

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/16/2023

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	23.25	21.93	17.72	18.36	17.08	18.50	20.05	18.42	21.14	21.35	16.80	16.09	14.20	12.27	14.04	16.49	18.50	30.64	34.47	27.63	20.12	17.33	19.62	14.97
24138	1.17	1.04	0.92	0.81	0.77	0.83	0.90	1.01	1.04	0.91	1.03	0.83	0.69	0.77	0.98	1.14	1.35	0.98	1.44	0.51	0.66	1.08	1.05	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-5.45	-0.26	-3.33	0.00	-0.60	0.00	0.00	0.00	-16.41	-12.21	-19.72	-10.16	0.00	0.00	0.00
74TH STREET_GT_1	23.20	21.89	17.70	18.33	17.06	18.47	20.00	18.41	21.14	21.36	16.78	16.07	14.17	12.26	14.02	16.47	18.46	30.62	34.43	27.62	20.11	17.31	19.59	14.96
24260	1.12	1.00	0.90	0.78	0.75	0.80	0.85	0.99	1.04	0.91	1.00	0.80	0.67	0.76	0.96	1.11	1.31	0.95	1.41	0.50	0.65	1.06	1.03	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-5.45	-0.26	-3.33	0.00	-0.60	0.00	0.00	0.00	-16.41	-12.21	-19.72	-10.16	0.00	0.00	0.00
74TH STREET_GT_2	23.20	21.89	17.70	18.33	17.06	18.47	20.00	18.41	21.14	21.36	16.78	16.07	14.17	12.26	14.02	16.47	18.46	30.62	34.43	27.62	20.11	17.31	19.59	14.96
24261	1.12	1.00	0.90	0.78	0.75	0.80	0.85	0.99	1.04	0.91	1.00	0.80	0.67	0.76	0.96	1.11	1.31	0.95	1.41	0.50	0.65	1.06	1.03	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-5.45	-0.26	-3.33	0.00	-0.60	0.00	0.00	0.00	-16.41	-12.21	-19.72	-10.16	0.00	0.00	0.00
ADK HUDSON___FALLS	23.29	22.00	17.78	18.52	17.23	18.69	20.32	18.57	21.48	23.08	16.69	16.92	13.91	12.16	13.66	16.09	18.11	35.51	38.10	33.59	23.19	17.32	19.70	15.02
24011	1.21	1.11	0.98	0.98	0.92	1.03	1.17	1.15	1.24	0.99	0.83	0.65	0.41	0.48	0.59	0.74	0.96	0.87	1.37	0.50	0.65	1.07	1.14	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-7.10	-0.34	-4.33	0.00	-0.78	0.00	0.00	0.00	-21.39	-15.91	-25.69	-13.24	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.43	22.10	17.86	18.61	17.29	18.77	20.42	18.68	21.62	23.18	16.76	16.99	13.98	12.22	13.72	16.16	18.20	35.62	38.25	33.67	23.26	17.45	19.81	15.08
23798	1.35	1.21	1.07	1.06	0.98	1.11	1.26	1.27	1.39	1.09	0.91	0.72	0.48	0.54	0.66	0.81	1.06	0.97	1.52	0.57	0.72	1.19	1.25	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-7.10	-0.34	-4.33	0.00	-0.78	0.00	0.00	0.00	-21.39	-15.91	-25.70	-13.24	0.00	0.00	0.00
ADK S GLENS___FALLS	23.29	22.00	17.78	18.52	17.23	18.69	20.32	18.57	21.48	23.08	16.69	16.92	13.91	12.16	13.66	16.09	18.11	35.51	38.10	33.59	23.19	17.32	19.70	15.02
24028	1.21	1.11	0.98	0.98	0.92	1.03	1.17	1.15	1.24	0.99	0.83	0.65	0.41	0.48	0.59	0.74	0.96	0.87	1.37	0.50	0.65	1.07	1.14	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-7.10	-0.34	-4.33	0.00	-0.78	0.00	0.00	0.00	-21.39	-15.91	-25.69	-13.24	0.00	0.00	0.00
ADK_NYS___DAM	22.71	21.49	17.35	18.05	16.79	18.21	19.75	18.05	20.81	22.42	16.28	16.50	13.62	11.95	13.43	15.81	17.77	34.62	37.18	32.73	22.57	16.86	19.09	14.61
23527	0.63	0.59	0.55	0.50	0.48	0.54	0.59	0.64	0.59	0.52	0.44	0.35	0.11	0.29	0.37	0.46	0.63	0.54	0.87	0.31	0.38	0.61	0.53	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-6.91	-0.33	-4.22	0.00	-0.76	0.00	0.00	0.00	-20.83	-15.49	-25.02	-12.89	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.11	20.96	16.90	17.59	16.39	17.74	19.21	17.54	20.26	22.07	15.95	16.28	13.39	11.75	13.19	15.51	17.39	34.49	36.79	32.78	22.47	16.46	18.64	14.28
24190	0.03	0.06	0.10	0.05	0.08	0.08	0.05	0.12	0.03	0.09	0.09	0.08	-0.11	0.08	0.12	0.15	0.25	0.20	0.33	0.11	0.14	0.21	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-6.98	-0.34	-4.26	0.00	-0.77	0.00	0.00	0.00	-21.03	-15.65	-25.27	-13.02	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.97	20.79	16.71	17.46	16.22	17.58	19.07	17.29	19.48	14.86	15.39	11.86	13.46	10.83	12.96	15.22	16.90	13.02	20.43	7.25	9.13	16.04	18.41	14.04
355683	-0.11	-0.10	-0.09	-0.09	-0.09	-0.09	-0.09	-0.13	-0.16	-0.13	-0.12	-0.08	-0.04	-0.06	-0.10	-0.13	-0.24	-0.23	-0.39	-0.15	-0.17	-0.21	-0.15	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.11	20.96	16.90	17.59	16.39	17.74	19.21	17.54	20.26	22.07	15.95	16.28	13.39	11.75	13.19	15.51	17.39	34.49	36.79	32.78	22.47	16.46	18.64	14.28
23571	0.03	0.06	0.10	0.05	0.08	0.08	0.05	0.12	0.03	0.09	0.09	0.08	-0.11	0.08	0.12	0.15	0.25	0.20	0.33	0.11	0.14	0.21	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-6.98	-0.34	-4.26	0.00	-0.77	0.00	0.00	0.00	-21.03	-15.65	-25.27	-13.02	0.00	0.00	0.00
ALBANY___2	22.11	20.96	16.90	17.59	16.39	17.74	19.21	17.54	20.26	22.07	15.95	16.28	13.39	11.75	13.19	15.51	17.39	34.49	36.79	32.78	22.47	16.46	18.64	14.28
23572	0.03	0.06	0.10	0.05	0.08	0.08	0.05	0.12	0.03	0.09	0.09	0.08	-0.11	0.08	0.12	0.15	0.25	0.20	0.33	0.11	0.14	0.21	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-6.98	-0.34	-4.26	0.00	-0.77	0.00	0.00	0.00	-21.03	-15.65	-25.27	-13.02	0.00	0.00	0.00
ALBANY___3	22.11	20.96	16.90	17.59	16.39	17.74	19.21	17.54	20.26	22.07	15.95	16.28	13.39	11.75	13.19	15.51	17.39	34.49	36.79	32.78	22.47	16.46	18.64	14.28
23573	0.03	0.06	0.10	0.05	0.08	0.08	0.05	0.12	0.03	0.09	0.09	0.08	-0.11	0.08	0.12	0.15	0.25	0.20	0.33	0.11	0.14	0.21	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-6.98	-0.34	-4.26	0.00	-0.77	0.00	0.00	0.00	-21.03	-15.65	-25.27	-13.02	0.00	0.00	0.00

ALBANY___4 23574	22.11 0.03 0.00	20.96 0.06 0.00	16.90 0.10 0.00	17.59 0.05 0.00	16.39 0.08 0.00	17.74 0.08 0.00	19.21 0.05 0.00	17.54 0.12 0.00	20.26 0.03 -0.58	22.07 0.09 -6.98	15.95 0.09 -0.34	16.28 0.08 -4.26	13.39 -0.11 0.00	11.75 0.08 -0.77	13.19 0.12 0.00	15.51 0.15 0.00	17.39 0.25 0.00	34.49 0.20 -21.03	36.79 0.33 -15.65	32.78 0.11 -25.27	22.47 0.14 -13.02	16.46 0.21 0.00	18.64 0.08 0.00	14.28 0.12 0.00
ALBANY___LFGE 323615	22.35 0.27 0.00	21.17 0.27 0.00	17.06 0.26 0.00	17.76 0.22 0.00	16.55 0.24 0.00	17.91 0.25 0.00	19.40 0.24 0.00	17.72 0.30 0.00	20.45 0.23 -0.58	22.25 0.24 -7.01	16.10 0.25 -0.34	16.41 0.20 -4.28	13.51 0.01 0.00	11.86 0.18 -0.77	13.32 0.25 0.00	15.67 0.32 0.00	17.57 0.43 0.00	34.72 0.35 -21.11	37.09 0.57 -15.71	32.96 0.20 -25.36	22.62 0.24 -13.07	16.63 0.38 0.00	18.84 0.28 0.00	14.42 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	22.05 -0.03 0.00	20.87 -0.02 0.00	16.77 -0.03 0.00	17.52 -0.03 0.00	16.28 -0.03 0.00	17.63 -0.03 0.00	19.14 -0.02 0.00	17.35 -0.06 0.00	19.55 -0.09 0.00	14.91 -0.08 0.00	15.43 -0.09 0.00	11.88 -0.05 0.00	13.48 -0.02 0.00	10.85 -0.05 0.00	12.98 -0.08 0.00	15.25 -0.10 0.00	16.93 -0.21 0.00	13.05 -0.20 0.00	20.49 -0.34 0.00	7.28 -0.13 0.00	9.16 -0.14 0.00	16.08 -0.17 0.00	18.46 -0.10 0.00	14.07 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	22.05 -0.03 0.00	20.87 -0.02 0.00	16.77 -0.03 0.00	17.52 -0.03 0.00	16.28 -0.03 0.00	17.63 -0.03 0.00	19.14 -0.02 0.00	17.35 -0.06 0.00	19.55 -0.09 0.00	14.91 -0.08 0.00	15.43 -0.09 0.00	11.88 -0.05 0.00	13.48 -0.02 0.00	10.85 -0.05 0.00	12.98 -0.08 0.00	15.25 -0.10 0.00	16.93 -0.21 0.00	13.05 -0.20 0.00	20.49 -0.34 0.00	7.28 -0.13 0.00	9.16 -0.14 0.00	16.08 -0.17 0.00	18.46 -0.10 0.00	14.07 -0.09 0.00
ALCOA___DSASP 323711	22.05 -0.03 0.00	20.87 -0.02 0.00	16.77 -0.03 0.00	17.52 -0.03 0.00	16.28 -0.03 0.00	17.63 -0.03 0.00	19.14 -0.02 0.00	17.35 -0.06 0.00	19.55 -0.09 0.00	14.91 -0.08 0.00	15.43 -0.09 0.00	11.88 -0.05 0.00	13.48 -0.02 0.00	10.85 -0.05 0.00	12.98 -0.08 0.00	15.25 -0.10 0.00	16.93 -0.21 0.00	13.06 -0.20 0.00	20.49 -0.34 0.00	7.28 -0.13 0.00	9.16 -0.14 0.00	16.08 -0.17 0.00	18.46 -0.10 0.00	14.07 -0.09 0.00
ALLEGHENY___COGEN 23514	23.06 0.98 0.00	21.81 0.92 0.00	17.42 0.62 0.00	18.36 0.81 0.00	17.03 0.72 0.00	18.46 0.80 0.00	20.08 0.93 0.00	18.15 0.73 0.00	19.98 0.30 -0.04	15.51 0.03 -0.49	15.43 -0.10 -0.02	12.11 -0.12 -0.30	13.00 -0.50 0.00	10.86 -0.10 -0.06	13.05 -0.01 0.00	15.32 -0.03 0.00	17.21 0.06 0.00	14.73 0.12 -1.35	22.26 0.43 -1.01	9.43 0.40 -1.63	10.60 0.46 -0.84	16.99 0.73 0.00	19.43 0.86 0.00	14.77 0.61 0.00
ALTAMONT_115KV_TB 2 55880	22.49 0.41 0.00	21.32 0.42 0.00	17.18 0.39 0.00	17.91 0.36 0.00	16.67 0.36 0.00	18.06 0.39 0.00	19.54 0.39 0.00	17.83 0.41 0.00	20.58 0.35 -0.58	22.35 0.34 -7.01	16.19 0.34 -0.34	16.48 0.27 -4.28	13.59 0.08 0.00	11.91 0.24 -0.77	13.38 0.32 0.00	15.73 0.38 0.00	17.63 0.49 0.00	34.78 0.39 -21.13	37.18 0.64 -15.71	33.01 0.22 -25.38	22.67 0.29 -13.08	16.71 0.45 0.00	18.96 0.40 0.00	14.50 0.34 0.00
ALTONA_WT_PWR 323606	22.78 0.70 0.00	21.48 0.59 0.00	17.29 0.49 0.00	18.06 0.52 0.00	16.78 0.47 0.00	18.15 0.49 0.00	19.69 0.53 0.00	17.86 0.44 0.00	20.15 0.50 0.00	15.35 0.36 0.00	15.76 0.25 0.00	12.19 0.25 0.00	13.76 0.26 0.00	11.02 0.12 0.00	13.02 -0.04 0.00	15.23 -0.12 0.00	16.92 -0.22 0.00	13.07 -0.19 0.00	20.34 -0.48 0.00	7.12 -0.28 0.00	8.92 -0.38 0.00	15.73 -0.52 0.00	18.32 -0.24 0.00	14.09 -0.07 0.00
AMERICAN_REF_FUEL 24010	21.88 -0.20 0.00	20.78 -0.11 0.00	16.58 -0.22 0.00	17.57 0.03 0.00	16.28 -0.03 0.00	17.63 -0.03 0.00	19.15 0.00 0.00	17.19 -0.22 0.00	19.18 -0.50 -0.04	15.08 -0.35 -0.43	15.07 -0.46 -0.02	11.78 -0.42 -0.26	12.70 -0.80 0.00	10.54 -0.42 -0.05	12.66 -0.41 0.00	14.85 -0.50 0.00	16.62 -0.52 0.00	14.07 -0.37 -1.19	21.08 -0.62 -0.88	8.69 -0.14 -1.42	9.87 -0.17 -0.73	15.90 -0.35 0.00	18.30 -0.26 0.00	13.97 -0.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.74 0.66 0.00	21.46 0.57 0.00	17.09 0.29 0.00	18.13 0.59 0.00	16.80 0.49 0.00	18.21 0.54 0.00	19.82 0.66 0.00	17.83 0.42 0.00	19.93 0.24 -0.04	15.71 0.23 -0.48	15.68 0.15 -0.02	12.30 0.07 -0.30	13.22 -0.28 0.00	11.02 0.06 -0.06	13.23 0.17 0.00	15.52 0.17 0.00	17.43 0.28 0.00	14.83 0.24 -1.34	22.09 0.27 -1.00	9.19 0.18 -1.61	10.35 0.21 -0.83	16.57 0.32 0.00	19.05 0.49 0.00	14.49 0.33 0.00
ARTHUR_KILL_GT_1 23520	23.01 0.93 0.00	21.73 0.84 0.00	17.57 0.77 0.00	18.18 0.63 0.00	16.92 0.60 0.00	18.31 0.64 0.00	19.84 0.68 0.00	18.23 0.81 0.00	20.86 0.76 -0.45	21.13 0.69 -5.45	15.21 0.77 1.07	15.02 0.63 -2.46	13.88 0.48 0.10	12.09 0.60 -0.59	13.83 0.77 0.00	16.25 0.90 0.00	18.25 1.11 0.00	28.97 0.79 -14.92	33.57 1.26 -11.49	27.56 0.44 -19.72	20.07 0.60 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.84 0.68 0.00
ARTHUR_KILL_2 23512	22.95 0.87 0.00	21.68 0.78 0.00	17.53 0.73 0.00	18.13 0.59 0.00	16.88 0.57 0.00	18.26 0.59 0.00	19.79 0.63 0.00	18.17 0.76 0.00	20.81 0.71 -0.45	21.09 0.65 -5.45	15.17 0.73 1.07	14.99 0.59 -2.46	13.84 0.45 0.10	12.06 0.57 -0.59	13.80 0.73 0.00	16.20 0.85 0.00	18.20 1.05 0.00	28.93 0.75 -14.92	33.51 1.19 -11.49	27.54 0.42 -19.72	20.04 0.57 -10.16	17.20 0.95 0.00	19.48 0.91 0.00	14.81 0.65 0.00
ARTHUR_KILL_3 23513	22.99 0.91 0.00	21.70 0.81 0.00	17.54 0.73 0.00	18.13 0.58 0.00	16.87 0.56 0.00	18.26 0.60 0.00	19.79 0.63 0.00	18.18 0.77 0.00	20.85 0.76 -0.45	21.13 0.69 -5.45	15.23 0.80 1.07	15.04 0.65 -2.46	13.90 0.50 0.10	12.13 0.63 -0.60	13.86 0.80 0.00	16.27 0.92 0.00	18.25 1.10 0.00	30.45 0.78 -16.41	34.15 1.12 -12.21	27.52 0.41 -19.72	19.99 0.53 -10.16	17.10 0.85 0.00	19.36 0.80 0.00	14.81 0.64 0.00
ARTHUR_KILL_COGEN 323718	23.01 0.93 0.00	21.73 0.84 0.00	17.57 0.77 0.00	18.18 0.63 0.00	16.92 0.60 0.00	18.31 0.64 0.00	19.84 0.68 0.00	18.23 0.81 0.00	20.86 0.76 -0.45	21.13 0.69 -5.45	15.21 0.77 1.07	15.02 0.63 -2.46	13.88 0.48 0.10	12.09 0.60 -0.59	13.83 0.77 0.00	16.25 0.90 0.00	18.25 1.11 0.00	28.97 0.79 -14.92	33.57 1.26 -11.49	27.56 0.44 -19.72	20.07 0.60 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.84 0.68 0.00
ASHOKAN____ 23654	22.84 0.76 0.00	21.60 0.71 0.00	17.40 0.60 0.00	18.12 0.57 0.00	16.87 0.56 0.00	18.27 0.61 0.00	19.81 0.66 0.00	18.13 0.71 0.00	20.87 0.72 -0.51	21.65 0.49 -6.17	16.38 0.57 -0.30	16.07 0.38 -3.76	13.76 0.26 0.00	11.87 0.30 -0.68	13.51 0.44 0.00	15.91 0.55 0.00	17.90 0.75 0.00	32.40 0.58 -18.57	35.73 1.10 -13.81	30.12 0.41 -22.31	21.30 0.51 -11.49	17.14 0.89 0.00	19.37 0.81 0.00	14.78 0.62 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.99 0.91 0.00	21.69 0.80 0.00	17.60 0.80 0.00	18.16 0.62 0.00	16.90 0.59 0.00	18.30 0.64 0.00	19.79 0.63 0.00	18.24 0.82 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.32	14.05 0.56 0.01	12.15 0.66 -0.59	13.89 0.83 0.01	16.31 0.97 0.01	18.28 1.14 0.01	30.46 0.80 -16.40	34.21 1.18 -12.21	27.55 0.43 -19.71	20.05 0.59 -10.16	17.18 0.92 0.00	19.44 0.88 0.00	14.88 0.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.99 0.91 0.00	21.69 0.80 0.00	17.60 0.80 0.00	18.16 0.62 0.00	16.90 0.59 0.00	18.30 0.64 0.00	19.79 0.63 0.00	18.24 0.82 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.65 0.88 -0.26	15.97 0.72 -3.32	14.06 0.56 0.01	12.15 0.66 -0.59	13.89 0.83 0.01	16.31 0.97 0.01	18.28 1.14 0.01	30.46 0.80 -16.40	34.21 1.18 -12.21	27.55 0.43 -19.71	20.05 0.59 -10.16	17.18 0.92 0.00	19.44 0.88 0.00	14.88 0.72 0.00
ASTORIA_GT2_1 24094	22.99 0.91 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.65 0.00	19.80 0.65 0.00	18.24 0.83 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.66 0.88 -0.26	15.98 0.72 -3.33	14.07 0.56 0.00	12.16 0.66 -0.60	13.90 0.84 0.00	16.31 0.96 0.00	18.29 1.14 0.00	30.47 0.81 -16.41	34.22 1.19 -12.21	27.55 0.44 -19.72	20.06 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.89 0.72 0.00
ASTORIA_GT2_2 24095	22.99 0.91 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.65 0.00	19.80 0.65 0.00	18.24 0.83 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.66 0.88 -0.26	15.98 0.72 -3.33	14.07 0.56 0.00	12.16 0.66 -0.60	13.90 0.84 0.00	16.31 0.96 0.00	18.29 1.14 0.00	30.47 0.81 -16.41	34.22 1.19 -12.21	27.55 0.44 -19.72	20.06 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.89 0.72 0.00
ASTORIA_GT2_3 24096	22.99 0.91 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.65 0.00	19.80 0.65 0.00	18.24 0.83 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.66 0.88 -0.26	15.98 0.72 -3.33	14.07 0.56 0.00	12.16 0.66 -0.60	13.90 0.84 0.00	16.31 0.96 0.00	18.29 1.14 0.00	30.47 0.81 -16.41	34.22 1.19 -12.21	27.55 0.44 -19.72	20.06 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.89 0.72 0.00
ASTORIA_GT2_4 24097	22.99 0.91 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.65 0.00	19.80 0.65 0.00	18.24 0.83 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.66 0.88 -0.26	15.98 0.72 -3.33	14.07 0.56 0.00	12.16 0.66 -0.60	13.90 0.84 0.00	16.31 0.96 0.00	18.29 1.14 0.00	30.47 0.81 -16.41	34.22 1.19 -12.21	27.55 0.44 -19.72	20.06 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.89 0.72 0.00
ASTORIA_GT3_1 24098	22.99 0.91 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.65 0.00	19.80 0.65 0.00	18.24 0.83 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.66 0.88 -0.26	15.98 0.72 -3.33	14.07 0.56 0.00	12.16 0.66 -0.60	13.90 0.84 0.00	16.31 0.96 0.00	18.29 1.14 0.00	30.47 0.81 -16.41	34.22 1.19 -12.21	27.55 0.44 -19.72	20.06 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.89 0.72 0.00
ASTORIA_GT3_2 24099	22.99 0.91 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.65 0.																		

