24.57 1.58 -0.43	21.76 1.34 -0.37	22.32 1.46 -0.73	20.10 1.25 0.00	20.00 0.86 0.00	21.46 1.15 0.00	23.06 1.23 0.00	38.16 2.49 -0.63	32.68 1.82 0.00	29.99 1.46 0.00	23.29 1.20 0.00	22.29 1.07 0.00
HOLTSVILLE_IC_4 23693	18.48 0.69 0.00	17.72 0.64 0.00	18.68 0.56 0.00	18.18 0.54 0.00	17.66 0.55 0.00	20.43 0.58 0.00	27.56 0.60 0.00	30.67 0.61 0.00	33.10 1.22 0.00	34.28 1.68 0.00	32.25 1.57 -0.03	29.62 1.69 -0.07	24.57 1.58 -0.43	21.76 1.34 -0.37	22.32 1.46 -0.73	20.10 1.25 0.00	20.00 0.86 0.00	21.46 1.15 0.00	23.06 1.23 0.00	38.16 2.49 -0.63	32.68 1.82 0.00	29.99 1.46 0.00	23.29 1.20 0.00	22.29 1.07 0.00
HOLTSVILLE_IC_5 23694	18.48 0.69 0.00	17.72 0.64 0.00	18.68 0.56 0.00	18.18 0.54 0.00	17.66 0.55 0.00	20.43 0.58 0.00	27.56 0.60 0.00	30.67 0.61 0.00	33.10 1.22 0.00	34.28 1.68 0.00	32.25 1.57 -0.03	29.62 1.69 -0.07	24.57 1.58 -0.43	21.76 1.34 -0.37	22.32 1.46 -0.73	20.10 1.25 0.00	20.00 0.86 0.00	21.46 1.15 0.00	23.06 1.23 0.00	38.16 2.49 -0.63	32.68 1.82 0.00	29.99 1.46 0.00	23.29 1.20 0.00	22.29 1.07 0.00
HOLTSVILLE_IC_6 23695	18.56 0.77 0.00	17.80 0.72 0.00	18.75 0.64 0.00	18.25 0.62 0.00	17.74 0.63 0.00	20.52 0.68 0.00	27.68 0.72 0.00	30.80 0.75 0.00	33.27 1.38 0.00	34.45 1.86 0.00	32.42 1.74 -0.03	29.77 1.83 -0.08	24.72 1.70 -0.46	21.90 1.43 -0.42	22.48 1.56 -0.78	20.20 1.35 0.00	20.08 0.94 0.00	21.57 1.27 0.00	23.19 1.36 0.00	38.40 2.73 -0.63	32.88 2.02 0.00	30.16 1.63 0.00	23.42 1.33 0.00	22.40 1.18 0.00
HOLTSVILLE_IC_7 23696	18.56 0.77 0.00	17.80 0.72 0.00	18.75 0.64 0.00	18.25 0.62 0.00	17.74 0.63 0.00	20.52 0.68 0.00	27.68 0.72 0.00	30.80 0.75 0.00	33.27 1.38 0.00	34.45 1.86 0.00	32.42 1.74 -0.03	29.77 1.83 -0.08	24.72 1.70 -0.46	21.90 1.43 -0.42	22.48 1.56 -0.78	20.20 1.35 0.00	20.08 0.94 0.00	21.57 1.27 0.00	23.19 1.36 0.00	38.40 2.73 -0.63	32.88 2.02 0.00	30.16 1.63 0.00	23.42 1.33 0.00	22.40 1.18 0.00
HOLTSVILLE_IC_8 23697	18.56 0.77 0.00	17.80 0.72 0.00	18.75 0.64 0.00	18.25 0.62 0.00	17.74 0.63 0.00	20.52 0.68 0.00	27.68 0.72 0.00	30.80 0.75 0.00	33.27 1.38 0.00	34.45 1.86 0.00	32.42 1.74 -0.03	29.77 1.83 -0.08	24.72 1.70 -0.46	21.90 1.43 -0.42	22.48 1.56 -0.78	20.20 1.35 0.00	20.08 0.94 0.00	21.57 1.27 0.00	23.19 1.36 0.00	38.40 2.73 -0.63	32.88 2.02 0.00	30.16 1.63 0.00	23.42 1.33 0.00	22.40 1.18 0.00
HOLTSVILLE_IC_9 23698	18.56 0.77 0.00	17.80 0.72 0.00	18.75 0.64 0.00	18.25 0.62 0.00	17.74 0.63 0.00	20.52 0.68 0.00	27.68 0.72 0.00	30.80 0.75 0.00	33.27 1.38 0.00	34.45 1.86 0.00	32.42 1.74 -0.03	29.77 1.83 -0.08	24.72 1.70 -0.46	21.90 1.43 -0.42	22.48 1.56 -0.78	20.20 1.35 0.00	20.08 0.94 0.00	21.57 1.27 0.00	23.19 1.36 0.00	38.40 2.73 -0.63	32.88 2.02 0.00	30.16 1.63 0.00	23.42 1.33 0.00	22.40 1.18 0.00
HOMER_HL_115KV_TB2 355744	18.18 0.39 0.00	17.46 0.38 0.00	18.53 0.41 0.00	18.02 0.38 0.00	17.54 0.43 0.00	20.53 0.69 0.00	28.10 1.14 0.00	31.18 1.13 0.00	33.13 1.24 0.00	33.78 1.19 0.00	31.39 0.74 0.00	28.65 0.78 0.00	23.10 0.54 0.00	20.54 0.48 0.00	20.71 0.58 0.00	19.43 0.58 0.00	19.79 0.64 0.00	20.90 0.59 0.00	22.52 0.69 0.00	36.16 1.12 0.00	31.19 0.32 0.00	29.00 0.47 0.00	22.66 0.57 0.00	21.92 0.69 0.00
HOWARD_WT_PWR 323690	18.20 0.41 0.00	17.44 0.36 0.00	18.48 0.37 0.00	17.95 0.31 0.00	17.37 0.27 0.00	20.08 0.24 0.00	27.76 0.80 0.00	30.68 0.63 0.00	33.13 1.24 0.00	34.40 1.80 0.00	32.00 1.36 0.00	29.24 1.37 0.00	23.49 0.93 0.00	20.74 0.69 0.00	20.82 0.68 0.00	19.52 0.67 0.00	19.76 0.61 0.00	20.81 0.50 0.00	22.53 0.71 0.00	36.44 1.40 0.00	31.47 0.60 0.00	29.05 0.52 0.00	22.50 0.42 0.00	21.37 0.14 0.00
HQ_GEN_CEDARS 23644	17.88 0.09 0.00	17.17 0.10 0.00	18.28 0.16 0.00	17.79 0.15 0.00	17.29 0.18 0.00	20.11 0.27 0.00	27.37 0.41 0.00	30.30 0.25 0.00	31.96 0.08 0.00	32.70 0.10 0.00	30.71 0.07 0.00	27.86 0.00 0.00	22.55 -0.02 0.00	20.00 -0.06 0.00	20.08 -0.06 0.00	18.80 -0.06 0.00	19.10 -0.04 0.00	20.39 0.08 0.00	21.98 0.15 0.00	35.25 0.20 0.00	31.23 0.37 0.00	28.91 0.38 0.00	22.31 0.22 0.00	21.27 0.05 0.00

HQ_GEN_CEDARS_PROXY 323590	17.88 0.09 0.00	17.17 0.10 0.00	18.28 0.16 0.00	17.79 0.15 0.00	17.29 0.18 0.00	20.11 0.27 0.00	27.37 0.41 0.00	30.30 0.25 0.00	31.96 0.08 0.00	32.70 0.10 0.00	30.71 0.07 0.00	27.86 0.00 0.00	22.55 -0.02 0.00	20.00 -0.06 0.00	20.08 -0.06 0.00	18.80 -0.06 0.00	19.10 -0.04 0.00	20.39 0.08 0.00	21.98 0.15 0.00	35.25 0.21 0.00	31.23 0.37 0.00	28.91 0.38 0.00	22.31 0.23 0.00	21.27 0.05 0.00
HQ_GEN_IMPORT 323601	17.86 0.07 0.00	17.16 0.08 0.00	18.23 0.12 0.00	17.74 0.10 0.00	17.22 0.11 0.00	20.00 0.16 0.00	27.20 0.24 0.00	30.21 0.15 0.00	31.96 0.07 0.00	32.70 0.10 0.00	30.74 0.10 0.00	27.93 0.06 0.00	22.61 0.04 0.00	20.08 0.03 0.00	20.16 0.02 0.00	18.88 0.03 0.00	19.18 0.03 0.00	20.39 0.09 0.00	21.92 0.10 0.00	35.09 0.04 0.00	31.08 0.21 0.00	28.76 0.23 0.00	22.24 0.15 0.00	21.29 0.06 0.00
HQ_GEN_WHEEL 23651	17.86 0.07 0.00	17.16 0.08 0.00	18.23 0.12 0.00	17.74 0.10 0.00	17.22 0.11 0.00	20.00 0.16 0.00	27.20 0.24 0.00	30.21 0.15 0.00	31.96 0.07 0.00	32.70 0.10 0.00	30.74 0.10 0.00	27.93 0.06 0.00	22.61 0.04 0.00	20.08 0.03 0.00	20.16 0.02 0.00	18.88 0.03 0.00	19.18 0.03 0.00	20.39 0.09 0.00	21.92 0.10 0.00	35.09 0.04 0.00	31.08 0.21 0.00	28.76 0.23 0.00	22.24 0.15 0.00	21.29 0.06 0.00
HUDSON_AVE_GT_3 23810	18.34 0.55 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.03 0.40 0.00	17.51 0.40 0.00	20.16 0.32 0.00	27.43 0.47 0.00	30.82 0.77 0.00	33.15 1.27 0.00	34.07 1.47 0.00	32.10 1.46 0.00	29.31 1.45 0.00	23.84 1.28 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.07 1.21 0.00	20.26 1.11 0.00	21.38 1.07 0.00	22.90 1.08 0.00	36.85 1.80 0.00	32.19 1.33 0.00	29.61 1.08 0.00	22.98 0.89 0.00	22.04 0.81 0.00
HUDSON_AVE_GT_4 23540	18.34 0.55 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.03 0.40 0.00	17.51 0.40 0.00	20.16 0.32 0.00	27.43 0.47 0.00	30.82 0.77 0.00	33.15 1.27 0.00	34.07 1.47 0.00	32.10 1.46 0.00	29.31 1.45 0.00	23.84 1.28 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.07 1.21 0.00	20.26 1.11 0.00	21.38 1.07 0.00	22.90 1.08 0.00	36.85 1.80 0.00	32.19 1.33 0.00	29.61 1.08 0.00	22.98 0.89 0.00	22.04 0.81 0.00
HUDSON_AVE_GT_5 23657	18.34 0.55 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.03 0.40 0.00	17.51 0.40 0.00	20.16 0.32 0.00	27.43 0.47 0.00	30.82 0.77 0.00	33.15 1.27 0.00	34.07 1.47 0.00	32.10 1.46 0.00	29.31 1.45 0.00	23.84 1.28 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.07 1.21 0.00	20.26 1.11 0.00	21.38 1.07 0.00	22.90 1.08 0.00	36.85 1.80 0.00	32.19 1.33 0.00	29.61 1.08 0.00	22.98 0.89 0.00	22.04 0.81 0.00
HUDSON_AVE_10 24168	18.27 0.48 0.00	17.49 0.42 0.00	18.43 0.32 0.00	17.97 0.33 0.00	17.45 0.34 0.00	20.09 0.25 0.00	27.33 0.37 0.00	30.72 0.67 0.00	33.04 1.16 0.00	33.97 1.37 0.00	31.98 1.34 0.00	29.20 1.34 0.00	23.76 1.20 0.00	21.20 1.14 0.00	21.33 1.19 0.00	20.01 1.16 0.00	20.21 1.06 0.00	21.31 1.00 0.00	22.82 0.99 0.00	36.72 1.68 0.00	32.09 1.22 0.00	29.51 0.98 0.00	22.91 0.83 0.00	21.97 0.74 0.00
HUDSON___115KV_TB 4 355613	18.35 0.56 0.00	17.60 0.53 0.00	18.63 0.52 0.00	18.17 0.54 0.00	17.61 0.50 0.00	20.40 0.56 0.00	27.59 0.63 0.00	30.79 0.74 0.00	32.75 0.87 0.00	33.41 0.81 0.00	31.43 0.78 0.00	28.62 0.76 0.00	23.10 0.54 0.00	20.45 0.39 0.00	20.36 0.23 0.00	19.22 0.37 0.00	19.63 0.48 0.00	20.73 0.42 0.00	22.26 0.43 0.00	35.91 0.87 0.00	31.51 0.65 0.00	29.11 0.58 0.00	22.57 0.48 0.00	21.79 0.57 0.00
HUNTER MOUNT___DRP 323613	18.47 0.67 0.00	17.73 0.66 0.00	18.77 0.66 0.00	18.31 0.68 0.00	17.75 0.64 0.00	20.58 0.74 0.00	27.80 0.84 0.00	30.95 0.90 0.00	32.87 0.98 0.00	33.50 0.90 0.00	31.51 0.87 0.00	28.78 0.92 0.00	23.18 0.62 0.00	20.49 0.43 0.00	20.34 0.20 0.00	19.27 0.42 0.00	19.69 0.55 0.00	20.80 0.49 0.00	22.37 0.54 0.00	36.10 1.06 0.00	31.70 0.83 0.00	29.28 0.75 0.00	22.68 0.59 0.00	21.90 0.67 0.00
HUNTINGTON_RES_REC 323705	18.37 0.58 0.00	17.60 0.53 0.00	18.56 0.44 0.00	18.07 0.43 0.00	17.56 0.45 0.00	20.30 0.45 0.00	27.41 0.45 0.00	30.53 0.48 0.00	32.94 1.05 0.00	34.08 1.49 0.00	32.15 1.47 -0.03	29.56 1.63 -0.08	24.55 1.53 -0.46	21.75 1.28 -0.42	22.31 1.39 -0.79	20.03 1.18 0.00	19.98 0.83 0.00	21.38 1.08 0.00	22.99 1.16 0.00	38.00 2.32 -0.63	32.56 1.69 0.00	29.88 1.35 0.00	23.20 1.11 0.00	22.22 1.00 0.00
HUNTLEY___63 23557	17.69 -0.10 0.00	17.01 -0.06 0.00	18.06 -0.05 0.00	17.55 -0.08 0.00	17.15 0.04 0.00	20.08 0.23 0.00	27.38 0.42 0.00	30.36 0.31 0.00	31.96 0.07 0.00	32.30 -0.30 0.00	29.91 -0.73 0.00	27.33 -0.53 0.00	22.19 -0.37 0.00	19.64 -0.42 0.00	19.79 -0.35 0.00	18.62 -0.23 0.00	19.05 -0.10 0.00	20.25 -0.06 0.00	21.87 0.05 0.00	34.97 -0.07 0.00	30.34 -0.53 0.00	28.35 -0.18 0.00	22.17 0.08 0.00	21.27 0.05 0.00
HUNTLEY___64 23558	17.69 -0.10 0.00	17.01 -0.06 0.00	18.06 -0.05 0.00	17.55 -0.08 0.00	17.15 0.04 0.00	20.08 0.23 0.00	27.38 0.42 0.00	30.36 0.31 0.00	31.96 0.07 0.00	32.30 -0.30 0.00	29.91 -0.73 0.00	27.33 -0.53 0.00	22.19 -0.37 0.00	19.64 -0.42 0.00	19.79 -0.35 0.00	18.62 -0.23 0.00	19.05 -0.10 0.00	20.25 -0.06 0.00	21.87 0.05 0.00	34.97 -0.07 0.00	30.34 -0.53 0.00	28.35 -0.18 0.00	22.17 0.08 0.00	21.27 0.05 0.00
HUNTLEY___65 23559	17.69 -0.10 0.00	17.01 -0.06 0.00	18.06 -0.05 0.00	17.55 -0.08 0.00	17.15 0.04 0.00	20.08 0.23 0.00	27.38 0.42 0.00	30.36 0.31 0.00	31.96 0.07 0.00	32.30 -0.30 0.00	29.91 -0.73 0.00	27.33 -0.53 0.00	22.19 -0.37 0.00	19.64 -0.42 0.00	19.79 -0.35 0.00	18.62 -0.23 0.00	19.05 -0.10 0.00	20.25 -0.06 0.00	21.87 0.05 0.00	34.97 -0.07 0.00	30.34 -0.53 0.00	28.35 -0.18 0.00	22.17 0.08 0.00	21.27 0.05 0.00
HUNTLEY___66 23560	17.69 -0.10 0.00	17.01 -0.06 0.00	18.06 -0.05 0.00	17.55 -0.08 0.00	17.15 0.04 0.00	20.08 0.23 0.00	27.38 0.42 0.00	30.36 0.31 0.00	31.96 0.07 0.00	32.30 -0.30 0.00	29.91 -0.73 0.00	27.33 -0.53 0.00	22.19 -0.37 0.00	19.64 -0.42 0.00	19.79 -0.35 0.00	18.62 -0.23 0.00	19.05 -0.10 0.00	20.25 -0.06 0.00	21.87 0.05 0.00	34.97 -0.07 0.00	30.34 -0.53 0.00	28.35 -0.18 0.00	22.17 0.08 0.00	21.27 0.05 0.00
HUNTLEY___67 23561	17.63 -0.15 0.00	16.96 -0.12 0.00	18.01 -0.10 0.00	17.50 -0.13 0.00	17.08 -0.03 0.00	19.98 0.14 0.00	27.25 0.29 0.00	30.24 0.18 0.00	31.82 -0.07 0.00	32.17 -0.43 0.00	29.81 -0.83 0.00	27.25 -0.62 0.00	22.10 -0.46 0.00	19.56 -0.49 0.00	19.72 -0.42 0.00	18.57 -0.28 0.00	18.98 -0.16 0.00	20.16 -0.15 0.00	21.76 -0.06 0.00	34.79 -0.25 0.00	30.18 -0.69 0.00	28.18 -0.34 0.00	22.03 -0.06 0.00	21.13 -0.10 0.00

HUNTLEY___68 23562	17.63 -0.15 0.00	16.96 -0.12 0.00	18.01 -0.10 0.00	17.50 -0.13 0.00	17.08 -0.03 0.00	19.98 0.14 0.00	27.25 0.29 0.00	30.24 0.18 0.00	31.82 -0.07 0.00	32.17 -0.43 0.00	29.81 -0.83 0.00	27.25 -0.62 0.00	22.10 -0.46 0.00	19.56 -0.49 0.00	19.72 -0.42 0.00	18.57 -0.28 0.00	18.98 -0.16 0.00	20.16 -0.15 0.00	21.76 -0.06 0.00	34.79 -0.25 0.00	30.18 -0.69 0.00	28.18 -0.34 0.00	22.03 -0.06 0.00	21.13 -0.10 0.00
HYLAND___LFGE 323620	18.67 0.88 0.00	17.89 0.81 0.00	18.97 0.85 0.00	18.45 0.81 0.00	17.95 0.84 0.00	20.92 1.08 0.00	28.81 1.85 0.00	32.15 2.10 0.00	34.22 2.34 0.00	34.96 2.36 0.00	32.28 1.63 0.00	28.72 0.86 0.00	23.01 0.45 0.00	20.38 0.32 0.00	20.46 0.33 0.00	19.19 0.34 0.00	19.56 0.41 0.00	20.69 0.38 0.00	22.70 0.87 0.00	37.17 2.13 0.00	32.57 1.70 0.00	30.13 1.60 0.00	23.32 1.23 0.00	22.23 1.01 0.00
INDECK___CORINTH 23802	18.16 0.37 0.00	17.39 0.31 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.51 0.40 0.00	20.28 0.44 0.00	27.54 0.58 0.00	30.81 0.76 0.00	32.73 0.85 0.00	33.39 0.79 0.00	31.54 0.89 0.00	28.64 0.78 0.00	23.06 0.49 0.00	20.46 0.40 0.00	20.48 0.35 0.00	19.13 0.28 0.00	19.46 0.31 0.00	20.83 0.52 0.00	22.39 0.57 0.00	36.23 1.19 0.00	31.86 0.99 0.00	29.38 0.85 0.00	22.60 0.51 0.00	21.78 0.55 0.00
INDECK___ILION 23567	17.76 -0.03 0.00	17.05 -0.02 0.00	18.07 -0.05 0.00	17.61 -0.03 0.00	17.05 -0.06 0.00	19.77 -0.08 0.00	26.84 -0.12 0.00	30.00 -0.06 0.00	31.88 -0.01 0.00	32.57 -0.03 0.00	30.71 0.07 0.00	27.96 0.10 0.00	22.58 0.01 0.00	20.03 -0.03 0.00	20.11 -0.02 0.00	18.79 -0.06 0.00	19.08 -0.07 0.00	20.24 -0.06 0.00	21.74 -0.08 0.00	35.10 0.06 0.00	30.81 -0.05 0.00	28.45 -0.08 0.00	22.01 -0.08 0.00	21.20 -0.03 0.00
INDECK___OLEAN 23982	18.17 0.39 0.00	17.46 0.38 0.00	18.53 0.41 0.00	18.02 0.38 0.00	17.54 0.43 0.00	20.53 0.69 0.00	28.10 1.14 0.00	31.19 1.13 0.00	33.13 1.24 0.00	33.79 1.19 0.00	31.39 0.74 0.00	28.64 0.78 0.00	23.10 0.54 0.00	20.54 0.48 0.00	20.71 0.58 0.00	19.41 0.56 0.00	19.82 0.67 0.00	20.89 0.59 0.00	22.52 0.70 0.00	36.17 1.12 0.00	31.19 0.32 0.00	29.00 0.47 0.00	22.66 0.57 0.00	21.92 0.69 0.00
INDECK___OSWEGO 23783	17.29 -0.50 0.00	16.59 -0.48 0.00	17.60 -0.51 0.00	17.15 -0.49 0.00	16.67 -0.44 0.00	19.33 -0.52 0.00	26.30 -0.66 0.00	29.35 -0.71 0.00	30.98 -0.91 0.00	31.60 -0.99 0.00	29.64 -1.00 0.00	26.87 -0.99 0.00	21.72 -0.84 0.00	19.30 -0.75 0.00	19.37 -0.77 0.00	18.15 -0.70 0.00	18.46 -0.68 0.00	19.58 -0.73 0.00	21.12 -0.71 0.00	33.99 -1.06 0.00	29.86 -1.00 0.00	27.58 -0.95 0.00	21.38 -0.71 0.00	20.61 -0.62 0.00
INDECK___YERKES 23781	17.70 -0.09 0.00	17.03 -0.05 0.00	18.07 -0.04 0.00	17.57 -0.07 0.00	17.17 0.06 0.00	20.10 0.25 0.00	27.41 0.45 0.00	30.40 0.34 0.00	32.00 0.11 0.00	32.34 -0.26 0.00	29.94 -0.70 0.00	27.36 -0.50 0.00	22.22 -0.34 0.00	19.66 -0.39 0.00	19.81 -0.33 0.00	18.62 -0.24 0.00	19.11 -0.04 0.00	20.27 -0.04 0.00	21.90 0.07 0.00	35.01 -0.04 0.00	30.36 -0.50 0.00	28.38 -0.15 0.00	22.20 0.11 0.00	21.29 0.06 0.00
INDIAN POINT_GT_1 24139	18.23 0.44 0.00	17.46 0.39 0.00	18.43 0.32 0.00	17.95 0.31 0.00	17.42 0.31 0.00	20.11 0.26 0.00	27.35 0.39 0.00	30.68 0.62 0.00	32.89 1.00 0.00	33.77 1.17 0.00	31.81 1.16 0.00	29.02 1.16 0.00	23.58 1.02 0.00	21.02 0.96 0.00	21.15 1.01 0.00	19.79 0.94 0.00	20.01 0.86 0.00	21.14 0.83 0.00	22.64 0.82 0.00	36.55 1.50 0.00	31.96 1.09 0.00	29.41 0.88 0.00	22.81 0.72 0.00	21.91 0.69 0.00
INDIAN POINT_GT_2 23659	18.23 0.44 0.00	17.46 0.39 0.00	18.43 0.32 0.00	17.95 0.31 0.00	17.42 0.31 0.00	20.11 0.26 0.00	27.35 0.39 0.00	30.68 0.62 0.00	32.89 1.00 0.00	33.77 1.17 0.00	31.81 1.16 0.00	29.02 1.16 0.00	23.58 1.02 0.00	21.02 0.96 0.00	21.15 1.01 0.00	19.79 0.94 0.00	20.01 0.86 0.00	21.14 0.83 0.00	22.64 0.82 0.00	36.55 1.50 0.00	31.96 1.09 0.00	29.41 0.88 0.00	22.81 0.72 0.00	21.91 0.69 0.00
INDIAN POINT_GT_3 24019	18.23 0.44 0.00	17.46 0.39 0.00	18.43 0.32 0.00	17.95 0.31 0.00	17.42 0.31 0.00	20.11 0.26 0.00	27.35 0.39 0.00	30.68 0.62 0.00	32.89 1.00 0.00	33.77 1.17 0.00	31.81 1.16 0.00	29.02 1.16 0.00	23.58 1.02 0.00	21.02 0.96 0.00	21.15 1.01 0.00	19.79 0.94 0.00	20.01 0.86 0.00	21.14 0.83 0.00	22.64 0.82 0.00	36.55 1.50 0.00	31.96 1.09 0.00	29.41 0.88 0.00	22.81 0.72 0.00	21.91 0.69 0.00
INDIAN POINT___2 23530	18.22 0.43 0.00	17.45 0.38 0.00	18.42 0.31 0.00	17.94 0.31 0.00	17.41 0.29 0.00	20.09 0.24 0.00	27.34 0.38 0.00	30.67 0.61 0.00	32.89 1.00 0.00	33.75 1.15 0.00	31.79 1.14 0.00	29.01 1.15 0.00	23.57 1.01 0.00	21.01 0.96 0.00	21.14 1.00 0.00	19.79 0.93 0.00	20.00 0.85 0.00	21.13 0.82 0.00	22.63 0.81 0.00	36.53 1.48 0.00	31.94 1.08 0.00	29.39 0.86 0.00	22.80 0.71 0.00	21.91 0.68 0.00
INDIAN POINT___3 23531	18.22 0.43 0.00	17.46 0.38 0.00	18.42 0.31 0.00	17.95 0.31 0.00	17.41 0.30 0.00	20.10 0.25 0.00	27.34 0.38 0.00	30.66 0.61 0.00	32.87 0.98 0.00	33.74 1.14 0.00	31.78 1.14 0.00	29.00 1.14 0.00	23.56 1.00 0.00	21.00 0.95 0.00	21.13 0.99 0.00	19.77 0.92 0.00	19.99 0.85 0.00	21.12 0.81 0.00	22.62 0.80 0.00	36.52 1.47 0.00	31.93 1.07 0.00	29.38 0.85 0.00	22.79 0.70 0.00	21.90 0.68 0.00
INGHAM_C_115KV_TB7 356103	17.58 -0.21 0.00	16.88 -0.20 0.00	17.87 -0.24 0.00	17.43 -0.21 0.00	16.84 -0.27 0.00	19.52 -0.33 0.00	26.49 -0.47 0.00	29.66 -0.39 0.00	31.51 -0.38 0.00	32.19 -0.41 0.00	30.48 -0.17 0.00	27.78 -0.08 0.00	22.35 -0.22 0.00	19.77 -0.29 0.00	19.86 -0.28 0.00	18.53 -0.33 0.00	18.78 -0.36 0.00	19.97 -0.33 0.00	21.44 -0.39 0.00	34.82 -0.23 0.00	30.48 -0.39 0.00	28.13 -0.40 0.00	21.75 -0.34 0.00	20.97 -0.25 0.00
IP CORINTH___1 23988	18.16 0.37 0.00	17.39 0.32 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.51 0.40 0.00	20.28 0.44 0.00	27.54 0.58 0.00	30.81 0.76 0.00	32.73 0.85 0.00	33.39 0.79 0.00	31.54 0.89 0.00	28.65 0.78 0.00	23.06 0.50 0.00	20.46 0.40 0.00	20.48 0.35 0.00	19.13 0.28 0.00	19.46 0.32 0.00	20.83 0.52 0.00	22.39 0.57 0.00	36.23 1.19 0.00	31.86 0.99 0.00	29.38 0.85 0.00	22.60 0.51 0.00	21.78 0.55 0.00
IP___TICONDEROGA 23804	18.84 1.06 0.00	17.94 0.86 0.00	19.15 1.04 0.00	18.70 1.06 0.00	18.28 1.17 0.00	21.14 1.30 0.00	28.58 1.62 0.00	31.96 1.90 0.00	33.72 1.83 0.00	34.23 1.63 0.00	32.52 1.87 0.00	29.47 1.61 0.00	23.63 1.07 0.00	21.07 1.02 0.00	21.02 0.88 0.00	19.63 0.77 0.00	19.95 0.80 0.00	21.73 1.42 0.00	23.25 1.43 0.00	38.04 3.00 0.00	33.56 2.69 0.00	30.98 2.45 0.00	23.59 1.50 0.00	22.79 1.56 0.00