ASTORIA_GT_10 24110	23.11 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.38 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.91 0.75 0.00
ASTORIA_GT_11 24225	23.11 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.38 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.91 0.75 0.00
ASTORIA_GT_12 24226	23.11 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.38 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.91 0.75 0.00
ASTORIA_GT_13 24227	23.11 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.38 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.91 0.75 0.00
ASTORIA_GT_5 24106	23.03 0.95 0.00	21.73 0.84 0.00	17.63 0.83 0.00	18.20 0.65 0.00	16.93 0.62 0.00	18.34 0.67 0.00	19.83 0.67 0.00	18.27 0.85 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.68 0.91 -0.26	15.99 0.74 -3.32	14.09 0.59 0.01	12.18 0.68 -0.59	13.92 0.86 0.01	16.35 1.00 0.01	18.32 1.18 0.01	30.49 0.83 -16.40	34.26 1.23 -12.21	27.57 0.45 -19.71	20.07 0.61 -10.16	17.22 0.97 0.00	19.48 0.93 0.00	14.91 0.75 0.00
ASTORIA_GT_7 24107	23.03 0.95 0.00	21.73 0.84 0.00	17.63 0.83 0.00	18.20 0.65 0.00	16.93 0.62 0.00	18.34 0.67 0.00	19.83 0.67 0.00	18.27 0.85 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.68 0.91 -0.26	15.99 0.74 -3.32	14.09 0.59 0.01	12.18 0.68 -0.59	13.92 0.86 0.01	16.35 1.00 0.01	18.32 1.18 0.01	30.49 0.83 -16.40	34.26 1.23 -12.21	27.57 0.45 -19.71	20.07 0.61 -10.16	17.22 0.97 0.00	19.48 0.93 0.00	14.91 0.75 0.00
ASTORIA_GT_8 24108	23.03 0.95 0.00	21.73 0.84 0.00	17.63 0.83 0.00	18.20 0.65 0.00	16.93 0.62 0.00	18.34 0.67 0.00	19.83 0.67 0.00	18.27 0.86 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.68 0.91 -0.26	16.00 0.74 -3.33	14.09 0.59 0.00	12.18 0.68 -0.60	13.92 0.86 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.50 0.83 -16.41	34.26 1.23 -12.21	27.57 0.45 -19.72	20.07 0.61 -10.16	17.22 0.97 0.00	19.49 0.93 0.00	14.91 0.75 0.00
ASTORIA___2 24149	23.00 0.92 0.00	21.70 0.80 0.00	17.61 0.81 0.00	18.17 0.62 0.00	16.91 0.60 0.00	18.31 0.64 0.00	19.80 0.65 0.00	18.24 0.83 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.65 0.88 -0.26	15.97 0.72 -3.32	14.06 0.56 0.01	12.16 0.66 -0.59	13.89 0.83 0.01	16.32 0.97 0.01	18.29 1.15 0.01	30.47 0.81 -16.40	34.22 1.19 -12.21	27.55 0.43 -19.71	20.05 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.88 0.72 0.00
ASTORIA___3 23516	23.12 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.72 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.38 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.96 0.00	14.91 0.75 0.00
ASTORIA___4 23517	23.11 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.38 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.91 0.75 0.00
ASTORIA___5 23518	23.12 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.72 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.25 0.80 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.38 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.96 0.00	14.91 0.75 0.00
AST_ENERGY_2_CC3 323677	23.04 0.96 0.00	21.74 0.85 0.00	17.58 0.78 0.00	18.20 0.65 0.00	16.94 0.63 0.00	18.33 0.67 0.00	19.86 0.71 0.00	18.25 0.83 0.00	20.94 0.84 -0.45	21.20 0.75 -5.45	16.65 0.87 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.34 0.99 0.00	18.30 1.16 0.00	30.49 0.82 -16.41	34.23 1.20 -12.21	27.55 0.43 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.44 0.88 0.00	14.85 0.69 0.00
AST_ENERGY_2_CC4 323678	23.04 0.96 0.00	21.74 0.85 0.00	17.58 0.78 0.00	18.20 0.65 0.00	16.94 0.63 0.00	18.33 0.67 0.00	19.86 0.71 0.00	18.25 0.83 0.00	20.94 0.84 -0.45	21.20 0.75 -5.45	16.65 0.87 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.34 0.99 0.00	18.30 1.16 0.00	30.49 0.82 -16.41	34.23 1.20 -12.21	27.55 0.43 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.44 0.88 0.00	14.85 0.69 0.00
ATHENS_STG_1 23668	22.63 0.55 0.00	21.45 0.56 0.00	17.31 0.51 0.00	18.03 0.49 0.00	16.77 0.47 0.00	18.17 0.51 0.00	19.66 0.50 0.00	17.94 0.53 0.00	20.68 0.50 -0.54	21.92 0.46 -6.46	16.32 0.49 -0.31	16.28 0.40 -3.94	13.73 0.22 0.00	11.97 0.36 -0.71	13.54 0.47 0.00	15.91 0.56 0.00	17.83 0.68 0.00	33.24 0.52 -19.47	36.10 0.80 -14.48	31.07 0.28 -23.39	21.71 0.36 -12.05	16.83 0.57 0.00	19.09 0.53 0.00	14.59 0.43 0.00
ATHENS_STG_2 23670	22.63 0.55 0.00	21.45 0.56 0.00	17.31 0.51 0.00	18.03 0.49 0.00	16.77 0.47 0.00	18.17 0.51 0.00	19.66 0.50 0.00	17.94 0.53 0.00	20.68 0.50 -0.54	21.92 0.46 -6.46	16.32 0.49 -0.31	16.28 0.40 -3.94	13.73 0.22 0.00	11.97 0.36 -0.71	13.54 0.47 0.00	15.91 0.56 0.00	17.83 0.68 0.00	33.24 0.52 -19.47	36.10 0.80 -14.48	31.07 0.28 -23.39	21.71 0.36 -12.05	16.83 0.57 0.00	19.09 0.53 0.00	14.59 0.43 0.00

ATHENS_STG_3 23677	22.63 0.55 0.00	21.45 0.56 0.00	17.31 0.51 0.00	18.03 0.49 0.00	16.77 0.47 0.00	18.17 0.51 0.00	19.66 0.50 0.00	17.94 0.53 0.00	20.68 0.50 -0.54	21.92 0.46 -6.46	16.32 0.49 -0.31	16.28 0.40 -3.94	13.73 0.22 0.00	11.97 0.36 -0.71	13.54 0.47 0.00	15.91 0.56 0.00	17.83 0.68 0.00	33.24 0.52 -19.47	36.10 0.80 -14.48	31.07 0.28 -23.39	21.71 0.36 -12.05	16.83 0.57 0.00	19.09 0.53 0.00	14.59 0.43 0.00
AUBURN____LFGE 323710	22.35 0.27 0.00	21.20 0.31 0.00	16.93 0.13 0.00	17.72 0.18 0.00	16.48 0.17 0.00	17.83 0.16 0.00	19.38 0.22 0.00	17.57 0.15 0.00	19.53 -0.15 -0.03	15.32 -0.06 -0.38	15.39 -0.13 -0.02	12.07 -0.09 -0.23	12.94 -0.56 0.00	10.89 -0.06 -0.05	13.09 0.02 0.00	15.43 0.08 0.00	17.30 0.15 0.00	14.49 0.22 -1.02	22.04 0.46 -0.75	8.76 0.14 -1.22	10.14 0.21 -0.63	16.57 0.32 0.00	18.90 0.34 0.00	14.33 0.17 0.00
BABYLON_RES_REC 323704	23.58 1.50 0.00	22.21 1.32 0.00	17.93 1.13 0.00	18.61 1.06 0.00	17.29 0.98 0.00	18.72 1.05 0.00	20.27 1.11 0.00	18.65 1.23 0.00	21.45 1.35 -0.45	22.09 1.13 -5.97	21.35 1.30 -4.54	22.59 1.03 -9.62	18.79 0.89 -4.40	16.89 0.94 -5.05	19.18 1.17 -4.95	23.26 1.34 -6.56	31.32 1.56 -12.61	57.97 1.13 -43.58	94.67 1.69 -72.16	59.73 0.63 -51.70	92.75 0.83 -82.62	32.89 1.37 -15.26	32.61 1.39 -12.66	26.66 1.09 -11.41
BABYLON__69_KV_BK2 356345	23.86 1.78 0.00	22.46 1.57 0.00	18.13 1.33 0.00	18.82 1.28 0.00	17.48 1.17 0.00	18.93 1.26 0.00	20.49 1.33 0.00	18.86 1.45 0.00	21.69 1.60 -0.45	22.27 1.32 -5.96	21.47 1.52 -4.45	22.61 1.19 -9.49	18.87 1.07 -4.31	16.94 1.09 -4.96	19.25 1.34 -4.84	23.34 1.57 -6.42	31.31 1.81 -12.35	57.59 1.32 -43.01	93.67 1.95 -70.90	59.15 0.72 -51.02	91.36 0.97 -81.09	32.80 1.61 -14.94	32.59 1.64 -12.39	26.60 1.28 -11.17
BALL_HILL_WT_PWR 323825	22.48 0.39 0.00	21.22 0.33 0.00	16.90 0.10 0.00	17.91 0.37 0.00	16.60 0.29 0.00	17.97 0.30 0.00	19.56 0.40 0.00	17.59 0.17 0.00	19.65 -0.04 -0.04	15.49 0.02 -0.47	15.46 -0.08 -0.02	12.11 -0.11 -0.29	13.03 -0.47 0.00	10.86 -0.10 -0.06	13.04 -0.03 0.00	15.30 -0.05 0.00	17.17 0.02 0.00	14.59 0.03 -1.31	21.74 -0.05 -0.97	9.03 0.05 -1.57	10.17 0.06 -0.81	16.32 0.07 0.00	18.78 0.21 0.00	14.30 0.14 0.00
BARON_WINDS____WT_PWR 323822	22.38 0.30 0.00	21.13 0.24 0.00	16.88 0.07 0.00	17.83 0.28 0.00	16.53 0.22 0.00	17.90 0.24 0.00	19.43 0.27 0.00	17.50 0.08 0.00	19.46 -0.24 -0.05	15.49 -0.11 -0.61	15.35 -0.19 -0.03	12.13 -0.18 -0.37	12.94 -0.56 0.00	10.85 -0.13 -0.07	13.02 -0.05 0.00	15.28 -0.08 0.00	17.16 0.01 0.00	15.03 0.04 -1.74	22.11 -0.01 -1.30	9.55 0.06 -2.09	10.43 0.05 -1.08	16.32 0.07 0.00	18.75 0.19 0.00	14.33 0.17 0.00
BARRETT_IC_1 23704	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_10 23701	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	23.11 0.90 -7.22	31.64 1.01 -15.12	38.67 0.81 -25.93	29.21 0.67 -15.04	27.47 0.77 -15.80	30.94 0.95 -16.92	38.79 1.10 -22.33	49.30 1.28 -30.88	93.15 0.92 -78.98	217.18 1.36 -195.00	89.43 0.50 -81.52	94.02 0.65 -84.07	67.90 1.09 -50.56	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_11 23702	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	23.11 0.90 -7.22	31.64 1.01 -15.12	38.67 0.81 -25.93	29.21 0.67 -15.04	27.47 0.77 -15.80	30.94 0.95 -16.92	38.79 1.10 -22.33	49.30 1.28 -30.88	93.15 0.92 -78.98	217.18 1.36 -195.00	89.43 0.50 -81.52	94.02 0.65 -84.07	67.90 1.09 -50.56	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_12 23703	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	23.11 0.90 -7.22	31.64 1.01 -15.12	38.67 0.81 -25.93	29.21 0.67 -15.04	27.47 0.77 -15.80	30.94 0.95 -16.92	38.79 1.10 -22.33	49.30 1.28 -30.88	93.15 0.92 -78.98	217.18 1.36 -195.00	89.43 0.50 -81.52	94.02 0.65 -84.07	67.90 1.09 -50.56	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_2 23705	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_3 23706	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_4 23707	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_5 23708	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_6 23709	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30