ISLIP_RES_REC 323679	18.62 0.83 0.00	17.84 0.77 0.00	18.80 0.69 0.00	18.30 0.67 0.00	17.79 0.68 0.00	20.58 0.73 0.00	27.78 0.82 0.00	30.93 0.87 0.00	33.42 1.53 0.00	34.62 2.02 0.00	32.58 1.90 -0.04	29.91 1.97 -0.08	24.86 1.82 -0.48	22.03 1.53 -0.45	22.62 1.67 -0.82	20.30 1.45 0.00	20.17 1.03 0.00	21.68 1.37 0.00	23.30 1.47 0.00	38.59 2.91 -0.63	33.04 2.17 0.00	30.29 1.76 0.00	23.51 1.42 0.00	22.48 1.26 0.00
JAMAICA__27_KV_LOAD 355505	18.36 0.57 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.05 0.41 0.00	17.52 0.41 0.00	20.16 0.32 0.00	27.43 0.47 0.00	30.84 0.78 0.00	33.17 1.28 0.00	34.12 1.53 0.00	32.11 1.47 0.00	29.28 1.42 0.00	23.84 1.28 0.00	21.26 1.21 0.00	21.40 1.27 0.00	20.13 1.27 0.00	20.33 1.18 0.00	21.40 1.10 0.00	22.92 1.10 0.00	36.86 1.81 0.00	32.22 1.36 0.00	29.66 1.13 0.00	23.04 0.95 0.00	22.09 0.86 0.00
JANIS__SOLAR 323808	18.50 0.71 0.00	17.72 0.65 0.00	18.81 0.70 0.00	18.32 0.68 0.00	17.82 0.71 0.00	20.75 0.90 0.00	28.34 1.38 0.00	31.52 1.47 0.00	32.92 1.03 0.00	33.74 1.14 0.00	31.62 0.97 0.00	28.66 0.80 0.00	23.08 0.52 0.00	20.35 0.30 0.00	20.53 0.39 0.00	19.06 0.21 0.00	19.24 0.10 0.00	20.64 0.34 0.00	22.55 0.72 0.00	36.48 1.44 0.00	31.99 1.12 0.00	29.51 0.98 0.00	22.85 0.76 0.00	21.90 0.68 0.00
JARVIS____ 23743	17.81 0.02 0.00	17.09 0.02 0.00	18.12 0.01 0.00	17.65 0.02 0.00	17.11 0.00 0.00	19.84 0.00 0.00	26.93 -0.02 0.00	30.07 0.02 0.00	31.95 0.06 0.00	32.66 0.06 0.00	30.72 0.07 0.00	27.95 0.09 0.00	22.63 0.07 0.00	20.12 0.06 0.00	20.20 0.06 0.00	18.90 0.05 0.00	19.19 0.04 0.00	20.33 0.02 0.00	21.85 0.02 0.00	35.12 0.08 0.00	30.89 0.02 0.00	28.53 0.00 0.00	22.09 0.00 0.00	21.26 0.03 0.00
JENNISON__1 23625	18.59 0.81 0.00	17.81 0.73 0.00	18.91 0.80 0.00	18.41 0.77 0.00	17.89 0.78 0.00	20.74 0.89 0.00	28.14 1.18 0.00	31.22 1.17 0.00	33.05 1.16 0.00	33.97 1.38 0.00	32.02 1.38 0.00	29.27 1.41 0.00	23.77 1.21 0.00	21.07 1.02 0.00	21.31 1.18 0.00	19.97 1.12 0.00	20.17 1.02 0.00	21.42 1.11 0.00	23.21 1.38 0.00	37.45 2.40 0.00	32.58 1.71 0.00	30.06 1.53 0.00	23.30 1.21 0.00	22.37 1.15 0.00
JENNISON__2 23626	18.59 0.81 0.00	17.81 0.73 0.00	18.91 0.80 0.00	18.41 0.77 0.00	17.89 0.78 0.00	20.74 0.89 0.00	28.14 1.18 0.00	31.22 1.16 0.00	33.05 1.16 0.00	33.97 1.38 0.00	32.02 1.38 0.00	29.27 1.41 0.00	23.77 1.21 0.00	21.07 1.02 0.00	21.31 1.18 0.00	19.97 1.12 0.00	20.17 1.02 0.00	21.42 1.11 0.00	23.21 1.38 0.00	37.45 2.40 0.00	32.58 1.71 0.00	30.06 1.53 0.00	23.30 1.21 0.00	22.37 1.15 0.00
JERICHO_RISE_WT_PWR 323719	18.01 0.22 0.00	17.26 0.18 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.51 0.40 0.00	20.40 0.55 0.00	27.75 0.79 0.00	30.75 0.69 0.00	32.59 0.71 0.00	33.53 0.93 0.00	31.48 0.84 0.00	28.35 0.48 0.00	22.74 0.18 0.00	20.11 0.05 0.00	20.20 0.06 0.00	18.87 0.02 0.00	19.01 -0.14 0.00	20.55 0.25 0.00	22.48 0.65 0.00	36.34 1.30 0.00	32.07 1.20 0.00	29.61 1.09 0.00	22.81 0.72 0.00	21.73 0.51 0.00
KATONAH__115KV_46KV_TB4 355592	18.32 0.53 0.00	17.55 0.48 0.00	18.53 0.42 0.00	18.06 0.42 0.00	17.53 0.42 0.00	20.24 0.39 0.00	27.52 0.55 0.00	30.87 0.81 0.00	33.08 1.19 0.00	33.94 1.34 0.00	31.98 1.34 0.00	29.18 1.32 0.00	23.71 1.15 0.00	21.14 1.09 0.00	21.25 1.12 0.00	19.89 1.04 0.00	20.11 0.96 0.00	21.26 0.95 0.00	22.77 0.95 0.00	36.76 1.71 0.00	32.15 1.28 0.00	29.57 1.04 0.00	22.91 0.82 0.00	21.99 0.77 0.00
KCE_NY_1 323755	18.28 0.49 0.00	17.52 0.45 0.00	18.60 0.49 0.00	18.13 0.49 0.00	17.58 0.47 0.00	20.37 0.53 0.00	27.68 0.72 0.00	30.95 0.89 0.00	32.89 1.00 0.00	33.56 0.96 0.00	31.63 0.98 0.00	28.74 0.88 0.00	23.16 0.60 0.00	20.59 0.53 0.00	20.65 0.51 0.00	19.28 0.42 0.00	19.63 0.48 0.00	20.91 0.60 0.00	22.48 0.66 0.00	36.35 1.31 0.00	31.87 1.01 0.00	29.42 0.89 0.00	22.69 0.61 0.00	21.91 0.69 0.00
KCE_NY_6_ESR 323823	17.90 0.11 0.00	17.21 0.13 0.00	18.27 0.15 0.00	17.75 0.12 0.00	17.32 0.21 0.00	20.27 0.43 0.00	27.67 0.71 0.00	30.73 0.68 0.00	32.39 0.50 0.00	32.79 0.19 0.00	30.35 -0.29 0.00	27.72 -0.14 0.00	22.49 -0.07 0.00	19.90 -0.15 0.00	20.04 -0.09 0.00	18.85 0.00 0.00	19.31 0.17 0.00	20.48 0.18 0.00	22.11 0.28 0.00	35.42 0.37 0.00	30.67 -0.20 0.00	28.63 0.11 0.00	22.33 0.25 0.00	21.39 0.16 0.00
KEDC_PORT_JEFF_GT2 24210	18.54 0.75 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.72 0.61 0.00	20.49 0.65 0.00	27.65 0.69 0.00	30.77 0.72 0.00	33.22 1.34 0.00	34.41 1.81 0.00	32.38 1.71 -0.03	29.73 1.80 -0.07	24.69 1.67 -0.45	21.86 1.40 -0.40	22.43 1.53 -0.76	20.17 1.32 0.00	20.06 0.92 0.00	21.55 1.25 0.00	23.17 1.34 0.00	38.36 2.69 -0.63	32.85 1.98 0.00	30.13 1.60 0.00	23.40 1.31 0.00	22.38 1.16 0.00
KEDC_PORT_JEFF_GT3 24211	18.54 0.75 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.72 0.61 0.00	20.49 0.65 0.00	27.65 0.69 0.00	30.77 0.72 0.00	33.22 1.34 0.00	34.41 1.81 0.00	32.38 1.71 -0.03	29.73 1.80 -0.07	24.69 1.67 -0.45	21.86 1.40 -0.40	22.43 1.53 -0.76	20.17 1.32 0.00	20.06 0.92 0.00	21.55 1.25 0.00	23.17 1.34 0.00	38.36 2.69 -0.63	32.85 1.98 0.00	30.13 1.60 0.00	23.40 1.31 0.00	22.38 1.16 0.00
KEDC_GLWD_GT4 24219	18.38 0.59 0.00	17.60 0.52 0.00	18.56 0.45 0.00	18.08 0.44 0.00	17.55 0.43 0.00	20.26 0.42 0.00	27.49 0.53 0.00	30.78 0.72 0.00	33.10 1.21 0.00	34.08 1.48 0.00	32.29 1.49 -0.17	29.75 1.53 -0.35	26.03 1.38 -2.09	23.96 1.24 -2.66	25.12 1.31 -3.67	20.02 1.16 0.00	20.14 1.00 0.00	21.37 1.06 0.00	22.92 1.10 0.00	37.89 2.01 -0.83	32.35 1.48 0.00	29.73 1.21 0.00	23.06 0.97 0.00	22.11 0.89 0.00
KEDC_GLWD_GT5 24220	18.38 0.59 0.00	17.60 0.52 0.00	18.56 0.45 0.00	18.08 0.44 0.00	17.55 0.43 0.00	20.26 0.42 0.00	27.49 0.53 0.00	30.78 0.72 0.00	33.10 1.21 0.00	34.08 1.48 0.00	32.29 1.49 -0.17	29.75 1.53 -0.35	26.03 1.38 -2.09	23.96 1.24 -2.66	25.12 1.31 -3.67	20.02 1.16 0.00	20.14 1.00 0.00	21.37 1.06 0.00	22.92 1.10 0.00	37.89 2.01 -0.83	32.35 1.48 0.00	29.73 1.21 0.00	23.06 0.97 0.00	22.11 0.89 0.00
KENSICO____ 23655	18.27 0.48 0.00	17.50 0.43 0.00	18.47 0.36 0.00	18.00 0.36 0.00	17.46 0.35 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.73 0.68 0.00	32.96 1.07 0.00	33.84 1.24 0.00	31.87 1.23 0.00	29.10 1.24 0.00	23.65 1.09 0.00	21.09 1.03 0.00	21.21 1.08 0.00	19.86 1.00 0.00	20.06 0.92 0.00	21.20 0.89 0.00	22.71 0.88 0.00	36.63 1.58 0.00	32.03 1.16 0.00	29.47 0.94 0.00	22.85 0.76 0.00	21.94 0.72 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.40 0.61 0.00	17.63 0.55 0.00	18.62 0.51 0.00	18.14 0.51 0.00	17.61 0.49 0.00	20.36 0.52 0.00	27.76 0.80 0.00	31.20 1.14 0.00	33.47 1.59 0.00	34.40 1.81 0.00	32.39 1.75 0.00	29.52 1.65 0.00	23.96 1.40 0.00	21.41 1.36 0.00	21.33 1.20 0.00	20.04 1.19 0.00	20.25 1.10 0.00	21.46 1.16 0.00	23.04 1.22 0.00	37.24 2.20 0.00	32.58 1.71 0.00	29.95 1.43 0.00	23.17 1.08 0.00	22.22 1.00 0.00
KIAC_JFK_GT1 23816	18.30 0.51 0.00	17.51 0.43 0.00	18.44 0.33 0.00	18.00 0.36 0.00	17.47 0.36 0.00	20.10 0.25 0.00	27.34 0.37 0.00	30.69 0.64 0.00	33.03 1.15 0.00	34.00 1.40 0.00	31.98 1.34 0.00	29.13 1.27 0.00	23.71 1.15 0.00	21.15 1.10 0.00	21.30 1.17 0.00	20.03 1.18 0.00	20.23 1.08 0.00	21.30 0.99 0.00	22.81 0.99 0.00	36.67 1.62 0.00	32.05 1.18 0.00	29.50 0.97 0.00	22.93 0.84 0.00	21.98 0.76 0.00
KIAC_JFK_GT2 23817	18.30 0.51 0.00	17.51 0.43 0.00	18.44 0.33 0.00	18.00 0.36 0.00	17.47 0.36 0.00	20.10 0.25 0.00	27.34 0.37 0.00	30.69 0.64 0.00	33.03 1.15 0.00	34.00 1.40 0.00	31.98 1.34 0.00	29.13 1.27 0.00	23.71 1.15 0.00	21.15 1.10 0.00	21.30 1.17 0.00	20.03 1.18 0.00	20.23 1.08 0.00	21.30 0.99 0.00	22.81 0.99 0.00	36.67 1.62 0.00	32.05 1.18 0.00	29.50 0.97 0.00	22.93 0.84 0.00	21.98 0.76 0.00
KIAC_JFK____ 323774	18.30 0.51 0.00	17.51 0.43 0.00	18.44 0.33 0.00	18.00 0.36 0.00	17.47 0.36 0.00	20.10 0.25 0.00	27.34 0.37 0.00	30.69 0.64 0.00	33.03 1.14 0.00	34.00 1.40 0.00	31.98 1.34 0.00	29.13 1.27 0.00	23.71 1.15 0.00	21.15 1.10 0.00	21.30 1.16 0.00	20.03 1.18 0.00	20.23 1.08 0.00	21.30 0.99 0.00	22.81 0.98 0.00	36.67 1.62 0.00	32.05 1.19 0.00	29.50 0.97 0.00	22.92 0.84 0.00	21.98 0.76 0.00
KINTIGH____ 23543	17.44 -0.35 0.00	16.77 -0.31 0.00	17.81 -0.30 0.00	17.31 -0.32 0.00	16.89 -0.22 0.00	19.74 -0.11 0.00	26.90 -0.06 0.00	29.87 -0.18 0.00	31.43 -0.46 0.00	31.80 -0.80 0.00	29.55 -1.09 0.00	26.95 -0.91 0.00	21.84 -0.72 0.00	19.35 -0.70 0.00	19.50 -0.64 0.00	18.33 -0.52 0.00	18.75 -0.40 0.00	19.92 -0.39 0.00	21.49 -0.33 0.00	34.38 -0.66 0.00	29.91 -0.96 0.00	27.88 -0.65 0.00	21.78 -0.31 0.00	20.91 -0.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.34 0.55 0.00	17.56 0.48 0.00	18.80 0.69 0.00	18.33 0.70 0.00	17.81 0.70 0.00	20.69 0.85 0.00	28.12 1.16 0.00	31.41 1.36 0.00	33.39 1.50 0.00	34.51 1.91 0.00	32.50 1.85 0.00	29.15 1.29 0.00	23.26 0.70 0.00	20.51 0.45 0.00	20.56 0.42 0.00	19.16 0.31 0.00	19.21 0.06 0.00	20.94 0.63 0.00	23.10 1.28 0.00	37.59 2.55 0.00	33.06 2.19 0.00	30.52 1.99 0.00	23.48 1.39 0.00	22.40 1.18 0.00
LACHUTE____HYDRO 323717	18.84 1.06 0.00	17.94 0.86 0.00	19.15 1.03 0.00	18.70 1.06 0.00	18.28 1.17 0.00	21.15 1.30 0.00	28.58 1.62 0.00	31.95 1.90 0.00	33.72 1.83 0.00	34.23 1.63 0.00	32.52 1.87 0.00	29.47 1.61 0.00	23.63 1.07 0.00	21.07 1.02 0.00	21.02 0.88 0.00	19.63 0.77 0.00	19.95 0.80 0.00	21.73 1.42 0.00	23.25 1.43 0.00	38.04 3.00 0.00	33.56 2.69 0.00	30.98 2.45 0.00	23.59 1.50 0.00	22.79 1.56 0.00
LAWRNCAY_115KV_TB1 80681	17.57 -0.22 0.00	16.88 -0.19 0.00	17.99 -0.13 0.00	17.52 -0.12 0.00	17.04 -0.07 0.00	19.84 0.00 0.00	27.02 0.06 0.00	29.92 -0.14 0.00	31.53 -0.35 0.00	32.25 -0.34 0.00	30.26 -0.38 0.00	27.37 -0.49 0.00	22.12 -0.44 0.00	19.60 -0.46 0.00	19.67 -0.47 0.00	18.40 -0.45 0.00	18.69 -0.45 0.00	20.00 -0.31 0.00	21.62 -0.21 0.00	34.76 -0.29 0.00	30.83 -0.04 0.00	28.51 -0.02 0.00	21.97 -0.12 0.00	20.94 -0.28 0.00
LEDERLE____ 23769	18.31 0.52 0.00	17.53 0.46 0.00	18.50 0.39 0.00	18.02 0.38 0.00	17.48 0.37 0.00	20.19 0.35 0.00	27.51 0.54 0.00	30.86 0.81 0.00	33.09 1.21 0.00	33.98 1.38 0.00	31.99 1.35 0.00	29.20 1.34 0.00	23.72 1.16 0.00	21.14 1.08 0.00	21.26 1.13 0.00	19.91 1.05 0.00	20.13 0.98 0.00	21.26 0.95 0.00	22.77 0.95 0.00	36.79 1.74 0.00	32.16 1.30 0.00	29.59 1.06 0.00	22.94 0.86 0.00	22.05 0.82 0.00
LIGHTHSE_115KV_TB6 355974	17.36 -0.43 0.00	16.67 -0.41 0.00	17.72 -0.39 0.00	17.31 -0.33 0.00	16.84 -0.27 0.00	19.55 -0.29 0.00	26.64 -0.32 0.00	29.76 -0.30 0.00	31.37 -0.52 0.00	31.93 -0.66 0.00	29.87 -0.77 0.00	26.98 -0.89 0.00	21.75 -0.81 0.00	19.26 -0.80 0.00	19.29 -0.85 0.00	18.08 -0.77 0.00	18.36 -0.79 0.00	19.54 -0.77 0.00	21.14 -0.68 0.00	34.21 -0.83 0.00	30.11 -0.76 0.00	27.74 -0.78 0.00	21.48 -0.60 0.00	20.75 -0.48 0.00
LINDEN COGEN____ 23786	18.22 0.43 0.00	17.45 0.37 0.00	18.39 0.27 0.00	17.92 0.28 0.00	17.39 0.28 0.00	20.03 0.18 0.00	27.25 0.29 0.00	30.62 0.57 0.00	32.93 1.04 0.00	33.82 1.22 0.00	31.87 1.22 0.00	29.10 1.24 0.00	23.67 1.11 0.00	21.11 1.06 0.00	21.25 1.11 0.00	19.93 1.07 0.00	20.12 0.97 0.00	21.22 0.91 0.00	22.72 0.90 0.00	36.58 1.53 0.00	31.96 1.09 0.00	29.40 0.87 0.00	22.83 0.74 0.00	21.90 0.68 0.00
LINDHRST_69_KV_BK1 356055	18.55 0.76 0.00	17.75 0.67 0.00	18.70 0.59 0.00	18.20 0.57 0.00	17.68 0.57 0.00	20.44 0.60 0.00	27.65 0.69 0.00	30.86 0.80 0.00	33.31 1.43 0.00	34.43 1.83 0.00	32.46 1.74 -0.08	29.90 1.86 -0.17	25.35 1.72 -1.07	22.77 1.47 -1.25	23.49 1.57 -1.78	20.22 1.37 0.00	20.19 1.05 0.00	21.59 1.28 0.00	23.19 1.37 0.00	38.34 2.63 -0.67	32.81 1.94 0.00	30.13 1.60 0.00	23.36 1.27 0.00	22.35 1.13 0.00
LIPA_MISC_IPP 23656	18.53 0.74 0.00	17.78 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.72 0.61 0.00	20.50 0.65 0.00	27.60 0.64 0.00	30.65 0.60 0.00	33.10 1.21 0.00	34.30 1.70 0.00	32.24 1.57 -0.03	29.57 1.64 -0.06	24.54 1.55 -0.43	21.71 1.27 -0.38	22.28 1.41 -0.74	20.05 1.20 0.00	19.90 0.76 0.00	21.45 1.15 0.00	23.07 1.24 0.00	38.29 2.61 -0.63	32.78 1.91 0.00	30.07 1.54 0.00	23.37 1.28 0.00	22.34 1.12 0.00
LISF____SOLAR 323691	18.56 0.77 0.00	17.80 0.72 0.00	18.76 0.65 0.00	18.27 0.63 0.00	17.74 0.63 0.00	20.53 0.69 0.00	27.64 0.68 0.00	30.69 0.64 0.00	33.15 1.26 0.00	34.35 1.76 0.00	32.30 1.62 -0.03	29.62 1.69 -0.07	24.58 1.58 -0.44	21.75 1.31 -0.39	22.33 1.45 -0.75	20.09 1.24 0.00	19.92 0.78 0.00	21.49 1.19 0.00	23.11 1.28 0.00	38.37 2.69 -0.63	32.85 1.98 0.00	30.12 1.59 0.00	23.41 1.32 0.00	22.39 1.16 0.00
LITTLE FALLS____HYD 24013	17.58 -0.21 0.00	16.88 -0.20 0.00	17.87 -0.24 0.00	17.43 -0.21 0.00	16.84 -0.27 0.00	19.52 -0.33 0.00	26.49 -0.47 0.00	29.66 -0.39 0.00	31.51 -0.38 0.00	32.19 -0.41 0.00	30.48 -0.17 0.00	27.78 -0.08 0.00	22.35 -0.22 0.00	19.77 -0.29 0.00	19.86 -0.28 0.00	18.53 -0.33 0.00	18.78 -0.36 0.00	19.97 -0.33 0.00	21.44 -0.39 0.00	34.82 -0.23 0.00	30.48 -0.39 0.00	28.13 -0.40 0.00	21.75 -0.34 0.00	20.97 -0.25 0.00

LITTLRIV_115KV_TB1 356100	17.79 0.01 0.00	17.08 0.01 0.00	18.21 0.10 0.00	17.74 0.10 0.00	17.26 0.15 0.00	20.12 0.28 0.00	27.42 0.46 0.00	30.35 0.30 0.00	31.94 0.06 0.00	32.63 0.03 0.00	30.54 -0.11 0.00	27.57 -0.29 0.00	22.30 -0.26 0.00	19.76 -0.30 0.00	19.85 -0.29 0.00	18.54 -0.31 0.00	18.84 -0.31 0.00	20.18 -0.12 0.00	21.86 0.03 0.00	35.27 0.22 0.00	31.30 0.44 0.00	28.94 0.41 0.00	22.29 0.19 0.00	21.22 -0.01 0.00
LI_NEWBRDGE___DRP 323616	18.26 0.47 0.00	17.49 0.42 0.00	18.44 0.32 0.00	17.95 0.32 0.00	17.43 0.32 0.00	20.13 0.29 0.00	27.22 0.26 0.00	30.37 0.32 0.00	32.75 0.86 0.00	33.81 1.21 0.00	31.86 1.22 -0.01	29.24 1.37 -0.01	23.98 1.31 -0.10	21.10 1.13 0.07	21.52 1.20 -0.18	19.87 1.02 0.00	19.89 0.75 0.00	21.21 0.90 0.00	22.77 0.95 0.00	37.54 1.89 -0.61	32.18 1.31 0.00	29.56 1.03 0.00	22.95 0.86 0.00	21.99 0.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.62 -0.17 0.00	16.94 -0.14 0.00	17.99 -0.12 0.00	17.48 -0.15 0.00	17.08 -0.03 0.00	20.00 0.16 0.00	27.28 0.31 0.00	30.24 0.19 0.00	31.80 -0.09 0.00	32.10 -0.49 0.00	29.72 -0.93 0.00	27.18 -0.69 0.00	22.06 -0.50 0.00	19.52 -0.53 0.00	19.67 -0.47 0.00	18.52 -0.33 0.00	18.95 -0.20 0.00	20.15 -0.15 0.00	21.80 -0.02 0.00	34.79 -0.25 0.00	30.19 -0.67 0.00	28.20 -0.32 0.00	22.11 0.02 0.00	21.20 -0.03 0.00
LOCKPORT___CC1 323769	17.61 -0.18 0.00	16.93 -0.14 0.00	17.99 -0.13 0.00	17.48 -0.16 0.00	17.07 -0.04 0.00	19.98 0.14 0.00	27.26 0.29 0.00	30.22 0.17 0.00	31.77 -0.11 0.00	32.08 -0.52 0.00	29.69 -0.95 0.00	27.16 -0.71 0.00	22.05 -0.51 0.00	19.50 -0.55 0.00	19.66 -0.48 0.00	18.48 -0.37 0.00	18.97 -0.17 0.00	20.13 -0.17 0.00	21.78 -0.05 0.00	34.75 -0.29 0.00	30.15 -0.72 0.00	28.18 -0.35 0.00	22.07 -0.02 0.00	21.15 -0.07 0.00
LOCKPORT___CC2 323770	17.61 -0.18 0.00	16.93 -0.14 0.00	17.99 -0.13 0.00	17.48 -0.16 0.00	17.07 -0.04 0.00	19.98 0.14 0.00	27.26 0.29 0.00	30.22 0.17 0.00	31.77 -0.11 0.00	32.08 -0.52 0.00	29.69 -0.95 0.00	27.16 -0.71 0.00	22.05 -0.51 0.00	19.50 -0.55 0.00	19.66 -0.48 0.00	18.48 -0.37 0.00	18.97 -0.17 0.00	20.13 -0.17 0.00	21.78 -0.05 0.00	34.75 -0.29 0.00	30.15 -0.72 0.00	28.18 -0.35 0.00	22.07 -0.02 0.00	21.15 -0.07 0.00
LOCKPORT___CC3 323771	17.61 -0.18 0.00	16.93 -0.14 0.00	17.99 -0.13 0.00	17.48 -0.16 0.00	17.07 -0.04 0.00	19.98 0.14 0.00	27.26 0.29 0.00	30.22 0.17 0.00	31.77 -0.11 0.00	32.08 -0.52 0.00	29.69 -0.95 0.00	27.16 -0.71 0.00	22.05 -0.51 0.00	19.50 -0.55 0.00	19.66 -0.48 0.00	18.48 -0.37 0.00	18.97 -0.17 0.00	20.13 -0.17 0.00	21.78 -0.05 0.00	34.75 -0.29 0.00	30.15 -0.72 0.00	28.18 -0.35 0.00	22.07 -0.02 0.00	21.15 -0.07 0.00
LONG_LAKE_PHOENIX 24014	17.39 -0.40 0.00	16.68 -0.39 0.00	17.69 -0.42 0.00	17.23 -0.40 0.00	16.74 -0.38 0.00	19.42 -0.42 0.00	26.45 -0.51 0.00	29.52 -0.53 0.00	31.15 -0.74 0.00	31.78 -0.82 0.00	29.83 -0.81 0.00	27.00 -0.87 0.00	21.82 -0.75 0.00	19.39 -0.67 0.00	19.46 -0.67 0.00	18.24 -0.61 0.00	18.59 -0.56 0.00	19.69 -0.62 0.00	21.27 -0.56 0.00	34.21 -0.83 0.00	30.05 -0.82 0.00	27.76 -0.76 0.00	21.51 -0.58 0.00	20.71 -0.51 0.00
LOVETT___3 23632	18.21 0.42 0.00	17.45 0.37 0.00	18.41 0.30 0.00	17.93 0.30 0.00	17.39 0.28 0.00	20.09 0.24 0.00	27.35 0.38 0.00	30.68 0.62 0.00	32.88 1.00 0.00	33.76 1.16 0.00	31.78 1.14 0.00	29.01 1.14 0.00	23.56 1.00 0.00	21.00 0.95 0.00	21.13 0.99 0.00	19.77 0.92 0.00	20.00 0.85 0.00	21.12 0.81 0.00	22.62 0.80 0.00	36.53 1.48 0.00	31.94 1.08 0.00	29.39 0.86 0.00	22.80 0.71 0.00	21.92 0.69 0.00
LOVETT___4 23642	18.21 0.42 0.00	17.45 0.37 0.00	18.41 0.30 0.00	17.93 0.30 0.00	17.39 0.28 0.00	20.09 0.24 0.00	27.35 0.38 0.00	30.68 0.62 0.00	32.88 1.00 0.00	33.76 1.16 0.00	31.78 1.14 0.00	29.01 1.14 0.00	23.56 1.00 0.00	21.00 0.95 0.00	21.13 0.99 0.00	19.77 0.92 0.00	20.00 0.85 0.00	21.12 0.81 0.00	22.62 0.80 0.00	36.53 1.48 0.00	31.94 1.08 0.00	29.39 0.86 0.00	22.80 0.71 0.00	21.92 0.69 0.00
LOVETT___5 23593	18.21 0.42 0.00	17.45 0.37 0.00	18.41 0.30 0.00	17.93 0.30 0.00	17.39 0.28 0.00	20.09 0.24 0.00	27.35 0.38 0.00	30.68 0.62 0.00	32.88 1.00 0.00	33.76 1.16 0.00	31.78 1.14 0.00	29.01 1.14 0.00	23.56 1.00 0.00	21.00 0.95 0.00	21.13 0.99 0.00	19.77 0.92 0.00	20.00 0.85 0.00	21.12 0.81 0.00	22.62 0.80 0.00	36.53 1.48 0.00	31.94 1.08 0.00	29.39 0.86 0.00	22.80 0.71 0.00	21.92 0.69 0.00
LOWER RAQUET___HYD 24057	17.47 -0.31 0.00	16.78 -0.29 0.00	17.90 -0.22 0.00	17.43 -0.20 0.00	16.96 -0.15 0.00	19.76 -0.09 0.00	26.90 -0.06 0.00	29.80 -0.25 0.00	31.40 -0.49 0.00	32.12 -0.48 0.00	30.11 -0.54 0.00	27.21 -0.65 0.00	21.99 -0.58 0.00	19.47 -0.58 0.00	19.53 -0.60 0.00	18.27 -0.58 0.00	18.56 -0.59 0.00	19.87 -0.44 0.00	21.50 -0.33 0.00	34.60 -0.44 0.00	30.69 -0.17 0.00	28.38 -0.14 0.00	21.86 -0.23 0.00	20.84 -0.38 0.00
LOWER___HUDSON 24059	18.13 0.34 0.00	17.40 0.32 0.00	18.45 0.34 0.00	17.98 0.35 0.00	17.39 0.28 0.00	20.13 0.29 0.00	27.24 0.28 0.00	30.45 0.39 0.00	32.39 0.51 0.00	33.02 0.42 0.00	31.17 0.53 0.00	28.35 0.49 0.00	22.92 0.36 0.00	20.38 0.33 0.00	20.45 0.32 0.00	19.12 0.27 0.00	19.46 0.31 0.00	20.59 0.29 0.00	22.09 0.27 0.00	35.67 0.63 0.00	31.32 0.45 0.00	28.94 0.41 0.00	22.39 0.30 0.00	21.62 0.39 0.00
LOWVILLE_115KV_TB2 356335	17.72 -0.07 0.00	17.04 -0.04 0.00	18.20 0.09 0.00	17.84 0.21 0.00	17.39 0.28 0.00	20.26 0.41 0.00	27.64 0.68 0.00	30.89 0.84 0.00	32.61 0.72 0.00	33.26 0.66 0.00	31.05 0.41 0.00	27.97 0.10 0.00	22.46 -0.10 0.00	19.78 -0.27 0.00	19.72 -0.41 0.00	18.48 -0.37 0.00	18.74 -0.41 0.00	20.00 -0.31 0.00	21.72 -0.11 0.00	35.26 0.22 0.00	31.11 0.24 0.00	28.66 0.14 0.00	22.00 -0.08 0.00	21.34 0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.29 0.50 0.00	17.53 0.46 0.00	18.61 0.50 0.00	18.13 0.50 0.00	17.58 0.47 0.00	20.38 0.53 0.00	27.66 0.70 0.00	30.92 0.86 0.00	32.86 0.98 0.00	33.53 0.93 0.00	31.62 0.97 0.00	28.74 0.87 0.00	23.17 0.61 0.00	20.57 0.52 0.00	20.64 0.50 0.00	19.29 0.44 0.00	19.63 0.49 0.00	20.90 0.59 0.00	22.46 0.64 0.00	36.30 1.25 0.00	31.85 0.99 0.00	29.40 0.87 0.00	22.69 0.60 0.00	21.88 0.66 0.00
LUTHERNY_35_KV_BK2 355980	18.28 0.49 0.00	17.52 0.45 0.00	18.60 0.49 0.00	18.13 0.50 0.00	17.58 0.47 0.00	20.37 0.53 0.00	27.68 0.73 0.00	30.95 0.89 0.00	32.89 1.00 0.00	33.56 0.96 0.00	31.63 0.99 0.00	28.74 0.88 0.00	23.16 0.60 0.00	20.59 0.53 0.00	20.65 0.51 0.00	19.27 0.42 0.00	19.63 0.49 0.00	20.91 0.60 0.00	22.48 0.66 0.00	36.35 1.31 0.00	31.87 1.01 0.00	29.42 0.89 0.00	22.69 0.61 0.00	21.92 0.69 0.00