BARRETT_IC_7 23710	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.52 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.95 0.82 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.43 1.10 -66.98	103.10 1.27 -84.68	198.52 0.92 -184.35	568.62 1.35 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.36 0.90 -16.30
BARRETT_IC_8 23711	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.43 0.67 -45.26	58.04 0.77 -46.37	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT_IC_9 23700	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	23.11 0.90 -7.22	31.64 1.01 -15.12	38.67 0.81 -25.93	29.21 0.67 -15.04	27.47 0.77 -15.80	30.94 0.95 -16.92	38.79 1.10 -22.33	49.30 1.28 -30.88	93.15 0.92 -78.98	217.18 1.36 -195.00	89.43 0.50 -81.52	94.02 0.65 -84.07	67.90 1.09 -50.56	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT___1 23545	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	26.65 0.90 -10.76	61.47 1.01 -44.95	82.94 0.81 -70.20	59.44 0.67 -45.26	58.05 0.77 -46.38	64.83 0.95 -50.81	83.44 1.10 -66.98	103.10 1.28 -84.68	198.52 0.92 -184.35	568.62 1.36 -546.45	181.96 0.50 -174.05	127.89 0.65 -117.93	164.02 1.09 -146.68	32.01 1.09 -12.37	31.37 0.90 -16.30
BARRETT___2 23546	23.31 1.23 0.00	21.96 1.06 0.00	17.72 0.92 0.00	18.39 0.85 0.00	17.09 0.78 0.00	18.51 0.85 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.08 -0.45	23.11 0.90 -7.22	31.64 1.01 -15.12	38.67 0.81 -25.93	29.21 0.67 -15.04	27.47 0.77 -15.80	30.94 0.95 -16.92	38.79 1.10 -22.33	49.30 1.28 -30.88	93.15 0.92 -78.98	217.18 1.36 -195.00	89.43 0.50 -81.52	94.02 0.65 -84.07	67.90 1.09 -50.56	32.01 1.09 -12.37	31.37 0.90 -16.30
BATAVIA__115KV_TB1 55881	22.64 0.57 0.00	21.44 0.54 0.00	17.11 0.30 0.00	18.08 0.54 0.00	16.76 0.45 0.00	18.15 0.49 0.00	19.76 0.60 0.00	17.78 0.37 0.00	19.80 0.12 -0.04	15.45 0.06 -0.40	15.45 -0.08 -0.02	12.05 -0.13 -0.25	13.01 -0.49 0.00	10.85 -0.10 -0.05	12.99 -0.08 0.00	15.28 -0.08 0.00	17.12 -0.02 0.00	14.44 0.09 -1.09	21.90 0.26 -0.81	8.90 0.19 -1.32	10.21 0.23 -0.68	16.57 0.31 0.00	19.00 0.44 0.00	14.46 0.30 0.00
BAYONEEC___CTG1 323682	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG10 323750	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG2 323683	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG3 323684	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG4 323685	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG5 323686	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG6 323687	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG7 323688	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BAYONEEC___CTG8 323689	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00

BAYONEEC___CTG9 323749	23.07 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.21 0.66 0.00	16.94 0.63 0.00	18.34 0.68 0.00	19.87 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.87 -0.26	15.97 0.70 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.51 0.84 -16.41	34.24 1.21 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.45 0.89 0.00	14.86 0.70 0.00
BEACON___LESR 323632	22.46 0.38 0.00	21.27 0.38 0.00	17.10 0.30 0.00	17.80 0.26 0.00	16.59 0.28 0.00	17.96 0.30 0.00	19.51 0.36 0.00	17.82 0.40 0.00	20.56 0.34 -0.58	22.28 0.32 -6.97	16.17 0.32 -0.34	16.44 0.25 -4.25	13.55 0.05 0.00	11.90 0.24 -0.77	13.36 0.30 0.00	15.71 0.36 0.00	17.69 0.54 0.00	34.72 0.46 -21.00	37.14 0.70 -15.62	32.86 0.24 -25.22	22.58 0.28 -13.00	16.73 0.47 0.00	18.95 0.39 0.00	14.47 0.31 0.00
BEAVER RIVER___HYD 24048	22.17 0.09 0.00	20.99 0.10 0.00	16.84 0.03 0.00	17.55 0.00 0.00	16.32 0.01 0.00	17.59 -0.07 0.00	19.11 -0.05 0.00	17.37 -0.04 0.00	19.43 -0.22 -0.01	14.96 -0.16 -0.12	15.25 -0.27 -0.01	11.62 -0.38 -0.07	12.76 -0.74 0.00	10.56 -0.35 -0.02	12.71 -0.35 0.00	14.96 -0.40 0.00	16.76 -0.39 0.00	13.42 -0.14 -0.30	21.04 0.00 -0.23	7.73 -0.03 -0.37	9.34 -0.15 -0.19	15.83 -0.42 0.00	18.13 -0.43 0.00	13.86 -0.30 0.00
BEEBEE_GT_13 23619	22.29 0.21 0.00	21.10 0.21 0.00	16.87 0.07 0.00	17.76 0.22 0.00	16.47 0.16 0.00	17.84 0.17 0.00	19.41 0.25 0.00	17.51 0.10 0.00	19.50 -0.17 -0.03	15.27 -0.08 -0.36	15.36 -0.17 -0.02	11.99 -0.16 -0.22	12.94 -0.56 0.00	10.79 -0.15 -0.05	12.99 -0.07 0.00	15.26 -0.09 0.00	17.10 -0.04 0.00	14.23 0.03 -0.95	21.64 0.11 -0.70	8.62 0.08 -1.14	9.98 0.10 -0.59	16.35 0.10 0.00	18.73 0.16 0.00	14.25 0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.24 1.17 0.00	21.93 1.04 0.00	17.73 0.93 0.00	18.34 0.80 0.00	17.07 0.75 0.00	18.48 0.81 0.00	20.02 0.87 0.00	18.40 0.99 0.00	21.10 1.00 -0.45	21.33 0.89 -5.45	16.78 1.01 -0.26	16.08 0.81 -3.33	14.19 0.69 0.00	12.27 0.77 -0.60	14.03 0.97 0.00	16.48 1.13 0.00	18.50 1.35 0.00	30.65 0.98 -16.41	34.53 1.50 -12.21	27.65 0.54 -19.72	20.17 0.70 -10.16	17.40 1.14 0.00	19.68 1.12 0.00	14.98 0.83 0.00
BETHLEHEM___GRP 23843	22.11 0.03 0.00	20.96 0.06 0.00	16.90 0.10 0.00	17.59 0.05 0.00	16.39 0.08 0.00	17.74 0.08 0.00	19.21 0.05 0.00	17.54 0.12 0.00	20.26 0.03 -0.58	22.07 0.09 -6.98	15.95 0.09 -0.34	16.28 0.08 -4.26	13.39 -0.11 0.00	11.75 0.08 -0.77	13.19 0.12 0.00	15.51 0.15 0.00	17.39 0.25 0.00	34.49 0.20 -21.03	36.79 0.33 -15.65	32.78 0.11 -25.27	22.47 0.14 -13.02	16.46 0.21 0.00	18.64 0.08 0.00	14.28 0.12 0.00
BETHLEHEM___GS1 323560	22.12 0.04 0.00	20.96 0.06 0.00	16.90 0.10 0.00	17.59 0.05 0.00	16.39 0.08 0.00	17.74 0.08 0.00	19.21 0.05 0.00	17.54 0.12 0.00	20.25 0.03 -0.58	22.07 0.09 -6.98	15.95 0.09 -0.34	16.28 0.08 -4.26	13.39 -0.11 0.00	11.75 0.08 -0.77	13.19 0.12 0.00	15.51 0.15 0.00	17.39 0.25 0.00	34.49 0.20 -21.03	36.79 0.33 -15.65	32.78 0.11 -25.27	22.47 0.14 -13.02	16.46 0.21 0.00	18.64 0.08 0.00	14.29 0.12 0.00
BETHLEHEM___GS2 323561	22.12 0.04 0.00	20.96 0.06 0.00	16.90 0.10 0.00	17.59 0.05 0.00	16.39 0.08 0.00	17.74 0.08 0.00	19.21 0.05 0.00	17.54 0.12 0.00	20.25 0.03 -0.58	22.07 0.09 -6.98	15.95 0.09 -0.34	16.28 0.08 -4.26	13.39 -0.11 0.00	11.75 0.08 -0.77	13.19 0.12 0.00	15.51 0.15 0.00	17.39 0.25 0.00	34.49 0.20 -21.03	36.79 0.33 -15.65	32.78 0.11 -25.27	22.47 0.14 -13.02	16.46 0.21 0.00	18.64 0.08 0.00	14.29 0.12 0.00
BETHLEHEM___GS3 323562	22.12 0.04 0.00	20.96 0.06 0.00	16.90 0.10 0.00	17.59 0.05 0.00	16.39 0.08 0.00	17.74 0.08 0.00	19.21 0.05 0.00	17.54 0.12 0.00	20.25 0.03 -0.58	22.07 0.09 -6.98	15.95 0.09 -0.34	16.28 0.08 -4.26	13.39 -0.11 0.00	11.75 0.08 -0.77	13.19 0.12 0.00	15.51 0.15 0.00	17.39 0.25 0.00	34.49 0.20 -21.03	36.79 0.33 -15.65	32.78 0.11 -25.27	22.47 0.14 -13.02	16.46 0.21 0.00	18.64 0.08 0.00	14.29 0.12 0.00
BETHLEHEM___STEEL 23779	22.40 0.32 0.00	21.19 0.30 0.00	16.89 0.10 0.00	17.90 0.35 0.00	16.58 0.27 0.00	17.95 0.28 0.00	19.53 0.37 0.00	17.56 0.14 0.00	19.60 -0.08 -0.04	15.42 -0.03 -0.46	15.42 -0.11 -0.02	12.07 -0.15 -0.28	13.00 -0.50 0.00	10.81 -0.15 -0.06	12.98 -0.08 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.48 -0.04 -1.27	21.66 -0.10 -0.94	8.96 0.03 -1.53	10.13 0.04 -0.79	16.29 0.04 0.00	18.73 0.17 0.00	14.27 0.11 0.00
BETHLHEM_115KV_TB1 79974	22.19 0.11 0.00	21.03 0.14 0.00	16.96 0.16 0.00	17.65 0.11 0.00	16.45 0.14 0.00	17.81 0.15 0.00	19.28 0.12 0.00	17.60 0.18 0.00	20.32 0.10 -0.58	22.12 0.14 -6.99	16.00 0.15 -0.34	16.32 0.12 -4.26	13.43 -0.06 0.00	11.78 0.11 -0.77	13.23 0.17 0.00	15.55 0.20 0.00	17.45 0.30 0.00	34.54 0.24 -21.04	36.87 0.39 -15.65	32.82 0.14 -25.28	22.50 0.17 -13.02	16.52 0.26 0.00	18.71 0.15 0.00	14.33 0.17 0.00
BETHPAGE_CC_5 323564	23.52 1.44 0.00	22.15 1.26 0.00	17.89 1.09 0.00	18.56 1.01 0.00	17.25 0.94 0.00	18.67 1.01 0.00	20.22 1.06 0.00	18.60 1.19 0.00	21.39 1.29 -0.45	22.19 1.08 -6.12	22.56 1.26 -5.79	24.42 1.00 -11.48	20.03 0.86 -5.67	18.14 0.91 -6.34	20.56 1.12 -6.38	25.09 1.30 -8.44	33.80 1.49 -15.17	63.05 1.06 -48.73	109.88 1.58 -87.48	64.69 0.58 -56.70	98.17 0.77 -88.10	36.93 1.27 -19.40	33.32 1.32 -13.44	27.49 1.05 -12.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.44 0.36 0.00	21.23 0.33 0.00	16.92 0.12 0.00	17.92 0.38 0.00	16.60 0.29 0.00	17.97 0.30 0.00	19.56 0.41 0.00	17.59 0.17 0.00	19.64 -0.04 -0.04	15.46 0.00 -0.46	15.46 -0.08 -0.02	12.09 -0.13 -0.28	13.03 -0.48 0.00	10.83 -0.12 -0.06	13.01 -0.05 0.00	15.28 -0.07 0.00	17.13 -0.02 0.00	14.53 -0.01 -1.29	21.71 -0.06 -0.96	8.99 0.05 -1.54	10.16 0.06 -0.79	16.32 0.07 0.00	18.77 0.21 0.00	14.30 0.14 0.00
BINGHAMTON___COGEN 23790	22.32 0.23 0.00	21.05 0.16 0.00	16.86 0.06 0.00	17.69 0.15 0.00	16.43 0.12 0.00	17.79 0.13 0.00	19.32 0.16 0.00	17.52 0.11 0.00	19.62 -0.10 -0.08	15.89 0.01 -0.88	15.49 -0.06 -0.04	12.41 -0.06 -0.54	13.04 -0.46 0.00	10.97 -0.03 -0.10	13.12 0.06 0.00	15.41 0.06 0.00	17.31 0.16 0.00	15.99 0.16 -2.57	22.92 0.19 -1.91	10.59 0.10 -3.09	11.00 0.11 -1.59	16.42 0.16 0.00	18.75 0.19 0.00	14.30 0.14 0.00
BIXINCNT_115KV_LOAD 355685	22.66 0.57 0.00	21.42 0.53 0.00	17.08 0.29 0.00	18.08 0.53 0.00	16.73 0.43 0.00	18.12 0.46 0.00	19.73 0.57 0.00	17.80 0.38 0.00	19.91 0.23 -0.04	15.68 0.20 -0.49	15.63 0.10 -0.02	12.18 -0.05 -0.30	13.13 -0.36 0.00	10.93 -0.03 -0.06	13.12 0.06 0.00	15.40 0.05 0.00	17.24 0.09 0.00	14.65 0.04 -1.35	21.81 -0.01 -1.01	9.10 0.07 -1.63	10.24 0.10 -0.84	16.43 0.18 0.00	18.92 0.36 0.00	14.41 0.24 0.00