LWR___OSWEGATCHIE_HYD 23850	17.51 -0.28 0.00	16.83 -0.25 0.00	17.96 -0.15 0.00	17.56 -0.08 0.00	17.10 -0.01 0.00	19.92 0.07 0.00	27.13 0.17 0.00	30.19 0.14 0.00	31.82 -0.06 0.00	32.47 -0.13 0.00	30.35 -0.29 0.00	27.37 -0.49 0.00	22.04 -0.52 0.00	19.46 -0.59 0.00	19.47 -0.67 0.00	18.22 -0.63 0.00	18.51 -0.64 0.00	19.79 -0.51 0.00	21.47 -0.36 0.00	34.73 -0.31 0.00	30.73 -0.14 0.00	28.38 -0.15 0.00	21.82 -0.27 0.00	20.99 -0.24 0.00
LYONS_FALL_HYD 23570	17.88 0.09 0.00	17.17 0.10 0.00	18.30 0.18 0.00	17.89 0.26 0.00	17.42 0.31 0.00	20.27 0.43 0.00	27.64 0.69 0.00	30.90 0.85 0.00	32.68 0.80 0.00	33.37 0.77 0.00	31.23 0.58 0.00	28.22 0.35 0.00	22.70 0.14 0.00	20.05 -0.01 0.00	20.03 -0.11 0.00	18.75 -0.10 0.00	19.04 -0.11 0.00	20.27 -0.04 0.00	21.97 0.14 0.00	35.55 0.51 0.00	31.32 0.46 0.00	28.89 0.36 0.00	22.23 0.14 0.00	21.47 0.25 0.00
MADISON___COUNTY_LFGE 323628	18.16 0.37 0.00	17.41 0.33 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.51 0.40 0.00	20.37 0.53 0.00	27.80 0.83 0.00	31.06 1.01 0.00	32.90 1.01 0.00	33.62 1.02 0.00	31.53 0.88 0.00	28.59 0.73 0.00	23.00 0.44 0.00	20.34 0.29 0.00	20.40 0.27 0.00	19.07 0.21 0.00	19.40 0.25 0.00	20.61 0.31 0.00	22.33 0.51 0.00	36.04 1.00 0.00	31.72 0.86 0.00	29.28 0.75 0.00	22.61 0.52 0.00	21.71 0.49 0.00
MALONE___115KV_TB1 356076	18.08 0.29 0.00	17.34 0.26 0.00	18.56 0.44 0.00	18.08 0.45 0.00	17.59 0.48 0.00	20.50 0.66 0.00	27.92 0.96 0.00	30.95 0.89 0.00	32.77 0.89 0.00	33.65 1.06 0.00	31.55 0.91 0.00	28.39 0.52 0.00	22.79 0.23 0.00	20.14 0.09 0.00	20.24 0.10 0.00	18.91 0.06 0.00	19.10 -0.05 0.00	20.65 0.34 0.00	22.53 0.71 0.00	36.41 1.37 0.00	32.17 1.31 0.00	29.70 1.17 0.00	22.86 0.77 0.00	21.76 0.54 0.00
MAPLEWOD_115KV_TB3 80458	18.14 0.35 0.00	17.41 0.34 0.00	18.41 0.30 0.00	17.96 0.32 0.00	17.38 0.27 0.00	20.12 0.27 0.00	27.20 0.24 0.00	30.42 0.36 0.00	32.39 0.50 0.00	33.01 0.42 0.00	31.15 0.51 0.00	28.34 0.47 0.00	22.90 0.33 0.00	20.33 0.28 0.00	20.41 0.27 0.00	19.10 0.24 0.00	19.46 0.32 0.00	20.56 0.25 0.00	22.05 0.23 0.00	35.50 0.45 0.00	31.16 0.29 0.00	28.78 0.26 0.00	22.32 0.23 0.00	21.56 0.34 0.00
MAPLE_RIDGE_WT_1 323574	17.73 -0.06 0.00	17.06 -0.02 0.00	18.14 0.03 0.00	17.67 0.04 0.00	17.16 0.04 0.00	19.92 0.08 0.00	27.07 0.11 0.00	30.09 0.04 0.00	31.86 -0.02 0.00	32.60 0.01 0.00	30.65 0.01 0.00	27.86 -0.01 0.00	22.55 -0.01 0.00	20.02 -0.04 0.00	20.07 -0.06 0.00	18.76 -0.09 0.00	19.04 -0.11 0.00	20.21 -0.10 0.00	21.73 -0.10 0.00	34.82 -0.23 0.00	30.74 -0.12 0.00	28.46 -0.07 0.00	21.99 -0.10 0.00	21.17 -0.06 0.00
MAPLE_RIDGE_WT_2 323611	17.73 -0.06 0.00	17.06 -0.02 0.00	18.14 0.03 0.00	17.67 0.04 0.00	17.16 0.04 0.00	19.92 0.08 0.00	27.07 0.11 0.00	30.09 0.04 0.00	31.86 -0.02 0.00	32.60 0.01 0.00	30.65 0.01 0.00	27.86 -0.01 0.00	22.55 -0.01 0.00	20.02 -0.04 0.00	20.07 -0.06 0.00	18.76 -0.09 0.00	19.04 -0.11 0.00	20.21 -0.10 0.00	21.73 -0.10 0.00	34.82 -0.23 0.00	30.74 -0.12 0.00	28.46 -0.07 0.00	21.99 -0.10 0.00	21.17 -0.06 0.00
MARBLE_RIVER_WT_PWR 323696	18.04 0.25 0.00	17.27 0.19 0.00	18.50 0.39 0.00	18.04 0.41 0.00	17.52 0.42 0.00	20.41 0.56 0.00	27.79 0.83 0.00	31.30 1.24 0.00	33.27 1.38 0.00	34.37 1.78 0.00	32.32 1.68 0.00	28.90 1.03 0.00	23.04 0.48 0.00	20.32 0.27 0.00	20.35 0.21 0.00	18.95 0.10 0.00	18.90 -0.25 0.00	20.73 0.42 0.00	23.01 1.18 0.00	37.56 2.52 0.00	32.98 2.11 0.00	30.45 1.92 0.00	23.43 1.34 0.00	22.37 1.15 0.00
MARSHVLE_115KV_TB1 80742	18.88 1.09 0.00	18.09 1.02 0.00	19.23 1.12 0.00	18.71 1.08 0.00	18.24 1.13 0.00	21.26 1.41 0.00	29.01 2.05 0.00	32.27 2.21 0.00	34.31 2.42 0.00	35.12 2.52 0.00	32.77 2.13 0.00	29.77 1.91 0.00	23.97 1.41 0.00	21.28 1.23 0.00	21.36 1.22 0.00	19.93 1.08 0.00	20.24 1.10 0.00	21.55 1.24 0.00	23.30 1.48 0.00	37.55 2.50 0.00	33.06 2.19 0.00	30.70 2.17 0.00	23.65 1.56 0.00	22.68 1.46 0.00
MARSH_HILL_WT_PWR 323713	18.18 0.39 0.00	17.41 0.34 0.00	18.45 0.34 0.00	17.93 0.29 0.00	17.35 0.24 0.00	20.04 0.19 0.00	27.70 0.74 0.00	30.69 0.64 0.00	33.14 1.26 0.00	34.42 1.82 0.00	32.00 1.36 0.00	29.23 1.36 0.00	23.49 0.93 0.00	20.73 0.68 0.00	20.81 0.68 0.00	19.52 0.67 0.00	19.75 0.60 0.00	20.80 0.49 0.00	22.52 0.69 0.00	36.44 1.39 0.00	31.46 0.60 0.00	29.04 0.50 0.00	22.49 0.40 0.00	21.35 0.13 0.00
MCINTYRE_115KV_TB2 80467	18.04 0.25 0.00	17.31 0.23 0.00	18.45 0.33 0.00	17.95 0.32 0.00	17.48 0.37 0.00	20.37 0.53 0.00	27.77 0.81 0.00	30.73 0.67 0.00	32.28 0.40 0.00	32.94 0.34 0.00	30.78 0.14 0.00	27.82 -0.05 0.00	22.52 -0.05 0.00	19.96 -0.09 0.00	20.08 -0.06 0.00	18.75 -0.10 0.00	19.05 -0.09 0.00	20.40 0.09 0.00	22.09 0.26 0.00	35.68 0.64 0.00	31.71 0.84 0.00	29.32 0.79 0.00	22.58 0.50 0.00	21.48 0.25 0.00
MECO____69_KV_BK1 80468	19.46 1.67 0.00	18.62 1.55 0.00	19.78 1.67 0.00	19.27 1.64 0.00	18.76 1.65 0.00	21.94 2.09 0.00	29.99 3.03 0.00	33.47 3.41 0.00	35.51 3.63 0.00	36.18 3.59 0.00	33.89 3.25 0.00	30.72 2.85 0.00	24.33 1.77 0.00	21.37 1.32 0.00	21.53 1.39 0.00	20.01 1.16 0.00	20.47 1.32 0.00	22.07 1.76 0.00	24.01 2.19 0.00	39.05 4.01 0.00	34.35 3.49 0.00	31.74 3.21 0.00	24.41 2.32 0.00	23.35 2.13 0.00
MENANDS__115KV_TB5 355628	18.09 0.30 0.00	17.36 0.29 0.00	18.36 0.25 0.00	17.90 0.27 0.00	17.33 0.22 0.00	20.04 0.20 0.00	27.08 0.12 0.00	30.28 0.22 0.00	32.25 0.36 0.00	32.85 0.25 0.00	31.00 0.36 0.00	28.20 0.34 0.00	22.78 0.22 0.00	20.25 0.20 0.00	20.31 0.18 0.00	19.02 0.16 0.00	19.40 0.25 0.00	20.46 0.16 0.00	21.93 0.11 0.00	35.26 0.22 0.00	30.96 0.09 0.00	28.61 0.08 0.00	22.20 0.11 0.00	21.47 0.24 0.00
MG INDUSTRY___DRP 24185	18.13 0.34 0.00	17.45 0.37 0.00	18.44 0.33 0.00	17.98 0.34 0.00	17.41 0.30 0.00	20.16 0.31 0.00	27.25 0.29 0.00	30.42 0.36 0.00	32.35 0.46 0.00	33.00 0.40 0.00	31.07 0.43 0.00	28.26 0.40 0.00	22.85 0.29 0.00	20.30 0.24 0.00	20.35 0.22 0.00	19.07 0.22 0.00	19.43 0.29 0.00	20.54 0.23 0.00	22.03 0.21 0.00	35.44 0.40 0.00	31.11 0.24 0.00	28.73 0.21 0.00	22.29 0.20 0.00	21.52 0.29 0.00
MID___OSWEGATCHIE_HYD 23849	17.51 -0.28 0.00	16.83 -0.25 0.00	17.96 -0.15 0.00	17.56 -0.08 0.00	17.10 -0.01 0.00	19.92 0.07 0.00	27.13 0.17 0.00	30.19 0.14 0.00	31.82 -0.06 0.00	32.47 -0.13 0.00	30.35 -0.29 0.00	27.37 -0.49 0.00	22.04 -0.52 0.00	19.46 -0.59 0.00	19.47 -0.67 0.00	18.22 -0.63 0.00	18.51 -0.64 0.00	19.79 -0.51 0.00	21.47 -0.36 0.00	34.73 -0.31 0.00	30.73 -0.14 0.00	28.38 -0.15 0.00	21.82 -0.27 0.00	20.99 -0.24 0.00

MID___RAQUETTE_HYD 23851	17.47 -0.31 0.00	16.78 -0.29 0.00	17.90 -0.22 0.00	17.43 -0.20 0.00	16.96 -0.15 0.00	19.76 -0.09 0.00	26.90 -0.06 0.00	29.80 -0.26 0.00	31.40 -0.49 0.00	32.12 -0.48 0.00	30.11 -0.54 0.00	27.21 -0.65 0.00	21.98 -0.58 0.00	19.47 -0.58 0.00	19.53 -0.60 0.00	18.27 -0.58 0.00	18.56 -0.59 0.00	19.87 -0.44 0.00	21.50 -0.33 0.00	34.60 -0.44 0.00	30.69 -0.17 0.00	28.38 -0.14 0.00	21.86 -0.23 0.00	20.84 -0.38 0.00
MILLIKEN___1 23584	17.94 0.15 0.00	17.21 0.13 0.00	18.25 0.14 0.00	17.77 0.13 0.00	17.26 0.15 0.00	20.09 0.24 0.00	27.40 0.44 0.00	30.55 0.50 0.00	31.94 0.05 0.00	32.66 0.06 0.00	30.60 -0.04 0.00	27.77 -0.09 0.00	22.40 -0.16 0.00	19.80 -0.25 0.00	19.86 -0.27 0.00	18.57 -0.28 0.00	18.85 -0.30 0.00	20.12 -0.19 0.00	21.81 -0.01 0.00	35.15 0.10 0.00	30.87 0.00 0.00	28.50 -0.03 0.00	22.09 0.00 0.00	21.23 0.00 0.00
MILLIKEN___2 23585	17.94 0.15 0.00	17.21 0.13 0.00	18.25 0.14 0.00	17.77 0.13 0.00	17.26 0.15 0.00	20.09 0.24 0.00	27.40 0.44 0.00	30.55 0.50 0.00	31.94 0.05 0.00	32.66 0.06 0.00	30.60 -0.04 0.00	27.77 -0.09 0.00	22.40 -0.16 0.00	19.80 -0.25 0.00	19.86 -0.27 0.00	18.57 -0.28 0.00	18.85 -0.30 0.00	20.12 -0.19 0.00	21.81 -0.01 0.00	35.15 0.10 0.00	30.87 0.00 0.00	28.50 -0.03 0.00	22.09 0.00 0.00	21.23 0.00 0.00
MILLIKEN___DIESEL 23629	17.94 0.15 0.00	17.21 0.13 0.00	18.25 0.14 0.00	17.77 0.13 0.00	17.26 0.15 0.00	20.09 0.24 0.00	27.40 0.44 0.00	30.55 0.50 0.00	31.94 0.05 0.00	32.66 0.06 0.00	30.60 -0.04 0.00	27.77 -0.09 0.00	22.40 -0.16 0.00	19.80 -0.25 0.00	19.86 -0.27 0.00	18.57 -0.28 0.00	18.85 -0.30 0.00	20.12 -0.19 0.00	21.81 -0.01 0.00	35.15 0.10 0.00	30.87 0.00 0.00	28.50 -0.03 0.00	22.09 0.00 0.00	21.23 0.00 0.00
MILLSEAT___LFGE 323607	17.84 0.05 0.00	17.13 0.06 0.00	18.20 0.09 0.00	17.70 0.06 0.00	17.29 0.17 0.00	20.26 0.42 0.00	27.68 0.72 0.00	30.75 0.70 0.00	32.36 0.48 0.00	32.72 0.12 0.00	30.24 -0.40 0.00	27.49 -0.37 0.00	22.28 -0.28 0.00	19.70 -0.35 0.00	19.83 -0.31 0.00	18.62 -0.24 0.00	19.11 -0.03 0.00	20.33 0.02 0.00	22.09 0.27 0.00	35.36 0.32 0.00	30.73 -0.14 0.00	28.65 0.13 0.00	22.40 0.32 0.00	21.47 0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.24 0.45 0.00	17.48 0.40 0.00	18.44 0.33 0.00	17.97 0.33 0.00	17.43 0.32 0.00	20.12 0.28 0.00	27.36 0.40 0.00	30.69 0.63 0.00	32.91 1.02 0.00	33.77 1.18 0.00	31.81 1.17 0.00	29.04 1.18 0.00	23.59 1.03 0.00	21.03 0.98 0.00	21.16 1.02 0.00	19.81 0.95 0.00	20.02 0.87 0.00	21.15 0.84 0.00	22.66 0.83 0.00	36.56 1.51 0.00	31.97 1.10 0.00	29.42 0.89 0.00	22.81 0.72 0.00	21.92 0.69 0.00
MILLWOOD_13_KV_LOAD 356217	18.28 0.49 0.00	17.51 0.43 0.00	18.49 0.37 0.00	18.01 0.37 0.00	17.47 0.36 0.00	20.16 0.33 0.00	27.43 0.47 0.00	30.77 0.72 0.00	33.00 1.11 0.00	33.87 1.27 0.00	31.90 1.26 0.00	29.12 1.26 0.00	23.66 1.10 0.00	21.09 1.04 0.00	21.22 1.08 0.00	19.86 1.01 0.00	20.07 0.93 0.00	21.21 0.90 0.00	22.73 0.90 0.00	36.66 1.62 0.00	32.06 1.20 0.00	29.50 0.97 0.00	22.87 0.78 0.00	21.97 0.75 0.00
MODEL_CITY_ENERGY 24167	17.46 -0.33 0.00	16.79 -0.28 0.00	17.83 -0.28 0.00	17.33 -0.30 0.00	16.93 -0.18 0.00	19.81 -0.03 0.00	27.01 0.05 0.00	29.94 -0.12 0.00	31.46 -0.43 0.00	31.75 -0.85 0.00	29.42 -1.22 0.00	26.96 -0.91 0.00	21.90 -0.66 0.00	19.38 -0.68 0.00	19.52 -0.61 0.00	18.36 -0.49 0.00	18.86 -0.29 0.00	20.00 -0.30 0.00	21.62 -0.20 0.00	34.44 -0.60 0.00	29.88 -0.99 0.00	27.93 -0.60 0.00	21.93 -0.16 0.00	21.03 -0.19 0.00
MODERN_LFGE___ 323580	17.46 -0.33 0.00	16.79 -0.28 0.00	17.83 -0.28 0.00	17.33 -0.30 0.00	16.93 -0.18 0.00	19.81 -0.03 0.00	27.01 0.05 0.00	29.94 -0.12 0.00	31.46 -0.43 0.00	31.75 -0.85 0.00	29.42 -1.22 0.00	26.96 -0.91 0.00	21.90 -0.66 0.00	19.38 -0.68 0.00	19.52 -0.61 0.00	18.36 -0.49 0.00	18.86 -0.29 0.00	20.00 -0.30 0.00	21.62 -0.20 0.00	34.44 -0.60 0.00	29.88 -0.99 0.00	27.93 -0.60 0.00	21.93 -0.16 0.00	21.03 -0.19 0.00
MOHAWK_PAPER___DRP 24187	18.14 0.35 0.00	17.41 0.34 0.00	18.41 0.30 0.00	17.96 0.32 0.00	17.38 0.27 0.00	20.12 0.27 0.00	27.20 0.24 0.00	30.42 0.36 0.00	32.39 0.50 0.00	33.01 0.42 0.00	31.15 0.51 0.00	28.34 0.47 0.00	22.90 0.33 0.00	20.33 0.28 0.00	20.41 0.27 0.00	19.10 0.24 0.00	19.46 0.32 0.00	20.56 0.25 0.00	22.05 0.23 0.00	35.50 0.45 0.00	31.16 0.29 0.00	28.78 0.26 0.00	22.32 0.23 0.00	21.56 0.34 0.00
MOHICAN___35_KV_115KV_LD 80490	18.27 0.49 0.00	17.49 0.42 0.00	18.60 0.49 0.00	18.12 0.49 0.00	17.62 0.51 0.00	20.41 0.57 0.00	27.70 0.74 0.00	30.99 0.93 0.00	32.89 1.01 0.00	33.52 0.92 0.00	31.68 1.04 0.00	28.78 0.91 0.00	23.15 0.59 0.00	20.54 0.49 0.00	20.56 0.42 0.00	19.22 0.36 0.00	19.55 0.40 0.00	20.95 0.64 0.00	22.51 0.69 0.00	36.47 1.43 0.00	32.05 1.19 0.00	29.57 1.04 0.00	22.74 0.65 0.00	21.91 0.69 0.00
MONGAUP___HYD 23641	18.18 0.39 0.00	17.41 0.34 0.00	18.40 0.29 0.00	17.92 0.28 0.00	17.38 0.27 0.00	20.09 0.25 0.00	27.16 0.20 0.00	30.46 0.40 0.00	32.58 0.70 0.00	33.31 0.71 0.00	31.30 0.66 0.00	28.77 0.91 0.00	23.30 0.74 0.00	20.77 0.72 0.00	20.84 0.71 0.00	19.47 0.62 0.00	19.58 0.43 0.00	20.72 0.41 0.00	22.25 0.43 0.00	35.98 0.93 0.00	31.50 0.64 0.00	29.00 0.48 0.00	22.49 0.41 0.00	21.90 0.67 0.00
MONTAUK___DIESEL 23721	18.99 1.19 0.00	18.22 1.14 0.00	19.20 1.09 0.00	18.68 1.04 0.00	18.13 1.02 0.00	21.02 1.18 0.00	28.40 1.44 0.00	31.58 1.52 0.00	34.09 2.21 0.00	35.26 2.67 0.00	33.16 2.48 -0.03	30.39 2.46 -0.07	25.18 2.18 -0.44	22.25 1.81 -0.38	22.77 1.90 -0.74	20.57 1.72 0.00	20.34 1.19 0.00	22.05 1.74 0.00	23.74 1.91 0.00	39.49 3.82 -0.63	33.80 2.93 0.00	30.98 2.45 0.00	24.04 1.95 0.00	22.96 1.74 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.35 0.56 0.00	17.61 0.53 0.00	18.62 0.51 0.00	18.15 0.51 0.00	17.66 0.55 0.00	20.66 0.81 0.00	28.39 1.43 0.00	31.79 1.73 0.00	33.58 1.69 0.00	34.10 1.50 0.00	31.54 0.90 0.00	28.91 1.04 0.00	23.39 0.82 0.00	20.67 0.61 0.00	20.80 0.66 0.00	19.57 0.71 0.00	19.89 0.74 0.00	20.97 0.66 0.00	22.74 0.92 0.00	36.48 1.43 0.00	31.22 0.36 0.00	28.91 0.39 0.00	22.42 0.33 0.00	21.66 0.44 0.00
MORTIMER_115KV_TB3 55949	17.63 -0.16 0.00	16.94 -0.13 0.00	17.98 -0.13 0.00	17.49 -0.15 0.00	17.05 -0.06 0.00	19.90 0.06 0.00	27.16 0.20 0.00	30.25 0.19 0.00	31.86 -0.03 0.00	32.33 -0.27 0.00	30.06 -0.58 0.00	27.30 -0.57 0.00	22.07 -0.49 0.00	19.56 -0.49 0.00	19.68 -0.45 0.00	18.48 -0.37 0.00	18.89 -0.26 0.00	20.09 -0.22 0.00	21.72 -0.10 0.00	34.85 -0.19 0.00	30.44 -0.43 0.00	28.27 -0.27 0.00	22.00 -0.09 0.00	21.11 -0.11 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.31 0.52 0.00	17.53 0.46 0.00	18.49 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.16 0.32 0.00	27.41 0.45 0.00	30.79 0.73 0.00	33.10 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.79 1.23 0.00	21.22 1.16 0.00	21.36 1.22 0.00	20.01 1.16 0.00	20.21 1.06 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.79 1.74 0.00	32.14 1.28 0.00	29.56 1.03 0.00	22.94 0.85 0.00	22.01 0.78 0.00
MUNSVILLE_WIND_PWR 323609	19.16 1.37 0.00	18.33 1.25 0.00	19.49 1.38 0.00	18.99 1.35 0.00	18.49 1.38 0.00	21.52 1.67 0.00	29.40 2.44 0.00	32.59 2.54 0.00	34.18 2.30 0.00	35.25 2.66 0.00	33.08 2.44 0.00	30.08 2.21 0.00	24.27 1.71 0.00	21.43 1.37 0.00	21.64 1.50 0.00	20.13 1.28 0.00	20.29 1.14 0.00	21.72 1.42 0.00	23.67 1.84 0.00	38.29 3.24 0.00	33.45 2.58 0.00	30.84 2.31 0.00	23.86 1.78 0.00	22.83 1.61 0.00
N SALMON___HYD 24042	18.08 0.29 0.00	17.34 0.26 0.00	18.56 0.44 0.00	18.08 0.45 0.00	17.59 0.48 0.00	20.50 0.66 0.00	27.92 0.96 0.00	30.95 0.89 0.00	32.77 0.88 0.00	33.65 1.05 0.00	31.55 0.91 0.00	28.39 0.52 0.00	22.79 0.22 0.00	20.14 0.09 0.00	20.24 0.10 0.00	18.91 0.06 0.00	19.10 -0.05 0.00	20.65 0.34 0.00	22.53 0.71 0.00	36.41 1.37 0.00	32.17 1.31 0.00	29.70 1.17 0.00	22.86 0.77 0.00	21.76 0.54 0.00
N.AKRON___115KV_KNAPP 355671	17.85 0.06 0.00	17.14 0.07 0.00	18.21 0.10 0.00	17.70 0.06 0.00	17.30 0.18 0.00	20.26 0.42 0.00	27.68 0.72 0.00	30.75 0.69 0.00	32.36 0.48 0.00	32.72 0.12 0.00	30.24 -0.40 0.00	27.52 -0.34 0.00	22.31 -0.25 0.00	19.73 -0.33 0.00	19.85 -0.29 0.00	18.67 -0.19 0.00	19.10 -0.04 0.00	20.36 0.05 0.00	22.11 0.28 0.00	35.39 0.34 0.00	30.74 -0.13 0.00	28.66 0.14 0.00	22.42 0.33 0.00	21.49 0.26 0.00
N.BELMOR_69_KV_BK1 55787	18.38 0.60 0.00	17.61 0.53 0.00	18.56 0.44 0.00	18.06 0.43 0.00	17.54 0.43 0.00	20.27 0.42 0.00	27.44 0.48 0.00	30.64 0.58 0.00	33.02 1.14 0.00	34.10 1.50 0.00	32.31 1.48 -0.19	29.88 1.60 -0.42	26.52 1.48 -2.47	24.52 1.28 -3.18	25.61 1.36 -4.12	20.04 1.18 0.00	20.07 0.92 0.00	21.39 1.09 0.00	22.97 1.15 0.00	38.01 2.21 -0.75	32.47 1.60 0.00	29.82 1.29 0.00	23.13 1.05 0.00	22.15 0.93 0.00
N.E_GEN_SANDY PD 24062	18.10 0.31 0.00	17.37 0.29 0.00	18.39 0.28 0.00	17.93 0.29 0.00	17.35 0.24 0.00	20.05 0.19 -0.02	28.12 0.12 -1.04	30.30 0.25 0.00	32.31 0.43 0.00	32.44 0.38 0.54	31.17 0.53 0.00	28.38 0.52 0.00	23.04 0.46 -0.02	20.55 0.49 0.00	20.62 0.49 0.00	19.27 0.42 0.00	19.55 0.40 0.00	20.33 0.32 0.30	21.79 0.27 0.31	36.44 0.66 -0.73	31.33 0.46 0.00	29.11 0.39 -0.19	22.39 0.31 0.00	21.60 0.37 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.24 0.45 0.00	17.48 0.40 0.00	18.44 0.32 0.00	17.96 0.32 0.00	17.42 0.31 0.00	20.12 0.27 0.00	27.40 0.44 0.00	30.74 0.68 0.00	32.95 1.06 0.00	33.83 1.23 0.00	31.85 1.21 0.00	29.07 1.21 0.00	23.61 1.05 0.00	21.05 0.99 0.00	21.17 1.03 0.00	19.82 0.97 0.00	20.04 0.89 0.00	21.17 0.86 0.00	22.67 0.85 0.00	36.62 1.58 0.00	32.02 1.15 0.00	29.45 0.93 0.00	22.85 0.76 0.00	21.96 0.74 0.00
N.QUEENS_27_KV_LOAD 356247	18.37 0.58 0.00	17.59 0.52 0.00	18.53 0.42 0.00	18.08 0.44 0.00	17.52 0.41 0.00	20.18 0.34 0.00	27.46 0.50 0.00	30.89 0.84 0.00	33.23 1.34 0.00	34.11 1.51 0.00	32.12 1.48 0.00	29.35 1.48 0.00	23.89 1.33 0.00	21.27 1.22 0.00	21.40 1.27 0.00	20.13 1.28 0.00	20.23 1.08 0.00	21.37 1.07 0.00	22.89 1.07 0.00	36.85 1.81 0.00	32.24 1.38 0.00	29.67 1.15 0.00	23.02 0.93 0.00	22.06 0.83 0.00
N.TROY___115KV_TB1 355778	18.13 0.34 0.00	17.40 0.32 0.00	18.45 0.33 0.00	17.98 0.35 0.00	17.39 0.28 0.00	20.13 0.29 0.00	27.24 0.28 0.00	30.45 0.39 0.00	32.39 0.51 0.00	33.02 0.42 0.00	31.17 0.53 0.00	28.35 0.49 0.00	22.92 0.36 0.00	20.38 0.33 0.00	20.45 0.32 0.00	19.12 0.26 0.00	19.47 0.32 0.00	20.59 0.29 0.00	22.09 0.27 0.00	35.67 0.63 0.00	31.32 0.45 0.00	28.94 0.41 0.00	22.39 0.30 0.00	21.62 0.40 0.00
NARROWS_GT1_1 24228	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT1_2 24229	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT1_3 24230	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT1_4 24231	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT1_5 24232	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT1_6 24233	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00

NARROWS_GT1_7 24234	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT1_8 24235	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_1 24236	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_2 24237	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_3 24238	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_4 24239	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_5 24240	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_6 24241	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_7 24242	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NARROWS_GT2_8 24243	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.47 0.67 0.00	17.73 0.66 0.00	18.77 0.66 0.00	18.31 0.68 0.00	17.75 0.64 0.00	20.58 0.74 0.00	27.80 0.84 0.00	30.95 0.90 0.00	32.87 0.98 0.00	33.50 0.90 0.00	31.51 0.87 0.00	28.78 0.92 0.00	23.18 0.62 0.00	20.49 0.43 0.00	20.34 0.20 0.00	19.27 0.42 0.00	19.69 0.55 0.00	20.80 0.49 0.00	22.37 0.54 0.00	36.10 1.06 0.00	31.70 0.83 0.00	29.28 0.75 0.00	22.68 0.59 0.00	21.90 0.67 0.00
NCHELSEA_115KV_TR2 355582	18.46 0.66 0.00	17.68 0.61 0.00	18.68 0.57 0.00	18.20 0.57 0.00	17.66 0.55 0.00	20.42 0.58 0.00	27.79 0.83 0.00	31.19 1.13 0.00	33.42 1.53 0.00	34.27 1.67 0.00	32.28 1.63 0.00	29.43 1.57 0.00	23.89 1.33 0.00	21.31 1.26 0.00	21.36 1.22 0.00	20.03 1.17 0.00	20.27 1.13 0.00	21.42 1.12 0.00	22.98 1.16 0.00	37.11 2.06 0.00	32.46 1.60 0.00	29.86 1.33 0.00	23.12 1.03 0.00	22.19 0.97 0.00
NEG CAPITAL___MECHNVIL 23645	18.29 0.50 0.00	17.52 0.44 0.00	18.60 0.49 0.00	18.12 0.49 0.00	17.57 0.46 0.00	20.37 0.52 0.00	27.64 0.68 0.00	30.90 0.85 0.00	32.85 0.97 0.00	33.52 0.92 0.00	31.62 0.97 0.00	28.74 0.88 0.00	23.18 0.61 0.00	20.58 0.52 0.00	20.64 0.51 0.00	19.30 0.45 0.00	19.63 0.49 0.00	20.89 0.58 0.00	22.45 0.63 0.00	36.28 1.23 0.00	31.84 0.97 0.00	29.38 0.85 0.00	22.69 0.60 0.00	21.87 0.65 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.27 -0.52 0.00	16.58 -0.50 0.00	17.60 -0.52 0.00	17.13 -0.51 0.00	16.68 -0.43 0.00	19.46 -0.38 0.00	26.58 -0.38 0.00	29.60 -0.45 0.00	31.20 -0.69 0.00	31.70 -0.89 0.00	29.55 -1.09 0.00	26.81 -1.06 0.00	21.66 -0.91 0.00	19.19 -0.86 0.00	19.30 -0.83 0.00	18.11 -0.74 0.00	18.52 -0.63 0.00	19.70 -0.60 0.00	21.32 -0.51 0.00	34.20 -0.85 0.00	29.90 -0.96 0.00	27.71 -0.81 0.00	21.54 -0.55 0.00	20.66 -0.56 0.00
NEG CENTRAL___DRP 24199	17.74 -0.05 0.00	17.01 -0.06 0.00	18.05 -0.07 0.00	17.57 -0.07 0.00	17.07 -0.04 0.00	19.88 0.04 0.00	27.20 0.24 0.00	30.36 0.31 0.00	32.14 0.25 0.00	32.83 0.23 0.00	30.73 0.08 0.00	27.86 -0.01 0.00	22.42 -0.14 0.00	19.85 -0.20 0.00	19.93 -0.20 0.00	18.70 -0.15 0.00	18.97 -0.18 0.00	20.18 -0.12 0.00	21.87 0.05 0.00	35.18 0.14 0.00	30.77 -0.10 0.00	28.48 -0.05 0.00	22.09 0.00 0.00	21.20 -0.03 0.00