BLACK RIVER___HYD 24047	22.50 0.42 0.00	21.32 0.42 0.00	17.09 0.29 0.00	17.81 0.27 0.00	16.56 0.25 0.00	17.84 0.17 0.00	19.39 0.23 0.00	17.65 0.23 0.00	19.70 0.04 -0.02	15.14 -0.02 -0.17	15.30 -0.22 -0.01	11.68 -0.36 -0.10	12.73 -0.77 0.00	10.60 -0.33 -0.03	12.77 -0.30 0.00	15.02 -0.34 0.00	16.86 -0.28 0.00	13.67 -0.01 -0.43	21.47 0.33 -0.32	8.02 0.11 -0.51	9.58 0.01 -0.26	16.06 -0.19 0.00	18.41 -0.15 0.00	14.05 -0.11 0.00
BLACKRVR_115KV_TB2 79977	22.50 0.42 0.00	21.32 0.42 0.00	17.09 0.29 0.00	17.81 0.27 0.00	16.56 0.25 0.00	17.84 0.17 0.00	19.39 0.23 0.00	17.65 0.23 0.00	19.70 0.04 -0.02	15.14 -0.02 -0.17	15.30 -0.22 -0.01	11.68 -0.36 -0.10	12.73 -0.77 0.00	10.60 -0.33 -0.03	12.77 -0.30 0.00	15.01 -0.34 0.00	16.86 -0.28 0.00	13.67 -0.01 -0.43	21.46 0.32 -0.32	8.02 0.11 -0.51	9.58 0.01 -0.26	16.06 -0.19 0.00	18.41 -0.15 0.00	14.05 -0.11 0.00
BLISS_WT_PWR 323608	22.63 0.55 0.00	21.43 0.54 0.00	17.09 0.29 0.00	18.09 0.54 0.00	16.74 0.43 0.00	18.14 0.48 0.00	19.75 0.59 0.00	17.81 0.40 0.00	19.93 0.25 -0.04	15.69 0.21 -0.49	15.64 0.11 -0.02	12.19 -0.04 -0.30	13.14 -0.36 0.00	10.94 -0.02 -0.06	13.14 0.07 0.00	15.40 0.05 0.00	17.23 0.09 0.00	14.65 0.04 -1.35	21.81 -0.01 -1.01	9.10 0.07 -1.63	10.25 0.11 -0.84	16.44 0.19 0.00	18.93 0.37 0.00	14.40 0.24 0.00
BLUESTONE___WT_PWR 323821	22.84 0.75 0.00	21.60 0.70 0.00	17.26 0.46 0.00	18.09 0.55 0.00	16.81 0.50 0.00	18.16 0.50 0.00	19.77 0.61 0.00	17.99 0.58 0.00	20.19 0.46 -0.09	16.44 0.44 -1.01	15.89 0.33 -0.04	12.75 0.20 -0.61	13.33 -0.17 0.00	11.21 0.19 -0.12	13.40 0.33 0.00	15.77 0.42 0.00	17.78 0.63 0.00	16.83 0.62 -2.96	24.09 1.07 -2.20	11.37 0.41 -3.55	11.63 0.50 -1.83	17.08 0.83 0.00	19.45 0.89 0.00	14.80 0.64 0.00
BLUE_CIRC_CHEM_DRP 24182	22.53 0.45 0.00	21.36 0.47 0.00	17.20 0.40 0.00	17.93 0.38 0.00	16.70 0.39 0.00	18.08 0.41 0.00	19.56 0.40 0.00	17.85 0.43 0.00	20.59 0.38 -0.57	22.22 0.35 -6.88	16.18 0.34 -0.33	16.39 0.26 -4.20	13.58 0.08 0.00	11.89 0.24 -0.76	13.38 0.31 0.00	15.74 0.39 0.00	17.65 0.51 0.00	34.38 0.41 -20.71	36.90 0.67 -15.41	32.52 0.24 -24.88	22.42 0.30 -12.82	16.73 0.48 0.00	18.97 0.41 0.00	14.52 0.36 0.00
BOC_GAS_DRP 24189	22.40 0.32 0.00	21.24 0.35 0.00	17.13 0.33 0.00	17.85 0.30 0.00	16.61 0.30 0.00	17.99 0.33 0.00	19.47 0.31 0.00	17.76 0.34 0.00	20.51 0.28 -0.58	22.28 0.29 -7.00	16.14 0.30 -0.34	16.44 0.24 -4.27	13.56 0.06 0.00	11.89 0.22 -0.77	13.36 0.30 0.00	15.70 0.35 0.00	17.60 0.45 0.00	34.69 0.35 -21.09	37.07 0.56 -15.69	32.93 0.19 -25.33	22.60 0.25 -13.05	16.64 0.39 0.00	18.88 0.32 0.00	14.44 0.28 0.00
BOONVILLE_115KV_TB1 79983	22.42 0.33 0.00	21.20 0.31 0.00	17.02 0.22 0.00	17.76 0.21 0.00	16.50 0.19 0.00	17.85 0.18 0.00	19.38 0.22 0.00	17.60 0.18 0.00	19.69 0.03 -0.01	15.21 0.11 -0.10	15.56 0.05 0.00	11.92 -0.07 -0.06	12.99 -0.51 0.00	10.82 -0.09 -0.02	13.05 -0.01 0.00	15.35 0.00 0.00	17.21 0.07 0.00	13.41 0.16 0.00	21.20 0.38 0.00	7.52 0.12 0.00	9.38 0.08 0.00	16.30 0.04 0.00	18.60 0.04 0.00	14.20 0.03 0.00
BORALEX_4TH_BRANCH 23824	22.71 0.63 0.00	21.49 0.59 0.00	17.35 0.55 0.00	18.05 0.50 0.00	16.79 0.48 0.00	18.21 0.54 0.00	19.75 0.59 0.00	18.05 0.64 0.00	20.81 0.59 -0.58	22.42 0.52 -6.91	16.28 0.44 -0.33	16.50 0.35 -4.22	13.62 0.11 0.00	11.95 0.29 -0.76	13.43 0.37 0.00	15.81 0.46 0.00	17.77 0.63 0.00	34.62 0.54 -20.83	37.18 0.87 -15.49	32.73 0.31 -25.02	22.57 0.38 -12.89	16.86 0.61 0.00	19.09 0.53 0.00	14.61 0.45 0.00
BOWLINE___1 23526	22.85 0.77 0.00	21.59 0.70 0.00	17.43 0.62 0.00	18.08 0.54 0.00	16.82 0.51 0.00	18.21 0.55 0.00	19.73 0.58 0.00	18.10 0.68 0.00	20.74 0.66 -0.43	20.78 0.61 -5.17	16.45 0.69 -0.25	15.66 0.57 -3.16	13.90 0.40 0.00	12.00 0.53 -0.57	13.75 0.69 0.00	16.17 0.81 0.00	18.13 0.98 0.00	29.56 0.73 -15.58	33.50 1.09 -11.59	26.50 0.38 -18.72	19.43 0.49 -9.64	17.03 0.77 0.00	19.30 0.74 0.00	14.73 0.57 0.00
BOWLINE___2 23595	22.85 0.77 0.00	21.59 0.70 0.00	17.43 0.62 0.00	18.08 0.54 0.00	16.82 0.51 0.00	18.21 0.55 0.00	19.73 0.58 0.00	18.10 0.68 0.00	20.74 0.66 -0.43	20.78 0.61 -5.18	16.45 0.69 -0.25	15.66 0.57 -3.16	13.90 0.40 0.00	12.00 0.53 -0.57	13.75 0.69 0.00	16.17 0.81 0.00	18.13 0.98 0.00	29.56 0.73 -15.58	33.50 1.09 -11.59	26.50 0.38 -18.72	19.43 0.49 -9.64	17.03 0.77 0.00	19.30 0.74 0.00	14.73 0.57 0.00
BRADY___115KV_TB2 356060	22.12 0.04 0.00	20.93 0.04 0.00	16.82 0.02 0.00	17.56 0.02 0.00	16.32 0.02 0.00	17.68 0.02 0.00	19.21 0.05 0.00	17.42 0.00 0.00	19.61 -0.03 0.00	14.92 -0.07 0.00	15.40 -0.11 0.00	11.85 -0.08 0.00	13.46 -0.04 0.00	10.83 -0.07 0.00	12.95 -0.11 0.00	15.21 -0.14 0.00	16.89 -0.25 0.00	13.04 -0.21 0.00	20.54 -0.28 0.00	7.31 -0.09 0.00	9.20 -0.10 0.00	16.14 -0.12 0.00	18.52 -0.04 0.00	14.11 -0.05 0.00
BRANSCOMB___SOLAR 323811	23.01 0.93 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.29 0.75 0.00	17.01 0.70 0.00	18.45 0.78 0.00	20.03 0.87 0.00	18.28 0.86 0.00	21.12 0.89 -0.59	22.80 0.73 -7.08	16.50 0.64 -0.34	16.76 0.50 -4.32	13.78 0.28 0.00	12.07 0.39 -0.78	13.56 0.49 0.00	15.96 0.61 0.00	17.95 0.80 0.00	35.28 0.71 -21.31	37.81 1.13 -15.85	33.41 0.41 -25.61	23.01 0.52 -13.19	17.10 0.84 0.00	19.42 0.85 0.00	14.82 0.66 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.79 1.71 0.00	22.38 1.49 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.87 1.21 0.00	20.43 1.27 0.00	18.80 1.38 0.00	21.62 1.52 -0.45	21.99 1.26 -5.73	19.51 1.45 -2.55	19.74 1.14 -6.67	16.89 1.00 -2.39	14.95 1.03 -3.02	17.03 1.28 -2.69	20.42 1.49 -3.58	27.53 1.72 -8.66	50.15 1.24 -35.65	70.63 1.75 -48.06	52.15 0.64 -44.11	85.40 0.91 -75.18	26.49 1.52 -8.72	31.75 1.54 -11.65	25.65 1.20 -10.28
BRISTLHL_115KV_TB1 79998	22.40 0.32 0.00	21.16 0.27 0.00	16.98 0.18 0.00	17.77 0.22 0.00	16.51 0.19 0.00	17.87 0.20 0.00	19.42 0.25 0.00	17.60 0.19 0.00	19.59 -0.08 -0.03	15.26 0.00 -0.27	15.45 -0.08 -0.01	12.01 -0.09 -0.16	12.96 -0.55 0.00	10.88 -0.06 -0.04	13.12 0.05 0.00	15.41 0.06 0.00	17.29 0.14 0.00	14.14 0.21 -0.67	21.73 0.41 -0.50	8.38 0.17 -0.81	9.90 0.17 -0.42	16.50 0.25 0.00	18.83 0.27 0.00	14.35 0.19 0.00
BROOKHAVEN___DRP 24191	23.81 1.73 0.00	22.40 1.51 0.00	18.11 1.31 0.00	18.79 1.25 0.00	17.46 1.15 0.00	18.91 1.25 0.00	20.44 1.28 0.00	18.85 1.43 0.00	21.67 1.57 -0.45	21.98 1.29 -5.69	19.21 1.52 -2.18	19.24 1.19 -6.11	16.56 1.05 -2.01	14.60 1.06 -2.63	16.65 1.32 -2.26	19.93 1.56 -3.02	26.84 1.79 -7.91	48.67 1.27 -34.14	66.26 1.93 -43.51	50.79 0.73 -42.66	83.94 0.95 -73.69	25.34 1.59 -7.50	31.61 1.60 -11.45	25.45 1.23 -10.06

BROOKLYN_NAVY_YARD 23515	23.03 0.95 0.00	21.74 0.85 0.00	17.57 0.77 0.00	18.20 0.65 0.00	16.94 0.63 0.00	18.33 0.67 0.00	19.86 0.71 0.00	18.25 0.84 0.00	20.94 0.84 -0.45	21.20 0.75 -5.45	16.63 0.85 -0.26	15.94 0.69 -3.33	14.04 0.53 0.00	12.14 0.64 -0.60	13.89 0.82 0.00	16.30 0.95 0.00	18.27 1.13 0.00	30.47 0.80 -16.41	34.21 1.18 -12.21	27.54 0.42 -19.72	20.02 0.56 -10.16	17.16 0.90 0.00	19.43 0.87 0.00	14.85 0.69 0.00
BROOKLYN___ARMY_DRP 323595	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.90 0.74 0.00
BROOKVLE_69_KV_TB1 55790	23.39 1.31 0.00	22.06 1.17 0.00	17.81 1.01 0.00	18.47 0.93 0.00	17.17 0.86 0.00	18.60 0.93 0.00	20.14 0.99 0.00	18.51 1.10 0.00	21.27 1.18 -0.45	22.71 1.00 -6.72	27.43 1.15 -10.77	31.72 0.92 -18.86	25.03 0.79 -10.74	23.22 0.86 -11.46	26.22 1.08 -12.08	32.58 1.25 -15.98	44.88 1.46 -26.27	85.86 1.06 -71.55	172.77 1.60 -150.35	88.23 0.58 -80.25	132.99 0.74 -122.94	53.59 1.22 -36.10	38.68 1.22 -18.90	32.76 0.96 -17.63
BROOME_2_LFGE 323671	22.31 0.23 0.00	21.05 0.16 0.00	16.86 0.06 0.00	17.69 0.15 0.00	16.43 0.12 0.00	17.79 0.13 0.00	19.32 0.16 0.00	17.52 0.11 0.00	19.62 -0.10 -0.08	15.88 0.01 -0.88	15.49 -0.06 -0.04	12.41 -0.06 -0.54	13.04 -0.46 0.00	10.97 -0.03 -0.10	13.12 0.06 0.00	15.41 0.06 0.00	17.31 0.16 0.00	15.98 0.16 -2.57	22.92 0.19 -1.91	10.59 0.10 -3.09	11.00 0.11 -1.59	16.42 0.16 0.00	18.75 0.19 0.00	14.30 0.14 0.00
BROOME___LFGE 323600	22.31 0.23 0.00	21.05 0.16 0.00	16.86 0.06 0.00	17.69 0.15 0.00	16.43 0.12 0.00	17.79 0.13 0.00	19.32 0.16 0.00	17.52 0.11 0.00	19.62 -0.10 -0.08	15.88 0.01 -0.88	15.49 -0.06 -0.04	12.41 -0.06 -0.54	13.04 -0.46 0.00	10.97 -0.03 -0.10	13.12 0.06 0.00	15.41 0.06 0.00	17.31 0.16 0.00	15.98 0.16 -2.57	22.92 0.19 -1.91	10.59 0.10 -3.09	11.00 0.11 -1.59	16.42 0.16 0.00	18.75 0.19 0.00	14.30 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	21.94 -0.14 0.00	20.76 -0.13 0.00	16.67 -0.13 0.00	17.38 -0.16 0.00	16.16 -0.15 0.00	17.45 -0.21 0.00	18.95 -0.20 0.00	17.22 -0.19 0.00	19.32 -0.33 0.00	14.74 -0.25 0.00	15.17 -0.34 0.00	11.58 -0.36 0.00	12.94 -0.56 0.00	10.58 -0.34 -0.01	12.69 -0.38 0.00	14.91 -0.44 0.00	16.64 -0.50 0.00	12.95 -0.30 0.00	20.49 -0.33 0.00	7.26 -0.14 0.00	9.06 -0.24 0.00	15.77 -0.48 0.00	18.08 -0.48 0.00	13.81 -0.35 0.00
BROWNSV1_27_KV_LOAD 356125	23.27 1.19 0.00	21.96 1.07 0.00	17.74 0.94 0.00	18.37 0.82 0.00	17.09 0.78 0.00	18.51 0.84 0.00	20.05 0.90 0.00	18.43 1.01 0.00	21.14 1.04 -0.45	21.35 0.91 -5.45	16.81 1.03 -0.26	16.09 0.83 -3.33	14.20 0.70 0.00	12.29 0.79 -0.60	14.06 0.99 0.00	16.51 1.16 0.00	18.51 1.36 0.00	30.65 0.99 -16.41	34.49 1.46 -12.21	27.64 0.53 -19.72	20.15 0.69 -10.16	17.37 1.11 0.00	19.66 1.10 0.00	15.01 0.85 0.00
BURROWS___LYONSDAL 23803	22.35 0.28 0.00	21.16 0.26 0.00	16.98 0.18 0.00	17.70 0.16 0.00	16.45 0.14 0.00	17.78 0.12 0.00	19.30 0.14 0.00	17.53 0.11 0.00	19.61 -0.05 -0.01	15.14 0.05 -0.10	15.49 -0.03 0.00	11.84 -0.16 -0.06	12.92 -0.58 0.00	10.76 -0.16 -0.02	12.97 -0.10 0.00	15.26 -0.10 0.00	17.10 -0.05 0.00	13.34 0.08 0.00	21.10 0.28 0.00	7.47 0.07 0.00	9.31 0.01 0.00	16.15 -0.10 0.00	18.45 -0.12 0.00	14.09 -0.07 0.00
CAITHNESS_CC_1 323624	23.74 1.66 0.00	22.34 1.44 0.00	18.06 1.26 0.00	18.74 1.19 0.00	17.41 1.10 0.00	18.85 1.18 0.00	20.38 1.23 0.00	18.79 1.37 0.00	21.60 1.50 -0.45	21.93 1.24 -5.69	19.15 1.47 -2.17	19.19 1.15 -6.10	16.51 1.01 -2.00	14.56 1.03 -2.63	16.60 1.28 -2.25	19.86 1.50 -3.01	26.77 1.73 -7.89	48.58 1.22 -34.11	66.07 1.84 -43.41	50.72 0.70 -42.62	83.87 0.91 -73.66	25.25 1.53 -7.47	31.54 1.53 -11.45	25.41 1.19 -10.06
CALPINE BETH_PAGE_GT4 24209	23.50 1.41 0.00	22.14 1.25 0.00	17.87 1.07 0.00	18.55 1.00 0.00	17.24 0.92 0.00	18.67 1.01 0.00	20.21 1.05 0.00	18.59 1.18 0.00	21.38 1.28 -0.45	22.37 1.07 -6.31	24.11 1.24 -7.35	26.74 0.99 -13.81	21.61 0.85 -7.26	19.72 0.88 -7.94	22.32 1.09 -8.16	27.41 1.26 -10.80	36.89 1.41 -18.33	69.36 1.01 -55.10	128.91 1.49 -106.60	70.82 0.55 -62.86	104.60 0.72 -94.57	42.02 1.20 -24.57	34.20 1.30 -14.34	28.47 1.04 -13.27
CALPINE_BETH_PAGE_GT_4 323586	23.50 1.42 0.00	22.14 1.25 0.00	17.87 1.07 0.00	18.55 1.00 0.00	17.23 0.92 0.00	18.66 1.00 0.00	20.21 1.05 0.00	18.59 1.18 0.00	21.37 1.28 -0.45	22.37 1.07 -6.31	24.11 1.24 -7.35	26.74 0.99 -13.81	21.61 0.85 -7.26	19.72 0.88 -7.94	22.32 1.09 -8.16	27.41 1.26 -10.80	36.89 1.41 -18.33	69.36 1.00 -55.10	128.91 1.49 -106.60	70.82 0.55 -62.86	104.60 0.72 -94.57	42.02 1.20 -24.57	34.20 1.30 -14.34	28.47 1.04 -13.27
CALPINE_BP_GT1 23823	23.50 1.42 0.00	22.14 1.25 0.00	17.87 1.07 0.00	18.55 1.00 0.00	17.23 0.92 0.00	18.66 1.00 0.00	20.21 1.05 0.00	18.59 1.18 0.00	21.37 1.28 -0.45	22.37 1.07 -6.31	24.11 1.24 -7.35	26.74 0.99 -13.81	21.61 0.85 -7.26	19.72 0.88 -7.94	22.32 1.09 -8.16	27.41 1.26 -10.80	36.89 1.41 -18.33	69.36 1.00 -55.10	128.91 1.49 -106.60	70.82 0.55 -62.86	104.60 0.72 -94.57	42.02 1.20 -24.57	34.20 1.30 -14.34	28.47 1.04 -13.27
CALSPAN___DRP 24200	22.40 0.32 0.00	21.19 0.30 0.00	16.89 0.10 0.00	17.90 0.35 0.00	16.58 0.27 0.00	17.95 0.28 0.00	19.53 0.37 0.00	17.56 0.14 0.00	19.60 -0.08 -0.04	15.42 -0.03 -0.46	15.42 -0.11 -0.02	12.07 -0.15 -0.28	13.00 -0.50 0.00	10.81 -0.15 -0.06	12.98 -0.08 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.48 -0.04 -1.27	21.66 -0.10 -0.94	8.96 0.03 -1.53	10.13 0.04 -0.79	16.29 0.04 0.00	18.73 0.17 0.00	14.27 0.11 0.00
CALVERTON___SOLAR 323806	23.90 1.82 0.00	22.48 1.59 0.00	18.17 1.37 0.00	18.86 1.32 0.00	17.52 1.22 0.00	18.97 1.30 0.00	20.52 1.36 0.00	18.92 1.50 0.00	21.75 1.65 -0.45	22.04 1.36 -5.69	19.29 1.60 -2.18	19.30 1.24 -6.12	16.62 1.10 -2.02	14.64 1.11 -2.64	16.70 1.37 -2.27	19.99 1.62 -3.02	26.93 1.87 -7.92	48.75 1.34 -34.15	66.40 2.04 -43.54	50.84 0.77 -42.67	84.00 1.00 -73.70	25.43 1.67 -7.51	31.69 1.68 -11.45	25.52 1.29 -10.06
CANDIGU_WT_PWR 323617	22.38 0.30 0.00	21.13 0.24 0.00	16.88 0.07 0.00	17.83 0.28 0.00	16.53 0.22 0.00	17.90 0.24 0.00	19.43 0.27 0.00	17.50 0.08 0.00	19.46 -0.24 -0.05	15.49 -0.11 -0.61	15.35 -0.19 -0.03	12.13 -0.18 -0.37	12.94 -0.56 0.00	10.85 -0.13 -0.07	13.02 -0.05 0.00	15.28 -0.08 0.00	17.16 0.01 0.00	15.03 0.04 -1.74	22.11 -0.01 -1.30	9.55 0.06 -2.09	10.43 0.05 -1.08	16.32 0.07 0.00	18.75 0.19 0.00	14.33 0.17 0.00