NEG CENTRAL___INDECK 23768	18.41 0.62 0.00	17.65 0.58 0.00	18.72 0.60 0.00	18.21 0.57 0.00	17.71 0.60 0.00	20.63 0.78 0.00	28.36 1.40 0.00	31.64 1.58 0.00	33.69 1.80 0.00	34.49 1.89 0.00	31.96 1.32 0.00	28.69 0.83 0.00	23.03 0.47 0.00	20.40 0.34 0.00	20.48 0.35 0.00	19.21 0.35 0.00	19.58 0.43 0.00	20.71 0.40 0.00	22.60 0.78 0.00	36.71 1.66 0.00	32.05 1.19 0.00	29.64 1.11 0.00	22.98 0.89 0.00	21.92 0.70 0.00
NEG CENTRAL___SENECA 23627	17.82 0.03 0.00	17.09 0.02 0.00	18.13 0.02 0.00	17.65 0.01 0.00	17.15 0.04 0.00	20.00 0.15 0.00	27.41 0.45 0.00	30.61 0.56 0.00	32.54 0.65 0.00	33.21 0.62 0.00	31.06 0.41 0.00	28.16 0.29 0.00	22.62 0.06 0.00	20.02 -0.04 0.00	20.12 -0.02 0.00	18.86 0.01 0.00	19.12 -0.03 0.00	20.34 0.03 0.00	22.07 0.25 0.00	35.50 0.46 0.00	30.97 0.11 0.00	28.73 0.20 0.00	22.26 0.17 0.00	21.34 0.11 0.00
NEG CENTRAL___STATE_STREET 24147	17.75 -0.04 0.00	17.03 -0.05 0.00	18.06 -0.05 0.00	17.59 -0.04 0.00	17.10 -0.01 0.00	19.88 0.04 0.00	27.12 0.16 0.00	30.25 0.20 0.00	31.85 -0.04 0.00	32.57 -0.02 0.00	30.52 -0.12 0.00	27.69 -0.18 0.00	22.34 -0.22 0.00	19.77 -0.29 0.00	19.82 -0.31 0.00	18.62 -0.23 0.00	18.88 -0.26 0.00	20.15 -0.16 0.00	21.80 -0.03 0.00	35.03 -0.01 0.00	30.73 -0.14 0.00	28.35 -0.18 0.00	22.01 -0.08 0.00	21.16 -0.06 0.00
NEG MILLWOOD___DRP 24198	18.45 0.66 0.00	17.68 0.60 0.00	18.67 0.56 0.00	18.19 0.55 0.00	17.66 0.55 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.11 0.00	33.40 1.51 0.00	34.26 1.66 0.00	32.27 1.63 0.00	29.44 1.58 0.00	23.91 1.35 0.00	21.32 1.26 0.00	21.39 1.26 0.00	20.04 1.19 0.00	20.27 1.13 0.00	21.43 1.13 0.00	22.98 1.16 0.00	37.10 2.06 0.00	32.46 1.59 0.00	29.84 1.32 0.00	23.11 1.02 0.00	22.18 0.95 0.00
NEG NORTH_FLCN_SEA 23793	18.28 0.49 0.00	17.49 0.42 0.00	18.73 0.62 0.00	18.27 0.64 0.00	17.73 0.62 0.00	20.57 0.73 0.00	27.98 1.02 0.00	31.32 1.26 0.00	33.26 1.37 0.00	34.41 1.82 0.00	32.38 1.74 0.00	29.01 1.15 0.00	23.16 0.60 0.00	20.48 0.43 0.00	20.53 0.39 0.00	19.13 0.28 0.00	19.16 0.02 0.00	20.88 0.57 0.00	23.08 1.26 0.00	37.61 2.56 0.00	33.04 2.18 0.00	30.53 2.00 0.00	23.49 1.40 0.00	22.44 1.22 0.00
NEG NORTH_KES_CHATEGAY 23792	18.07 0.28 0.00	17.31 0.24 0.00	18.54 0.42 0.00	18.07 0.43 0.00	17.56 0.45 0.00	20.46 0.62 0.00	27.85 0.89 0.00	30.86 0.80 0.00	32.71 0.82 0.00	33.62 1.03 0.00	31.56 0.92 0.00	28.39 0.53 0.00	22.78 0.22 0.00	20.15 0.10 0.00	20.24 0.10 0.00	18.91 0.05 0.00	19.05 -0.10 0.00	20.62 0.31 0.00	22.57 0.74 0.00	36.51 1.46 0.00	32.22 1.35 0.00	29.75 1.22 0.00	22.92 0.83 0.00	21.82 0.60 0.00
NEG NORTH___ALICE_FALLS 23915	18.34 0.55 0.00	17.56 0.48 0.00	18.80 0.69 0.00	18.33 0.70 0.00	17.81 0.70 0.00	20.69 0.85 0.00	28.12 1.16 0.00	31.41 1.36 0.00	33.39 1.50 0.00	34.51 1.91 0.00	32.50 1.85 0.00	29.15 1.29 0.00	23.26 0.70 0.00	20.51 0.45 0.00	20.56 0.42 0.00	19.16 0.31 0.00	19.21 0.06 0.00	20.94 0.63 0.00	23.10 1.28 0.00	37.59 2.55 0.00	33.06 2.19 0.00	30.52 1.99 0.00	23.48 1.39 0.00	22.40 1.18 0.00
NEG NORTH___LWR_SARANAC 23913	18.34 0.55 0.00	17.56 0.48 0.00	18.80 0.69 0.00	18.33 0.70 0.00	17.81 0.70 0.00	20.69 0.85 0.00	28.12 1.16 0.00	31.41 1.36 0.00	33.39 1.50 0.00	34.51 1.91 0.00	32.50 1.85 0.00	29.15 1.29 0.00	23.26 0.70 0.00	20.51 0.45 0.00	20.56 0.42 0.00	19.16 0.31 0.00	19.21 0.06 0.00	20.94 0.63 0.00	23.10 1.28 0.00	37.59 2.55 0.00	33.06 2.19 0.00	30.52 1.99 0.00	23.48 1.39 0.00	22.40 1.18 0.00
NEG NORTH___PLATTSBURG 23628	18.34 0.55 0.00	17.56 0.48 0.00	18.80 0.69 0.00	18.34 0.70 0.00	17.81 0.70 0.00	20.69 0.85 0.00	28.12 1.16 0.00	31.41 1.36 0.00	33.39 1.51 0.00	34.51 1.91 0.00	32.50 1.85 0.00	29.15 1.29 0.00	23.26 0.70 0.00	20.51 0.45 0.00	20.56 0.42 0.00	19.16 0.31 0.00	19.21 0.06 0.00	20.94 0.63 0.00	23.10 1.28 0.00	37.59 2.55 0.00	33.06 2.19 0.00	30.52 1.99 0.00	23.48 1.39 0.00	22.40 1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	17.61 -0.18 0.00	16.93 -0.14 0.00	17.99 -0.12 0.00	17.48 -0.16 0.00	17.07 -0.03 0.00	19.98 0.14 0.00	27.25 0.29 0.00	30.21 0.16 0.00	31.77 -0.12 0.00	32.07 -0.53 0.00	29.69 -0.95 0.00	27.15 -0.71 0.00	22.04 -0.52 0.00	19.51 -0.55 0.00	19.66 -0.48 0.00	18.51 -0.34 0.00	18.94 -0.21 0.00	20.13 -0.17 0.00	21.78 -0.05 0.00	34.75 -0.29 0.00	30.16 -0.71 0.00	28.17 -0.35 0.00	22.07 -0.02 0.00	21.16 -0.06 0.00
NEG WEST___LANCASTR 23811	18.14 0.35 0.00	17.44 0.37 0.00	18.52 0.41 0.00	18.00 0.37 0.00	17.56 0.44 0.00	20.53 0.69 0.00	28.04 1.08 0.00	31.09 1.03 0.00	32.86 0.97 0.00	33.34 0.74 0.00	30.90 0.26 0.00	28.19 0.33 0.00	22.84 0.28 0.00	20.23 0.18 0.00	20.39 0.25 0.00	19.18 0.33 0.00	19.57 0.42 0.00	20.77 0.45 0.00	22.42 0.60 0.00	35.96 0.91 0.00	31.12 0.26 0.00	29.03 0.50 0.00	22.65 0.56 0.00	21.79 0.57 0.00
NEG_PENN_ALLEGHNY 23528	17.81 0.02 0.00	17.08 0.00 0.00	18.10 -0.01 0.00	17.62 -0.01 0.00	17.11 0.00 0.00	19.89 0.05 0.00	27.12 0.16 0.00	30.34 0.28 0.00	32.66 0.77 0.00	33.55 0.95 0.00	31.28 0.63 0.00	28.54 0.68 0.00	23.12 0.56 0.00	20.51 0.45 0.00	20.68 0.55 0.00	19.42 0.56 0.00	19.63 0.48 0.00	20.75 0.44 0.00	22.35 0.52 0.00	36.02 0.98 0.00	31.28 0.41 0.00	28.99 0.46 0.00	22.46 0.38 0.00	21.61 0.38 0.00
NEG___GEN_MONROE 24207	17.77 -0.02 0.00	17.07 0.00 0.00	18.12 0.01 0.00	17.63 -0.01 0.00	17.20 0.09 0.00	20.10 0.25 0.00	27.53 0.57 0.00	30.65 0.60 0.00	32.32 0.43 0.00	32.70 0.10 0.00	30.30 -0.34 0.00	27.47 -0.40 0.00	22.21 -0.36 0.00	19.67 -0.38 0.00	19.79 -0.35 0.00	18.58 -0.28 0.00	19.00 -0.15 0.00	20.22 -0.08 0.00	21.92 0.09 0.00	35.18 0.13 0.00	30.70 -0.17 0.00	28.52 -0.01 0.00	22.21 0.12 0.00	21.31 0.08 0.00
NEPA___ENERGY 23901	17.83 0.04 0.00	17.11 0.03 0.00	18.14 0.02 0.00	17.65 0.01 0.00	17.18 0.07 0.00	20.12 0.27 0.00	27.55 0.59 0.00	30.74 0.69 0.00	32.60 0.72 0.00	33.31 0.71 0.00	30.71 0.07 0.00	28.08 0.22 0.00	22.73 0.17 0.00	20.15 0.09 0.00	20.31 0.18 0.00	19.13 0.28 0.00	19.40 0.26 0.00	20.52 0.22 0.00	22.20 0.37 0.00	35.69 0.65 0.00	30.69 -0.17 0.00	28.62 0.09 0.00	22.27 0.18 0.00	21.48 0.25 0.00
NEVERSINK___HYD 23608	18.27 0.48 0.00	17.50 0.43 0.00	18.49 0.38 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.23 0.38 0.00	27.56 0.60 0.00	30.97 0.91 0.00	33.21 1.33 0.00	34.16 1.57 0.00	32.18 1.54 0.00	29.33 1.47 0.00	23.82 1.26 0.00	21.27 1.22 0.00	21.19 1.06 0.00	19.90 1.05 0.00	20.11 0.97 0.00	21.33 1.02 0.00	22.90 1.08 0.00	36.99 1.94 0.00	32.37 1.50 0.00	29.77 1.25 0.00	23.03 0.94 0.00	22.07 0.85 0.00

NEWKRMKL_115KV_TB1 55635	18.09 0.30 0.00	17.35 0.28 0.00	18.34 0.23 0.00	17.89 0.25 0.00	17.32 0.21 0.00	20.04 0.19 0.00	27.07 0.11 0.00	30.27 0.21 0.00	32.23 0.35 0.00	32.82 0.22 0.00	30.96 0.31 0.00	28.16 0.30 0.00	22.73 0.17 0.00	20.18 0.12 0.00	20.24 0.11 0.00	18.95 0.10 0.00	19.36 0.21 0.00	20.43 0.12 0.00	21.89 0.06 0.00	35.13 0.09 0.00	30.83 -0.04 0.00	28.50 -0.04 0.00	22.13 0.04 0.00	21.41 0.18 0.00
NEWTON___FALLS_HYD 23847	17.51 -0.28 0.00	16.83 -0.25 0.00	17.96 -0.15 0.00	17.56 -0.08 0.00	17.10 -0.01 0.00	19.92 0.07 0.00	27.13 0.17 0.00	30.19 0.14 0.00	31.82 -0.06 0.00	32.47 -0.13 0.00	30.35 -0.29 0.00	27.37 -0.49 0.00	22.04 -0.52 0.00	19.46 -0.59 0.00	19.47 -0.67 0.00	18.22 -0.63 0.00	18.51 -0.64 0.00	19.79 -0.51 0.00	21.47 -0.36 0.00	34.73 -0.31 0.00	30.73 -0.14 0.00	28.38 -0.15 0.00	21.82 -0.27 0.00	20.99 -0.24 0.00
NGRID_A1_DSASP 323792	17.23 -0.55 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.32 0.00	29.49 -0.56 0.00	30.97 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.50 -1.37 0.00	21.53 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.05 -0.80 0.00	18.55 -0.60 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.46 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.74 -0.48 0.00
NGRID_A2_DSASP 323793	17.23 -0.55 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.32 0.00	29.49 -0.56 0.00	30.97 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.50 -1.37 0.00	21.53 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.05 -0.80 0.00	18.55 -0.60 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.46 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.74 -0.48 0.00
NGRID_A4_DSASP 323807	17.23 -0.55 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.32 0.00	29.49 -0.56 0.00	30.97 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.50 -1.37 0.00	21.53 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.05 -0.80 0.00	18.55 -0.60 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.46 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.74 -0.48 0.00
NIAGARA_115E_LBMP 323715	17.38 -0.41 0.00	16.72 -0.36 0.00	17.75 -0.36 0.00	17.25 -0.39 0.00	16.85 -0.26 0.00	19.72 -0.12 0.00	26.88 -0.08 0.00	29.77 -0.29 0.00	31.28 -0.61 0.00	31.56 -1.04 0.00	29.25 -1.39 0.00	26.84 -1.02 0.00	21.81 -0.75 0.00	19.30 -0.75 0.00	19.45 -0.68 0.00	18.30 -0.56 0.00	18.79 -0.36 0.00	19.93 -0.38 0.00	21.53 -0.29 0.00	34.25 -0.79 0.00	29.71 -1.16 0.00	27.79 -0.74 0.00	21.83 -0.26 0.00	20.94 -0.28 0.00
NIAGARA_115W_LBMP 323714	17.19 -0.60 0.00	16.54 -0.54 0.00	17.57 -0.54 0.00	17.07 -0.57 0.00	16.68 -0.43 0.00	19.51 -0.33 0.00	26.57 -0.39 0.00	29.41 -0.64 0.00	30.88 -1.01 0.00	31.16 -1.44 0.00	28.91 -1.74 0.00	26.43 -1.44 0.00	21.47 -1.09 0.00	19.00 -1.05 0.00	19.15 -0.98 0.00	18.01 -0.85 0.00	18.50 -0.65 0.00	19.61 -0.70 0.00	21.16 -0.66 0.00	33.75 -1.30 0.00	29.33 -1.54 0.00	27.45 -1.08 0.00	21.49 -0.60 0.00	20.70 -0.53 0.00
NIAGARA_230_LBMP 323716	17.40 -0.39 0.00	16.74 -0.33 0.00	17.79 -0.32 0.00	17.29 -0.35 0.00	16.88 -0.24 0.00	19.73 -0.11 0.00	26.89 -0.07 0.00	29.80 -0.25 0.00	31.31 -0.58 0.00	31.60 -0.99 0.00	29.32 -1.32 0.00	26.80 -1.07 0.00	21.75 -0.81 0.00	19.26 -0.79 0.00	19.41 -0.73 0.00	18.25 -0.60 0.00	18.74 -0.41 0.00	19.87 -0.44 0.00	21.44 -0.38 0.00	34.23 -0.81 0.00	29.73 -1.14 0.00	27.80 -0.73 0.00	21.76 -0.33 0.00	20.88 -0.35 0.00
NIAGARA___115KV_198_GIBSON 55903	17.20 -0.60 0.00	16.54 -0.54 0.00	17.57 -0.54 0.00	17.07 -0.57 0.00	16.68 -0.43 0.00	19.51 -0.33 0.00	26.57 -0.39 0.00	29.40 -0.65 0.00	30.88 -1.01 0.00	31.16 -1.44 0.00	28.91 -1.74 0.00	26.43 -1.44 0.00	21.47 -1.09 0.00	19.00 -1.06 0.00	19.15 -0.98 0.00	18.03 -0.82 0.00	18.46 -0.69 0.00	19.61 -0.70 0.00	21.16 -0.66 0.00	33.75 -1.30 0.00	29.34 -1.53 0.00	27.45 -1.08 0.00	21.49 -0.60 0.00	20.70 -0.52 0.00
NIAGARA____ 23760	17.40 -0.39 0.00	16.74 -0.33 0.00	17.79 -0.32 0.00	17.29 -0.35 0.00	16.88 -0.24 0.00	19.73 -0.11 0.00	26.89 -0.07 0.00	29.80 -0.25 0.00	31.31 -0.58 0.00	31.60 -0.99 0.00	29.32 -1.32 0.00	26.80 -1.07 0.00	21.75 -0.81 0.00	19.26 -0.79 0.00	19.41 -0.73 0.00	18.25 -0.60 0.00	18.74 -0.41 0.00	19.87 -0.44 0.00	21.44 -0.38 0.00	34.23 -0.81 0.00	29.73 -1.14 0.00	27.80 -0.73 0.00	21.76 -0.33 0.00	20.88 -0.35 0.00
NINE_MILE_1 23575	17.22 -0.57 0.00	16.53 -0.55 0.00	17.53 -0.58 0.00	17.07 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.15 -0.80 0.00	29.17 -0.89 0.00	30.81 -1.07 0.00	31.45 -1.15 0.00	29.51 -1.14 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.28 -0.77 0.00	19.36 -0.78 0.00	18.14 -0.72 0.00	18.44 -0.70 0.00	19.55 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.20 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.52 -0.70 0.00
NINE_MILE_2 23744	17.22 -0.57 0.00	16.53 -0.55 0.00	17.53 -0.58 0.00	17.07 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.15 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.45 -1.14 0.00	29.51 -1.13 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.28 -0.77 0.00	19.36 -0.78 0.00	18.14 -0.71 0.00	18.44 -0.70 0.00	19.55 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.53 -0.70 0.00
NM_CAPITAL___DRP 24208	18.07 0.28 0.00	17.35 0.27 0.00	18.34 0.23 0.00	17.88 0.24 0.00	17.32 0.21 0.00	20.02 0.18 0.00	27.04 0.08 0.00	30.24 0.18 0.00	32.20 0.32 0.00	32.80 0.21 0.00	30.95 0.30 0.00	28.15 0.29 0.00	22.75 0.18 0.00	20.21 0.15 0.00	20.27 0.13 0.00	18.98 0.12 0.00	19.37 0.22 0.00	20.43 0.12 0.00	21.89 0.06 0.00	35.19 0.14 0.00	30.88 0.02 0.00	28.54 0.01 0.00	22.16 0.07 0.00	21.43 0.20 0.00
NM_CENTRAL___DRP 24181	17.53 -0.26 0.00	16.82 -0.26 0.00	17.84 -0.27 0.00	17.37 -0.27 0.00	16.88 -0.23 0.00	19.60 -0.24 0.00	26.70 -0.26 0.00	29.79 -0.26 0.00	31.44 -0.45 0.00	32.09 -0.51 0.00	30.07 -0.57 0.00	27.30 -0.56 0.00	22.07 -0.50 0.00	19.59 -0.46 0.00	19.67 -0.46 0.00	18.43 -0.43 0.00	18.75 -0.40 0.00	19.89 -0.42 0.00	21.46 -0.36 0.00	34.51 -0.54 0.00	30.29 -0.57 0.00	27.98 -0.55 0.00	21.68 -0.41 0.00	20.87 -0.35 0.00
NM_FRONTIER___DRP 24179	17.20 -0.60 0.00	16.54 -0.54 0.00	17.57 -0.54 0.00	17.07 -0.57 0.00	16.68 -0.43 0.00	19.51 -0.33 0.00	26.57 -0.39 0.00	29.40 -0.65 0.00	30.88 -1.01 0.00	31.16 -1.44 0.00	28.91 -1.74 0.00	26.43 -1.44 0.00	21.47 -1.09 0.00	19.00 -1.06 0.00	19.15 -0.98 0.00	18.03 -0.82 0.00	18.46 -0.69 0.00	19.61 -0.70 0.00	21.16 -0.66 0.00	33.75 -1.30 0.00	29.34 -1.53 0.00	27.45 -1.08 0.00	21.49 -0.60 0.00	20.70 -0.52 0.00

NM_ST_REGIS___HYD 24053	17.65 -0.14 0.00	16.94 -0.13 0.00	18.09 -0.03 0.00	17.62 -0.01 0.00	17.14 0.03 0.00	19.97 0.13 0.00	27.20 0.24 0.00	30.13 0.07 0.00	31.80 -0.09 0.00	32.56 -0.04 0.00	30.52 -0.12 0.00	27.55 -0.32 0.00	22.22 -0.35 0.00	19.66 -0.39 0.00	19.73 -0.40 0.00	18.46 -0.39 0.00	18.71 -0.44 0.00	20.09 -0.21 0.00	21.79 -0.03 0.00	35.12 0.07 0.00	31.12 0.25 0.00	28.77 0.24 0.00	22.15 0.06 0.00	21.10 -0.12 0.00
NORTHPORT___1 23551	18.37 0.58 0.00	17.60 0.53 0.00	18.56 0.45 0.00	18.07 0.44 0.00	17.55 0.43 0.00	20.27 0.42 0.00	27.37 0.41 0.00	30.48 0.42 0.00	32.86 0.97 0.00	33.97 1.37 0.00	31.95 1.28 -0.03	29.39 1.47 -0.05	24.34 1.41 -0.37	21.53 1.19 -0.29	22.04 1.28 -0.63	19.93 1.08 0.00	19.90 0.75 0.00	21.29 0.98 0.00	22.89 1.07 0.00	37.85 2.18 -0.63	32.40 1.53 0.00	29.74 1.21 0.00	23.10 1.01 0.00	22.15 0.92 0.00
NORTHPORT___2 23552	18.37 0.58 0.00	17.60 0.53 0.00	18.56 0.45 0.00	18.07 0.44 0.00	17.55 0.43 0.00	20.27 0.42 0.00	27.37 0.41 0.00	30.48 0.42 0.00	32.86 0.97 0.00	33.97 1.37 0.00	31.95 1.28 -0.03	29.39 1.47 -0.05	24.34 1.41 -0.37	21.53 1.19 -0.29	22.04 1.28 -0.63	19.93 1.08 0.00	19.90 0.75 0.00	21.29 0.98 0.00	22.89 1.07 0.00	37.85 2.18 -0.63	32.40 1.53 0.00	29.74 1.21 0.00	23.10 1.01 0.00	22.15 0.92 0.00
NORTHPORT___3 23553	18.27 0.49 0.00	17.52 0.44 0.00	18.46 0.35 0.00	17.98 0.34 0.00	17.44 0.33 0.00	20.12 0.27 0.00	27.17 0.21 0.00	30.27 0.21 0.00	32.63 0.75 0.00	33.73 1.13 0.00	31.85 1.18 -0.03	29.30 1.38 -0.05	24.27 1.34 -0.36	21.47 1.14 -0.28	21.97 1.22 -0.62	19.86 1.01 0.00	19.84 0.69 0.00	21.16 0.85 0.00	22.74 0.91 0.00	37.53 1.86 -0.63	32.18 1.31 0.00	29.55 1.03 0.00	22.96 0.88 0.00	22.03 0.81 0.00
NORTHPORT___4 23650	18.27 0.49 0.00	17.52 0.44 0.00	18.46 0.35 0.00	17.98 0.34 0.00	17.44 0.33 0.00	20.12 0.27 0.00	27.17 0.21 0.00	30.27 0.21 0.00	32.63 0.75 0.00	33.73 1.13 0.00	31.85 1.18 -0.03	29.30 1.38 -0.05	24.27 1.34 -0.36	21.47 1.14 -0.28	21.97 1.22 -0.62	19.86 1.01 0.00	19.84 0.69 0.00	21.16 0.85 0.00	22.74 0.91 0.00	37.53 1.86 -0.63	32.18 1.31 0.00	29.55 1.03 0.00	22.96 0.88 0.00	22.03 0.81 0.00
NORTHPORT___IC 23718	18.36 0.57 0.00	17.60 0.53 0.00	18.56 0.45 0.00	18.07 0.43 0.00	17.55 0.43 0.00	20.27 0.42 0.00	27.37 0.41 0.00	30.48 0.43 0.00	32.86 0.98 0.00	33.97 1.37 0.00	31.95 1.28 -0.03	29.39 1.47 -0.05	24.34 1.41 -0.37	21.53 1.19 -0.29	22.04 1.27 -0.63	19.93 1.08 0.00	19.90 0.76 0.00	21.29 0.98 0.00	22.90 1.07 0.00	37.85 2.18 -0.63	32.40 1.53 0.00	29.74 1.21 0.00	23.10 1.01 0.00	22.14 0.92 0.00
NORTH___COUNTRY_ESR 323785	18.01 0.22 0.00	17.26 0.18 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.51 0.40 0.00	20.40 0.55 0.00	27.75 0.79 0.00	30.75 0.69 0.00	32.59 0.71 0.00	33.53 0.93 0.00	31.48 0.84 0.00	28.35 0.48 0.00	22.74 0.18 0.00	20.11 0.05 0.00	20.20 0.06 0.00	18.87 0.02 0.00	19.01 -0.14 0.00	20.55 0.25 0.00	22.48 0.65 0.00	36.34 1.30 0.00	32.07 1.20 0.00	29.61 1.09 0.00	22.81 0.72 0.00	21.73 0.51 0.00
NPX_GEN_1385_PROXY 323591	18.29 0.50 0.00	17.55 0.48 0.00	18.56 0.45 0.00	18.07 0.44 0.00	17.55 0.43 0.00	20.27 0.42 0.00	27.37 0.41 0.00	30.47 0.42 0.00	32.74 0.86 0.00	33.84 1.24 0.00	31.30 0.63 -0.03	28.72 0.79 -0.05	23.75 0.82 -0.37	20.93 0.59 -0.29	21.44 0.68 -0.63	19.41 0.56 0.00	19.50 0.35 0.00	21.00 0.69 0.00	22.72 0.90 0.00	37.77 2.09 -0.63	32.31 1.44 0.00	29.56 1.03 0.00	22.89 0.80 0.00	22.05 0.83 0.00
NPX_GEN_CSC 323557	18.59 0.80 0.00	17.83 0.75 0.00	18.79 0.67 0.00	18.29 0.65 0.00	17.77 0.66 0.00	20.57 0.72 0.00	27.64 0.68 0.00	30.63 0.58 0.00	33.09 1.20 0.00	34.31 1.71 0.00	32.24 1.57 -0.03	29.52 1.58 -0.07	24.49 1.50 -0.43	21.62 1.19 -0.38	22.20 1.33 -0.74	19.98 1.13 0.00	19.81 0.66 0.00	21.45 1.15 0.00	23.08 1.26 0.00	38.40 2.73 -0.63	32.88 2.01 0.00	30.14 1.61 0.00	23.42 1.33 0.00	22.39 1.17 0.00
NSINS_S_GLNS_FALLS 23858	18.24 0.45 0.00	17.47 0.40 0.00	18.57 0.45 0.00	18.08 0.45 0.00	17.59 0.48 0.00	20.37 0.53 0.00	27.65 0.69 0.00	30.94 0.88 0.00	32.86 0.98 0.00	33.50 0.90 0.00	31.65 1.01 0.00	28.75 0.88 0.00	23.13 0.57 0.00	20.52 0.47 0.00	20.54 0.41 0.00	19.20 0.34 0.00	19.53 0.39 0.00	20.93 0.62 0.00	22.49 0.67 0.00	36.40 1.36 0.00	32.01 1.14 0.00	29.53 1.00 0.00	22.70 0.61 0.00	21.88 0.66 0.00
NUCOR_STEEL___DRP 24197	17.73 -0.06 0.00	17.01 -0.07 0.00	18.04 -0.07 0.00	17.57 -0.06 0.00	17.08 -0.03 0.00	19.86 0.02 0.00	27.06 0.10 0.00	30.19 0.14 0.00	31.78 -0.11 0.00	32.49 -0.10 0.00	30.46 -0.19 0.00	27.63 -0.23 0.00	22.31 -0.25 0.00	19.74 -0.32 0.00	19.79 -0.34 0.00	18.59 -0.26 0.00	18.86 -0.29 0.00	20.13 -0.18 0.00	21.77 -0.06 0.00	34.97 -0.08 0.00	30.69 -0.18 0.00	28.30 -0.22 0.00	21.98 -0.11 0.00	21.14 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	17.68 -0.10 0.00	17.01 -0.07 0.00	18.18 0.06 0.00	17.82 0.19 0.00	17.37 0.26 0.00	20.24 0.39 0.00	27.60 0.64 0.00	30.86 0.80 0.00	32.57 0.68 0.00	33.21 0.61 0.00	31.01 0.36 0.00	27.93 0.07 0.00	22.43 -0.13 0.00	19.75 -0.30 0.00	19.68 -0.45 0.00	18.44 -0.41 0.00	18.70 -0.45 0.00	19.95 -0.36 0.00	21.67 -0.15 0.00	35.19 0.14 0.00	31.05 0.18 0.00	28.61 0.08 0.00	21.96 -0.13 0.00	21.30 0.07 0.00
NYISO_LBMP_REFERENCE 24008	17.79 0.00 0.00	17.08 0.00 0.00	18.11 0.00 0.00	17.64 0.00 0.00	17.11 0.00 0.00	19.84 0.00 0.00	26.96 0.00 0.00	30.05 0.00 0.00	31.89 0.00 0.00	32.60 0.00 0.00	30.64 0.00 0.00	27.87 0.00 0.00	22.56 0.00 0.00	20.06 0.00 0.00	20.14 0.00 0.00	18.85 0.00 0.00	19.15 0.00 0.00	20.31 0.00 0.00	21.82 0.00 0.00	35.05 0.00 0.00	30.87 0.00 0.00	28.53 0.00 0.00	22.09 0.00 0.00	21.22 0.00 0.00
NYPA_BRENTWD____GT 24164	18.62 0.82 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.68 0.72 0.00	30.86 0.80 0.00	33.29 1.41 0.00	34.45 1.85 0.00	32.43 1.75 -0.04	29.82 1.87 -0.08	24.80 1.72 -0.52	22.00 1.46 -0.49	22.58 1.58 -0.87	20.22 1.37 0.00	20.16 1.01 0.00	21.59 1.29 0.00	23.21 1.39 0.00	38.37 2.69 -0.64	32.85 1.98 0.00	30.14 1.61 0.00	23.39 1.30 0.00	22.40 1.17 0.00
NYPA_GOWANUS____GT5 24156	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00

NYPA_GOWANUS____GT6 24157	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.40 0.00	27.55 0.59 0.00	30.96 0.90 0.00	33.29 1.41 0.00	34.18 1.58 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.16 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00
NYPA_HARLEM_RVR_GT1 24160	18.34 0.55 0.00	17.57 0.49 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.42 0.46 0.00	30.84 0.79 0.00	33.17 1.28 0.00	34.05 1.45 0.00	32.07 1.42 0.00	29.30 1.43 0.00	23.84 1.28 0.00	21.23 1.18 0.00	21.37 1.23 0.00	20.08 1.23 0.00	20.19 1.05 0.00	21.33 1.03 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.19 1.32 0.00	29.62 1.09 0.00	22.99 0.90 0.00	22.03 0.81 0.00
NYPA_HARLEM_RVR_GT2 24161	18.34 0.55 0.00	17.57 0.49 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.42 0.46 0.00	30.84 0.79 0.00	33.17 1.28 0.00	34.05 1.45 0.00	32.07 1.42 0.00	29.30 1.43 0.00	23.84 1.28 0.00	21.23 1.18 0.00	21.37 1.23 0.00	20.08 1.23 0.00	20.19 1.05 0.00	21.33 1.03 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.19 1.32 0.00	29.62 1.09 0.00	22.99 0.90 0.00	22.03 0.81 0.00
NYPA_KENT____GT 24152	18.38 0.59 0.00	17.60 0.52 0.00	18.54 0.43 0.00	18.07 0.44 0.00	17.54 0.43 0.00	20.20 0.36 0.00	27.50 0.54 0.00	30.91 0.86 0.00	33.24 1.36 0.00	34.14 1.55 0.00	32.16 1.52 0.00	29.39 1.53 0.00	23.92 1.36 0.00	21.32 1.27 0.00	21.45 1.31 0.00	20.14 1.29 0.00	20.30 1.16 0.00	21.43 1.12 0.00	22.94 1.12 0.00	36.91 1.86 0.00	32.29 1.42 0.00	29.70 1.17 0.00	23.05 0.96 0.00	22.10 0.88 0.00
NYPA_POUCH1____GT 24155	18.42 0.63 0.00	17.62 0.55 0.00	18.58 0.46 0.00	18.11 0.47 0.00	17.57 0.46 0.00	20.25 0.41 0.00	27.57 0.60 0.00	30.96 0.90 0.00	33.28 1.40 0.00	34.13 1.53 0.00	32.18 1.54 0.00	29.39 1.53 0.00	23.91 1.35 0.00	21.30 1.25 0.00	21.43 1.29 0.00	20.12 1.27 0.00	20.29 1.14 0.00	21.42 1.11 0.00	22.94 1.12 0.00	36.86 1.81 0.00	32.31 1.44 0.00	29.75 1.22 0.00	23.11 1.02 0.00	22.17 0.94 0.00
NYPA_VERNON____GT2 24162	18.35 0.56 0.00	17.57 0.50 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.52 0.41 0.00	20.17 0.33 0.00	27.46 0.50 0.00	30.86 0.81 0.00	33.20 1.31 0.00	34.10 1.51 0.00	32.12 1.48 0.00	29.34 1.48 0.00	23.88 1.32 0.00	21.30 1.24 0.00	21.43 1.29 0.00	20.12 1.27 0.00	20.28 1.14 0.00	21.40 1.09 0.00	22.91 1.09 0.00	36.86 1.81 0.00	32.22 1.36 0.00	29.64 1.11 0.00	23.00 0.91 0.00	22.05 0.82 0.00
NYPA_VERNON____GT3 24163	18.35 0.56 0.00	17.57 0.50 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.52 0.41 0.00	20.17 0.33 0.00	27.46 0.50 0.00	30.86 0.81 0.00	33.20 1.31 0.00	34.10 1.51 0.00	32.12 1.48 0.00	29.34 1.48 0.00	23.88 1.32 0.00	21.30 1.24 0.00	21.43 1.29 0.00	20.12 1.27 0.00	20.28 1.14 0.00	21.40 1.09 0.00	22.91 1.09 0.00	36.86 1.81 0.00	32.22 1.36 0.00	29.64 1.11 0.00	23.00 0.91 0.00	22.05 0.82 0.00
NYPA__ASTORIA_CC1 323568	18.33 0.53 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.06 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.38 1.25 0.00	20.09 1.23 0.00	20.24 1.09 0.00	21.35 1.05 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00
NYPA__ASTORIA_CC2 323569	18.33 0.53 0.00	17.55 0.47 0.00	18.48 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.03 1.43 0.00	32.06 1.41 0.00	29.29 1.42 0.00	23.83 1.27 0.00	21.26 1.20 0.00	21.38 1.25 0.00	20.09 1.23 0.00	20.24 1.09 0.00	21.35 1.05 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.59 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00
NYPA__HOLTSVILL 23794	18.48 0.69 0.00	17.72 0.64 0.00	18.68 0.56 0.00	18.18 0.54 0.00	17.66 0.55 0.00	20.43 0.58 0.00	27.56 0.60 0.00	30.67 0.61 0.00	33.10 1.22 0.00	34.28 1.68 0.00	32.25 1.57 -0.03	29.62 1.69 -0.07	24.57 1.58 -0.43	21.76 1.34 -0.37	22.32 1.46 -0.73	20.10 1.25 0.00	20.00 0.86 0.00	21.46 1.15 0.00	23.06 1.23 0.00	38.16 2.49 -0.63	32.68 1.82 0.00	29.99 1.46 0.00	23.29 1.20 0.00	22.29 1.07 0.00
NYPA____HELLGATE_GT1 24158	18.34 0.55 0.00	17.57 0.49 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.42 0.46 0.00	30.84 0.79 0.00	33.17 1.28 0.00	34.05 1.45 0.00	32.07 1.42 0.00	29.30 1.43 0.00	23.84 1.28 0.00	21.23 1.18 0.00	21.37 1.23 0.00	20.08 1.23 0.00	20.19 1.05 0.00	21.33 1.03 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.19 1.32 0.00	29.62 1.09 0.00	22.99 0.90 0.00	22.03 0.81 0.00
NYPA____HELLGATE_GT2 24159	18.34 0.55 0.00	17.57 0.49 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.42 0.46 0.00	30.84 0.79 0.00	33.17 1.28 0.00	34.05 1.45 0.00	32.07 1.42 0.00	29.30 1.43 0.00	23.84 1.28 0.00	21.23 1.18 0.00	21.37 1.23 0.00	20.08 1.23 0.00	20.19 1.05 0.00	21.33 1.03 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.19 1.32 0.00	29.62 1.09 0.00	22.99 0.90 0.00	22.03 0.81 0.00
NYS_BARGE__HYD 23848	17.62 -0.17 0.00	16.94 -0.14 0.00	17.99 -0.12 0.00	17.48 -0.15 0.00	17.08 -0.03 0.00	20.00 0.15 0.00	27.28 0.31 0.00	30.25 0.20 0.00	31.80 -0.08 0.00	32.10 -0.49 0.00	29.72 -0.93 0.00	27.18 -0.69 0.00	22.07 -0.50 0.00	19.52 -0.53 0.00	19.66 -0.47 0.00	18.49 -0.36 0.00	18.98 -0.16 0.00	20.15 -0.16 0.00	21.80 -0.02 0.00	34.79 -0.26 0.00	30.19 -0.68 0.00	28.21 -0.32 0.00	22.11 0.02 0.00	21.19 -0.03 0.00
OAK_ORCHARD__HYD 24046	17.63 -0.16 0.00	16.94 -0.14 0.00	17.98 -0.13 0.00	17.49 -0.15 0.00	17.05 -0.06 0.00	19.90 0.06 0.00	27.16 0.20 0.00	30.25 0.20 0.00	31.86 -0.03 0.00	32.33 -0.27 0.00	30.06 -0.58 0.00	27.30 -0.57 0.00	22.07 -0.49 0.00	19.56 -0.49 0.00	19.68 -0.45 0.00	18.46 -0.39 0.00	18.91 -0.24 0.00	20.09 -0.22 0.00	21.72 -0.10 0.00	34.85 -0.19 0.00	30.44 -0.43 0.00	28.26 -0.27 0.00	22.00 -0.09 0.00	21.11 -0.12 0.00
OAKDALE__35_KV_LOAD 356122	17.80 0.01 0.00	17.06 -0.01 0.00	18.10 -0.02 0.00	17.62 -0.02 0.00	17.10 -0.01 0.00	19.88 0.03 0.00	27.09 0.13 0.00	30.30 0.24 0.00	32.62 0.74 0.00	33.51 0.91 0.00	31.26 0.61 0.00	28.53 0.66 0.00	23.11 0.55 0.00	20.51 0.46 0.00	20.68 0.55 0.00	19.42 0.57 0.00	19.62 0.47 0.00	20.75 0.44 0.00	22.34 0.52 0.00	36.02 0.97 0.00	31.27 0.40 0.00	28.98 0.45 0.00	22.47 0.38 0.00	21.61 0.39 0.00

OCC_CHEM___DRP 24175	17.23 -0.56 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.33 0.00	29.48 -0.57 0.00	30.96 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.49 -1.37 0.00	21.52 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.08 -0.77 0.00	18.52 -0.63 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.45 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.75 -0.48 0.00
OH_GEN_PROXY 24063	17.41 -0.38 0.00	16.75 -0.33 0.00	17.80 -0.31 0.00	17.29 -0.34 0.00	16.88 -0.23 0.00	19.73 -0.11 0.00	26.89 -0.07 0.00	29.84 -0.22 0.00	31.36 -0.53 0.00	31.68 -0.92 0.00	29.41 -1.24 0.00	26.86 -1.01 0.00	21.79 -0.77 0.00	19.30 -0.76 0.00	19.45 -0.69 0.00	18.28 -0.57 0.00	18.77 -0.38 0.00	19.89 -0.41 0.00	21.47 -0.35 0.00	34.30 -0.74 0.00	29.79 -1.08 0.00	27.84 -0.69 0.00	21.78 -0.31 0.00	20.90 -0.32 0.00
OLIN_CORP_DRP 24177	17.40 -0.39 0.00	16.74 -0.34 0.00	17.78 -0.33 0.00	17.27 -0.36 0.00	16.88 -0.23 0.00	19.74 -0.10 0.00	26.91 -0.05 0.00	29.80 -0.25 0.00	31.32 -0.57 0.00	31.61 -0.99 0.00	29.30 -1.34 0.00	26.87 -1.00 0.00	21.83 -0.73 0.00	19.32 -0.73 0.00	19.47 -0.67 0.00	18.34 -0.51 0.00	18.77 -0.38 0.00	19.94 -0.37 0.00	21.54 -0.28 0.00	34.29 -0.75 0.00	29.75 -1.12 0.00	27.82 -0.70 0.00	21.84 -0.24 0.00	20.96 -0.27 0.00
OLIN_CORP_DSASP 323712	17.23 -0.55 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.32 0.00	29.49 -0.56 0.00	30.97 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.50 -1.37 0.00	21.53 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.05 -0.80 0.00	18.55 -0.60 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.46 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.74 -0.48 0.00
ONEIDA_HERK_LFGE 323681	17.98 0.19 0.00	17.26 0.18 0.00	18.36 0.24 0.00	17.94 0.30 0.00	17.44 0.33 0.00	20.29 0.44 0.00	27.66 0.70 0.00	30.91 0.86 0.00	32.74 0.85 0.00	33.45 0.86 0.00	31.34 0.70 0.00	28.36 0.50 0.00	22.83 0.27 0.00	20.19 0.14 0.00	20.20 0.06 0.00	18.90 0.05 0.00	19.21 0.06 0.00	20.42 0.12 0.00	22.11 0.29 0.00	35.73 0.68 0.00	31.46 0.59 0.00	29.02 0.49 0.00	22.36 0.27 0.00	21.55 0.33 0.00
ONEIDA___115KV_TB4 55905	18.16 0.37 0.00	17.41 0.33 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.51 0.40 0.00	20.37 0.53 0.00	27.80 0.83 0.00	31.06 1.01 0.00	32.90 1.01 0.00	33.62 1.02 0.00	31.53 0.88 0.00	28.59 0.73 0.00	23.00 0.44 0.00	20.34 0.29 0.00	20.40 0.27 0.00	19.07 0.21 0.00	19.40 0.25 0.00	20.61 0.31 0.00	22.33 0.51 0.00	36.04 1.00 0.00	31.72 0.86 0.00	29.28 0.75 0.00	22.61 0.52 0.00	21.71 0.49 0.00
ONONDAGA_REF_OCCRA 23987	17.69 -0.10 0.00	16.97 -0.10 0.00	17.99 -0.12 0.00	17.53 -0.11 0.00	17.03 -0.08 0.00	19.79 -0.06 0.00	26.97 0.01 0.00	30.10 0.04 0.00	31.75 -0.13 0.00	32.42 -0.18 0.00	30.38 -0.26 0.00	27.57 -0.29 0.00	22.25 -0.31 0.00	19.74 -0.31 0.00	19.82 -0.32 0.00	18.56 -0.30 0.00	18.89 -0.26 0.00	20.04 -0.26 0.00	21.64 -0.18 0.00	34.84 -0.20 0.00	30.60 -0.27 0.00	28.27 -0.26 0.00	21.88 -0.20 0.00	21.05 -0.17 0.00
ONONDAGA___COGEN 23986	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.10 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.44 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.33 0.00	20.00 -0.31 0.00	21.58 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.25 0.00
ONTARIO___LFGE 23819	17.82 0.03 0.00	17.09 0.02 0.00	18.13 0.02 0.00	17.65 0.01 0.00	17.15 0.04 0.00	20.00 0.15 0.00	27.40 0.44 0.00	30.61 0.56 0.00	32.54 0.65 0.00	33.22 0.62 0.00	31.05 0.41 0.00	28.16 0.29 0.00	22.63 0.07 0.00	20.02 -0.04 0.00	20.12 -0.02 0.00	18.85 0.00 0.00	19.13 -0.01 0.00	20.34 0.03 0.00	22.07 0.25 0.00	35.50 0.46 0.00	30.97 0.10 0.00	28.74 0.21 0.00	22.26 0.17 0.00	21.34 0.11 0.00
ORANGEVILLE_WT_PWR 323706	17.74 -0.05 0.00	17.05 -0.02 0.00	18.11 0.00 0.00	17.60 -0.04 0.00	17.16 0.05 0.00	20.10 0.26 0.00	27.41 0.45 0.00	30.45 0.39 0.00	32.09 0.21 0.00	32.45 -0.15 0.00	30.04 -0.60 0.00	27.46 -0.40 0.00	22.28 -0.28 0.00	19.72 -0.33 0.00	19.87 -0.27 0.00	18.69 -0.17 0.00	19.15 0.00 0.00	20.27 -0.04 0.00	21.86 0.04 0.00	34.99 -0.05 0.00	30.28 -0.58 0.00	28.19 -0.34 0.00	21.92 -0.17 0.00	20.88 -0.34 0.00
ORANGEVILLE___ESR 323794	17.74 -0.05 0.00	17.05 -0.02 0.00	18.11 0.00 0.00	17.60 -0.04 0.00	17.16 0.05 0.00	20.10 0.26 0.00	27.41 0.45 0.00	30.45 0.39 0.00	32.09 0.21 0.00	32.45 -0.15 0.00	30.04 -0.60 0.00	27.46 -0.40 0.00	22.28 -0.28 0.00	19.72 -0.33 0.00	19.87 -0.27 0.00	18.69 -0.17 0.00	19.15 0.00 0.00	20.27 -0.04 0.00	21.86 0.04 0.00	34.99 -0.05 0.00	30.28 -0.58 0.00	28.19 -0.34 0.00	21.92 -0.17 0.00	20.88 -0.34 0.00
OSWEGATCHIE___HYD 24044	17.51 -0.28 0.00	16.83 -0.25 0.00	17.96 -0.15 0.00	17.56 -0.08 0.00	17.10 -0.01 0.00	19.92 0.07 0.00	27.13 0.17 0.00	30.19 0.14 0.00	31.82 -0.06 0.00	32.47 -0.13 0.00	30.35 -0.29 0.00	27.37 -0.49 0.00	22.04 -0.52 0.00	19.46 -0.59 0.00	19.47 -0.67 0.00	18.22 -0.63 0.00	18.51 -0.64 0.00	19.79 -0.51 0.00	21.47 -0.36 0.00	34.73 -0.31 0.00	30.73 -0.14 0.00	28.38 -0.15 0.00	21.82 -0.26 0.00	20.99 -0.24 0.00
OSWEGO___5 23606	17.34 -0.45 0.00	16.65 -0.43 0.00	17.66 -0.46 0.00	17.19 -0.44 0.00	16.70 -0.41 0.00	19.38 -0.47 0.00	26.35 -0.61 0.00	29.39 -0.66 0.00	31.04 -0.84 0.00	31.69 -0.91 0.00	29.72 -0.92 0.00	26.99 -0.88 0.00	21.84 -0.73 0.00	19.40 -0.65 0.00	19.48 -0.66 0.00	18.25 -0.60 0.00	18.56 -0.58 0.00	19.68 -0.62 0.00	21.22 -0.61 0.00	34.10 -0.95 0.00	29.96 -0.91 0.00	27.69 -0.84 0.00	21.46 -0.63 0.00	20.66 -0.56 0.00
OSWEGO___6 23613	17.34 -0.45 0.00	16.65 -0.43 0.00	17.66 -0.46 0.00	17.19 -0.44 0.00	16.70 -0.41 0.00	19.38 -0.47 0.00	26.35 -0.61 0.00	29.39 -0.66 0.00	31.04 -0.84 0.00	31.69 -0.91 0.00	29.72 -0.92 0.00	26.99 -0.88 0.00	21.84 -0.73 0.00	19.40 -0.65 0.00	19.48 -0.66 0.00	18.25 -0.60 0.00	18.56 -0.58 0.00	19.68 -0.62 0.00	21.22 -0.61 0.00	34.10 -0.95 0.00	29.96 -0.91 0.00	27.69 -0.84 0.00	21.46 -0.63 0.00	20.66 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	17.69 -0.10 0.00	17.01 -0.06 0.00	18.06 -0.05 0.00	17.55 -0.08 0.00	17.15 0.04 0.00	20.08 0.23 0.00	27.38 0.42 0.00	30.36 0.31 0.00	31.96 0.07 0.00	32.30 -0.30 0.00	29.91 -0.73 0.00	27.33 -0.53 0.00	22.19 -0.37 0.00	19.64 -0.42 0.00	19.79 -0.35 0.00	18.62 -0.23 0.00	19.05 -0.10 0.00	20.25 -0.06 0.00	21.87 0.05 0.00	34.97 -0.07 0.00	30.34 -0.53 0.00	28.35 -0.18 0.00	22.17 0.08 0.00	21.27 0.05 0.00

OXBOW___BTM 323836	17.46 -0.33 0.00	16.80 -0.27 0.00	17.84 -0.28 0.00	17.34 -0.30 0.00	16.94 -0.17 0.00	19.82 -0.02 0.00	27.02 0.06 0.00	29.96 -0.10 0.00	31.48 -0.40 0.00	31.80 -0.80 0.00	29.46 -1.19 0.00	26.93 -0.93 0.00	21.88 -0.68 0.00	19.35 -0.71 0.00	19.50 -0.63 0.00	18.34 -0.52 0.00	18.82 -0.32 0.00	19.97 -0.34 0.00	21.56 -0.27 0.00	34.43 -0.61 0.00	29.90 -0.97 0.00	27.96 -0.57 0.00	21.88 -0.21 0.00	21.02 -0.20 0.00
OXBOW____ 24026	17.46 -0.33 0.00	16.80 -0.27 0.00	17.84 -0.27 0.00	17.34 -0.30 0.00	16.94 -0.17 0.00	19.82 -0.02 0.00	27.02 0.06 0.00	29.95 -0.11 0.00	31.48 -0.40 0.00	31.80 -0.80 0.00	29.46 -1.18 0.00	26.93 -0.93 0.00	21.87 -0.69 0.00	19.34 -0.71 0.00	19.50 -0.63 0.00	18.36 -0.49 0.00	18.79 -0.36 0.00	19.97 -0.34 0.00	21.56 -0.27 0.00	34.43 -0.61 0.00	29.91 -0.96 0.00	27.96 -0.57 0.00	21.87 -0.21 0.00	21.02 -0.20 0.00
OXY_CHEM_DSASP 323612	17.23 -0.56 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.33 0.00	29.48 -0.57 0.00	30.96 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.49 -1.37 0.00	21.52 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.08 -0.77 0.00	18.52 -0.63 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.45 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.75 -0.48 0.00
OZONE_PARK_ESR 323760	18.47 0.68 0.00	17.68 0.60 0.00	18.63 0.51 0.00	18.15 0.52 0.00	17.63 0.52 0.00	20.30 0.46 0.00	27.64 0.68 0.00	31.08 1.02 0.00	33.42 1.53 0.00	34.35 1.75 0.00	32.35 1.71 0.00	29.54 1.68 0.00	24.04 1.48 0.00	21.43 1.38 0.00	21.57 1.44 0.00	20.23 1.38 0.00	20.42 1.28 0.00	21.55 1.25 0.00	23.08 1.26 0.00	37.17 2.12 0.00	32.47 1.61 0.00	29.86 1.33 0.00	23.17 1.08 0.00	22.21 0.98 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.23 -0.56 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.33 0.00	29.48 -0.57 0.00	30.96 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.49 -1.37 0.00	21.52 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.08 -0.77 0.00	18.52 -0.63 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.45 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.75 -0.48 0.00
PACKARD__115KV_DUPONT_184 80571	17.23 -0.56 0.00	16.59 -0.49 0.00	17.62 -0.49 0.00	17.12 -0.52 0.00	16.72 -0.39 0.00	19.56 -0.28 0.00	26.64 -0.33 0.00	29.48 -0.57 0.00	30.96 -0.92 0.00	31.24 -1.36 0.00	28.98 -1.67 0.00	26.49 -1.37 0.00	21.52 -1.04 0.00	19.04 -1.01 0.00	19.20 -0.94 0.00	18.08 -0.77 0.00	18.52 -0.63 0.00	19.66 -0.65 0.00	21.22 -0.60 0.00	33.84 -1.21 0.00	29.41 -1.45 0.00	27.53 -1.00 0.00	21.55 -0.54 0.00	20.75 -0.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.34 0.55 0.00	17.56 0.49 0.00	18.51 0.39 0.00	18.04 0.41 0.00	17.50 0.39 0.00	20.17 0.33 0.00	27.45 0.49 0.00	30.87 0.81 0.00	33.18 1.30 0.00	34.06 1.46 0.00	32.08 1.44 0.00	29.32 1.45 0.00	23.84 1.28 0.00	21.24 1.18 0.00	21.37 1.23 0.00	20.07 1.22 0.00	20.19 1.04 0.00	21.33 1.03 0.00	22.86 1.03 0.00	36.81 1.76 0.00	32.21 1.34 0.00	29.64 1.11 0.00	22.99 0.90 0.00	22.05 0.83 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.36 0.57 0.00	17.58 0.51 0.00	18.54 0.42 0.00	18.09 0.46 0.00	17.55 0.44 0.00	20.25 0.40 0.00	27.60 0.65 0.00	31.02 0.96 0.00	33.31 1.42 0.00	34.15 1.55 0.00	32.16 1.52 0.00	29.36 1.49 0.00	23.88 1.32 0.00	21.25 1.20 0.00	21.37 1.23 0.00	20.07 1.22 0.00	20.19 1.05 0.00	21.34 1.03 0.00	22.86 1.04 0.00	36.81 1.77 0.00	32.22 1.35 0.00	29.64 1.11 0.00	22.99 0.91 0.00	22.05 0.83 0.00
PATROON__115KV_TB1 80586	18.13 0.34 0.00	17.39 0.31 0.00	18.38 0.26 0.00	17.92 0.29 0.00	17.36 0.25 0.00	20.08 0.24 0.00	27.13 0.17 0.00	30.34 0.29 0.00	32.32 0.43 0.00	32.91 0.32 0.00	31.05 0.41 0.00	28.25 0.39 0.00	22.80 0.24 0.00	20.24 0.19 0.00	20.31 0.17 0.00	19.02 0.16 0.00	19.41 0.27 0.00	20.49 0.18 0.00	21.95 0.13 0.00	35.24 0.20 0.00	30.93 0.06 0.00	28.58 0.05 0.00	22.19 0.10 0.00	21.46 0.24 0.00
PATTRSNVILLE__SOLAR 323815	18.29 0.50 0.00	17.53 0.45 0.00	18.61 0.49 0.00	18.12 0.48 0.00	17.58 0.47 0.00	20.39 0.55 0.00	27.72 0.76 0.00	30.96 0.90 0.00	32.89 1.00 0.00	33.61 1.02 0.00	31.63 0.98 0.00	28.74 0.88 0.00	23.16 0.60 0.00	20.56 0.51 0.00	20.64 0.51 0.00	19.30 0.45 0.00	19.58 0.44 0.00	20.85 0.54 0.00	22.46 0.63 0.00	36.26 1.22 0.00	31.85 0.98 0.00	29.42 0.89 0.00	22.74 0.65 0.00	21.87 0.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.09 0.30 0.00	17.38 0.30 0.00	18.46 0.34 0.00	17.94 0.30 0.00	17.50 0.39 0.00	20.48 0.64 0.00	27.96 1.00 0.00	31.03 0.98 0.00	32.77 0.88 0.00	33.20 0.61 0.00	30.77 0.13 0.00	28.07 0.21 0.00	22.75 0.18 0.00	20.14 0.09 0.00	20.30 0.16 0.00	19.10 0.25 0.00	19.50 0.35 0.00	20.70 0.39 0.00	22.36 0.54 0.00	35.83 0.79 0.00	31.04 0.17 0.00	28.95 0.42 0.00	22.59 0.51 0.00	21.71 0.49 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.45 0.66 0.00	17.68 0.60 0.00	18.67 0.56 0.00	18.19 0.55 0.00	17.66 0.55 0.00	20.41 0.57 0.00	27.78 0.82 0.00	31.16 1.11 0.00	33.40 1.51 0.00	34.26 1.66 0.00	32.27 1.63 0.00	29.44 1.58 0.00	23.91 1.35 0.00	21.32 1.26 0.00	21.39 1.26 0.00	20.04 1.19 0.00	20.27 1.13 0.00	21.43 1.13 0.00	22.98 1.16 0.00	37.10 2.06 0.00	32.46 1.59 0.00	29.84 1.32 0.00	23.11 1.02 0.00	22.18 0.95 0.00
PEEKSKILL____ 23653	18.23 0.44 0.00	17.46 0.39 0.00	18.43 0.32 0.00	17.95 0.32 0.00	17.42 0.31 0.00	20.11 0.26 0.00	27.35 0.39 0.00	30.67 0.62 0.00	32.89 1.00 0.00	33.76 1.17 0.00	31.81 1.16 0.00	29.02 1.16 0.00	23.58 1.02 0.00	21.02 0.96 0.00	21.15 1.01 0.00	19.80 0.94 0.00	20.01 0.86 0.00	21.14 0.83 0.00	22.64 0.82 0.00	36.54 1.50 0.00	31.96 1.10 0.00	29.41 0.88 0.00	22.81 0.72 0.00	21.91 0.69 0.00
PGE MADISON__WINDPWR 24146	19.16 1.37 0.00	18.33 1.25 0.00	19.49 1.38 0.00	18.99 1.35 0.00	18.49 1.38 0.00	21.52 1.67 0.00	29.40 2.44 0.00	32.59 2.54 0.00	34.18 2.30 0.00	35.25 2.66 0.00	33.08 2.44 0.00	30.08 2.21 0.00	24.27 1.71 0.00	21.43 1.37 0.00	21.64 1.50 0.00	20.13 1.28 0.00	20.29 1.14 0.00	21.72 1.42 0.00	23.67 1.84 0.00	38.29 3.24 0.00	33.45 2.58 0.00	30.84 2.31 0.00	23.86 1.78 0.00	22.83 1.61 0.00
PIERCEFIELD__HYD 23852	17.47 -0.31 0.00	16.78 -0.29 0.00	17.90 -0.22 0.00	17.43 -0.20 0.00	16.96 -0.15 0.00	19.76 -0.09 0.00	26.90 -0.06 0.00	29.80 -0.26 0.00	31.40 -0.49 0.00	32.12 -0.48 0.00	30.11 -0.54 0.00	27.21 -0.65 0.00	21.98 -0.58 0.00	19.47 -0.58 0.00	19.53 -0.60 0.00	18.27 -0.58 0.00	18.56 -0.59 0.00	19.87 -0.44 0.00	21.50 -0.33 0.00	34.60 -0.44 0.00	30.69 -0.17 0.00	28.38 -0.14 0.00	21.86 -0.23 0.00	20.84 -0.38 0.00

PINELAWN_CC_1 323563	18.44 0.65 0.00	17.65 0.58 0.00	18.61 0.50 0.00	18.12 0.48 0.00	17.59 0.48 0.00	20.33 0.48 0.00	27.49 0.53 0.00	30.69 0.64 0.00	33.12 1.23 0.00	34.24 1.64 0.00	32.29 1.58 -0.07	29.71 1.70 -0.15	25.06 1.58 -0.92	22.44 1.34 -1.05	23.13 1.45 -1.54	20.10 1.25 0.00	20.09 0.94 0.00	21.47 1.16 0.00	23.06 1.23 0.00	38.11 2.41 -0.66	32.62 1.75 0.00	29.94 1.41 0.00	23.22 1.14 0.00	22.24 1.01 0.00
PJM_GEN_HTP_PROXY 323702	18.31 0.52 0.00	17.53 0.45 0.00	18.47 0.36 0.00	18.01 0.37 0.00	17.48 0.37 0.00	20.14 0.29 0.00	27.38 0.42 0.00	30.75 0.70 0.00	33.07 1.19 0.00	33.99 1.39 0.00	32.02 1.38 0.00	29.24 1.37 0.00	23.78 1.22 0.00	21.21 1.16 0.00	21.34 1.21 0.00	20.02 1.16 0.00	20.21 1.06 0.00	21.32 1.02 0.00	22.84 1.02 0.00	36.76 1.71 0.00	32.11 1.25 0.00	29.53 1.00 0.00	22.93 0.85 0.00	21.99 0.77 0.00
PJM_GEN_KEystone 24065	17.84 0.05 0.00	17.11 0.04 0.00	18.10 -0.01 0.00	17.62 -0.02 0.00	17.12 0.01 0.00	15.67 0.03 4.21	38.64 0.15 -11.53	30.31 0.25 0.00	32.36 0.48 0.00	33.15 0.55 0.00	30.99 0.34 0.00	28.29 0.42 0.00	22.94 0.37 0.00	20.41 0.36 0.00	20.57 0.43 0.00	19.28 0.43 0.00	19.55 0.40 0.00	20.65 0.34 0.00	-8.97 0.35 31.14	88.35 0.69 -52.62	21.25 0.19 9.81	28.75 0.22 0.00	22.37 0.28 0.00	21.53 0.31 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.24 0.45 0.00	17.48 0.40 0.00	18.42 0.31 0.00	17.94 0.30 0.00	17.41 0.30 0.00	20.12 0.27 0.00	27.20 0.24 0.00	30.35 0.30 0.00	32.72 0.83 0.00	33.80 1.20 0.00	31.84 1.20 0.00	29.17 1.34 0.04	23.65 1.30 0.21	20.73 1.11 0.43	21.29 1.18 0.02	19.86 1.01 0.00	19.87 0.73 0.00	21.20 0.89 0.00	22.76 0.93 0.00	37.51 1.86 -0.61	32.16 1.30 0.00	29.54 1.02 0.00	22.94 0.85 0.00	21.98 0.75 0.00
PJM_GEN_VFT_PROXY 323633	18.22 0.43 0.00	17.45 0.37 0.00	18.39 0.27 0.00	17.92 0.28 0.00	17.39 0.28 0.00	20.03 0.18 0.00	27.25 0.29 0.00	30.62 0.57 0.00	32.93 1.04 0.00	33.82 1.22 0.00	31.87 1.22 0.00	29.10 1.24 0.00	23.67 1.11 0.00	21.11 1.06 0.00	21.25 1.11 0.00	19.93 1.07 0.00	20.12 0.97 0.00	21.22 0.91 0.00	22.72 0.90 0.00	36.58 1.53 0.00	31.96 1.09 0.00	29.40 0.87 0.00	22.83 0.74 0.00	21.90 0.68 0.00
PLATSBRG_115KV_PMLD1 355749	18.27 0.48 0.00	17.48 0.41 0.00	18.72 0.61 0.00	18.26 0.63 0.00	17.73 0.62 0.00	20.60 0.76 0.00	28.02 1.06 0.00	31.36 1.30 0.00	33.30 1.41 0.00	34.40 1.80 0.00	32.37 1.72 0.00	28.99 1.13 0.00	23.15 0.59 0.00	20.48 0.42 0.00	20.52 0.38 0.00	19.12 0.27 0.00	19.15 0.00 0.00	20.87 0.57 0.00	23.06 1.24 0.00	37.58 2.54 0.00	33.03 2.16 0.00	30.50 1.97 0.00	23.47 1.38 0.00	22.43 1.21 0.00
PLEASANTVLY___LBMP 24000	18.14 0.35 0.00	17.39 0.31 0.00	18.38 0.26 0.00	17.90 0.27 0.00	17.36 0.25 0.00	20.04 0.20 0.00	27.18 0.22 0.00	30.46 0.41 0.00	32.60 0.71 0.00	33.40 0.80 0.00	31.50 0.86 0.00	28.73 0.86 0.00	23.33 0.77 0.00	20.81 0.76 0.00	20.92 0.78 0.00	19.57 0.72 0.00	19.79 0.64 0.00	20.91 0.60 0.00	22.41 0.59 0.00	36.15 1.11 0.00	31.66 0.79 0.00	29.15 0.62 0.00	22.59 0.50 0.00	21.71 0.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.26 0.47 0.00	17.50 0.42 0.00	18.47 0.35 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.14 0.30 0.00	27.38 0.42 0.00	30.71 0.65 0.00	32.91 1.03 0.00	33.77 1.18 0.00	31.83 1.18 0.00	29.04 1.18 0.00	23.61 1.05 0.00	21.05 0.99 0.00	21.17 1.04 0.00	19.81 0.96 0.00	20.02 0.87 0.00	21.16 0.85 0.00	22.67 0.84 0.00	36.57 1.52 0.00	31.99 1.12 0.00	29.42 0.89 0.00	22.81 0.72 0.00	21.91 0.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.26 0.47 0.00	17.50 0.42 0.00	18.47 0.35 0.00	17.99 0.36 0.00	17.46 0.35 0.00	20.14 0.30 0.00	27.38 0.42 0.00	30.71 0.65 0.00	32.91 1.03 0.00	33.77 1.18 0.00	31.83 1.18 0.00	29.04 1.18 0.00	23.61 1.05 0.00	21.05 0.99 0.00	21.17 1.04 0.00	19.81 0.96 0.00	20.02 0.87 0.00	21.16 0.85 0.00	22.67 0.84 0.00	36.57 1.52 0.00	31.99 1.12 0.00	29.42 0.89 0.00	22.81 0.72 0.00	21.91 0.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.49 0.71 0.00	17.72 0.64 0.00	18.72 0.61 0.00	18.24 0.61 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.87 0.90 0.00	31.27 1.22 0.00	33.49 1.61 0.00	34.34 1.74 0.00	32.34 1.70 0.00	29.48 1.62 0.00	23.92 1.35 0.00	21.34 1.29 0.00	21.36 1.22 0.00	20.03 1.18 0.00	20.30 1.16 0.00	21.46 1.16 0.00	23.04 1.21 0.00	37.19 2.15 0.00	32.55 1.68 0.00	29.94 1.41 0.00	23.17 1.08 0.00	22.24 1.01 0.00
POLETTI____ 23519	18.29 0.49 0.00	17.50 0.43 0.00	18.44 0.33 0.00	17.99 0.35 0.00	17.47 0.36 0.00	20.10 0.25 0.00	27.33 0.36 0.00	30.70 0.65 0.00	33.02 1.13 0.00	33.92 1.33 0.00	31.96 1.32 0.00	29.19 1.33 0.00	23.75 1.19 0.00	21.19 1.14 0.00	21.32 1.19 0.00	19.99 1.14 0.00	20.19 1.04 0.00	21.30 0.99 0.00	22.81 0.99 0.00	36.69 1.65 0.00	32.07 1.20 0.00	29.49 0.96 0.00	22.89 0.80 0.00	21.96 0.73 0.00
POMONA___ESR 323819	18.24 0.45 0.00	17.48 0.40 0.00	18.44 0.33 0.00	17.96 0.32 0.00	17.42 0.31 0.00	20.12 0.27 0.00	27.40 0.44 0.00	30.73 0.68 0.00	32.95 1.06 0.00	33.83 1.23 0.00	31.85 1.21 0.00	29.07 1.21 0.00	23.61 1.05 0.00	21.05 0.99 0.00	21.17 1.03 0.00	19.82 0.97 0.00	20.04 0.89 0.00	21.17 0.86 0.00	22.67 0.84 0.00	36.62 1.58 0.00	32.02 1.15 0.00	29.45 0.93 0.00	22.85 0.76 0.00	21.96 0.74 0.00
PORT_JEFF_3 23555	18.53 0.74 0.00	17.77 0.69 0.00	18.73 0.61 0.00	18.23 0.59 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.64 0.68 0.00	30.77 0.71 0.00	33.21 1.33 0.00	34.40 1.80 0.00	32.36 1.69 -0.03	29.73 1.80 -0.07	24.66 1.67 -0.44	21.84 1.40 -0.38	22.40 1.53 -0.74	20.17 1.32 0.00	20.07 0.92 0.00	21.54 1.23 0.00	23.15 1.33 0.00	38.33 2.66 -0.63	32.83 1.96 0.00	30.11 1.58 0.00	23.38 1.29 0.00	22.37 1.15 0.00
PORT_JEFF_4 23616	18.53 0.74 0.00	17.77 0.69 0.00	18.73 0.61 0.00	18.23 0.59 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.64 0.68 0.00	30.77 0.71 0.00	33.21 1.33 0.00	34.40 1.80 0.00	32.36 1.69 -0.03	29.73 1.80 -0.07	24.66 1.67 -0.44	21.84 1.40 -0.38	22.40 1.53 -0.74	20.17 1.32 0.00	20.07 0.92 0.00	21.54 1.23 0.00	23.15 1.33 0.00	38.33 2.66 -0.63	32.83 1.96 0.00	30.11 1.58 0.00	23.38 1.29 0.00	22.37 1.15 0.00
PORT_JEFF_IC 23713	18.54 0.75 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.72 0.61 0.00	20.49 0.65 0.00	27.65 0.69 0.00	30.77 0.72 0.00	33.23 1.34 0.00	34.41 1.82 0.00	32.38 1.71 -0.03	29.74 1.80 -0.07	24.69 1.68 -0.45	21.86 1.40 -0.40	22.43 1.53 -0.76	20.17 1.32 0.00	20.06 0.92 0.00	21.55 1.25 0.00	23.17 1.34 0.00	38.36 2.69 -0.63	32.85 1.98 0.00	30.13 1.60 0.00	23.40 1.31 0.00	22.38 1.15 0.00