CARR STREET_E__SYR 24060	22.03 -0.05 0.00	20.83 -0.06 0.00	16.71 -0.09 0.00	17.49 -0.05 0.00	16.24 -0.06 0.00	17.60 -0.07 0.00	19.11 -0.05 0.00	17.32 -0.10 0.00	19.26 -0.41 -0.03	15.05 -0.23 -0.28	15.23 -0.29 -0.01	11.87 -0.24 -0.17	12.80 -0.70 0.00	10.76 -0.17 -0.04	12.97 -0.10 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	13.99 0.01 -0.73	21.40 0.04 -0.54	8.31 0.03 -0.87	9.77 0.02 -0.45	16.25 0.00 0.00	18.54 -0.02 0.00	14.13 -0.03 0.00
CARTHAGE__PAPER 23857	22.40 0.32 0.00	21.21 0.31 0.00	17.00 0.21 0.00	17.72 0.18 0.00	16.48 0.17 0.00	17.76 0.10 0.00	19.31 0.16 0.00	17.57 0.15 0.00	19.64 -0.02 -0.15	15.10 -0.04 -0.01	15.33 -0.20 -0.01	11.69 -0.34 -0.09	12.79 -0.71 0.00	10.61 -0.31 -0.02	12.77 -0.30 0.00	15.02 -0.34 0.00	16.84 -0.30 0.00	13.60 -0.03 -0.38	21.34 0.24 -0.28	7.92 0.07 -0.46	9.50 -0.03 -0.23	16.01 -0.24 0.00	18.35 -0.21 0.00	14.01 -0.15 0.00
CASSADAGA_WT_PWR 323784	22.89 0.81 0.00	21.61 0.72 0.00	17.21 0.41 0.00	18.24 0.70 0.00	16.90 0.59 0.00	18.32 0.66 0.00	19.94 0.78 0.00	17.97 0.55 0.00	20.10 0.41 -0.04	15.85 0.37 -0.49	15.82 0.29 -0.02	12.39 0.16 -0.30	13.32 -0.18 0.00	11.10 0.14 -0.06	13.33 0.26 0.00	15.62 0.27 0.00	17.55 0.40 0.00	14.92 0.32 -1.35	22.23 0.40 -1.00	9.25 0.22 -1.62	10.41 0.27 -0.84	16.69 0.43 0.00	19.18 0.62 0.00	14.59 0.42 0.00
CE_DUNWOOD__DRP 24194	22.96 0.88 0.00	21.69 0.80 0.00	17.51 0.72 0.00	18.17 0.62 0.00	16.90 0.59 0.00	18.31 0.65 0.00	19.83 0.68 0.00	18.20 0.78 0.00	20.89 0.80 -0.45	21.13 0.71 -5.43	16.58 0.80 -0.26	15.89 0.65 -3.31	13.99 0.49 0.00	12.10 0.60 -0.60	13.84 0.77 0.00	16.25 0.90 0.00	18.22 1.08 0.00	30.39 0.79 -16.35	34.17 1.18 -12.16	27.46 0.42 -19.64	19.96 0.54 -10.12	17.12 0.86 0.00	19.39 0.83 0.00	14.81 0.65 0.00
CE_MILLWOOD__DRP 24193	22.92 0.83 0.00	21.65 0.76 0.00	17.49 0.69 0.00	18.14 0.59 0.00	16.88 0.57 0.00	18.28 0.61 0.00	19.80 0.64 0.00	18.16 0.75 0.00	20.85 0.75 -0.45	21.06 0.67 -5.39	16.53 0.76 -0.26	15.84 0.62 -3.29	13.96 0.45 0.00	12.07 0.57 -0.60	13.80 0.74 0.00	16.22 0.87 0.00	18.18 1.04 0.00	30.26 0.76 -16.24	34.05 1.15 -12.08	27.31 0.40 -19.51	19.87 0.52 -10.05	17.09 0.83 0.00	19.36 0.79 0.00	14.78 0.62 0.00
CE_NYC2_DRP 24202	23.11 1.03 0.00	21.80 0.91 0.00	17.64 0.84 0.00	18.25 0.71 0.00	16.98 0.67 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.24 0.90 -0.45	16.69 0.80 -5.45	16.00 0.91 -0.26	14.10 0.74 -3.33	12.20 0.60 0.00	13.95 0.89 -0.60	16.38 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.08 0.62 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.91 0.75 0.00	
CE_NYC_DRP 24195	23.09 1.01 0.00	21.80 0.91 0.00	17.62 0.82 0.00	18.24 0.70 0.00	16.97 0.67 0.00	18.38 0.72 0.00	19.91 0.75 0.00	18.29 0.88 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.68 0.91 -0.26	15.99 0.73 -3.33	14.09 0.59 0.00	12.19 0.69 -0.60	13.95 0.88 0.00	16.38 1.03 0.00	18.35 1.21 0.00	30.54 0.87 -16.41	34.30 1.27 -12.21	27.57 0.46 -19.72	20.06 0.60 -10.16	17.22 0.96 0.00	19.49 0.93 0.00	14.89 0.73 0.00
CHAFFEE__LFGE 323603	22.31 0.23 0.00	21.14 0.25 0.00	16.86 0.05 0.00	17.85 0.30 0.00	16.54 0.23 0.00	17.91 0.24 0.00	19.48 0.32 0.00	17.52 0.11 0.00	19.57 -0.12 -0.04	15.40 -0.07 -0.47	15.39 -0.15 -0.02	12.05 -0.17 -0.29	12.96 -0.54 0.00	10.79 -0.17 -0.06	12.97 -0.10 0.00	15.21 -0.14 0.00	17.06 -0.09 0.00	14.51 -0.05 -1.31	21.68 -0.12 -0.98	9.01 0.03 -1.58	10.15 0.04 -0.81	16.28 0.03 0.00	18.70 0.14 0.00	14.24 0.08 0.00
CHATEAUG_35_KV_LOAD 355732	22.66 0.58 0.00	21.39 0.49 0.00	17.21 0.41 0.00	17.98 0.44 0.00	16.71 0.40 0.00	18.08 0.41 0.00	19.62 0.46 0.00	17.78 0.36 0.00	20.08 0.43 0.00	15.29 0.30 0.00	15.73 0.22 0.00	12.15 0.22 0.00	13.74 0.24 0.00	10.99 0.09 0.00	12.98 -0.08 0.00	15.21 -0.14 0.00	16.87 -0.27 0.00	13.02 -0.23 0.00	20.30 -0.52 0.00	7.12 -0.28 0.00	8.93 -0.37 0.00	15.76 -0.50 0.00	18.34 -0.22 0.00	14.08 -0.08 0.00
CHATEAUG_WT_PWR 323614	22.66 0.58 0.00	21.38 0.48 0.00	17.20 0.40 0.00	17.97 0.43 0.00	16.70 0.39 0.00	18.07 0.40 0.00	19.60 0.44 0.00	17.77 0.36 0.00	20.06 0.41 0.00	15.29 0.29 0.00	15.71 0.20 0.00	12.14 0.21 0.00	13.72 0.22 0.00	10.98 0.08 0.00	12.97 -0.09 0.00	15.19 -0.16 0.00	16.86 -0.28 0.00	13.01 -0.25 0.00	20.28 -0.54 0.00	7.10 -0.30 0.00	8.90 -0.40 0.00	15.71 -0.54 0.00	18.29 -0.27 0.00	14.05 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	22.66 0.58 0.00	21.39 0.49 0.00	17.21 0.41 0.00	17.98 0.44 0.00	16.71 0.40 0.00	18.08 0.41 0.00	19.62 0.46 0.00	17.78 0.36 0.00	20.08 0.43 0.00	15.29 0.30 0.00	15.73 0.22 0.00	12.15 0.22 0.00	13.74 0.24 0.00	10.99 0.09 0.00	12.98 -0.08 0.00	15.21 -0.14 0.00	16.88 -0.27 0.00	13.02 -0.23 0.00	20.30 -0.52 0.00	7.12 -0.28 0.00	8.93 -0.37 0.00	15.76 -0.50 0.00	18.34 -0.22 0.00	14.08 -0.08 0.00
CHAUTAUQUA__LFGE 323629	22.62 0.54 0.00	21.37 0.48 0.00	17.01 0.21 0.00	18.05 0.50 0.00	16.72 0.41 0.00	18.12 0.46 0.00	19.71 0.56 0.00	17.74 0.32 0.00	19.81 0.12 -0.04	15.61 0.14 -0.48	15.58 0.05 -0.02	12.23 0.00 -0.29	13.14 -0.36 0.00	10.96 -0.01 -0.06	13.16 0.09 0.00	15.43 0.08 0.00	17.32 0.18 0.00	14.74 0.16 -1.33	21.96 0.15 -0.99	9.12 0.13 -1.59	10.28 0.15 -0.82	16.47 0.22 0.00	18.94 0.38 0.00	14.41 0.25 0.00
CHERRYST_13_KV_LD 356241	23.16 1.08 0.00	21.86 0.97 0.00	17.66 0.86 0.00	18.29 0.74 0.00	17.02 0.71 0.00	18.43 0.76 0.00	19.96 0.80 0.00	18.34 0.93 0.00	21.05 0.95 -0.45	21.28 0.83 -5.45	16.73 0.95 -0.26	16.03 0.77 -3.33	14.14 0.64 0.00	12.23 0.73 -0.60	13.99 0.93 0.00	16.43 1.08 0.00	18.41 1.27 0.00	30.58 0.91 -16.41	34.36 1.34 -12.21	27.60 0.48 -19.72	20.09 0.63 -10.16	17.27 1.01 0.00	19.54 0.98 0.00	14.93 0.77 0.00
CHESTROR_138KV_BK263 355645	22.74 0.65 0.00	21.49 0.59 0.00	17.33 0.53 0.00	18.00 0.46 0.00	16.75 0.44 0.00	18.14 0.48 0.00	19.66 0.50 0.00	18.00 0.59 0.00	20.61 0.56 -0.40	20.31 0.51 -4.80	16.32 0.57 -0.23	15.33 0.46 -2.93	13.78 0.28 0.00	11.86 0.43 -0.53	13.63 0.57 0.00	16.03 0.67 0.00	17.97 0.82 0.00	28.33 0.62 -14.46	32.52 0.94 -10.75	25.10 0.33 -17.37	18.67 0.42 -8.95	16.92 0.67 0.00	19.19 0.63 0.00	14.65 0.49 0.00
CH_MIDHUDSON__DRP 24192	22.89 0.81 0.00	21.66 0.76 0.00	17.49 0.69 0.00	18.17 0.63 0.00	16.91 0.60 0.00	18.31 0.65 0.00	19.84 0.69 0.00	18.18 0.76 0.00	20.87 0.76 -0.47	21.28 0.67 -5.61	16.53 0.75 -0.27	15.96 0.60 -3.43	13.93 0.43 0.00	12.06 0.55 -0.62	13.76 0.70 0.00	16.18 0.83 0.00	18.14 0.99 0.00	30.90 0.74 -16.91	34.54 1.15 -12.57	28.11 0.40 -20.31	20.28 0.51 -10.46	17.07 0.82 0.00	19.34 0.78 0.00	14.78 0.62 0.00