PPL PILGRIM_ST_GT1 24216	18.62 0.82 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.68 0.72 0.00	30.86 0.80 0.00	33.29 1.41 0.00	34.45 1.85 0.00	32.43 1.75 -0.04	29.82 1.87 -0.08	24.80 1.72 -0.52	22.00 1.46 -0.49	22.58 1.58 -0.87	20.22 1.37 0.00	20.16 1.01 0.00	21.59 1.29 0.00	23.21 1.39 0.00	38.37 2.69 -0.64	32.85 1.98 0.00	30.14 1.61 0.00	23.39 1.30 0.00	22.40 1.17 0.00
PPL PILGRIM_ST_GT2 24217	18.62 0.82 0.00	17.77 0.70 0.00	18.73 0.62 0.00	18.23 0.60 0.00	17.71 0.60 0.00	20.48 0.64 0.00	27.68 0.72 0.00	30.86 0.80 0.00	33.29 1.41 0.00	34.45 1.85 0.00	32.43 1.75 -0.04	29.82 1.87 -0.08	24.80 1.72 -0.52	22.00 1.46 -0.49	22.58 1.58 -0.87	20.22 1.37 0.00	20.16 1.01 0.00	21.59 1.29 0.00	23.21 1.39 0.00	38.37 2.69 -0.64	32.85 1.98 0.00	30.14 1.61 0.00	23.39 1.30 0.00	22.40 1.17 0.00
PPL_SHRM_GT3 24213	18.59 0.80 0.00	17.83 0.76 0.00	18.80 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.58 0.73 0.00	27.67 0.70 0.00	30.66 0.61 0.00	33.12 1.23 0.00	34.34 1.74 0.00	32.27 1.59 -0.03	29.55 1.61 -0.07	24.52 1.52 -0.44	21.66 1.22 -0.39	22.24 1.35 -0.75	20.01 1.16 0.00	19.83 0.68 0.00	21.47 1.16 0.00	23.09 1.27 0.00	38.42 2.74 -0.63	32.89 2.02 0.00	30.15 1.62 0.00	23.43 1.34 0.00	22.40 1.18 0.00
PPL_SHRM_GT4 24214	18.59 0.80 0.00	17.83 0.76 0.00	18.80 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.58 0.73 0.00	27.67 0.70 0.00	30.66 0.61 0.00	33.12 1.23 0.00	34.34 1.74 0.00	32.27 1.59 -0.03	29.55 1.61 -0.07	24.52 1.52 -0.44	21.66 1.22 -0.39	22.24 1.35 -0.75	20.01 1.16 0.00	19.83 0.68 0.00	21.47 1.16 0.00	23.09 1.27 0.00	38.42 2.74 -0.63	32.89 2.02 0.00	30.15 1.62 0.00	23.43 1.34 0.00	22.40 1.18 0.00
PROJECT___ORANGE 1 24174	17.54 -0.25 0.00	16.83 -0.24 0.00	17.85 -0.26 0.00	17.38 -0.26 0.00	16.89 -0.23 0.00	19.61 -0.23 0.00	26.72 -0.24 0.00	29.82 -0.24 0.00	31.46 -0.43 0.00	32.10 -0.50 0.00	30.09 -0.55 0.00	27.31 -0.55 0.00	22.08 -0.49 0.00	19.61 -0.45 0.00	19.69 -0.45 0.00	18.45 -0.40 0.00	18.77 -0.38 0.00	19.90 -0.40 0.00	21.47 -0.35 0.00	34.52 -0.52 0.00	30.30 -0.57 0.00	28.00 -0.53 0.00	21.69 -0.40 0.00	20.88 -0.34 0.00
PROJECT___ORANGE 2 24166	17.54 -0.25 0.00	16.83 -0.24 0.00	17.85 -0.26 0.00	17.38 -0.26 0.00	16.89 -0.23 0.00	19.61 -0.23 0.00	26.72 -0.24 0.00	29.82 -0.24 0.00	31.46 -0.43 0.00	32.10 -0.50 0.00	30.09 -0.55 0.00	27.31 -0.55 0.00	22.08 -0.49 0.00	19.61 -0.45 0.00	19.69 -0.45 0.00	18.45 -0.40 0.00	18.77 -0.38 0.00	19.90 -0.40 0.00	21.47 -0.35 0.00	34.52 -0.52 0.00	30.30 -0.57 0.00	28.00 -0.53 0.00	21.69 -0.40 0.00	20.88 -0.34 0.00
PUCKETT___SOLAR 323809	18.12 0.33 0.00	17.37 0.30 0.00	18.43 0.32 0.00	17.94 0.31 0.00	17.42 0.31 0.00	20.25 0.41 0.00	27.58 0.62 0.00	30.76 0.70 0.00	32.92 1.04 0.00	33.83 1.23 0.00	31.64 0.99 0.00	28.87 1.01 0.00	23.39 0.83 0.00	20.66 0.61 0.00	20.92 0.79 0.00	19.63 0.78 0.00	19.77 0.63 0.00	20.95 0.64 0.00	22.69 0.86 0.00	36.61 1.57 0.00	31.82 0.95 0.00	29.44 0.92 0.00	22.81 0.72 0.00	21.93 0.70 0.00
PYRITES___HYD 24023	17.91 0.13 0.00	17.19 0.12 0.00	18.33 0.22 0.00	17.85 0.21 0.00	17.38 0.26 0.00	20.25 0.41 0.00	27.61 0.65 0.00	30.56 0.50 0.00	32.14 0.25 0.00	32.82 0.22 0.00	30.69 0.04 0.00	27.68 -0.18 0.00	22.40 -0.16 0.00	19.85 -0.21 0.00	19.96 -0.18 0.00	18.62 -0.23 0.00	18.92 -0.23 0.00	20.28 -0.03 0.00	21.98 0.16 0.00	35.50 0.45 0.00	31.52 0.65 0.00	29.14 0.61 0.00	22.44 0.35 0.00	21.35 0.12 0.00
QUAKERRD_115KV_BK1 80622	17.21 -0.58 0.00	16.53 -0.55 0.00	17.54 -0.57 0.00	17.07 -0.57 0.00	16.63 -0.48 0.00	19.39 -0.46 0.00	26.45 -0.51 0.00	29.45 -0.61 0.00	31.04 -0.85 0.00	31.53 -1.07 0.00	29.39 -1.26 0.00	26.67 -1.20 0.00	21.56 -1.00 0.00	19.12 -0.93 0.00	19.22 -0.91 0.00	18.04 -0.81 0.00	18.43 -0.72 0.00	19.62 -0.69 0.00	21.20 -0.62 0.00	34.02 -1.02 0.00	29.74 -1.13 0.00	27.58 -0.95 0.00	21.44 -0.65 0.00	20.58 -0.65 0.00
QUENSRY_115KV_TB8 356137	18.26 0.46 0.00	17.47 0.40 0.00	18.58 0.47 0.00	18.10 0.46 0.00	17.61 0.50 0.00	20.40 0.56 0.00	27.69 0.73 0.00	30.99 0.94 0.00	32.91 1.03 0.00	33.54 0.94 0.00	31.71 1.07 0.00	28.79 0.93 0.00	23.16 0.60 0.00	20.55 0.50 0.00	20.56 0.43 0.00	19.21 0.36 0.00	19.54 0.39 0.00	20.96 0.65 0.00	22.52 0.70 0.00	36.49 1.45 0.00	32.08 1.22 0.00	29.59 1.06 0.00	22.73 0.64 0.00	21.91 0.68 0.00
RAMAPO___LBMP 323565	18.18 0.39 0.00	17.42 0.35 0.00	18.39 0.27 0.00	17.91 0.27 0.00	17.37 0.26 0.00	20.06 0.22 0.00	27.32 0.35 0.00	30.63 0.58 0.00	32.84 0.95 0.00	33.71 1.11 0.00	31.72 1.08 0.00	28.96 1.09 0.00	23.52 0.95 0.00	20.96 0.90 0.00	21.09 0.95 0.00	19.73 0.88 0.00	19.96 0.81 0.00	21.08 0.77 0.00	22.57 0.75 0.00	36.46 1.42 0.00	31.89 1.02 0.00	29.34 0.82 0.00	22.76 0.67 0.00	21.89 0.66 0.00
RANKINE____ 23646	17.89 0.10 0.00	17.19 0.12 0.00	18.26 0.14 0.00	17.74 0.11 0.00	17.31 0.20 0.00	20.26 0.42 0.00	27.65 0.69 0.00	30.71 0.65 0.00	32.37 0.48 0.00	32.76 0.16 0.00	30.34 -0.30 0.00	27.71 -0.15 0.00	22.47 -0.09 0.00	19.89 -0.16 0.00	20.04 -0.10 0.00	18.87 0.02 0.00	19.28 0.13 0.00	20.47 0.16 0.00	22.10 0.28 0.00	35.38 0.34 0.00	30.65 -0.22 0.00	28.61 0.08 0.00	22.33 0.24 0.00	21.39 0.16 0.00
RAVENSWOOD_GT2_1 24244	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.37 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT2_2 24245	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.37 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT2_3 24246	18.32 0.53 0.00	17.54 0.46 0.00	18.49 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.15 0.31 0.00	27.41 0.45 0.00	30.79 0.74 0.00	33.11 1.23 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.27 1.40 0.00	23.81 1.25 0.00	21.23 1.18 0.00	21.37 1.23 0.00	20.03 1.18 0.00	20.22 1.08 0.00	21.34 1.03 0.00	22.86 1.04 0.00	36.79 1.75 0.00	32.16 1.30 0.00	29.57 1.04 0.00	22.95 0.87 0.00	22.01 0.78 0.00

RAVENSWOOD_GT2_4 24247	18.32 0.53 0.00	17.54 0.46 0.00	18.49 0.37 0.00	18.02 0.39 0.00	17.49 0.38 0.00	20.15 0.31 0.00	27.41 0.45 0.00	30.79 0.74 0.00	33.11 1.23 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.27 1.40 0.00	23.81 1.25 0.00	21.23 1.18 0.00	21.37 1.23 0.00	20.03 1.18 0.00	20.22 1.08 0.00	21.34 1.03 0.00	22.86 1.04 0.00	36.79 1.75 0.00	32.16 1.30 0.00	29.57 1.04 0.00	22.95 0.87 0.00	22.01 0.78 0.00
RAVENSWOOD_GT3_1 24248	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.26 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT3_2 24249	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.26 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT3_3 24250	18.33 0.54 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.03 0.40 0.00	17.51 0.40 0.00	20.17 0.33 0.00	27.44 0.48 0.00	30.83 0.77 0.00	33.15 1.27 0.00	34.05 1.46 0.00	32.08 1.44 0.00	29.31 1.44 0.00	23.84 1.28 0.00	21.26 1.20 0.00	21.40 1.26 0.00	20.06 1.20 0.00	20.25 1.10 0.00	21.37 1.06 0.00	22.88 1.06 0.00	36.83 1.79 0.00	32.19 1.33 0.00	29.61 1.08 0.00	22.98 0.89 0.00	22.03 0.81 0.00
RAVENSWOOD_GT3_4 24251	18.33 0.54 0.00	17.56 0.48 0.00	18.50 0.39 0.00	18.03 0.40 0.00	17.51 0.40 0.00	20.17 0.33 0.00	27.44 0.48 0.00	30.83 0.77 0.00	33.15 1.27 0.00	34.05 1.46 0.00	32.08 1.44 0.00	29.31 1.44 0.00	23.84 1.28 0.00	21.26 1.20 0.00	21.40 1.26 0.00	20.06 1.20 0.00	20.25 1.10 0.00	21.37 1.06 0.00	22.88 1.06 0.00	36.83 1.79 0.00	32.19 1.33 0.00	29.61 1.08 0.00	22.98 0.89 0.00	22.03 0.81 0.00
RAVENSWOOD_GT_1 23729	18.35 0.56 0.00	17.57 0.50 0.00	18.51 0.40 0.00	18.05 0.41 0.00	17.52 0.41 0.00	20.17 0.33 0.00	27.46 0.50 0.00	30.87 0.81 0.00	33.20 1.31 0.00	34.10 1.51 0.00	32.13 1.48 0.00	29.34 1.48 0.00	23.88 1.32 0.00	21.30 1.24 0.00	21.43 1.29 0.00	20.11 1.26 0.00	20.28 1.14 0.00	21.40 1.09 0.00	22.91 1.09 0.00	36.86 1.82 0.00	32.22 1.36 0.00	29.64 1.11 0.00	23.00 0.91 0.00	22.05 0.83 0.00
RAVENSWOOD_GT_10 24258	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT_11 24259	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT_4 24252	18.31 0.52 0.00	17.53 0.46 0.00	18.49 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.79 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.01 1.16 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.01 0.78 0.00
RAVENSWOOD_GT_5 24254	18.31 0.52 0.00	17.53 0.46 0.00	18.49 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.79 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.01 1.16 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.01 0.78 0.00
RAVENSWOOD_GT_6 24253	18.31 0.52 0.00	17.53 0.46 0.00	18.49 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.79 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.01 1.16 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.01 0.78 0.00
RAVENSWOOD_GT_7 24255	18.31 0.52 0.00	17.53 0.46 0.00	18.49 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.79 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.01 1.16 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.85 1.03 0.00	36.79 1.74 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.01 0.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD_GT_9 24257	18.31 0.52 0.00	17.53 0.45 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.73 0.00	33.09 1.21 0.00	34.00 1.40 0.00	32.03 1.39 0.00	29.25 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.02 1.17 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.84 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.77 0.00
RAVENSWOOD___1 23533	18.32 0.53 0.00	17.54 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.28 1.42 0.00	23.82 1.27 0.00	21.24 1.19 0.00	21.38 1.24 0.00	20.07 1.22 0.00	20.24 1.09 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.29 0.00	29.58 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00

RAVENSWOOD___2 23534	18.32 0.53 0.00	17.54 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.28 1.42 0.00	23.82 1.27 0.00	21.24 1.19 0.00	21.38 1.24 0.00	20.07 1.22 0.00	20.24 1.09 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.29 0.00	29.58 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00
RAVENSWOOD___3 23535	18.31 0.52 0.00	17.53 0.46 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.78 0.72 0.00	33.09 1.21 0.00	34.00 1.41 0.00	32.04 1.39 0.00	29.26 1.39 0.00	23.80 1.23 0.00	21.22 1.17 0.00	21.36 1.22 0.00	20.03 1.18 0.00	20.22 1.07 0.00	21.33 1.02 0.00	22.85 1.02 0.00	36.78 1.73 0.00	32.14 1.28 0.00	29.55 1.03 0.00	22.94 0.85 0.00	22.00 0.78 0.00
RAVENSWOOD___4 23820	18.32 0.53 0.00	17.54 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.28 1.42 0.00	23.82 1.27 0.00	21.24 1.19 0.00	21.38 1.24 0.00	20.07 1.22 0.00	20.24 1.09 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.29 0.00	29.58 1.05 0.00	22.96 0.87 0.00	22.00 0.78 0.00
RCPI_TRUST___DRP 24196	18.32 0.54 0.00	17.54 0.47 0.00	18.49 0.38 0.00	18.03 0.39 0.00	17.50 0.39 0.00	20.16 0.31 0.00	27.41 0.45 0.00	30.81 0.75 0.00	33.12 1.23 0.00	34.04 1.44 0.00	32.07 1.43 0.00	29.28 1.42 0.00	23.82 1.26 0.00	21.24 1.19 0.00	21.38 1.24 0.00	20.04 1.19 0.00	20.24 1.09 0.00	21.35 1.05 0.00	22.88 1.06 0.00	36.80 1.75 0.00	32.15 1.29 0.00	29.57 1.04 0.00	22.96 0.87 0.00	22.01 0.79 0.00
RED___ROCHESTER 323720	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.39 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.55 -0.30 0.00	19.00 -0.15 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.25 0.00	28.43 -0.10 0.00	22.11 0.03 0.00	21.21 -0.01 0.00
REGAN___SOLAR 323812	19.46 1.67 0.00	18.62 1.55 0.00	19.78 1.67 0.00	19.27 1.64 0.00	18.76 1.65 0.00	21.94 2.09 0.00	29.99 3.03 0.00	33.47 3.41 0.00	35.51 3.63 0.00	36.18 3.59 0.00	33.89 3.25 0.00	30.72 2.85 0.00	24.33 1.77 0.00	21.37 1.32 0.00	21.53 1.39 0.00	20.01 1.16 0.00	20.47 1.32 0.00	22.07 1.76 0.00	24.01 2.19 0.00	39.05 4.01 0.00	34.35 3.49 0.00	31.74 3.21 0.00	24.41 2.32 0.00	23.35 2.13 0.00
RENSSELAER___COGEN 23796	18.04 0.25 0.00	17.31 0.23 0.00	18.30 0.18 0.00	17.84 0.21 0.00	17.28 0.17 0.00	19.98 0.14 0.00	26.99 0.03 0.00	30.16 0.11 0.00	32.12 0.24 0.00	32.72 0.12 0.00	30.86 0.21 0.00	28.07 0.20 0.00	22.67 0.11 0.00	20.14 0.08 0.00	20.19 0.05 0.00	18.91 0.06 0.00	19.30 0.15 0.00	20.37 0.06 0.00	21.82 0.00 0.00	35.05 0.01 0.00	30.76 -0.10 0.00	28.43 -0.10 0.00	22.09 0.00 0.00	21.36 0.14 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.92 1.14 0.00	18.01 0.93 0.00	19.22 1.11 0.00	18.77 1.14 0.00	18.37 1.25 0.00	21.25 1.41 0.00	28.72 1.76 0.00	32.11 2.06 0.00	33.90 2.01 0.00	34.41 1.81 0.00	32.69 2.05 0.00	29.63 1.77 0.00	23.75 1.19 0.00	21.17 1.11 0.00	21.12 0.98 0.00	19.75 0.89 0.00	20.09 0.94 0.00	21.90 1.59 0.00	23.41 1.59 0.00	38.29 3.24 0.00	33.77 2.90 0.00	31.15 2.62 0.00	23.73 1.64 0.00	22.90 1.67 0.00
REVERE_CPPR_DRP 24186	18.29 0.50 0.00	17.52 0.44 0.00	18.62 0.51 0.00	18.17 0.53 0.00	17.67 0.56 0.00	20.57 0.73 0.00	28.11 1.15 0.00	31.42 1.37 0.00	33.30 1.41 0.00	34.05 1.46 0.00	31.90 1.25 0.00	28.89 1.03 0.00	23.20 0.64 0.00	20.52 0.47 0.00	20.54 0.40 0.00	19.20 0.34 0.00	19.55 0.40 0.00	20.78 0.47 0.00	22.56 0.74 0.00	36.45 1.40 0.00	32.07 1.21 0.00	29.60 1.07 0.00	22.82 0.73 0.00	21.91 0.69 0.00
REYNOLDS_115KV_TB3 80639	18.08 0.29 0.00	17.35 0.28 0.00	18.36 0.24 0.00	17.90 0.26 0.00	17.32 0.21 0.00	20.02 0.18 0.00	27.04 0.08 0.00	30.23 0.18 0.00	32.20 0.31 0.00	32.80 0.21 0.00	30.96 0.32 0.00	28.17 0.31 0.00	22.78 0.21 0.00	20.25 0.20 0.00	20.32 0.18 0.00	19.01 0.16 0.00	19.39 0.24 0.00	20.45 0.14 0.00	21.91 0.09 0.00	35.26 0.22 0.00	30.96 0.09 0.00	28.61 0.08 0.00	22.19 0.10 0.00	21.47 0.25 0.00
RIVERBAY____ 323610	18.36 0.57 0.00	17.58 0.51 0.00	18.54 0.42 0.00	18.09 0.46 0.00	17.55 0.44 0.00	20.25 0.40 0.00	27.60 0.65 0.00	31.02 0.96 0.00	33.31 1.42 0.00	34.15 1.55 0.00	32.16 1.52 0.00	29.36 1.49 0.00	23.88 1.32 0.00	21.25 1.20 0.00	21.37 1.23 0.00	20.07 1.22 0.00	20.19 1.05 0.00	21.34 1.03 0.00	22.86 1.04 0.00	36.81 1.77 0.00	32.22 1.35 0.00	29.64 1.11 0.00	22.99 0.91 0.00	22.05 0.83 0.00
RIVERSDE_115KV_TB3 55908	18.07 0.28 0.00	17.35 0.27 0.00	18.34 0.23 0.00	17.88 0.24 0.00	17.32 0.21 0.00	20.02 0.18 0.00	27.04 0.08 0.00	30.24 0.18 0.00	32.20 0.32 0.00	32.80 0.21 0.00	30.95 0.30 0.00	28.15 0.29 0.00	22.75 0.18 0.00	20.21 0.15 0.00	20.27 0.13 0.00	18.98 0.12 0.00	19.37 0.22 0.00	20.43 0.12 0.00	21.89 0.06 0.00	35.19 0.14 0.00	30.88 0.02 0.00	28.54 0.01 0.00	22.16 0.07 0.00	21.43 0.20 0.00
ROARING___BROOK_WT_PWR 323790	17.73 -0.06 0.00	17.06 -0.02 0.00	18.14 0.03 0.00	17.67 0.04 0.00	17.16 0.04 0.00	19.92 0.08 0.00	27.07 0.11 0.00	30.09 0.04 0.00	31.86 -0.02 0.00	32.60 0.01 0.00	30.65 0.01 0.00	27.86 -0.01 0.00	22.55 -0.01 0.00	20.02 -0.04 0.00	20.07 -0.06 0.00	18.76 -0.09 0.00	19.04 -0.11 0.00	20.21 -0.10 0.00	21.73 -0.10 0.00	34.82 -0.23 0.00	30.74 -0.12 0.00	28.46 -0.07 0.00	21.99 -0.10 0.00	21.17 -0.06 0.00
ROCHESRG_115KV_T4 355643	17.56 -0.23 0.00	16.87 -0.20 0.00	17.91 -0.21 0.00	17.42 -0.22 0.00	16.98 -0.13 0.00	19.82 -0.03 0.00	27.03 0.07 0.00	30.08 0.03 0.00	31.69 -0.20 0.00	32.15 -0.45 0.00	29.92 -0.72 0.00	27.18 -0.68 0.00	21.99 -0.57 0.00	19.50 -0.56 0.00	19.61 -0.52 0.00	18.42 -0.44 0.00	18.81 -0.34 0.00	20.01 -0.30 0.00	21.63 -0.19 0.00	34.68 -0.36 0.00	30.29 -0.58 0.00	28.14 -0.40 0.00	21.90 -0.19 0.00	21.02 -0.20 0.00
ROCHESTER_9_IC 23652	17.65 -0.14 0.00	16.95 -0.12 0.00	17.99 -0.12 0.00	17.50 -0.13 0.00	17.06 -0.05 0.00	19.92 0.08 0.00	27.18 0.22 0.00	30.26 0.21 0.00	31.88 0.00 0.00	32.35 -0.25 0.00	30.09 -0.55 0.00	27.32 -0.54 0.00	22.09 -0.47 0.00	19.59 -0.46 0.00	19.70 -0.43 0.00	18.50 -0.35 0.00	18.91 -0.24 0.00	20.11 -0.19 0.00	21.75 -0.07 0.00	34.89 -0.15 0.00	30.47 -0.39 0.00	28.29 -0.24 0.00	22.02 -0.07 0.00	21.13 -0.10 0.00

ROCKVIEW_13_KV_LD 356306	18.33 0.54 0.00	17.55 0.48 0.00	18.52 0.41 0.00	18.04 0.41 0.00	17.51 0.40 0.00	20.20 0.36 0.00	27.47 0.51 0.00	30.82 0.77 0.00	33.06 1.18 0.00	33.95 1.36 0.00	31.99 1.35 0.00	29.21 1.35 0.00	23.74 1.18 0.00	21.17 1.12 0.00	21.30 1.16 0.00	19.94 1.09 0.00	20.15 1.00 0.00	21.29 0.98 0.00	22.81 0.98 0.00	36.78 1.74 0.00	32.15 1.29 0.00	29.58 1.05 0.00	22.94 0.85 0.00	22.01 0.79 0.00
ROME____115KV_TB2 80656	18.29 0.50 0.00	17.52 0.44 0.00	18.62 0.51 0.00	18.17 0.53 0.00	17.67 0.56 0.00	20.57 0.73 0.00	28.11 1.15 0.00	31.42 1.37 0.00	33.30 1.41 0.00	34.05 1.46 0.00	31.90 1.25 0.00	28.89 1.03 0.00	23.20 0.64 0.00	20.52 0.47 0.00	20.54 0.40 0.00	19.20 0.34 0.00	19.55 0.40 0.00	20.78 0.47 0.00	22.56 0.74 0.00	36.45 1.40 0.00	32.07 1.21 0.00	29.60 1.07 0.00	22.82 0.73 0.00	21.91 0.69 0.00
ROSETON___1 23587	18.15 0.36 0.00	17.40 0.32 0.00	18.38 0.27 0.00	17.91 0.27 0.00	17.37 0.26 0.00	20.06 0.21 0.00	27.23 0.26 0.00	30.51 0.46 0.00	32.66 0.78 0.00	33.48 0.89 0.00	31.56 0.91 0.00	28.79 0.92 0.00	23.38 0.81 0.00	20.85 0.79 0.00	20.95 0.82 0.00	19.61 0.75 0.00	19.83 0.68 0.00	20.96 0.65 0.00	22.46 0.64 0.00	36.23 1.18 0.00	31.72 0.85 0.00	29.20 0.67 0.00	22.63 0.54 0.00	21.76 0.53 0.00
ROSETON___2 23588	18.15 0.36 0.00	17.40 0.32 0.00	18.38 0.27 0.00	17.91 0.27 0.00	17.37 0.26 0.00	20.06 0.21 0.00	27.23 0.26 0.00	30.51 0.46 0.00	32.66 0.78 0.00	33.48 0.89 0.00	31.56 0.91 0.00	28.79 0.92 0.00	23.38 0.81 0.00	20.85 0.79 0.00	20.95 0.82 0.00	19.61 0.75 0.00	19.83 0.68 0.00	20.96 0.65 0.00	22.46 0.64 0.00	36.23 1.18 0.00	31.72 0.85 0.00	29.20 0.67 0.00	22.63 0.54 0.00	21.76 0.53 0.00
ROTTDAM_115KV_TB3 80664	18.12 0.32 0.00	17.36 0.29 0.00	18.43 0.32 0.00	17.95 0.31 0.00	17.39 0.28 0.00	20.16 0.32 0.00	27.35 0.39 0.00	30.56 0.50 0.00	32.51 0.63 0.00	33.22 0.62 0.00	31.29 0.64 0.00	28.47 0.60 0.00	23.01 0.45 0.00	20.45 0.39 0.00	20.53 0.39 0.00	19.21 0.35 0.00	19.50 0.35 0.00	20.69 0.39 0.00	22.23 0.41 0.00	35.85 0.80 0.00	31.47 0.61 0.00	29.06 0.53 0.00	22.48 0.39 0.00	21.63 0.41 0.00
RUSSELL___1 23602	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.38 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.57 -0.29 0.00	18.98 -0.17 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.24 0.00	28.43 -0.10 0.00	22.11 0.02 0.00	21.21 -0.01 0.00
RUSSELL___2 23532	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.38 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.57 -0.29 0.00	18.98 -0.17 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.24 0.00	28.43 -0.10 0.00	22.11 0.02 0.00	21.21 -0.01 0.00
RUSSELL___3 23549	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.38 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.57 -0.29 0.00	18.98 -0.17 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.24 0.00	28.43 -0.10 0.00	22.11 0.02 0.00	21.21 -0.01 0.00
RUSSELL___4 23556	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.38 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.57 -0.29 0.00	18.98 -0.17 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.24 0.00	28.43 -0.10 0.00	22.11 0.02 0.00	21.21 -0.01 0.00
RUSSELL___STATION 23914	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.38 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.57 -0.29 0.00	18.98 -0.17 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.24 0.00	28.43 -0.10 0.00	22.11 0.02 0.00	21.21 -0.01 0.00
S SALMON___HYD 24043	17.36 -0.43 0.00	16.67 -0.41 0.00	17.72 -0.39 0.00	17.30 -0.33 0.00	16.84 -0.27 0.00	19.55 -0.29 0.00	26.64 -0.32 0.00	29.75 -0.30 0.00	31.37 -0.52 0.00	31.93 -0.66 0.00	29.88 -0.77 0.00	26.98 -0.88 0.00	21.75 -0.81 0.00	19.26 -0.80 0.00	19.29 -0.85 0.00	18.07 -0.78 0.00	18.36 -0.79 0.00	19.54 -0.77 0.00	21.14 -0.68 0.00	34.21 -0.83 0.00	30.10 -0.76 0.00	27.74 -0.78 0.00	21.48 -0.60 0.00	20.75 -0.48 0.00
S.PERRY__115KV_TB1 80734	18.41 0.62 0.00	17.65 0.58 0.00	18.72 0.60 0.00	18.21 0.57 0.00	17.71 0.60 0.00	20.62 0.78 0.00	28.36 1.40 0.00	31.63 1.58 0.00	33.69 1.80 0.00	34.48 1.89 0.00	31.96 1.32 0.00	28.69 0.83 0.00	23.03 0.47 0.00	20.40 0.34 0.00	20.48 0.34 0.00	19.22 0.36 0.00	19.56 0.42 0.00	20.71 0.40 0.00	22.60 0.78 0.00	36.71 1.66 0.00	32.05 1.19 0.00	29.64 1.11 0.00	22.98 0.89 0.00	21.92 0.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.68 -0.11 0.00	17.00 -0.08 0.00	18.05 -0.06 0.00	17.54 -0.10 0.00	17.12 0.01 0.00	20.03 0.19 0.00	27.32 0.36 0.00	30.32 0.26 0.00	31.91 0.02 0.00	32.26 -0.34 0.00	29.89 -0.75 0.00	27.32 -0.55 0.00	22.16 -0.40 0.00	19.62 -0.43 0.00	19.77 -0.37 0.00	18.61 -0.24 0.00	19.03 -0.11 0.00	20.21 -0.09 0.00	21.83 0.00 0.00	34.90 -0.15 0.00	30.27 -0.60 0.00	28.27 -0.26 0.00	22.10 0.01 0.00	21.19 -0.03 0.00
SAWYER___23_KV_LOAD 55526	17.68 -0.11 0.00	17.00 -0.08 0.00	18.05 -0.06 0.00	17.54 -0.10 0.00	17.12 0.01 0.00	20.03 0.19 0.00	27.32 0.36 0.00	30.32 0.26 0.00	31.91 0.02 0.00	32.26 -0.34 0.00	29.89 -0.75 0.00	27.32 -0.55 0.00	22.16 -0.40 0.00	19.62 -0.43 0.00	19.77 -0.37 0.00	18.61 -0.24 0.00	19.03 -0.11 0.00	20.21 -0.09 0.00	21.83 0.00 0.00	34.90 -0.15 0.00	30.27 -0.60 0.00	28.27 -0.26 0.00	22.10 0.01 0.00	21.19 -0.03 0.00
SELKIRK___I 23801	18.13 0.34 0.00	17.45 0.37 0.00	18.44 0.33 0.00	17.98 0.34 0.00	17.41 0.30 0.00	20.16 0.31 0.00	27.25 0.29 0.00	30.42 0.36 0.00	32.35 0.46 0.00	32.99 0.39 0.00	31.07 0.43 0.00	28.26 0.40 0.00	22.85 0.29 0.00	20.30 0.24 0.00	20.35 0.22 0.00	19.08 0.22 0.00	19.43 0.28 0.00	20.54 0.23 0.00	22.03 0.21 0.00	35.45 0.40 0.00	31.11 0.24 0.00	28.73 0.21 0.00	22.29 0.20 0.00	21.52 0.29 0.00