CH_MISC_IPPS 23765	23.02 0.94 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.24 0.70 0.00	16.97 0.66 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.25 0.84 0.00	20.95 0.86 -0.45	21.19 0.74 -5.45	16.59 0.82 -0.26	15.92 0.66 -3.33	14.00 0.50 0.00	12.09 0.59 -0.60	13.83 0.77 0.00	16.27 0.91 0.00	18.25 1.10 0.00	30.50 0.83 -16.42	34.32 1.28 -12.21	27.58 0.45 -19.72	20.03 0.57 -10.16	17.17 0.92 0.00	19.45 0.89 0.00	14.85 0.69 0.00
CH_RES_BVR_FALLS 23983	21.96 -0.12 0.00	20.77 -0.12 0.00	16.70 -0.10 0.00	17.44 -0.10 0.00	16.21 -0.09 0.00	17.56 -0.10 0.00	19.05 -0.11 0.00	17.27 -0.14 0.00	19.41 -0.23 0.00	14.86 -0.14 0.00	15.37 -0.14 0.00	11.84 -0.10 0.00	13.25 -0.25 0.00	10.80 -0.10 0.00	12.96 -0.10 0.00	15.23 -0.13 0.00	16.95 -0.19 0.00	13.08 -0.17 0.00	20.53 -0.29 0.00	7.29 -0.11 0.00	9.17 -0.13 0.00	16.08 -0.17 0.00	18.42 -0.15 0.00	14.04 -0.12 0.00
CH_RES_NIAGARA 23895	21.92 -0.16 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.66 0.00 0.00	19.21 0.05 0.00	17.24 -0.17 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.04 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.63 -0.44 0.00	14.82 -0.54 0.00	16.57 -0.57 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00
CH_RES_SYRACUSE 23985	22.23 0.15 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.60 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.69 0.27 -0.60	8.47 0.11 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
CLINTON_WT_PWR 323605	22.66 0.58 0.00	21.38 0.48 0.00	17.20 0.40 0.00	17.97 0.43 0.00	16.70 0.39 0.00	18.07 0.40 0.00	19.60 0.44 0.00	17.77 0.36 0.00	20.06 0.41 0.00	15.29 0.29 0.00	15.71 0.20 0.00	12.14 0.21 0.00	13.72 0.22 0.00	10.98 0.08 0.00	12.97 -0.09 0.00	15.19 -0.16 0.00	16.86 -0.28 0.00	13.01 -0.25 0.00	20.28 -0.54 0.00	7.10 -0.30 0.00	8.90 -0.40 0.00	15.71 -0.54 0.00	18.29 -0.27 0.00	14.05 -0.11 0.00
CLINTON__LFGE 323618	22.92 0.84 0.00	21.61 0.71 0.00	17.39 0.59 0.00	18.16 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.65 0.00	17.98 0.57 0.00	20.30 0.66 0.00	15.47 0.48 0.00	15.87 0.36 0.00	12.26 0.33 0.00	13.84 0.34 0.00	11.08 0.19 0.00	13.10 0.03 0.00	15.32 -0.03 0.00	17.04 -0.10 0.00	13.17 -0.08 0.00	20.53 -0.29 0.00	7.20 -0.20 0.00	9.02 -0.28 0.00	15.89 -0.36 0.00	18.48 -0.08 0.00	14.20 0.04 0.00
COBBLENY_34_KV_TB1 80064	22.35 0.27 0.00	21.14 0.25 0.00	16.86 0.05 0.00	17.85 0.31 0.00	16.54 0.23 0.00	17.90 0.23 0.00	19.48 0.32 0.00	17.52 0.10 0.00	19.56 -0.12 -0.04	15.40 -0.07 -0.47	15.38 -0.15 -0.02	12.05 -0.17 -0.29	12.96 -0.54 0.00	10.79 -0.17 -0.06	12.96 -0.10 0.00	15.22 -0.14 0.00	17.07 -0.08 0.00	14.51 -0.05 -1.31	21.67 -0.13 -0.98	9.01 0.03 -1.58	10.15 0.04 -0.81	16.28 0.03 0.00	18.70 0.14 0.00	14.24 0.08 0.00
COFFEEN__115KV_TB3 355620	22.66 0.58 0.00	21.45 0.56 0.00	17.20 0.39 0.00	17.93 0.39 0.00	16.67 0.36 0.00	17.96 0.30 0.00	19.54 0.38 0.00	17.78 0.36 0.00	19.84 0.18 -0.02	15.22 0.05 -0.17	15.34 -0.18 -0.01	11.71 -0.33 -0.10	12.75 -0.75 0.00	10.62 -0.31 -0.03	12.80 -0.27 0.00	15.05 -0.30 0.00	16.91 -0.23 0.00	13.74 0.06 -0.43	21.63 0.49 -0.32	8.11 0.19 -0.52	9.68 0.11 -0.27	16.23 -0.02 0.00	18.59 0.03 0.00	14.18 0.02 0.00
COLDSPRG_115KV_BK1 355956	23.05 0.97 0.00	21.74 0.85 0.00	17.31 0.51 0.00	18.33 0.78 0.00	16.98 0.67 0.00	18.39 0.73 0.00	20.03 0.88 0.00	18.08 0.67 0.00	20.26 0.57 -0.04	15.97 0.48 -0.50	15.93 0.39 -0.02	12.45 0.21 -0.30	13.37 -0.13 0.00	11.15 0.19 -0.06	13.38 0.31 0.00	15.70 0.34 0.00	17.62 0.47 0.00	14.98 0.34 -1.39	22.28 0.43 -1.03	9.29 0.23 -1.67	10.44 0.28 -0.86	16.73 0.48 0.00	19.26 0.70 0.00	14.65 0.49 0.00
COLONIE_LFGE__ 323577	22.64 0.56 0.00	21.43 0.54 0.00	17.28 0.48 0.00	17.99 0.45 0.00	16.75 0.43 0.00	18.15 0.48 0.00	19.67 0.52 0.00	17.96 0.55 0.00	20.72 0.50 -0.58	22.47 0.45 -7.02	16.26 0.41 -0.34	16.55 0.33 -4.28	13.61 0.11 0.00	11.95 0.27 -0.77	13.42 0.36 0.00	15.79 0.44 0.00	17.73 0.58 0.00	34.90 0.49 -21.15	37.35 0.80 -15.73	33.10 0.28 -25.41	22.75 0.35 -13.09	16.81 0.56 0.00	19.07 0.51 0.00	14.58 0.42 0.00
COOPERNY_115KV_TB1 80082	22.54 0.46 0.00	21.30 0.41 0.00	17.16 0.36 0.00	17.86 0.31 0.00	16.61 0.30 0.00	17.99 0.32 0.00	19.51 0.35 0.00	17.81 0.40 0.00	20.25 0.35 -0.27	18.52 0.35 -3.19	16.05 0.38 -0.15	14.19 0.31 -1.94	13.60 0.10 0.00	11.53 0.28 -0.35	13.46 0.40 0.00	15.82 0.47 0.00	17.73 0.58 0.00	23.26 0.44 -9.57	28.60 0.66 -7.12	19.13 0.23 -11.50	15.53 0.30 -5.93	16.72 0.47 0.00	19.00 0.44 0.00	14.50 0.34 0.00
COPENHAGEN_WT_PWR 323753	22.42 0.34 0.00	21.26 0.37 0.00	17.05 0.25 0.00	17.77 0.23 0.00	16.52 0.21 0.00	17.77 0.10 0.00	19.31 0.15 0.00	17.57 0.16 0.00	19.62 -0.04 -0.02	15.11 -0.06 -0.18	15.28 -0.24 -0.01	11.66 -0.39 -0.11	12.69 -0.81 0.00	10.58 -0.34 -0.03	12.75 -0.31 0.00	14.99 -0.36 0.00	16.82 -0.32 0.00	13.66 -0.04 -0.45	21.38 0.23 -0.33	7.99 0.05 -0.54	9.51 -0.07 -0.28	15.90 -0.35 0.00	18.25 -0.31 0.00	13.95 -0.21 0.00
CORNELL____ 23752	22.55 0.47 0.00	21.30 0.41 0.00	17.06 0.25 0.00	17.86 0.32 0.00	16.59 0.28 0.00	17.97 0.31 0.00	19.54 0.38 0.00	17.73 0.31 0.00	19.78 0.09 -0.05	15.71 0.09 -0.63	15.51 -0.04 -0.03	12.26 -0.06 -0.38	13.02 -0.48 0.00	10.95 -0.03 -0.08	13.13 0.06 0.00	15.45 0.09 0.00	17.37 0.22 0.00	15.32 0.28 -1.79	22.70 0.56 -1.33	9.78 0.23 -2.15	10.68 0.27 -1.11	16.68 0.43 0.00	19.02 0.46 0.00	14.47 0.31 0.00
CORONAAV_69_KV_TB1 355595	23.45 1.37 0.00	22.10 1.21 0.00	17.83 1.03 0.00	18.50 0.96 0.00	17.20 0.89 0.00	18.64 0.97 0.00	20.16 1.01 0.00	18.53 1.12 0.00	21.31 1.21 -0.45	25.26 1.01 -9.25	48.75 1.16 -32.08	63.35 0.92 -50.48	46.57 0.80 -32.27	45.02 0.87 -33.24	50.50 1.09 -36.35	64.57 1.26 -47.96	84.24 1.48 -65.62	163.37 1.07 -149.05	425.97 1.61 -403.54	157.71 0.59 -149.71	168.95 0.77 -158.88	122.58 1.27 -105.05	40.77 1.24 -20.97	37.15 0.99 -21.99
CORTLAND_115KV_TB3 80093	22.37 0.29 0.00	21.12 0.22 0.00	16.93 0.13 0.00	17.73 0.18 0.00	16.47 0.16 0.00	17.83 0.17 0.00	19.38 0.22 0.00	17.57 0.16 0.00	19.61 -0.08 -0.05	15.51 0.01 -0.51	15.45 -0.08 -0.02	12.16 -0.09 -0.31	12.98 -0.52 0.00	10.90 -0.06 -0.06	13.10 0.04 0.00	15.40 0.05 0.00	17.28 0.14 0.00	14.86 0.17 -1.44	22.22 0.33 -1.07	9.27 0.15 -1.72	10.36 0.17 -0.89	16.50 0.24 0.00	18.81 0.25 0.00	14.34 0.17 0.00

COXSACKIE___GT 23611	23.13 1.05 0.00	21.89 1.00 0.00	17.60 0.80 0.00	18.35 0.80 0.00	17.10 0.79 0.00	18.52 0.86 0.00	20.11 0.95 0.00	18.37 0.95 0.00	21.17 0.99 -0.54	22.27 0.73 -6.55	16.40 0.57 -0.32	16.31 0.37 -4.00	13.74 0.24 0.00	11.91 0.29 -0.72	13.46 0.40 0.00	15.86 0.51 0.00	17.87 0.73 0.00	33.66 0.67 -19.73	36.83 1.33 -14.68	31.65 0.54 -23.71	22.17 0.65 -12.22	17.33 1.08 0.00	19.59 1.03 0.00	14.95 0.79 0.00
CPV_VALLEY___CC1 323721	22.59 0.51 0.00	21.35 0.46 0.00	17.22 0.42 0.00	17.89 0.35 0.00	16.64 0.33 0.00	18.02 0.36 0.00	19.53 0.38 0.00	17.87 0.46 0.00	20.41 0.42 -0.35	19.63 0.41 -4.23	16.18 0.46 -0.20	14.90 0.38 -2.58	13.69 0.19 0.00	11.72 0.35 -0.47	13.54 0.48 0.00	15.92 0.56 0.00	17.84 0.70 0.00	26.49 0.51 -12.73	31.05 0.77 -9.47	22.96 0.27 -15.29	17.53 0.35 -7.88	16.79 0.54 0.00	19.05 0.49 0.00	14.54 0.38 0.00
CPV_VALLEY___CC2 323722	22.59 0.51 0.00	21.35 0.46 0.00	17.22 0.42 0.00	17.89 0.35 0.00	16.64 0.33 0.00	18.02 0.36 0.00	19.53 0.38 0.00	17.87 0.46 0.00	20.41 0.42 -0.35	19.63 0.41 -4.23	16.18 0.46 -0.20	14.90 0.38 -2.58	13.69 0.19 0.00	11.72 0.35 -0.47	13.54 0.48 0.00	15.92 0.56 0.00	17.84 0.70 0.00	26.49 0.51 -12.73	31.05 0.77 -9.47	22.96 0.27 -15.29	17.53 0.35 -7.88	16.79 0.54 0.00	19.05 0.49 0.00	14.54 0.38 0.00
CRESCENT___HYD 24018	22.64 0.56 0.00	21.43 0.54 0.00	17.28 0.48 0.00	17.99 0.45 0.00	16.75 0.43 0.00	18.15 0.48 0.00	19.67 0.52 0.00	17.96 0.55 0.00	20.72 0.50 -0.58	22.47 0.45 -7.02	16.26 0.41 -0.34	16.55 0.33 -4.28	13.61 0.11 0.00	11.95 0.27 -0.77	13.42 0.36 0.00	15.79 0.44 0.00	17.73 0.58 0.00	34.90 0.49 -21.15	37.35 0.80 -15.73	33.10 0.28 -25.41	22.75 0.35 -13.09	16.81 0.56 0.00	19.07 0.51 0.00	14.58 0.42 0.00
CRICKET___VALLEY_CC1 323756	22.60 0.52 0.00	21.40 0.51 0.00	17.32 0.52 0.00	17.99 0.44 0.00	16.74 0.43 0.00	18.13 0.47 0.00	19.66 0.50 0.00	17.99 0.57 0.00	20.68 0.54 -0.49	21.38 0.50 -5.89	16.36 0.56 -0.28	15.99 0.46 -3.60	13.78 0.28 0.00	11.97 0.42 -0.65	13.60 0.54 0.00	15.99 0.64 0.00	17.89 0.74 0.00	31.53 0.53 -17.75	34.86 0.84 -13.20	29.00 0.28 -21.32	20.65 0.36 -10.98	16.82 0.57 0.00	19.05 0.49 0.00	14.61 0.45 0.00
CRICKET___VALLEY_CC2 323757	22.60 0.52 0.00	21.40 0.51 0.00	17.32 0.52 0.00	17.99 0.44 0.00	16.74 0.43 0.00	18.13 0.47 0.00	19.66 0.50 0.00	17.99 0.57 0.00	20.68 0.54 -0.49	21.38 0.50 -5.89	16.36 0.56 -0.28	15.99 0.46 -3.60	13.78 0.28 0.00	11.97 0.42 -0.65	13.60 0.54 0.00	15.99 0.64 0.00	17.89 0.74 0.00	31.53 0.53 -17.75	34.86 0.84 -13.20	29.00 0.28 -21.32	20.65 0.36 -10.98	16.82 0.57 0.00	19.05 0.49 0.00	14.61 0.45 0.00
CRICKET___VALLEY_CC3 323758	22.60 0.52 0.00	21.40 0.51 0.00	17.32 0.52 0.00	17.99 0.44 0.00	16.74 0.43 0.00	18.13 0.47 0.00	19.66 0.50 0.00	17.99 0.57 0.00	20.68 0.54 -0.49	21.38 0.50 -5.89	16.36 0.56 -0.28	15.99 0.46 -3.60	13.78 0.28 0.00	11.97 0.42 -0.65	13.60 0.54 0.00	15.99 0.64 0.00	17.89 0.74 0.00	31.53 0.53 -17.75	34.86 0.84 -13.20	29.00 0.28 -21.32	20.65 0.36 -10.98	16.82 0.57 0.00	19.05 0.49 0.00	14.61 0.45 0.00
CRUCIBLE_METL_DRP 24180	22.24 0.16 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.59 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.68 0.27 -0.60	8.47 0.10 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
DAHOWA___HYDRO 323763	23.10 1.02 0.00	21.84 0.95 0.00	17.62 0.82 0.00	18.36 0.82 0.00	17.08 0.77 0.00	18.52 0.86 0.00	20.11 0.96 0.00	18.37 0.96 0.00	21.23 0.99 -0.59	22.89 0.81 -7.08	16.56 0.70 -0.34	16.81 0.55 -4.32	13.82 0.32 0.00	12.10 0.42 -0.78	13.59 0.52 0.00	16.00 0.65 0.00	18.00 0.86 0.00	35.36 0.76 -21.34	37.91 1.22 -15.87	33.48 0.44 -25.64	23.07 0.56 -13.21	17.18 0.92 0.00	19.51 0.94 0.00	14.88 0.72 0.00
DANC___LFGE 323619	22.34 0.26 0.00	21.16 0.26 0.00	16.97 0.17 0.00	17.71 0.17 0.00	16.46 0.16 0.00	17.75 0.09 0.00	19.29 0.14 0.00	17.53 0.12 0.00	19.55 -0.12 -0.02	15.10 -0.10 -0.21	15.28 -0.24 -0.01	11.74 -0.32 -0.13	12.73 -0.77 0.00	10.65 -0.28 -0.03	12.83 -0.23 0.00	15.07 -0.28 0.00	16.90 -0.24 0.00	13.76 -0.02 -0.53	21.40 0.19 -0.39	8.10 0.06 -0.64	9.62 -0.01 -0.33	16.08 -0.18 0.00	18.43 -0.13 0.00	14.06 -0.10 0.00
DANSKAMMER___1 23586	23.02 0.94 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.24 0.70 0.00	16.97 0.66 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.25 0.84 0.00	20.95 0.86 -0.45	21.19 0.74 -5.45	16.59 0.82 -0.26	15.92 0.66 -3.33	14.00 0.50 0.00	12.09 0.59 -0.60	13.83 0.77 0.00	16.27 0.91 0.00	18.25 1.10 0.00	30.50 0.83 -16.42	34.32 1.28 -12.21	27.58 0.45 -19.72	20.03 0.57 -10.16	17.17 0.92 0.00	19.45 0.89 0.00	14.85 0.69 0.00
DANSKAMMER___2 23589	23.02 0.94 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.24 0.70 0.00	16.97 0.66 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.25 0.84 0.00	20.95 0.86 -0.45	21.19 0.74 -5.45	16.59 0.82 -0.26	15.92 0.66 -3.33	14.00 0.50 0.00	12.09 0.59 -0.60	13.83 0.77 0.00	16.27 0.91 0.00	18.25 1.10 0.00	30.50 0.83 -16.42	34.32 1.28 -12.21	27.58 0.45 -19.72	20.03 0.57 -10.16	17.17 0.92 0.00	19.45 0.89 0.00	14.85 0.69 0.00
DANSKAMMER___3 23590	23.02 0.94 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.24 0.70 0.00	16.97 0.66 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.25 0.84 0.00	20.95 0.86 -0.45	21.19 0.74 -5.45	16.59 0.82 -0.26	15.92 0.66 -3.33	14.00 0.50 0.00	12.09 0.59 -0.60	13.83 0.77 0.00	16.27 0.91 0.00	18.25 1.10 0.00	30.50 0.83 -16.42	34.32 1.28 -12.21	27.58 0.45 -19.72	20.03 0.57 -10.16	17.17 0.92 0.00	19.45 0.89 0.00	14.85 0.69 0.00
DANSKAMMER___4 23591	23.02 0.94 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.24 0.70 0.00	16.97 0.66 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.25 0.84 0.00	20.95 0.86 -0.45	21.19 0.74 -5.45	16.59 0.82 -0.26	15.92 0.66 -3.33	14.00 0.50 0.00	12.09 0.59 -0.60	13.83 0.77 0.00	16.27 0.91 0.00	18.25 1.10 0.00	30.50 0.83 -16.42	34.32 1.28 -12.21	27.58 0.45 -19.72	20.03 0.57 -10.16	17.17 0.92 0.00	19.45 0.89 0.00	14.85 0.69 0.00
DANSKAMMER___DIESEL 23592	23.01 0.93 0.00	21.76 0.87 0.00	17.56 0.76 0.00	18.24 0.70 0.00	16.97 0.66 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.26 0.84 0.00	20.96 0.86 -0.45	21.19 0.74 -5.45	16.59 0.82 -0.26	15.92 0.66 -3.33	14.00 0.50 0.00	12.09 0.59 -0.60	13.83 0.77 0.00	16.27 0.91 0.00	18.24 1.10 0.00	30.51 0.83 -16.42	34.32 1.28 -12.21	27.57 0.45 -19.72	20.03 0.57 -10.16	17.17 0.92 0.00	19.45 0.89 0.00	14.85 0.69 0.00