SELKIRK___II 23799	18.04 0.25 0.00	17.32 0.25 0.00	18.33 0.21 0.00	17.86 0.23 0.00	17.30 0.19 0.00	20.02 0.17 0.00	27.08 0.12 0.00	30.26 0.20 0.00	32.22 0.33 0.00	32.86 0.26 0.00	30.98 0.33 0.00	28.19 0.32 0.00	22.81 0.25 0.00	20.27 0.22 0.00	20.33 0.19 0.00	19.04 0.19 0.00	19.39 0.24 0.00	20.48 0.17 0.00	21.96 0.14 0.00	35.32 0.28 0.00	31.01 0.14 0.00	28.63 0.10 0.00	22.21 0.12 0.00	21.44 0.22 0.00
SENECA OSWGO___HYD 24041	17.39 -0.40 0.00	16.68 -0.39 0.00	17.69 -0.42 0.00	17.23 -0.40 0.00	16.74 -0.38 0.00	19.42 -0.42 0.00	26.45 -0.51 0.00	29.53 -0.53 0.00	31.15 -0.73 0.00	31.78 -0.82 0.00	29.83 -0.81 0.00	27.00 -0.87 0.00	21.82 -0.74 0.00	19.39 -0.67 0.00	19.46 -0.67 0.00	18.24 -0.61 0.00	18.59 -0.55 0.00	19.69 -0.62 0.00	21.27 -0.56 0.00	34.21 -0.83 0.00	30.05 -0.82 0.00	27.76 -0.76 0.00	21.51 -0.58 0.00	20.71 -0.52 0.00
SENECA___115KV_TB3 355854	17.91 0.12 0.00	17.22 0.14 0.00	18.28 0.17 0.00	17.76 0.13 0.00	17.34 0.23 0.00	20.29 0.45 0.00	27.69 0.73 0.00	30.75 0.70 0.00	32.42 0.54 0.00	32.82 0.22 0.00	30.40 -0.24 0.00	27.76 -0.11 0.00	22.51 -0.05 0.00	19.93 -0.13 0.00	20.07 -0.07 0.00	18.90 0.05 0.00	19.31 0.16 0.00	20.50 0.19 0.00	22.14 0.31 0.00	35.43 0.39 0.00	30.70 -0.16 0.00	28.66 0.13 0.00	22.36 0.27 0.00	21.43 0.20 0.00
SENECA___ENERGY 23797	17.63 -0.15 0.00	16.92 -0.16 0.00	17.95 -0.17 0.00	17.47 -0.16 0.00	16.98 -0.13 0.00	19.77 -0.07 0.00	27.04 0.08 0.00	30.19 0.14 0.00	31.91 0.02 0.00	32.57 -0.02 0.00	30.50 -0.14 0.00	27.65 -0.21 0.00	22.26 -0.30 0.00	19.72 -0.34 0.00	19.81 -0.33 0.00	18.57 -0.29 0.00	18.87 -0.28 0.00	20.05 -0.25 0.00	21.74 -0.09 0.00	34.96 -0.09 0.00	30.57 -0.29 0.00	28.30 -0.23 0.00	21.94 -0.15 0.00	21.07 -0.15 0.00
SHOEMAKER___GT 23640	18.13 0.34 0.00	17.37 0.30 0.00	18.36 0.25 0.00	17.88 0.25 0.00	17.35 0.24 0.00	20.06 0.21 0.00	27.25 0.29 0.00	30.53 0.48 0.00	32.68 0.79 0.00	33.50 0.91 0.00	31.55 0.90 0.00	28.78 0.92 0.00	23.35 0.79 0.00	20.82 0.77 0.00	20.91 0.77 0.00	19.56 0.71 0.00	19.79 0.65 0.00	20.93 0.62 0.00	22.45 0.62 0.00	36.24 1.19 0.00	31.72 0.86 0.00	29.21 0.68 0.00	22.65 0.56 0.00	21.78 0.56 0.00
SHOEMAKR_138KV_BK 111 55601	18.12 0.33 0.00	17.37 0.29 0.00	18.35 0.24 0.00	17.87 0.24 0.00	17.34 0.22 0.00	20.04 0.20 0.00	27.25 0.29 0.00	30.52 0.47 0.00	32.67 0.79 0.00	33.50 0.90 0.00	31.54 0.90 0.00	28.77 0.91 0.00	23.35 0.79 0.00	20.81 0.76 0.00	20.91 0.77 0.00	19.56 0.71 0.00	19.80 0.65 0.00	20.93 0.62 0.00	22.45 0.62 0.00	36.22 1.18 0.00	31.71 0.84 0.00	29.21 0.68 0.00	22.64 0.55 0.00	21.77 0.54 0.00
SHOREHAM_IC_1 23715	18.59 0.80 0.00	17.83 0.76 0.00	18.80 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.58 0.73 0.00	27.67 0.70 0.00	30.66 0.61 0.00	33.12 1.23 0.00	34.34 1.74 0.00	32.27 1.59 -0.03	29.55 1.61 -0.07	24.52 1.52 -0.44	21.66 1.22 -0.39	22.24 1.35 -0.75	20.01 1.16 0.00	19.83 0.68 0.00	21.47 1.16 0.00	23.09 1.27 0.00	38.42 2.74 -0.63	32.89 2.02 0.00	30.15 1.62 0.00	23.43 1.34 0.00	22.40 1.18 0.00
SHOREHAM_IC_2 23716	18.59 0.80 0.00	17.83 0.76 0.00	18.80 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.58 0.73 0.00	27.67 0.70 0.00	30.66 0.61 0.00	33.12 1.23 0.00	34.34 1.74 0.00	32.27 1.59 -0.03	29.55 1.61 -0.07	24.52 1.52 -0.44	21.66 1.22 -0.39	22.24 1.35 -0.75	20.01 1.16 0.00	19.83 0.68 0.00	21.47 1.16 0.00	23.09 1.27 0.00	38.42 2.74 -0.63	32.89 2.02 0.00	30.15 1.62 0.00	23.43 1.34 0.00	22.40 1.18 0.00
SISSONVILLE____ 23735	17.47 -0.31 0.00	16.78 -0.29 0.00	17.90 -0.22 0.00	17.43 -0.20 0.00	16.96 -0.15 0.00	19.76 -0.09 0.00	26.90 -0.06 0.00	29.80 -0.26 0.00	31.40 -0.49 0.00	32.12 -0.48 0.00	30.11 -0.54 0.00	27.21 -0.65 0.00	21.98 -0.58 0.00	19.47 -0.58 0.00	19.53 -0.60 0.00	18.27 -0.58 0.00	18.56 -0.59 0.00	19.87 -0.44 0.00	21.50 -0.33 0.00	34.60 -0.44 0.00	30.69 -0.17 0.00	28.38 -0.14 0.00	21.86 -0.23 0.00	20.84 -0.38 0.00
SITHE_IND_GS1 24169	17.23 -0.56 0.00	16.54 -0.54 0.00	17.54 -0.58 0.00	17.08 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.16 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.45 -1.14 0.00	29.51 -1.14 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.29 -0.77 0.00	19.36 -0.78 0.00	18.15 -0.71 0.00	18.45 -0.70 0.00	19.56 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.54 -0.69 0.00
SITHE_IND_GS2 24170	17.23 -0.56 0.00	16.54 -0.54 0.00	17.54 -0.58 0.00	17.08 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.16 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.45 -1.14 0.00	29.51 -1.14 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.29 -0.77 0.00	19.36 -0.78 0.00	18.15 -0.71 0.00	18.45 -0.70 0.00	19.56 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.54 -0.69 0.00
SITHE_IND_GS3 24171	17.23 -0.56 0.00	16.54 -0.54 0.00	17.54 -0.58 0.00	17.08 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.16 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.45 -1.14 0.00	29.51 -1.14 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.29 -0.77 0.00	19.36 -0.78 0.00	18.15 -0.71 0.00	18.45 -0.70 0.00	19.56 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.54 -0.69 0.00
SITHE_IND_GS4 24172	17.23 -0.56 0.00	16.54 -0.54 0.00	17.54 -0.58 0.00	17.08 -0.56 0.00	16.58 -0.53 0.00	19.23 -0.61 0.00	26.16 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.45 -1.14 0.00	29.51 -1.14 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.29 -0.77 0.00	19.36 -0.78 0.00	18.15 -0.71 0.00	18.45 -0.70 0.00	19.56 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.54 -0.69 0.00
SITHE___BATAVIA 24024	17.96 0.17 0.00	17.25 0.17 0.00	18.32 0.21 0.00	17.82 0.18 0.00	17.40 0.29 0.00	20.40 0.55 0.00	27.89 0.94 0.00	31.02 0.97 0.00	32.66 0.78 0.00	33.04 0.44 0.00	30.54 -0.11 0.00	27.67 -0.19 0.00	22.40 -0.17 0.00	19.80 -0.25 0.00	19.91 -0.22 0.00	18.69 -0.16 0.00	19.18 0.04 0.00	20.43 0.12 0.00	22.24 0.42 0.00	35.67 0.63 0.00	31.02 0.16 0.00	28.90 0.37 0.00	22.57 0.48 0.00	21.62 0.39 0.00
SITHE___INDEPEND 23800	17.23 -0.56 0.00	16.54 -0.54 0.00	17.54 -0.58 0.00	17.08 -0.56 0.00	16.58 -0.53 0.00	19.24 -0.61 0.00	26.15 -0.80 0.00	29.17 -0.89 0.00	30.82 -1.07 0.00	31.45 -1.14 0.00	29.51 -1.14 0.00	26.80 -1.07 0.00	21.69 -0.87 0.00	19.29 -0.77 0.00	19.36 -0.78 0.00	18.15 -0.71 0.00	18.45 -0.70 0.00	19.56 -0.75 0.00	21.07 -0.76 0.00	33.85 -1.19 0.00	29.74 -1.13 0.00	27.49 -1.04 0.00	21.31 -0.78 0.00	20.53 -0.69 0.00

SITHE___MASSENA 23902	17.92 0.13 0.00	17.22 0.14 0.00	18.32 0.21 0.00	17.82 0.19 0.00	17.33 0.21 0.00	20.16 0.31 0.00	27.42 0.46 0.00	30.36 0.30 0.00	32.03 0.14 0.00	32.78 0.18 0.00	30.79 0.15 0.00	27.94 0.08 0.00	22.61 0.05 0.00	20.06 0.01 0.00	20.14 0.01 0.00	18.86 0.00 0.00	19.17 0.02 0.00	20.45 0.15 0.00	22.04 0.21 0.00	35.33 0.28 0.00	31.30 0.43 0.00	28.97 0.44 0.00	22.37 0.28 0.00	21.33 0.10 0.00
SITHE___OGDNSBRG 24021	18.02 0.23 0.00	17.30 0.22 0.00	18.43 0.32 0.00	17.94 0.30 0.00	17.46 0.35 0.00	20.34 0.50 0.00	27.73 0.77 0.00	30.68 0.62 0.00	32.26 0.37 0.00	32.91 0.32 0.00	30.79 0.14 0.00	27.83 -0.03 0.00	22.53 -0.03 0.00	19.97 -0.08 0.00	20.09 -0.05 0.00	18.76 -0.09 0.00	19.07 -0.08 0.00	20.40 0.09 0.00	22.08 0.25 0.00	35.65 0.60 0.00	31.65 0.79 0.00	29.28 0.75 0.00	22.56 0.47 0.00	21.46 0.23 0.00
SITHE___STERLING 23777	18.16 0.37 0.00	17.41 0.33 0.00	18.48 0.37 0.00	18.02 0.39 0.00	17.51 0.40 0.00	20.37 0.53 0.00	27.80 0.84 0.00	31.06 1.01 0.00	32.90 1.01 0.00	33.62 1.03 0.00	31.53 0.88 0.00	28.59 0.73 0.00	23.00 0.44 0.00	20.34 0.29 0.00	20.40 0.27 0.00	19.06 0.21 0.00	19.40 0.25 0.00	20.61 0.30 0.00	22.33 0.51 0.00	36.04 0.99 0.00	31.72 0.86 0.00	29.28 0.75 0.00	22.61 0.52 0.00	21.71 0.49 0.00
SLEIGHT__34_KV_TB1 80719	17.53 -0.26 0.00	16.83 -0.25 0.00	17.85 -0.26 0.00	17.37 -0.26 0.00	16.92 -0.19 0.00	19.73 -0.11 0.00	26.95 -0.01 0.00	30.03 -0.02 0.00	31.67 -0.22 0.00	32.26 -0.34 0.00	30.10 -0.55 0.00	27.29 -0.58 0.00	22.03 -0.53 0.00	19.52 -0.54 0.00	19.60 -0.53 0.00	18.41 -0.44 0.00	18.76 -0.39 0.00	20.01 -0.30 0.00	21.65 -0.18 0.00	34.73 -0.31 0.00	30.39 -0.48 0.00	28.10 -0.43 0.00	21.84 -0.25 0.00	20.97 -0.26 0.00
SOUTH CAIRO___GT 23612	18.70 0.90 0.00	17.94 0.87 0.00	19.01 0.89 0.00	18.54 0.91 0.00	17.98 0.87 0.00	20.86 1.02 0.00	28.13 1.17 0.00	31.07 1.01 0.00	32.95 1.06 0.00	33.61 1.01 0.00	31.61 0.97 0.00	29.11 1.24 0.00	23.43 0.87 0.00	20.68 0.62 0.00	20.45 0.32 0.00	19.47 0.62 0.00	19.89 0.75 0.00	21.02 0.71 0.00	22.64 0.81 0.00	36.59 1.55 0.00	32.11 1.25 0.00	29.65 1.12 0.00	22.95 0.86 0.00	22.14 0.92 0.00
SOUTH HAMPTN___IC 23720	18.84 1.04 0.00	18.06 0.99 0.00	19.05 0.93 0.00	18.54 0.90 0.00	18.01 0.90 0.00	20.86 1.02 0.00	28.12 1.16 0.00	31.23 1.17 0.00	33.73 1.84 0.00	34.96 2.36 0.00	32.85 2.17 -0.03	30.09 2.16 -0.07	24.95 1.95 -0.44	22.05 1.61 -0.38	22.62 1.74 -0.74	20.38 1.53 0.00	20.18 1.03 0.00	21.84 1.53 0.00	23.50 1.67 0.00	39.08 3.41 -0.63	33.45 2.58 0.00	30.66 2.13 0.00	23.81 1.72 0.00	22.75 1.53 0.00
SOUTHDOW__115KV_TB1 355954	18.55 0.76 0.00	17.79 0.72 0.00	18.84 0.73 0.00	18.35 0.71 0.00	17.88 0.77 0.00	20.95 1.11 0.00	28.80 1.84 0.00	32.19 2.14 0.00	34.08 2.20 0.00	34.67 2.08 0.00	32.10 1.46 0.00	29.36 1.50 0.00	23.73 1.16 0.00	20.99 0.94 0.00	21.12 0.98 0.00	19.84 0.99 0.00	20.17 1.02 0.00	21.30 0.99 0.00	23.05 1.23 0.00	37.00 1.95 0.00	31.80 0.93 0.00	29.52 0.99 0.00	22.93 0.84 0.00	22.10 0.87 0.00
SOUTHOLD_69_KV_BK 2 55809	18.95 1.16 0.00	18.19 1.11 0.00	19.17 1.05 0.00	18.65 1.01 0.00	18.11 1.00 0.00	20.99 1.15 0.00	28.34 1.38 0.00	31.51 1.45 0.00	34.02 2.14 0.00	35.21 2.62 0.00	33.10 2.43 -0.03	30.33 2.40 -0.07	25.14 2.14 -0.44	22.21 1.78 -0.38	22.76 1.88 -0.74	20.54 1.69 0.00	20.32 1.17 0.00	22.01 1.71 0.00	23.69 1.87 0.00	39.41 3.74 -0.63	33.73 2.86 0.00	30.91 2.38 0.00	24.00 1.91 0.00	22.92 1.69 0.00
SOUTHOLD___IC 23719	18.95 1.16 0.00	18.19 1.11 0.00	19.17 1.05 0.00	18.65 1.02 0.00	18.11 1.00 0.00	20.99 1.15 0.00	28.33 1.38 0.00	31.50 1.45 0.00	34.02 2.14 0.00	35.21 2.62 0.00	33.10 2.42 -0.03	30.33 2.40 -0.07	25.14 2.14 -0.44	22.22 1.78 -0.38	22.76 1.88 -0.74	20.54 1.69 0.00	20.32 1.17 0.00	22.01 1.71 0.00	23.70 1.87 0.00	39.42 3.74 -0.63	33.74 2.87 0.00	30.91 2.38 0.00	23.99 1.91 0.00	22.92 1.70 0.00
SOUTH_FORK_WT_PWR 323839	18.99 1.20 0.00	18.22 1.14 0.00	19.21 1.10 0.00	18.68 1.04 0.00	18.13 1.02 0.00	21.03 1.18 0.00	28.40 1.44 0.00	31.58 1.52 0.00	34.10 2.21 0.00	35.27 2.67 0.00	33.16 2.49 -0.03	30.40 2.46 -0.07	25.18 2.18 -0.44	22.25 1.82 -0.38	22.77 1.90 -0.74	20.57 1.72 0.00	20.34 1.19 0.00	22.05 1.74 0.00	23.74 1.92 0.00	39.51 3.83 -0.63	33.81 2.94 0.00	30.98 2.45 0.00	24.04 1.95 0.00	22.97 1.75 0.00
SPIERFLS_115KV_TB 1 80737	18.16 0.37 0.00	17.39 0.32 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.51 0.40 0.00	20.28 0.44 0.00	27.54 0.58 0.00	30.81 0.76 0.00	32.73 0.85 0.00	33.39 0.79 0.00	31.54 0.89 0.00	28.65 0.78 0.00	23.06 0.50 0.00	20.46 0.40 0.00	20.48 0.35 0.00	19.13 0.28 0.00	19.46 0.32 0.00	20.83 0.52 0.00	22.39 0.57 0.00	36.23 1.19 0.00	31.86 0.99 0.00	29.38 0.85 0.00	22.60 0.51 0.00	21.78 0.55 0.00
ST LAWRENCE___ 23600	17.78 0.00 0.00	17.09 0.02 0.00	18.18 0.06 0.00	17.68 0.05 0.00	17.18 0.07 0.00	19.97 0.13 0.00	27.16 0.20 0.00	30.09 0.04 0.00	31.77 -0.12 0.00	32.52 -0.07 0.00	30.57 -0.07 0.00	27.75 -0.12 0.00	22.47 -0.09 0.00	19.94 -0.11 0.00	20.02 -0.11 0.00	18.74 -0.11 0.00	19.05 -0.10 0.00	20.31 0.01 0.00	21.87 0.04 0.00	35.01 -0.03 0.00	31.02 0.15 0.00	28.73 0.20 0.00	22.19 0.10 0.00	21.16 -0.06 0.00
STATE_CA_115KV_115_LB 55624	18.13 0.34 0.00	17.39 0.31 0.00	18.38 0.27 0.00	17.93 0.29 0.00	17.37 0.25 0.00	20.08 0.24 0.00	27.14 0.18 0.00	30.35 0.29 0.00	32.33 0.44 0.00	32.92 0.32 0.00	31.06 0.42 0.00	28.25 0.39 0.00	22.81 0.24 0.00	20.24 0.19 0.00	20.31 0.17 0.00	19.02 0.16 0.00	19.42 0.27 0.00	20.49 0.18 0.00	21.96 0.14 0.00	35.25 0.21 0.00	30.93 0.06 0.00	28.58 0.05 0.00	22.19 0.10 0.00	21.46 0.24 0.00
STATE_ST_34_KV_LOAD 55959	17.75 -0.04 0.00	17.03 -0.05 0.00	18.06 -0.05 0.00	17.59 -0.04 0.00	17.10 -0.01 0.00	19.88 0.04 0.00	27.12 0.16 0.00	30.25 0.20 0.00	31.85 -0.04 0.00	32.57 -0.02 0.00	30.52 -0.12 0.00	27.69 -0.18 0.00	22.34 -0.22 0.00	19.77 -0.29 0.00	19.82 -0.31 0.00	18.62 -0.23 0.00	18.88 -0.26 0.00	20.15 -0.16 0.00	21.80 -0.03 0.00	35.03 -0.01 0.00	30.73 -0.14 0.00	28.35 -0.18 0.00	22.01 -0.08 0.00	21.16 -0.06 0.00
STATION 5_MISC_HYD 23604	17.65 -0.14 0.00	16.95 -0.12 0.00	17.99 -0.12 0.00	17.50 -0.13 0.00	17.06 -0.05 0.00	19.92 0.08 0.00	27.18 0.22 0.00	30.27 0.21 0.00	31.88 0.00 0.00	32.36 -0.24 0.00	30.09 -0.55 0.00	27.32 -0.54 0.00	22.10 -0.46 0.00	19.59 -0.46 0.00	19.71 -0.43 0.00	18.49 -0.36 0.00	18.93 -0.21 0.00	20.12 -0.19 0.00	21.75 -0.07 0.00	34.89 -0.15 0.00	30.47 -0.40 0.00	28.30 -0.23 0.00	22.02 -0.07 0.00	21.12 -0.10 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.72 -0.07 0.00	17.01 -0.06 0.00	18.06 -0.06 0.00	17.57 -0.06 0.00	17.11 0.00 0.00	19.96 0.12 0.00	27.30 0.34 0.00	30.44 0.39 0.00	32.15 0.27 0.00	32.72 0.12 0.00	30.49 -0.15 0.00	27.62 -0.24 0.00	22.28 -0.28 0.00	19.74 -0.31 0.00	19.84 -0.30 0.00	18.62 -0.23 0.00	18.98 -0.16 0.00	20.22 -0.09 0.00	21.90 0.07 0.00	35.18 0.13 0.00	30.74 -0.13 0.00	28.49 -0.04 0.00	22.12 0.03 0.00	21.21 -0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.54 -0.25 0.00	16.85 -0.22 0.00	17.88 -0.23 0.00	17.39 -0.24 0.00	16.96 -0.15 0.00	19.79 -0.06 0.00	27.02 0.05 0.00	30.26 0.21 0.00	31.63 -0.25 0.00	32.09 -0.51 0.00	29.87 -0.77 0.00	27.11 -0.76 0.00	21.91 -0.65 0.00	19.43 -0.62 0.00	19.54 -0.60 0.00	18.38 -0.48 0.00	18.78 -0.36 0.00	19.98 -0.32 0.00	21.61 -0.21 0.00	34.67 -0.38 0.00	30.29 -0.57 0.00	28.11 -0.42 0.00	21.87 -0.22 0.00	20.98 -0.24 0.00
STA_56____34_KV_BUS2 355983	17.54 -0.25 0.00	16.85 -0.22 0.00	17.88 -0.23 0.00	17.39 -0.24 0.00	16.96 -0.15 0.00	19.79 -0.06 0.00	27.02 0.05 0.00	30.26 0.21 0.00	31.63 -0.25 0.00	32.09 -0.51 0.00	29.87 -0.77 0.00	27.11 -0.76 0.00	21.91 -0.65 0.00	19.43 -0.62 0.00	19.54 -0.60 0.00	18.38 -0.48 0.00	18.78 -0.36 0.00	19.98 -0.32 0.00	21.61 -0.21 0.00	34.67 -0.38 0.00	30.29 -0.57 0.00	28.11 -0.42 0.00	21.87 -0.22 0.00	20.98 -0.24 0.00
STA_67____115KV_BK2 355882	17.62 -0.18 0.00	16.92 -0.15 0.00	17.96 -0.15 0.00	17.47 -0.16 0.00	17.04 -0.08 0.00	19.88 0.04 0.00	27.13 0.17 0.00	30.20 0.14 0.00	31.81 -0.08 0.00	32.28 -0.31 0.00	30.03 -0.61 0.00	27.27 -0.60 0.00	22.06 -0.50 0.00	19.56 -0.50 0.00	19.67 -0.46 0.00	18.47 -0.39 0.00	18.87 -0.27 0.00	20.07 -0.23 0.00	21.70 -0.13 0.00	34.82 -0.23 0.00	30.41 -0.46 0.00	28.23 -0.30 0.00	21.98 -0.11 0.00	21.09 -0.13 0.00
STA_7____115KV_9TRANS 80674	17.71 -0.09 0.00	17.01 -0.07 0.00	18.05 -0.06 0.00	17.56 -0.08 0.00	17.12 0.01 0.00	19.98 0.14 0.00	27.28 0.32 0.00	30.38 0.33 0.00	32.02 0.13 0.00	32.49 -0.10 0.00	30.21 -0.43 0.00	27.43 -0.43 0.00	22.18 -0.38 0.00	19.66 -0.39 0.00	19.78 -0.36 0.00	18.57 -0.29 0.00	18.98 -0.17 0.00	20.20 -0.11 0.00	21.85 0.02 0.00	35.06 0.01 0.00	30.62 -0.24 0.00	28.43 -0.10 0.00	22.11 0.02 0.00	21.21 -0.01 0.00
STA_82____115KV_TB1 80780	17.63 -0.17 0.00	16.94 -0.14 0.00	17.97 -0.14 0.00	17.48 -0.15 0.00	17.05 -0.06 0.00	19.90 0.05 0.00	27.15 0.19 0.00	30.23 0.17 0.00	31.84 -0.05 0.00	32.31 -0.28 0.00	30.06 -0.59 0.00	27.29 -0.58 0.00	22.07 -0.50 0.00	19.56 -0.49 0.00	19.68 -0.46 0.00	18.47 -0.38 0.00	18.88 -0.26 0.00	20.08 -0.22 0.00	21.72 -0.11 0.00	34.84 -0.20 0.00	30.43 -0.44 0.00	28.26 -0.27 0.00	21.99 -0.10 0.00	21.10 -0.12 0.00
STEEL____WIND 323596	17.90 0.11 0.00	17.21 0.13 0.00	18.27 0.15 0.00	17.75 0.12 0.00	17.32 0.21 0.00	20.27 0.43 0.00	27.67 0.71 0.00	30.73 0.68 0.00	32.39 0.50 0.00	32.79 0.19 0.00	30.35 -0.29 0.00	27.72 -0.14 0.00	22.49 -0.07 0.00	19.90 -0.15 0.00	20.04 -0.09 0.00	18.85 0.00 0.00	19.31 0.17 0.00	20.48 0.18 0.00	22.11 0.28 0.00	35.42 0.37 0.00	30.67 -0.20 0.00	28.63 0.11 0.00	22.33 0.25 0.00	21.39 0.16 0.00
STEPHTWN_115KV_BK_2 55603	18.20 0.41 0.00	17.45 0.37 0.00	18.44 0.33 0.00	17.99 0.36 0.00	17.43 0.31 0.00	20.21 0.37 0.00	27.35 0.39 0.00	30.57 0.52 0.00	32.57 0.69 0.00	33.18 0.59 0.00	31.26 0.62 0.00	28.40 0.54 0.00	22.92 0.36 0.00	20.40 0.35 0.00	20.43 0.29 0.00	19.12 0.26 0.00	19.56 0.41 0.00	20.70 0.40 0.00	22.17 0.34 0.00	35.63 0.59 0.00	31.22 0.35 0.00	28.84 0.31 0.00	22.37 0.28 0.00	21.63 0.41 0.00
STEUBEN_REC_LFGE 323667	18.27 0.48 0.00	17.51 0.43 0.00	18.56 0.45 0.00	18.03 0.39 0.00	17.48 0.36 0.00	20.25 0.40 0.00	28.02 1.05 0.00	31.63 1.57 0.00	33.92 2.03 0.00	34.80 2.21 0.00	32.40 1.76 0.00	29.28 1.42 0.00	23.51 0.95 0.00	20.75 0.70 0.00	20.84 0.70 0.00	19.54 0.68 0.00	19.79 0.64 0.00	20.86 0.55 0.00	22.61 0.78 0.00	36.51 1.47 0.00	31.58 0.72 0.00	29.17 0.64 0.00	22.60 0.52 0.00	21.50 0.28 0.00
STILLWATER____SOLAR 323814	18.27 0.48 0.00	17.51 0.43 0.00	18.59 0.47 0.00	18.11 0.47 0.00	17.56 0.45 0.00	20.34 0.50 0.00	27.61 0.65 0.00	30.86 0.80 0.00	32.79 0.91 0.00	33.45 0.86 0.00	31.55 0.91 0.00	28.68 0.82 0.00	23.12 0.55 0.00	20.52 0.47 0.00	20.59 0.45 0.00	19.24 0.38 0.00	19.58 0.43 0.00	20.85 0.54 0.00	22.41 0.59 0.00	36.23 1.19 0.00	31.80 0.94 0.00	29.35 0.82 0.00	22.66 0.57 0.00	21.85 0.62 0.00
STONY____BROOK 24151	18.50 0.71 0.00	17.73 0.66 0.00	18.69 0.58 0.00	18.19 0.55 0.00	17.68 0.57 0.00	20.44 0.60 0.00	27.60 0.64 0.00	30.73 0.68 0.00	33.18 1.29 0.00	34.36 1.76 0.00	32.37 1.69 -0.03	29.73 1.80 -0.07	24.68 1.67 -0.45	21.86 1.40 -0.41	22.43 1.52 -0.77	20.16 1.31 0.00	20.07 0.92 0.00	21.54 1.24 0.00	23.15 1.33 0.00	38.32 2.64 -0.63	32.82 1.95 0.00	30.10 1.57 0.00	23.37 1.28 0.00	22.35 1.13 0.00
STURGEON_POOL_HYD 23609	18.19 0.40 0.00	17.44 0.37 0.00	18.42 0.31 0.00	17.94 0.30 0.00	17.41 0.29 0.00	20.10 0.25 0.00	27.36 0.40 0.00	30.76 0.71 0.00	33.06 1.17 0.00	33.95 1.36 0.00	31.99 1.34 0.00	29.18 1.31 0.00	23.72 1.16 0.00	21.20 1.14 0.00	21.26 1.13 0.00	19.91 1.05 0.00	20.10 0.95 0.00	21.24 0.93 0.00	22.78 0.95 0.00	36.78 1.73 0.00	32.18 1.31 0.00	29.57 1.04 0.00	22.89 0.80 0.00	21.96 0.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.17 0.38 0.00	17.41 0.33 0.00	18.39 0.27 0.00	17.91 0.27 0.00	17.37 0.26 0.00	20.07 0.22 0.00	27.30 0.34 0.00	30.61 0.55 0.00	32.78 0.90 0.00	33.64 1.04 0.00	31.67 1.02 0.00	28.89 1.03 0.00	23.46 0.90 0.00	20.91 0.85 0.00	21.02 0.89 0.00	19.67 0.82 0.00	19.90 0.75 0.00	21.03 0.73 0.00	22.55 0.72 0.00	36.39 1.34 0.00	31.84 0.97 0.00	29.30 0.77 0.00	22.72 0.63 0.00	21.84 0.61 0.00
SWANROAD_115KV_TB1 355699	17.41 -0.38 0.00	16.75 -0.33 0.00	17.79 -0.32 0.00	17.28 -0.36 0.00	16.89 -0.22 0.00	19.76 -0.08 0.00	26.93 -0.03 0.00	29.83 -0.23 0.00	31.35 -0.54 0.00	31.63 -0.97 0.00	29.30 -1.34 0.00	26.88 -0.98 0.00	21.84 -0.72 0.00	19.33 -0.73 0.00	19.48 -0.66 0.00	18.35 -0.50 0.00	18.78 -0.37 0.00	19.96 -0.35 0.00	21.57 -0.26 0.00	34.33 -0.72 0.00	29.78 -1.09 0.00	27.84 -0.68 0.00	21.87 -0.22 0.00	20.98 -0.24 0.00
SYNERGY____BIOGAS 323694	17.96 0.17 0.00	17.25 0.17 0.00	18.32 0.21 0.00	17.82 0.18 0.00	17.40 0.29 0.00	20.40 0.55 0.00	27.89 0.94 0.00	31.02 0.97 0.00	32.66 0.78 0.00	33.04 0.44 0.00	30.54 -0.11 0.00	27.67 -0.19 0.00	22.40 -0.17 0.00	19.80 -0.25 0.00	19.91 -0.22 0.00	18.69 -0.16 0.00	19.18 0.04 0.00	20.43 0.12 0.00	22.24 0.42 0.00	35.67 0.63 0.00	31.02 0.16 0.00	28.90 0.37 0.00	22.57 0.48 0.00	21.62 0.39 0.00