DARBY___SOLAR 323810	23.03 0.95 0.00	21.78 0.89 0.00	17.57 0.77 0.00	18.30 0.76 0.00	17.03 0.72 0.00	18.47 0.80 0.00	20.05 0.89 0.00	18.30 0.88 0.00	21.14 0.91 -0.59	22.81 0.74 -7.08	16.50 0.65 -0.34	16.76 0.51 -4.32	13.78 0.27 0.00	12.06 0.38 -0.78	13.55 0.48 0.00	15.95 0.60 0.00	17.94 0.80 0.00	35.28 0.71 -21.32	37.82 1.15 -15.86	33.42 0.41 -25.61	23.02 0.52 -13.20	17.11 0.86 0.00	19.43 0.87 0.00	14.83 0.67 0.00
DASHVILLE___HYD 23610	22.84 0.76 0.00	21.61 0.71 0.00	17.46 0.66 0.00	18.14 0.59 0.00	16.87 0.56 0.00	18.27 0.60 0.00	19.79 0.63 0.00	18.13 0.72 0.00	20.82 0.70 -0.47	21.21 0.59 -5.63	16.50 0.72 -0.27	15.93 0.56 -3.43	13.92 0.42 0.00	12.05 0.52 -0.62	13.75 0.69 0.00	16.16 0.81 0.00	18.12 0.97 0.00	30.89 0.68 -16.95	34.50 1.07 -12.61	28.14 0.37 -20.36	20.28 0.49 -10.49	17.05 0.80 0.00	19.32 0.75 0.00	14.75 0.59 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.33 2.25 0.00	22.89 2.00 0.00	18.50 1.70 0.00	19.20 1.66 0.00	17.85 1.54 0.00	19.32 1.66 0.00	20.90 1.74 0.00	19.27 1.86 0.00	22.17 2.07 -0.45	22.40 1.72 -5.69	19.67 1.97 -2.19	19.59 1.53 -6.13	16.94 1.42 -2.02	14.91 1.36 -2.64	17.03 1.69 -2.27	20.39 2.00 -3.03	27.38 2.30 -7.93	49.12 1.69 -34.18	67.03 2.60 -43.61	51.06 0.97 -42.69	84.26 1.23 -73.72	25.83 2.06 -7.53	32.11 2.10 -11.45	25.82 1.59 -10.07
DELAWARE___LFGE 323621	22.50 0.42 0.00	21.25 0.36 0.00	17.08 0.28 0.00	17.83 0.28 0.00	16.57 0.26 0.00	17.95 0.28 0.00	19.48 0.32 0.00	17.73 0.32 0.00	19.96 0.20 -0.11	16.57 0.26 -1.31	15.81 0.25 -0.05	12.92 0.18 -0.80	13.34 0.16 0.00	11.21 0.16 -0.15	13.34 0.27 0.00	15.68 0.33 0.00	17.57 0.43 0.00	17.51 0.36 -3.90	24.27 0.56 -2.90	12.28 0.20 -4.68	11.96 0.25 -2.41	16.65 0.39 0.00	18.95 0.39 0.00	14.45 0.29 0.00
DERFIELD_115KV_TB7 355931	22.06 -0.02 0.00	20.87 -0.02 0.00	16.78 -0.02 0.00	17.53 -0.02 0.00	16.29 -0.02 0.00	17.65 -0.02 0.00	19.14 -0.02 0.00	17.34 -0.08 0.00	19.43 -0.21 0.00	14.96 -0.03 0.00	15.46 -0.05 0.00	11.88 -0.05 0.00	12.97 -0.53 0.00	10.82 -0.09 -0.01	13.04 -0.02 0.00	15.34 -0.02 0.00	17.15 0.00 0.00	13.27 0.01 0.00	20.86 0.04 0.00	7.41 0.01 0.00	9.31 0.01 0.00	16.25 0.00 0.00	18.54 -0.02 0.00	14.14 -0.01 0.00
DOGLEVILLE___HYD 23807	21.73 -0.35 0.00	20.58 -0.31 0.00	16.66 -0.14 0.00	17.40 -0.14 0.00	16.19 -0.12 0.00	17.49 -0.17 0.00	18.94 -0.22 0.00	17.18 -0.23 0.00	19.31 -0.34 0.00	14.82 -0.17 0.00	15.24 -0.27 0.00	11.66 -0.28 0.00	12.58 -0.93 0.00	10.53 -0.38 -0.01	12.74 -0.33 0.00	14.98 -0.37 0.00	16.93 -0.21 0.00	13.22 -0.04 0.00	20.89 0.07 0.00	7.44 0.04 0.00	9.29 -0.01 0.00	16.25 -0.01 0.00	18.37 -0.19 0.00	14.03 -0.13 0.00
DUNKIRK___115KV_TB_200 55889	22.61 0.53 0.00	21.33 0.44 0.00	16.98 0.18 0.00	18.02 0.47 0.00	16.69 0.38 0.00	18.07 0.41 0.00	19.68 0.52 0.00	17.70 0.28 0.00	19.76 0.08 -0.04	15.58 0.11 -0.48	15.55 0.01 -0.02	12.20 -0.03 -0.29	13.12 -0.38 0.00	10.93 -0.03 -0.06	13.13 0.06 0.00	15.41 0.06 0.00	17.29 0.15 0.00	14.71 0.13 -1.33	21.91 0.10 -0.98	9.10 0.11 -1.59	10.26 0.14 -0.82	16.44 0.19 0.00	18.90 0.34 0.00	14.39 0.23 0.00
DUNKIRK___1 23563	22.61 0.53 0.00	21.33 0.44 0.00	16.98 0.18 0.00	18.02 0.47 0.00	16.69 0.38 0.00	18.07 0.41 0.00	19.68 0.52 0.00	17.70 0.28 0.00	19.76 0.08 -0.04	15.58 0.11 -0.48	15.55 0.01 -0.02	12.20 -0.03 -0.29	13.12 -0.38 0.00	10.93 -0.03 -0.06	13.13 0.06 0.00	15.41 0.06 0.00	17.29 0.15 0.00	14.71 0.13 -1.33	21.91 0.10 -0.98	9.10 0.11 -1.59	10.26 0.14 -0.82	16.44 0.19 0.00	18.90 0.34 0.00	14.39 0.23 0.00
DUNKIRK___2 23564	22.61 0.53 0.00	21.33 0.44 0.00	16.98 0.18 0.00	18.02 0.47 0.00	16.69 0.38 0.00	18.07 0.41 0.00	19.68 0.52 0.00	17.70 0.28 0.00	19.76 0.08 -0.04	15.58 0.11 -0.48	15.55 0.01 -0.02	12.20 -0.03 -0.29	13.12 -0.38 0.00	10.93 -0.03 -0.06	13.13 0.06 0.00	15.41 0.06 0.00	17.29 0.15 0.00	14.71 0.13 -1.33	21.91 0.10 -0.98	9.10 0.11 -1.59	10.26 0.14 -0.82	16.44 0.19 0.00	18.90 0.34 0.00	14.39 0.23 0.00
DUNKIRK___3 23565	22.52 0.44 0.00	21.24 0.35 0.00	16.91 0.11 0.00	17.94 0.39 0.00	16.62 0.31 0.00	17.99 0.32 0.00	19.58 0.42 0.00	17.62 0.20 0.00	19.68 -0.01 -0.04	15.52 0.05 -0.48	15.48 -0.05 -0.02	12.14 -0.09 -0.29	13.05 -0.45 0.00	10.89 -0.07 -0.06	13.07 0.01 0.00	15.34 -0.01 0.00	17.22 0.07 0.00	14.64 0.06 -1.33	21.79 -0.02 -0.98	9.06 0.07 -1.59	10.20 0.08 -0.82	16.35 0.09 0.00	18.81 0.25 0.00	14.32 0.16 0.00
DUNKIRK___4 23566	22.55 0.47 0.00	21.30 0.41 0.00	16.96 0.16 0.00	17.98 0.44 0.00	16.66 0.35 0.00	18.04 0.37 0.00	19.64 0.48 0.00	17.66 0.25 0.00	19.72 0.04 -0.04	15.54 0.07 -0.47	15.51 -0.02 -0.02	12.15 -0.07 -0.29	13.08 -0.42 0.00	10.90 -0.06 -0.06	13.08 0.02 0.00	15.36 0.01 0.00	17.23 0.09 0.00	14.62 0.07 -1.29	21.82 0.04 -0.96	9.05 0.09 -1.56	10.21 0.11 -0.80	16.40 0.14 0.00	18.86 0.29 0.00	14.36 0.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.01 0.93 0.00	21.73 0.84 0.00	17.56 0.76 0.00	18.20 0.66 0.00	16.93 0.62 0.00	18.34 0.67 0.00	19.87 0.71 0.00	18.23 0.82 0.00	20.94 0.84 -0.45	21.19 0.75 -5.45	16.62 0.85 -0.26	15.94 0.69 -3.33	14.03 0.53 0.00	12.13 0.63 -0.60	13.87 0.81 0.00	16.29 0.94 0.00	18.27 1.12 0.00	30.49 0.82 -16.41	34.25 1.23 -12.20	27.55 0.43 -19.71	20.02 0.56 -10.16	17.16 0.90 0.00	19.44 0.87 0.00	14.85 0.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.85 0.77 0.00	21.60 0.70 0.00	17.43 0.63 0.00	18.11 0.56 0.00	16.84 0.53 0.00	18.24 0.58 0.00	19.77 0.61 0.00	18.11 0.69 0.00	20.76 0.69 -0.43	20.78 0.61 -5.18	16.44 0.68 -0.25	15.64 0.54 -3.16	13.87 0.37 0.00	11.96 0.50 -0.57	13.71 0.65 0.00	16.12 0.77 0.00	18.09 0.94 0.00	29.55 0.70 -15.59	33.50 1.08 -11.60	26.52 0.38 -18.73	19.44 0.49 -9.65	17.04 0.78 0.00	19.31 0.75 0.00	14.74 0.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.06 0.98 0.00	21.76 0.87 0.00	17.64 0.84 0.00	18.22 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.88 0.72 0.00	18.28 0.87 0.00	20.94 0.85 -0.45	21.19 0.75 -5.45	16.62 0.85 -0.26	15.95 0.69 -3.33	14.05 0.54 0.00	12.15 0.65 -0.60	13.89 0.83 0.00	16.32 0.97 0.00	18.29 1.15 0.00	30.49 0.82 -16.41	34.26 1.23 -12.21	27.56 0.45 -19.72	20.06 0.59 -10.16	17.19 0.94 0.00	19.45 0.89 0.00	14.88 0.72 0.00
E179THST_13_KV_LOAD 356214	23.15 1.07 0.00	21.85 0.95 0.00	17.70 0.90 0.00	18.29 0.74 0.00	17.02 0.70 0.00	18.43 0.76 0.00	19.95 0.79 0.00	18.35 0.94 0.00	21.02 0.92 -0.45	21.26 0.81 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.11 0.61 0.00	12.20 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.38 1.23 0.00	30.56 0.89 -16.41	34.36 1.33 -12.21	27.60 0.48 -19.72	20.10 0.64 -10.16	17.27 1.02 0.00	19.54 0.98 0.00	14.94 0.78 0.00

EAST HAMPTON___GT 23717	24.62 2.54 0.00	23.17 2.27 0.00	18.72 1.92 0.00	19.44 1.89 0.00	18.06 1.75 0.00	19.54 1.88 0.00	21.16 2.00 0.00	19.51 2.09 0.00	22.44 2.34 -0.45	22.62 1.94 -5.69	19.91 2.21 -2.19	19.77 1.71 -6.13	17.13 1.60 -2.02	15.07 1.52 -2.64	17.22 1.88 -2.27	20.62 2.23 -3.03	27.66 2.58 -7.93	49.34 1.90 -34.18	67.38 2.94 -43.62	51.19 1.09 -42.69	84.40 1.38 -73.72	26.09 2.30 -7.53	32.38 2.36 -11.45	26.00 1.78 -10.07
EAST RIVER___6 23660	23.16 1.08 0.00	21.86 0.97 0.00	17.66 0.86 0.00	18.29 0.74 0.00	17.00 0.69 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.30 0.88 0.00	21.00 0.90 -0.45	21.24 0.80 -5.45	16.70 0.92 -0.26	16.02 0.76 -3.33	14.14 0.63 0.00	12.23 0.73 -0.60	13.99 0.92 0.00	16.42 1.07 0.00	18.39 1.25 0.00	30.56 0.89 -16.41	34.33 1.30 -12.21	27.58 0.47 -19.72	20.07 0.61 -10.16	17.24 0.99 0.00	19.52 0.95 0.00	14.92 0.76 0.00
EAST RIVER___7 23524	23.16 1.08 0.00	21.86 0.97 0.00	17.66 0.86 0.00	18.29 0.74 0.00	17.00 0.69 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.30 0.88 0.00	21.00 0.90 -0.45	21.24 0.80 -5.45	16.70 0.92 -0.26	16.02 0.76 -3.33	14.14 0.63 0.00	12.23 0.73 -0.60	13.99 0.92 0.00	16.42 1.07 0.00	18.39 1.25 0.00	30.56 0.89 -16.41	34.33 1.30 -12.21	27.58 0.47 -19.72	20.07 0.61 -10.16	17.24 0.99 0.00	19.52 0.95 0.00	14.92 0.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.96 0.88 0.00	21.69 0.80 0.00	17.51 0.72 0.00	18.17 0.62 0.00	16.90 0.59 0.00	18.31 0.65 0.00	19.83 0.68 0.00	18.20 0.78 0.00	20.89 0.80 -0.45	21.13 0.71 -5.43	16.58 0.80 -0.26	15.89 0.65 -3.31	13.99 0.49 0.00	12.10 0.60 -0.60	13.84 0.77 0.00	16.25 0.90 0.00	18.22 1.08 0.00	30.39 0.79 -16.35	34.17 1.18 -12.16	27.46 0.42 -19.64	19.96 0.54 -10.12	17.12 0.86 0.00	19.39 0.83 0.00	14.81 0.65 0.00
EAST_HAMPTON___DIESEL 23722	24.63 2.54 0.00	23.17 2.27 0.00	18.72 1.92 0.00	19.44 1.89 0.00	18.06 1.75 0.00	19.54 1.88 0.00	21.16 2.00 0.00	19.51 2.09 0.00	22.44 2.34 -0.45	22.63 1.94 -5.69	19.91 2.21 -2.19	19.77 1.71 -6.13	17.13 1.61 -2.02	15.07 1.52 -2.64	17.22 1.88 -2.27	20.62 2.24 -3.03	27.66 2.58 -7.93	49.34 1.91 -34.18	67.38 2.94 -43.62	51.19 1.09 -42.69	84.40 1.38 -73.72	26.09 2.30 -7.53	32.38 2.36 -11.45	26.01 1.78 -10.07
EAST_PULASKI___ESR 323781	22.40 0.32 0.00	21.17 0.28 0.00	16.98 0.18 0.00	17.75 0.21 0.00	16.50 0.19 0.00	17.83 0.17 0.00	19.39 0.23 0.00	17.60 0.18 0.00	19.59 -0.08 -0.02	15.18 -0.05 -0.24	15.36 -0.16 -0.01	11.88 -0.20 -0.15	12.85 -0.65 0.00	10.78 -0.16 -0.03	12.97 -0.09 0.00	15.23 -0.12 0.00	17.09 -0.05 0.00	13.95 0.09 -0.62	21.57 0.30 -0.46	8.27 0.13 -0.74	9.79 0.10 -0.38	16.35 0.09 0.00	18.71 0.15 0.00	14.26 0.10 0.00
EAST_RIVER___1 323558	23.10 1.02 0.00	21.80 0.91 0.00	17.62 0.82 0.00	18.24 0.70 0.00	16.97 0.67 0.00	18.37 0.71 0.00	19.91 0.75 0.00	18.29 0.88 0.00	20.99 0.89 -0.45	21.23 0.79 -5.45	16.68 0.91 -0.26	16.00 0.74 -3.33	14.09 0.59 0.00	12.19 0.69 -0.60	13.95 0.88 0.00	16.38 1.03 0.00	18.36 1.21 0.00	30.53 0.87 -16.41	34.30 1.27 -12.21	27.57 0.46 -19.72	20.06 0.60 -10.16	17.22 0.96 0.00	19.49 0.93 0.00	14.89 0.73 0.00
EAST_RIVER___2 323559	23.16 1.08 0.00	21.86 0.97 0.00	17.66 0.86 0.00	18.29 0.74 0.00	17.00 0.69 0.00	18.39 0.73 0.00	19.92 0.76 0.00	18.30 0.88 0.00	21.00 0.90 -0.45	21.24 0.80 -5.45	16.70 0.92 -0.26	16.02 0.76 -3.33	14.14 0.63 0.00	12.23 0.73 -0.60	13.99 0.92 0.00	16.42 1.07 0.00	18.39 1.25 0.00	30.56 0.89 -16.41	34.33 1.30 -12.21	27.58 0.47 -19.72	20.07 0.61 -10.16	17.24 0.99 0.00	19.52 0.95 0.00	14.92 0.76 0.00
EAST___DELAWARE_HYD 23607	22.54 0.46 0.00	21.29 0.40 0.00	17.16 0.36 0.00	17.84 0.29 0.00	16.59 0.28 0.00	17.97 0.31 0.00	19.50 0.34 0.00	17.85 0.44 0.00	20.44 0.42 -0.37	19.87 0.39 -4.49	16.15 0.42 -0.22	14.96 0.28 -2.74	13.27 -0.23 0.00	11.39 -0.01 -0.50	13.10 0.04 0.00	15.44 0.08 0.00	17.33 0.18 0.00	26.94 0.15 -13.53	31.17 0.28 -10.06	23.77 0.11 -16.26	18.06 0.39 -8.38	16.88 0.62 0.00	19.14 0.57 0.00	14.59 0.42 0.00
EIGHT_POINT___WT_PWR 323820	22.49 0.40 0.00	21.33 0.44 0.00	17.07 0.27 0.00	18.03 0.49 0.00	16.72 0.41 0.00	18.11 0.45 0.00	19.63 0.47 0.00	17.67 0.25 0.00	19.56 -0.13 -0.05	15.50 -0.07 -0.57	15.42 -0.12 -0.03	12.16 -0.13 -0.35	12.99 -0.51 0.00	10.88 -0.09 -0.07	13.08 0.01 0.00	15.34 -0.01 0.00	17.26 0.11 0.00	14.99 0.12 -1.61	22.22 0.20 -1.20	9.47 0.13 -1.94	10.40 0.10 -1.00	16.46 0.20 0.00	18.97 0.40 0.00	14.50 0.34 0.00
ELBRIDGE_115KV_TB2 80188	22.04 -0.03 0.00	20.87 -0.02 0.00	16.72 -0.08 0.00	17.50 -0.05 0.00	16.26 -0.05 0.00	17.60 -0.06 0.00	19.12 -0.04 0.00	17.33 -0.08 0.00	19.26 -0.41 -0.03	15.09 -0.24 -0.33	15.23 -0.30 -0.02	11.90 -0.24 -0.20	12.80 -0.70 0.00	10.77 -0.17 -0.04	12.96 -0.11 0.00	15.25 -0.10 0.00	17.09 -0.06 0.00	14.14 0.02 -0.86	21.54 0.08 -0.64	8.47 0.03 -1.04	9.88 0.04 -0.53	16.29 0.03 0.00	18.59 0.02 0.00	14.14 -0.02 0.00
ELEC_TRO_TEK 24086	23.31 1.23 0.00	21.97 1.08 0.00	17.74 0.93 0.00	18.41 0.86 0.00	17.11 0.80 0.00	18.53 0.87 0.00	20.06 0.90 0.00	18.44 1.02 0.00	21.20 1.10 -0.45	23.33 0.94 -7.40	33.14 1.09 -16.53	40.22 0.88 -27.40	30.81 0.74 -16.57	29.08 0.82 -17.36	32.74 1.03 -18.65	41.18 1.19 -24.64	55.83 1.37 -37.31	107.72 0.98 -93.49	241.92 1.47 -219.63	108.49 0.54 -100.55	148.10 0.71 -138.09	72.28 1.17 -54.86	40.16 1.14 -20.45	34.71 0.91 -19.64
ELLENBURG_WT_PWR 323604	22.66 0.58 0.00	21.38 0.48 0.00	17.20 0.40 0.00	17.97 0.43 0.00	16.70 0.39 0.00	18.07 0.40 0.00	19.60 0.44 0.00	17.77 0.36 0.00	20.06 0.41 0.00	15.29 0.29 0.00	15.71 0.20 0.00	12.14 0.21 0.00	13.72 0.22 0.00	10.98 0.08 0.00	12.97 -0.09 0.00	15.19 -0.16 0.00	16.86 -0.28 0.00	13.01 -0.25 0.00	20.28 -0.54 0.00	7.10 -0.30 0.00	8.90 -0.40 0.00	15.71 -0.54 0.00	18.29 -0.27 0.00	14.05 -0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.30 0.22 0.00	21.12 0.22 0.00	16.84 0.04 0.00	17.84 0.30 0.00	16.52 0.21 0.00	17.88 0.21 0.00	19.46 0.31 0.00	17.49 0.07 0.00	19.52 -0.16 -0.04	15.35 -0.09 -0.45	15.35 -0.18 -0.02	12.01 -0.20 -0.27	12.94 -0.56 0.00	10.76 -0.20 -0.06	12.91 -0.15 0.00	15.17 -0.18 0.00	17.00 -0.15 0.00	14.40 -0.10 -1.25	21.55 -0.20 -0.93	8.90 0.00 -1.50	10.08 0.00 -0.77	16.21 -0.04 0.00	18.65 0.09 0.00	14.21 0.05 0.00
EMPIRE_CC_1 323656	22.33 0.25 0.00	21.16 0.27 0.00	17.03 0.23 0.00	17.72 0.17 0.00	16.50 0.19 0.00	17.88 0.21 0.00	19.35 0.19 0.00	17.68 0.27 0.00	20.37 0.16 -0.56	21.96 0.20 -6.76	16.03 0.19 -0.33	16.23 0.17 -4.13	13.46 -0.04 0.00	11.80 0.15 -0.74	13.27 0.21 0.00	15.60 0.25 0.00	17.47 0.33 0.00	33.90 0.27 -20.37	36.41 0.44 -15.15	32.02 0.15 -24.47	22.10 0.19 -12.61	16.55 0.29 0.00	18.76 0.20 0.00	14.39 0.23 0.00