SYRACUSE___ENERGY_ST1 323597	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.10 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.44 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.33 0.00	20.00 -0.31 0.00	21.58 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	17.63 -0.16 0.00	16.91 -0.16 0.00	17.93 -0.18 0.00	17.47 -0.17 0.00	16.97 -0.14 0.00	19.71 -0.13 0.00	26.86 -0.10 0.00	29.96 -0.10 0.00	31.59 -0.29 0.00	32.26 -0.34 0.00	30.23 -0.41 0.00	27.44 -0.43 0.00	22.17 -0.40 0.00	19.67 -0.38 0.00	19.74 -0.39 0.00	18.51 -0.34 0.00	18.82 -0.33 0.00	20.00 -0.31 0.00	21.58 -0.24 0.00	34.70 -0.34 0.00	30.46 -0.41 0.00	28.14 -0.39 0.00	21.80 -0.29 0.00	20.98 -0.25 0.00
SYRACUSE___POWER 24017	17.66 -0.13 0.00	16.94 -0.13 0.00	17.97 -0.15 0.00	17.50 -0.14 0.00	17.00 -0.11 0.00	19.75 -0.10 0.00	26.91 -0.05 0.00	30.04 -0.02 0.00	31.69 -0.20 0.00	32.34 -0.25 0.00	30.31 -0.33 0.00	27.51 -0.35 0.00	22.21 -0.35 0.00	19.71 -0.35 0.00	19.79 -0.35 0.00	18.53 -0.32 0.00	18.86 -0.29 0.00	20.01 -0.29 0.00	21.61 -0.22 0.00	34.78 -0.27 0.00	30.54 -0.33 0.00	28.21 -0.32 0.00	21.84 -0.25 0.00	21.01 -0.21 0.00
TALLMAN__138KV_BK151 55660	18.22 0.43 0.00	17.46 0.38 0.00	18.42 0.31 0.00	17.94 0.31 0.00	17.40 0.29 0.00	20.10 0.25 0.00	27.37 0.41 0.00	30.71 0.66 0.00	32.93 1.04 0.00	33.81 1.21 0.00	31.83 1.19 0.00	29.04 1.18 0.00	23.59 1.03 0.00	21.03 0.97 0.00	21.15 1.02 0.00	19.80 0.95 0.00	20.02 0.88 0.00	21.15 0.84 0.00	22.65 0.82 0.00	36.58 1.54 0.00	31.99 1.13 0.00	29.43 0.90 0.00	22.83 0.74 0.00	21.95 0.73 0.00
TEALLAVE_115KV_TB7 355573	17.53 -0.26 0.00	16.82 -0.26 0.00	17.84 -0.27 0.00	17.37 -0.27 0.00	16.88 -0.23 0.00	19.60 -0.24 0.00	26.70 -0.26 0.00	29.79 -0.26 0.00	31.44 -0.45 0.00	32.09 -0.51 0.00	30.07 -0.57 0.00	27.30 -0.56 0.00	22.07 -0.50 0.00	19.59 -0.46 0.00	19.67 -0.46 0.00	18.43 -0.43 0.00	18.75 -0.40 0.00	19.89 -0.42 0.00	21.46 -0.36 0.00	34.51 -0.54 0.00	30.29 -0.57 0.00	27.98 -0.55 0.00	21.68 -0.41 0.00	20.87 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	17.75 -0.04 0.00	17.05 -0.02 0.00	18.11 0.00 0.00	17.61 -0.03 0.00	17.20 0.09 0.00	20.14 0.30 0.00	27.49 0.53 0.00	30.52 0.47 0.00	32.12 0.23 0.00	32.46 -0.14 0.00	30.02 -0.63 0.00	27.38 -0.48 0.00	22.20 -0.36 0.00	19.64 -0.41 0.00	19.77 -0.36 0.00	18.60 -0.25 0.00	19.04 -0.11 0.00	20.27 -0.04 0.00	21.97 0.15 0.00	35.13 0.09 0.00	30.52 -0.35 0.00	28.47 -0.06 0.00	22.28 0.19 0.00	21.36 0.13 0.00
TEMPLE___115KV_TB 2 55572	17.54 -0.25 0.00	16.83 -0.24 0.00	17.85 -0.26 0.00	17.38 -0.26 0.00	16.89 -0.23 0.00	19.61 -0.23 0.00	26.72 -0.24 0.00	29.82 -0.24 0.00	31.46 -0.43 0.00	32.10 -0.50 0.00	30.09 -0.55 0.00	27.31 -0.55 0.00	22.08 -0.49 0.00	19.61 -0.45 0.00	19.69 -0.45 0.00	18.45 -0.40 0.00	18.77 -0.38 0.00	19.90 -0.40 0.00	21.47 -0.35 0.00	34.52 -0.52 0.00	30.30 -0.57 0.00	28.00 -0.53 0.00	21.69 -0.40 0.00	20.88 -0.34 0.00
TIANA____69_KV_BK 1 55817	18.77 0.98 0.00	18.00 0.93 0.00	18.98 0.87 0.00	18.47 0.84 0.00	17.95 0.84 0.00	20.79 0.94 0.00	28.01 1.05 0.00	31.10 1.05 0.00	33.59 1.71 0.00	34.81 2.21 0.00	32.72 2.04 -0.03	29.97 2.04 -0.07	24.86 1.86 -0.44	21.97 1.53 -0.38	22.54 1.67 -0.74	20.30 1.45 0.00	20.11 0.96 0.00	21.75 1.45 0.00	23.41 1.59 0.00	38.92 3.24 -0.63	33.31 2.44 0.00	30.54 2.01 0.00	23.72 1.63 0.00	22.66 1.44 0.00
TILDEN___115KV_TB1 80814	17.66 -0.13 0.00	16.94 -0.13 0.00	17.97 -0.15 0.00	17.50 -0.14 0.00	17.00 -0.11 0.00	19.75 -0.10 0.00	26.91 -0.05 0.00	30.04 -0.02 0.00	31.69 -0.20 0.00	32.34 -0.25 0.00	30.31 -0.33 0.00	27.51 -0.35 0.00	22.21 -0.35 0.00	19.71 -0.35 0.00	19.79 -0.35 0.00	18.53 -0.32 0.00	18.86 -0.29 0.00	20.01 -0.29 0.00	21.61 -0.22 0.00	34.78 -0.27 0.00	30.54 -0.33 0.00	28.21 -0.32 0.00	21.84 -0.25 0.00	21.01 -0.21 0.00
TRIGEN___CC 323695	18.32 0.53 0.00	17.55 0.47 0.00	18.50 0.39 0.00	18.01 0.37 0.00	17.48 0.37 0.00	20.20 0.36 0.00	27.34 0.38 0.00	30.53 0.48 0.00	32.90 1.01 0.00	33.95 1.35 -0.25	32.25 1.36 -0.52	29.86 1.48 -0.52	27.06 1.39 -3.11	25.32 1.20 -4.07	26.82 1.27 -5.41	19.96 1.10 0.00	20.00 0.85 0.00	21.30 0.99 0.00	22.85 1.03 0.00	37.93 1.98 -0.90	32.28 1.41 0.00	29.67 1.14 0.00	23.02 0.93 0.00	22.05 0.82 0.00
TRINITY__115KV__4 BK 55933	18.05 0.26 0.00	17.32 0.25 0.00	18.31 0.20 0.00	17.86 0.22 0.00	17.30 0.18 0.00	20.00 0.15 0.00	27.01 0.05 0.00	30.19 0.14 0.00	32.15 0.27 0.00	32.75 0.15 0.00	30.89 0.24 0.00	28.10 0.23 0.00	22.70 0.13 0.00	20.16 0.10 0.00	20.22 0.08 0.00	18.93 0.08 0.00	19.32 0.17 0.00	20.38 0.08 0.00	21.84 0.02 0.00	35.09 0.04 0.00	30.80 -0.07 0.00	28.46 -0.07 0.00	22.10 0.01 0.00	21.38 0.16 0.00
UNION___PROCESSING_DRP 323587	17.63 -0.16 0.00	16.94 -0.13 0.00	17.98 -0.13 0.00	17.49 -0.15 0.00	17.05 -0.06 0.00	19.90 0.06 0.00	27.16 0.20 0.00	30.25 0.19 0.00	31.86 -0.03 0.00	32.33 -0.27 0.00	30.06 -0.58 0.00	27.30 -0.57 0.00	22.07 -0.49 0.00	19.56 -0.49 0.00	19.68 -0.45 0.00	18.48 -0.37 0.00	18.89 -0.26 0.00	20.09 -0.22 0.00	21.72 -0.10 0.00	34.85 -0.19 0.00	30.44 -0.43 0.00	28.27 -0.27 0.00	22.00 -0.09 0.00	21.11 -0.11 0.00
UPPER HUDSON___HYD 24058	18.16 0.37 0.00	17.39 0.31 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.51 0.40 0.00	20.28 0.44 0.00	27.54 0.58 0.00	30.81 0.76 0.00	32.73 0.85 0.00	33.39 0.79 0.00	31.54 0.89 0.00	28.64 0.78 0.00	23.06 0.49 0.00	20.46 0.40 0.00	20.48 0.35 0.00	19.13 0.28 0.00	19.46 0.31 0.00	20.83 0.52 0.00	22.39 0.57 0.00	36.23 1.19 0.00	31.86 0.99 0.00	29.38 0.85 0.00	22.60 0.51 0.00	21.78 0.55 0.00
UPPER RAQUET___HYD 24056	17.47 -0.31 0.00	16.78 -0.29 0.00	17.90 -0.22 0.00	17.43 -0.20 0.00	16.96 -0.15 0.00	19.76 -0.09 0.00	26.90 -0.06 0.00	29.80 -0.25 0.00	31.40 -0.49 0.00	32.12 -0.48 0.00	30.11 -0.54 0.00	27.21 -0.65 0.00	21.99 -0.58 0.00	19.47 -0.58 0.00	19.53 -0.60 0.00	18.27 -0.58 0.00	18.56 -0.59 0.00	19.87 -0.44 0.00	21.50 -0.33 0.00	34.60 -0.44 0.00	30.69 -0.17 0.00	28.38 -0.14 0.00	21.86 -0.23 0.00	20.84 -0.38 0.00
VALLEY44_115KV_TB2 355964	18.12 0.33 0.00	17.41 0.34 0.00	18.48 0.36 0.00	17.97 0.33 0.00	17.50 0.39 0.00	20.49 0.64 0.00	28.02 1.06 0.00	31.08 1.02 0.00	32.98 1.10 0.00	33.61 1.01 0.00	31.21 0.57 0.00	28.47 0.60 0.00	22.98 0.42 0.00	20.42 0.37 0.00	20.61 0.47 0.00	19.34 0.49 0.00	19.70 0.55 0.00	20.82 0.51 0.00	22.44 0.61 0.00	36.02 0.98 0.00	31.09 0.22 0.00	28.93 0.40 0.00	22.61 0.52 0.00	21.85 0.63 0.00

VALLEY___115KV_TB 1-4 80826	17.71 -0.08 0.00	17.02 -0.06 0.00	18.02 -0.09 0.00	17.57 -0.06 0.00	17.00 -0.11 0.00	19.72 -0.13 0.00	26.78 -0.18 0.00	29.91 -0.14 0.00	31.77 -0.11 0.00	32.49 -0.11 0.00	30.66 0.02 0.00	27.94 0.08 0.00	22.55 -0.01 0.00	20.00 -0.06 0.00	20.08 -0.06 0.00	18.71 -0.14 0.00	18.98 -0.16 0.00	20.16 -0.15 0.00	21.65 -0.18 0.00	35.00 -0.05 0.00	30.68 -0.19 0.00	28.35 -0.18 0.00	21.90 -0.18 0.00	21.13 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.32 0.53 0.00	17.58 0.50 0.00	18.63 0.52 0.00	18.14 0.50 0.00	17.60 0.49 0.00	20.42 0.58 0.00	27.77 0.81 0.00	31.01 0.95 0.00	33.18 1.29 0.00	34.00 1.40 0.00	31.89 1.24 0.00	29.05 1.19 0.00	23.56 1.00 0.00	20.93 0.88 0.00	21.05 0.91 0.00	19.73 0.88 0.00	20.01 0.86 0.00	21.16 0.86 0.00	22.76 0.94 0.00	36.64 1.59 0.00	32.02 1.15 0.00	29.56 1.03 0.00	22.90 0.81 0.00	22.01 0.78 0.00
VISCHER___FERRY HYD 24020	18.13 0.34 0.00	17.40 0.32 0.00	18.45 0.34 0.00	17.98 0.35 0.00	17.39 0.28 0.00	20.13 0.29 0.00	27.24 0.28 0.00	30.45 0.39 0.00	32.39 0.51 0.00	33.02 0.42 0.00	31.17 0.53 0.00	28.35 0.49 0.00	22.92 0.36 0.00	20.38 0.33 0.00	20.45 0.32 0.00	19.12 0.27 0.00	19.46 0.31 0.00	20.59 0.29 0.00	22.09 0.27 0.00	35.67 0.63 0.00	31.32 0.45 0.00	28.94 0.41 0.00	22.39 0.30 0.00	21.62 0.39 0.00
V_A_10_SYNC_DSASP 323832	17.44 -0.35 0.00	16.77 -0.31 0.00	17.81 -0.30 0.00	17.31 -0.32 0.00	16.89 -0.22 0.00	19.73 -0.11 0.00	26.91 -0.05 0.00	29.88 -0.17 0.00	31.43 -0.46 0.00	31.80 -0.80 0.00	29.55 -1.09 0.00	26.95 -0.91 0.00	21.85 -0.72 0.00	19.35 -0.70 0.00	19.50 -0.64 0.00	18.31 -0.54 0.00	18.78 -0.37 0.00	19.92 -0.39 0.00	21.49 -0.33 0.00	34.39 -0.66 0.00	29.90 -0.96 0.00	27.88 -0.65 0.00	21.78 -0.30 0.00	20.91 -0.31 0.00
V_CMM_10_SYNC_DSASP 323787	17.87 0.08 0.00	17.17 0.09 0.00	18.26 0.15 0.00	17.76 0.13 0.00	17.26 0.15 0.00	20.08 0.23 0.00	27.30 0.34 0.00	30.23 0.18 0.00	31.91 0.02 0.00	32.67 0.07 0.00	30.71 0.07 0.00	27.88 0.02 0.00	22.57 0.01 0.00	20.03 -0.02 0.00	20.11 -0.02 0.00	18.84 -0.02 0.00	19.14 -0.01 0.00	20.41 0.10 0.00	21.98 0.15 0.00	35.19 0.15 0.00	31.17 0.30 0.00	28.86 0.33 0.00	22.30 0.21 0.00	21.26 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	18.27 0.48 0.00	17.48 0.41 0.00	18.72 0.61 0.00	18.27 0.63 0.00	17.73 0.62 0.00	20.60 0.76 0.00	28.02 1.06 0.00	31.36 1.30 0.00	33.30 1.41 0.00	34.40 1.81 0.00	32.37 1.72 0.00	28.99 1.13 0.00	23.15 0.59 0.00	20.48 0.42 0.00	20.52 0.38 0.00	19.12 0.27 0.00	19.15 0.00 0.00	20.87 0.57 0.00	23.06 1.24 0.00	37.58 2.54 0.00	33.03 2.16 0.00	30.50 1.97 0.00	23.47 1.38 0.00	22.43 1.21 0.00
V_D_10_SYNC_DSASP 323841	17.93 0.14 0.00	17.22 0.15 0.00	18.33 0.21 0.00	17.83 0.19 0.00	17.33 0.22 0.00	20.16 0.31 0.00	27.43 0.47 0.00	30.36 0.31 0.00	32.03 0.14 0.00	32.78 0.19 0.00	30.80 0.16 0.00	27.94 0.08 0.00	22.61 0.05 0.00	20.07 0.01 0.00	20.15 0.01 0.00	18.87 0.02 0.00	19.17 0.03 0.00	20.46 0.15 0.00	22.04 0.22 0.00	35.33 0.29 0.00	31.30 0.44 0.00	28.98 0.45 0.00	22.37 0.28 0.00	21.33 0.11 0.00
V_E_10_SYNC_DSASP 323830	19.16 1.37 0.00	18.33 1.25 0.00	19.49 1.38 0.00	18.99 1.35 0.00	18.49 1.38 0.00	21.52 1.67 0.00	29.40 2.44 0.00	32.59 2.54 0.00	34.18 2.30 0.00	35.25 2.66 0.00	33.08 2.44 0.00	30.08 2.21 0.00	24.27 1.71 0.00	21.43 1.37 0.00	21.64 1.50 0.00	20.13 1.28 0.00	20.29 1.14 0.00	21.72 1.42 0.00	23.67 1.84 0.00	38.29 3.24 0.00	33.45 2.58 0.00	30.84 2.31 0.00	23.86 1.78 0.00	22.83 1.61 0.00
V_F_30_NSYNC___DSASP 323816	18.29 0.50 0.00	17.53 0.46 0.00	18.61 0.50 0.00	18.13 0.50 0.00	17.58 0.47 0.00	20.38 0.53 0.00	27.66 0.70 0.00	30.92 0.86 0.00	32.86 0.98 0.00	33.53 0.93 0.00	31.62 0.97 0.00	28.74 0.88 0.00	23.17 0.61 0.00	20.57 0.52 0.00	20.64 0.50 0.00	19.29 0.44 0.00	19.63 0.48 0.00	20.90 0.59 0.00	22.46 0.64 0.00	36.30 1.25 0.00	31.85 0.99 0.00	29.40 0.87 0.00	22.69 0.60 0.00	21.88 0.66 0.00
V_F_30_SYNC_DSASP 323786	18.13 0.34 0.00	17.39 0.31 0.00	18.38 0.26 0.00	17.92 0.29 0.00	17.36 0.25 0.00	20.08 0.24 0.00	27.13 0.17 0.00	30.34 0.29 0.00	32.32 0.43 0.00	32.91 0.32 0.00	31.05 0.41 0.00	28.25 0.39 0.00	22.80 0.24 0.00	20.24 0.19 0.00	20.31 0.17 0.00	19.02 0.16 0.00	19.41 0.27 0.00	20.49 0.18 0.00	21.95 0.13 0.00	35.24 0.20 0.00	30.93 0.06 0.00	28.58 0.05 0.00	22.19 0.10 0.00	21.46 0.24 0.00
V_XM_10_SYNC_DSASP 323789	18.27 0.48 0.00	17.48 0.41 0.00	18.72 0.61 0.00	18.27 0.63 0.00	17.73 0.62 0.00	20.60 0.76 0.00	28.02 1.06 0.00	31.36 1.30 0.00	33.30 1.41 0.00	34.40 1.81 0.00	32.37 1.72 0.00	28.99 1.13 0.00	23.15 0.59 0.00	20.48 0.42 0.00	20.52 0.38 0.00	19.12 0.27 0.00	19.15 0.00 0.00	20.87 0.57 0.00	23.06 1.24 0.00	37.58 2.54 0.00	33.03 2.16 0.00	30.50 1.97 0.00	23.47 1.38 0.00	22.43 1.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.28 0.49 0.00	17.52 0.44 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.46 0.35 0.00	20.16 0.32 0.00	27.47 0.51 0.00	30.82 0.76 0.00	33.04 1.16 0.00	33.93 1.33 0.00	31.95 1.30 0.00	29.15 1.29 0.00	23.68 1.12 0.00	21.11 1.05 0.00	21.23 1.09 0.00	19.88 1.03 0.00	20.10 0.95 0.00	21.23 0.92 0.00	22.74 0.91 0.00	36.72 1.68 0.00	32.11 1.25 0.00	29.54 1.01 0.00	22.91 0.82 0.00	22.02 0.79 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.32 0.54 0.00	17.54 0.47 0.00	18.49 0.38 0.00	18.03 0.39 0.00	17.50 0.39 0.00	20.16 0.32 0.00	27.42 0.46 0.00	30.81 0.76 0.00	33.13 1.24 0.00	34.04 1.45 0.00	32.08 1.44 0.00	29.29 1.43 0.00	23.83 1.27 0.00	21.25 1.20 0.00	21.39 1.25 0.00	20.05 1.20 0.00	20.25 1.10 0.00	21.36 1.06 0.00	22.88 1.06 0.00	36.82 1.78 0.00	32.16 1.30 0.00	29.58 1.05 0.00	22.96 0.87 0.00	22.02 0.79 0.00
W50THST__13_KV_LOAD 356117	18.42 0.63 0.00	17.63 0.55 0.00	18.58 0.47 0.00	18.11 0.48 0.00	17.59 0.47 0.00	20.26 0.41 0.00	27.57 0.61 0.00	31.00 0.95 0.00	33.35 1.47 0.00	34.29 1.70 0.00	32.31 1.67 0.00	29.51 1.65 0.00	24.01 1.45 0.00	21.41 1.36 0.00	21.55 1.42 0.00	20.21 1.35 0.00	20.41 1.26 0.00	21.53 1.22 0.00	23.04 1.22 0.00	37.06 2.01 0.00	32.36 1.49 0.00	29.75 1.22 0.00	23.09 1.01 0.00	22.15 0.92 0.00
WADING RIVER_IC_1 23522	18.59 0.80 0.00	17.83 0.75 0.00	18.79 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.57 0.73 0.00	27.64 0.68 0.00	30.63 0.58 0.00	33.09 1.20 0.00	34.31 1.72 0.00	32.24 1.57 -0.03	29.51 1.58 -0.07	24.49 1.49 -0.43	21.62 1.18 -0.38	22.19 1.32 -0.74	19.97 1.12 0.00	19.80 0.65 0.00	21.45 1.15 0.00	23.08 1.26 0.00	38.41 2.74 -0.63	32.88 2.01 0.00	30.15 1.62 0.00	23.42 1.34 0.00	22.39 1.17 0.00

WADING RIVER_IC_2 23547	18.59 0.80 0.00	17.83 0.75 0.00	18.79 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.57 0.73 0.00	27.64 0.68 0.00	30.63 0.58 0.00	33.09 1.20 0.00	34.31 1.72 0.00	32.24 1.57 -0.03	29.51 1.58 -0.07	24.49 1.49 -0.43	21.62 1.18 -0.38	22.19 1.32 -0.74	19.97 1.12 0.00	19.80 0.65 0.00	21.45 1.15 0.00	23.08 1.26 0.00	38.41 2.74 -0.63	32.88 2.01 0.00	30.15 1.62 0.00	23.42 1.34 0.00	22.39 1.17 0.00
WADING RIVER_IC_3 23601	18.59 0.80 0.00	17.83 0.75 0.00	18.79 0.68 0.00	18.29 0.66 0.00	17.78 0.66 0.00	20.57 0.73 0.00	27.64 0.68 0.00	30.63 0.58 0.00	33.09 1.20 0.00	34.31 1.72 0.00	32.24 1.57 -0.03	29.51 1.58 -0.07	24.49 1.49 -0.43	21.62 1.18 -0.38	22.19 1.32 -0.74	19.97 1.12 0.00	19.80 0.65 0.00	21.45 1.15 0.00	23.08 1.26 0.00	38.41 2.74 -0.63	32.88 2.01 0.00	30.15 1.62 0.00	23.42 1.34 0.00	22.39 1.17 0.00
WALDENNY_I2_KV_BK2 80841	17.90 0.11 0.00	17.20 0.13 0.00	18.26 0.15 0.00	17.75 0.11 0.00	17.32 0.21 0.00	20.27 0.43 0.00	27.68 0.72 0.00	30.73 0.68 0.00	32.40 0.51 0.00	32.77 0.17 0.00	30.35 -0.29 0.00	27.74 -0.12 0.00	22.50 -0.06 0.00	19.92 -0.14 0.00	20.07 -0.07 0.00	18.90 0.04 0.00	19.31 0.16 0.00	20.50 0.19 0.00	22.14 0.31 0.00	35.40 0.36 0.00	30.68 -0.19 0.00	28.64 0.11 0.00	22.36 0.28 0.00	21.43 0.20 0.00
WALDEN___HYDRO 24148	18.34 0.55 0.00	17.56 0.49 0.00	18.56 0.44 0.00	18.07 0.43 0.00	17.53 0.42 0.00	20.28 0.43 0.00	27.60 0.64 0.00	30.97 0.92 0.00	33.19 1.30 0.00	34.05 1.45 0.00	32.04 1.40 0.00	29.21 1.34 0.00	23.71 1.15 0.00	21.14 1.09 0.00	21.18 1.04 0.00	19.84 0.99 0.00	20.13 0.98 0.00	21.27 0.96 0.00	22.83 1.00 0.00	36.89 1.85 0.00	32.27 1.41 0.00	29.70 1.17 0.00	23.00 0.91 0.00	22.08 0.86 0.00
WARRENSBURG___ 23737	18.16 0.37 0.00	17.39 0.31 0.00	18.48 0.37 0.00	18.00 0.36 0.00	17.51 0.40 0.00	20.28 0.44 0.00	27.54 0.58 0.00	30.81 0.76 0.00	32.73 0.85 0.00	33.39 0.79 0.00	31.54 0.89 0.00	28.64 0.78 0.00	23.06 0.49 0.00	20.46 0.40 0.00	20.48 0.35 0.00	19.13 0.28 0.00	19.46 0.31 0.00	20.83 0.52 0.00	22.39 0.57 0.00	36.23 1.19 0.00	31.86 0.99 0.00	29.38 0.85 0.00	22.60 0.51 0.00	21.78 0.55 0.00
WATERSIDE___6 8 9 23538	18.32 0.53 0.00	17.54 0.47 0.00	18.48 0.37 0.00	18.02 0.38 0.00	17.49 0.38 0.00	20.14 0.30 0.00	27.40 0.44 0.00	30.80 0.75 0.00	33.12 1.24 0.00	34.02 1.42 0.00	32.05 1.41 0.00	29.28 1.42 0.00	23.83 1.27 0.00	21.24 1.19 0.00	21.38 1.24 0.00	20.07 1.21 0.00	20.24 1.09 0.00	21.35 1.04 0.00	22.86 1.04 0.00	36.78 1.74 0.00	32.16 1.30 0.00	29.58 1.05 0.00	22.95 0.87 0.00	22.00 0.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.76 -0.03 0.00	17.05 -0.02 0.00	18.07 -0.05 0.00	17.61 -0.03 0.00	17.05 -0.06 0.00	19.77 -0.08 0.00	26.84 -0.12 0.00	30.00 -0.06 0.00	31.88 -0.01 0.00	32.57 -0.03 0.00	30.71 0.07 0.00	27.96 0.10 0.00	22.58 0.01 0.00	20.03 -0.03 0.00	20.11 -0.02 0.00	18.79 -0.06 0.00	19.08 -0.07 0.00	20.24 -0.06 0.00	21.74 -0.08 0.00	35.10 0.06 0.00	30.81 -0.05 0.00	28.45 -0.08 0.00	22.01 -0.08 0.00	21.20 -0.03 0.00
WATSON___69_KV_BK 1 55734	18.73 0.94 0.00	17.86 0.78 0.00	18.82 0.71 0.00	18.32 0.69 0.00	17.80 0.69 0.00	20.59 0.75 0.00	27.83 0.87 0.00	31.02 0.96 0.00	33.50 1.61 0.00	34.68 2.08 0.00	32.63 1.94 -0.04	30.01 2.05 -0.09	25.03 1.87 -0.60	22.24 1.58 -0.60	22.86 1.71 -1.01	20.34 1.49 0.00	20.27 1.13 0.00	21.74 1.43 0.00	23.35 1.53 0.00	38.64 2.96 -0.64	33.08 2.21 0.00	30.34 1.81 0.00	23.54 1.45 0.00	22.52 1.29 0.00
WDELAWARE___HYD 323627	18.23 0.44 0.00	17.46 0.39 0.00	18.46 0.34 0.00	17.97 0.34 0.00	17.44 0.33 0.00	20.18 0.34 0.00	27.50 0.54 0.00	30.89 0.84 0.00	33.14 1.26 0.00	34.08 1.48 0.00	32.11 1.46 0.00	29.27 1.40 0.00	23.76 1.20 0.00	21.23 1.17 0.00	21.15 1.01 0.00	19.86 1.01 0.00	20.07 0.92 0.00	21.28 0.97 0.00	22.85 1.03 0.00	36.91 1.86 0.00	32.30 1.43 0.00	29.71 1.18 0.00	22.97 0.88 0.00	22.03 0.80 0.00
WEST BABYLON___IC 23714	18.61 0.82 0.00	17.80 0.72 0.00	18.76 0.65 0.00	18.26 0.63 0.00	17.74 0.63 0.00	20.51 0.66 0.00	27.74 0.78 0.00	30.95 0.90 0.00	33.41 1.52 0.00	34.55 1.95 0.00	32.56 1.85 -0.07	29.98 1.96 -0.15	25.31 1.80 -0.95	22.67 1.53 -1.09	23.38 1.65 -1.59	20.29 1.44 0.00	20.25 1.10 0.00	21.66 1.36 0.00	23.28 1.45 0.00	38.49 2.79 -0.66	32.93 2.07 0.00	30.23 1.70 0.00	23.44 1.35 0.00	22.43 1.21 0.00
WEST CANADA___HYD 24049	17.81 0.02 0.00	17.09 0.02 0.00	18.12 0.01 0.00	17.65 0.02 0.00	17.11 0.00 0.00	19.84 0.00 0.00	26.93 -0.02 0.00	30.07 0.02 0.00	31.95 0.06 0.00	32.66 0.06 0.00	30.72 0.07 0.00	27.95 0.09 0.00	22.63 0.07 0.00	20.12 0.06 0.00	20.20 0.06 0.00	18.90 0.05 0.00	19.19 0.04 0.00	20.33 0.02 0.00	21.85 0.02 0.00	35.12 0.08 0.00	30.89 0.02 0.00	28.53 0.00 0.00	22.09 0.00 0.00	21.26 0.03 0.00
WESTERN_NY_WIND 24143	17.95 0.16 0.00	17.23 0.16 0.00	18.31 0.20 0.00	17.80 0.17 0.00	17.39 0.27 0.00	20.38 0.54 0.00	27.86 0.90 0.00	30.98 0.92 0.00	32.62 0.74 0.00	33.00 0.40 0.00	30.50 -0.14 0.00	27.64 -0.22 0.00	22.38 -0.18 0.00	19.79 -0.26 0.00	19.90 -0.23 0.00	18.71 -0.15 0.00	19.14 -0.01 0.00	20.42 0.11 0.00	22.22 0.40 0.00	35.64 0.59 0.00	31.00 0.13 0.00	28.87 0.34 0.00	22.55 0.46 0.00	21.61 0.38 0.00
WESTOVER___LESR 323668	17.85 0.06 0.00	17.11 0.04 0.00	18.15 0.03 0.00	17.66 0.03 0.00	17.14 0.03 0.00	19.94 0.10 0.00	27.18 0.22 0.00	30.40 0.35 0.00	32.72 0.84 0.00	33.62 1.03 0.00	31.35 0.70 0.00	28.60 0.74 0.00	23.17 0.61 0.00	20.55 0.50 0.00	20.74 0.60 0.00	19.47 0.62 0.00	19.66 0.51 0.00	20.79 0.48 0.00	22.40 0.58 0.00	36.11 1.06 0.00	31.33 0.47 0.00	29.05 0.52 0.00	22.52 0.43 0.00	21.66 0.44 0.00
WETHRSFD_WT_PWR 323626	17.74 -0.05 0.00	17.05 -0.02 0.00	18.11 0.00 0.00	17.60 -0.04 0.00	17.16 0.05 0.00	20.10 0.26 0.00	27.41 0.45 0.00	30.45 0.39 0.00	32.09 0.21 0.00	32.45 -0.15 0.00	30.04 -0.60 0.00	27.46 -0.40 0.00	22.28 -0.28 0.00	19.72 -0.33 0.00	19.87 -0.27 0.00	18.69 -0.17 0.00	19.15 0.00 0.00	20.27 -0.04 0.00	21.86 0.03 0.00	34.99 -0.06 0.00	30.28 -0.59 0.00	28.18 -0.34 0.00	21.92 -0.17 0.00	20.87 -0.35 0.00
WHAVESTOR_138KV_BK127 55557	18.21 0.42 0.00	17.45 0.37 0.00	18.41 0.30 0.00	17.93 0.30 0.00	17.39 0.28 0.00	20.09 0.24 0.00	27.35 0.38 0.00	30.67 0.61 0.00	32.88 0.99 0.00	33.75 1.15 0.00	31.78 1.14 0.00	29.01 1.14 0.00	23.56 1.00 0.00	21.00 0.94 0.00	21.13 0.99 0.00	19.77 0.92 0.00	20.00 0.85 0.00	21.12 0.81 0.00	22.62 0.80 0.00	36.53 1.48 0.00	31.94 1.07 0.00	29.39 0.86 0.00	22.80 0.71 0.00	21.91 0.69 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.21 0.42 0.00	17.45 0.37 0.00	18.41 0.30 0.00	17.93 0.30 0.00	17.39 0.28 0.00	20.09 0.24 0.00	27.35 0.38 0.00	30.67 0.61 0.00	32.88 0.99 0.00	33.75 1.15 0.00	31.78 1.14 0.00	29.01 1.14 0.00	23.56 1.00 0.00	21.00 0.94 0.00	21.13 0.99 0.00	19.77 0.92 0.00	20.00 0.85 0.00	21.12 0.81 0.00	22.62 0.80 0.00	36.53 1.48 0.00	31.94 1.07 0.00	29.39 0.86 0.00	22.80 0.71 0.00	21.91 0.69 0.00
WHITEHAL_115KV_TB1 80871	18.59 0.80 0.00	17.70 0.63 0.00	18.90 0.78 0.00	18.45 0.82 0.00	18.03 0.91 0.00	20.81 0.96 0.00	28.11 1.15 0.00	31.43 1.38 0.00	33.22 1.34 0.00	33.70 1.11 0.00	32.08 1.44 0.00	29.10 1.23 0.00	23.36 0.79 0.00	20.86 0.80 0.00	20.77 0.64 0.00	19.37 0.52 0.00	19.66 0.52 0.00	21.35 1.04 0.00	22.86 1.03 0.00	37.38 2.34 0.00	32.89 2.02 0.00	30.38 1.86 0.00	23.14 1.05 0.00	22.37 1.15 0.00
WHITEPLN_13_KV_LOAD 356215	18.41 0.63 0.00	17.63 0.56 0.00	18.60 0.49 0.00	18.13 0.49 0.00	17.59 0.48 0.00	20.31 0.46 0.00	27.64 0.68 0.00	31.02 0.97 0.00	33.29 1.40 0.00	34.18 1.58 0.00	32.21 1.56 0.00	29.40 1.54 0.00	23.88 1.32 0.00	21.29 1.24 0.00	21.43 1.29 0.00	20.06 1.21 0.00	20.27 1.13 0.00	21.42 1.12 0.00	22.95 1.13 0.00	37.01 1.96 0.00	32.36 1.49 0.00	29.76 1.23 0.00	23.06 0.97 0.00	22.13 0.90 0.00
WM_FLOYD_69_KV_BK2 356380	18.59 0.80 0.00	17.82 0.75 0.00	18.78 0.67 0.00	18.29 0.65 0.00	17.77 0.66 0.00	20.56 0.72 0.00	27.70 0.74 0.00	30.77 0.71 0.00	33.22 1.34 0.00	34.44 1.85 0.00	32.37 1.69 -0.03	29.70 1.77 -0.07	24.64 1.64 -0.44	21.81 1.37 -0.39	22.39 1.50 -0.75	20.14 1.29 0.00	19.98 0.83 0.00	21.54 1.23 0.00	23.16 1.34 0.00	38.46 2.78 -0.63	32.91 2.05 0.00	30.19 1.66 0.00	23.46 1.37 0.00	22.42 1.20 0.00
WOODARD__115KV_TB2 355635	17.48 -0.31 0.00	16.78 -0.30 0.00	17.79 -0.32 0.00	17.33 -0.31 0.00	16.83 -0.28 0.00	19.55 -0.30 0.00	26.62 -0.34 0.00	29.70 -0.36 0.00	31.34 -0.55 0.00	31.98 -0.62 0.00	29.98 -0.66 0.00	27.22 -0.65 0.00	22.00 -0.56 0.00	19.54 -0.51 0.00	19.62 -0.52 0.00	18.38 -0.47 0.00	18.69 -0.45 0.00	19.84 -0.47 0.00	21.40 -0.43 0.00	34.40 -0.64 0.00	30.21 -0.66 0.00	27.91 -0.62 0.00	21.63 -0.46 0.00	20.82 -0.40 0.00
YORK___WARBASSE 23770	18.41 0.62 0.00	17.62 0.55 0.00	18.57 0.45 0.00	18.10 0.46 0.00	17.56 0.45 0.00	20.24 0.39 0.00	27.55 0.59 0.00	30.97 0.91 0.00	33.30 1.41 0.00	34.18 1.59 0.00	32.21 1.57 0.00	29.43 1.56 0.00	23.94 1.38 0.00	21.34 1.29 0.00	21.47 1.33 0.00	20.15 1.30 0.00	20.33 1.18 0.00	21.45 1.14 0.00	22.97 1.15 0.00	36.96 1.91 0.00	32.34 1.48 0.00	29.76 1.23 0.00	23.09 1.01 0.00	22.15 0.92 0.00