EMPIRE_CC_2 323658	22.33 0.25 0.00	21.16 0.27 0.00	17.03 0.23 0.00	17.72 0.17 0.00	16.50 0.19 0.00	17.88 0.21 0.00	19.35 0.19 0.00	17.68 0.27 0.00	20.37 0.16 -0.56	21.96 0.20 -6.76	16.03 0.19 -0.33	16.23 0.17 -4.13	13.46 -0.04 0.00	11.80 0.15 -0.74	13.27 0.21 0.00	15.60 0.25 0.00	17.47 0.33 0.00	33.90 0.27 -20.37	36.41 0.44 -15.15	32.02 0.15 -24.47	22.10 0.19 -12.61	16.55 0.29 0.00	18.76 0.20 0.00	14.39 0.23 0.00
ENORWICH_115KV_TB1 80156	23.30 1.22 0.00	22.01 1.12 0.00	17.58 0.78 0.00	18.39 0.84 0.00	17.04 0.73 0.00	18.43 0.76 0.00	20.09 0.93 0.00	18.29 0.87 0.00	20.45 0.73 -0.08	16.48 0.60 -0.89	15.94 0.39 -0.04	12.64 0.16 -0.54	13.24 -0.27 0.00	11.13 0.12 -0.10	13.31 0.25 0.00	15.72 0.37 0.00	17.78 0.64 0.00	16.54 0.69 -2.60	24.08 1.33 -1.93	11.05 0.53 -3.12	11.55 0.64 -1.61	17.34 1.09 0.00	19.74 1.18 0.00	15.00 0.84 0.00
ERIE_ST__34_KV_TB1-2 80199	22.45 0.36 0.00	21.22 0.33 0.00	16.91 0.11 0.00	17.91 0.37 0.00	16.59 0.28 0.00	17.96 0.29 0.00	19.56 0.40 0.00	17.60 0.18 0.00	19.67 -0.02 -0.04	15.46 0.01 -0.46	15.48 -0.06 -0.02	12.10 -0.12 -0.28	13.03 -0.47 0.00	10.85 -0.11 -0.06	13.02 -0.04 0.00	15.30 -0.05 0.00	17.16 0.02 0.00	14.53 0.00 -1.28	21.71 -0.06 -0.96	8.99 0.05 -1.54	10.16 0.07 -0.79	16.34 0.09 0.00	18.79 0.23 0.00	14.30 0.14 0.00
ERIE_WT_PWR 323693	22.39 0.30 0.00	21.21 0.32 0.00	16.91 0.10 0.00	17.91 0.37 0.00	16.59 0.28 0.00	17.97 0.31 0.00	19.55 0.39 0.00	17.58 0.16 0.00	19.62 -0.07 -0.04	15.43 -0.03 -0.46	15.43 -0.10 -0.02	12.08 -0.14 -0.28	13.00 -0.50 0.00	10.81 -0.14 -0.06	12.99 -0.07 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.49 -0.03 -1.27	21.68 -0.09 -0.94	8.97 0.04 -1.53	10.14 0.06 -0.79	16.30 0.05 0.00	18.75 0.19 0.00	14.28 0.12 0.00
ESPRGFLD_115KV_TB1 80157	23.85 1.77 0.00	22.68 1.79 0.00	18.13 1.34 0.00	18.97 1.42 0.00	17.65 1.34 0.00	19.08 1.41 0.00	20.69 1.54 0.00	18.61 1.20 0.00	20.62 1.21 0.24	13.13 1.03 2.89	16.37 0.96 0.10	10.83 0.66 1.77	14.07 0.57 0.00	11.16 0.58 0.31	13.79 0.73 0.00	16.19 0.83 0.00	18.02 0.87 0.00	5.24 0.71 8.73	15.71 1.38 6.49	-2.61 0.48 10.49	4.49 0.60 5.40	17.37 1.12 0.00	19.97 1.41 0.00	15.16 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.51 0.43 0.00	21.27 0.38 0.00	17.03 0.23 0.00	17.83 0.29 0.00	16.57 0.26 0.00	17.94 0.28 0.00	19.50 0.34 0.00	17.70 0.28 0.00	19.75 0.05 -0.05	15.70 0.08 -0.63	15.49 -0.05 -0.03	12.24 -0.07 -0.38	13.01 -0.50 0.00	10.94 -0.04 -0.08	13.11 0.05 0.00	15.43 0.08 0.00	17.34 0.20 0.00	15.29 0.26 -1.78	22.66 0.51 -1.33	9.76 0.21 -2.14	10.66 0.25 -1.10	16.65 0.40 0.00	18.98 0.42 0.00	14.45 0.29 0.00
ETNA_____115KV_TB2 80207	22.51 0.43 0.00	21.27 0.38 0.00	17.03 0.23 0.00	17.83 0.29 0.00	16.57 0.26 0.00	17.94 0.28 0.00	19.50 0.34 0.00	17.70 0.28 0.00	19.75 0.05 -0.05	15.70 0.08 -0.63	15.49 -0.05 -0.03	12.24 -0.07 -0.38	13.01 -0.50 0.00	10.94 -0.04 -0.08	13.11 0.05 0.00	15.43 0.08 0.00	17.34 0.20 0.00	15.29 0.26 -1.78	22.66 0.51 -1.33	9.76 0.21 -2.14	10.66 0.25 -1.10	16.65 0.40 0.00	18.98 0.42 0.00	14.45 0.29 0.00
EUCLID__115KV_TB2 356179	21.94 -0.15 0.00	20.74 -0.15 0.00	16.64 -0.15 0.00	17.42 -0.13 0.00	16.18 -0.13 0.00	17.52 -0.14 0.00	19.03 -0.12 0.00	17.24 -0.17 0.00	19.17 -0.49 -0.03	14.97 -0.29 -0.27	15.17 -0.35 -0.01	11.81 -0.29 -0.16	12.74 -0.76 0.00	10.72 -0.22 -0.04	12.91 -0.16 0.00	15.18 -0.18 0.00	17.00 -0.14 0.00	13.87 -0.06 -0.68	21.26 -0.06 -0.50	8.21 -0.01 -0.82	9.70 -0.02 -0.42	16.17 -0.08 0.00	18.45 -0.11 0.00	14.07 -0.09 0.00
E_CANADA_CAP_HY 24051	23.83 1.75 0.00	22.64 1.75 0.00	18.11 1.31 0.00	18.94 1.40 0.00	17.62 1.31 0.00	19.05 1.39 0.00	20.67 1.51 0.00	18.60 1.19 0.00	21.46 1.22 -0.60	23.16 1.02 -7.15	16.83 0.95 -0.37	16.94 0.65 -4.36	14.05 0.55 0.00	12.25 0.56 -0.79	13.76 0.70 0.00	16.14 0.79 0.00	17.97 0.83 0.00	35.47 0.68 -21.53	38.21 1.37 -16.02	33.75 0.48 -25.87	23.23 0.60 -13.33	17.39 1.14 0.00	19.97 1.41 0.00	15.16 1.00 0.00
E_CANADA_MHWK_HY 24050	21.73 -0.35 0.00	20.58 -0.31 0.00	16.66 -0.14 0.00	17.40 -0.14 0.00	16.19 -0.12 0.00	17.49 -0.17 0.00	18.94 -0.22 0.00	17.18 -0.23 0.00	19.31 -0.34 0.00	14.82 -0.17 0.00	15.24 -0.27 0.00	11.66 -0.28 0.00	12.58 -0.93 0.00	10.53 -0.38 -0.01	12.74 -0.33 0.00	14.98 -0.37 0.00	16.93 -0.21 0.00	13.22 -0.04 0.00	20.89 0.07 0.00	7.44 0.04 0.00	9.29 -0.01 0.00	16.25 -0.01 0.00	18.37 -0.19 0.00	14.03 -0.13 0.00
E_FISHKILL__LBMP 23776	22.81 0.72 0.00	21.57 0.67 0.00	17.43 0.62 0.00	18.09 0.55 0.00	16.83 0.52 0.00	18.23 0.57 0.00	19.75 0.59 0.00	18.09 0.68 0.00	20.78 0.67 -0.47	21.24 0.61 -5.64	16.46 0.68 -0.27	15.93 0.55 -3.44	13.88 0.38 0.00	12.03 0.51 -0.62	13.72 0.66 0.00	16.12 0.76 0.00	18.06 0.92 0.00	30.92 0.67 -16.99	34.48 1.02 -12.64	28.17 0.36 -20.41	20.28 0.46 -10.52	16.99 0.74 0.00	19.25 0.69 0.00	14.72 0.56 0.00
FALCON__SEABRD_CC1 323796	22.93 0.85 0.00	21.62 0.73 0.00	17.41 0.61 0.00	18.18 0.63 0.00	16.89 0.58 0.00	18.27 0.60 0.00	19.82 0.66 0.00	17.99 0.58 0.00	20.29 0.65 0.00	15.47 0.48 0.00	15.86 0.35 0.00	12.26 0.33 0.00	13.85 0.34 0.00	11.10 0.19 0.00	13.11 0.05 0.00	15.34 -0.02 0.00	17.06 -0.09 0.00	13.17 -0.08 0.00	20.50 -0.32 0.00	7.19 -0.21 0.00	9.00 -0.30 0.00	15.86 -0.39 0.00	18.45 -0.11 0.00	14.20 0.03 0.00
FALCON__SEABRD_CC2 323797	22.93 0.85 0.00	21.62 0.73 0.00	17.41 0.61 0.00	18.18 0.63 0.00	16.89 0.58 0.00	18.27 0.60 0.00	19.82 0.66 0.00	17.99 0.58 0.00	20.29 0.65 0.00	15.47 0.48 0.00	15.86 0.35 0.00	12.26 0.33 0.00	13.85 0.34 0.00	11.10 0.19 0.00	13.11 0.05 0.00	15.34 -0.02 0.00	17.06 -0.09 0.00	13.17 -0.08 0.00	20.50 -0.32 0.00	7.19 -0.21 0.00	9.00 -0.30 0.00	15.86 -0.39 0.00	18.45 -0.11 0.00	14.20 0.03 0.00
FAR ROCKAWAY__4 23548	23.63 1.55 0.00	22.26 1.37 0.00	17.96 1.16 0.00	18.64 1.09 0.00	17.32 1.01 0.00	18.76 1.10 0.00	20.31 1.15 0.00	18.66 1.25 0.00	21.47 1.37 -0.45	25.50 1.13 -9.37	49.89 1.24 -33.14	64.99 0.99 -52.07	47.70 0.87 -33.32	46.15 0.94 -34.31	51.77 1.17 -37.53	66.24 1.37 -49.52	85.51 1.59 -66.77	165.33 1.16 -150.91	437.10 1.75 -414.53	158.14 0.64 -150.10	159.72 0.83 -149.59	125.87 1.38 -108.23	38.92 1.35 -19.01	35.67 1.07 -20.44
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.09 1.01 0.00	21.80 0.91 0.00	17.62 0.82 0.00	18.24 0.70 0.00	16.97 0.67 0.00	18.38 0.72 0.00	19.91 0.75 0.00	18.29 0.88 0.00	21.00 0.90 -0.45	21.24 0.79 -5.45	16.68 0.91 -0.26	16.00 0.74 -3.33	14.09 0.59 0.00	12.19 0.69 -0.60	13.95 0.88 0.00	16.38 1.03 0.00	18.35 1.21 0.00	30.54 0.87 -16.41	34.30 1.27 -12.21	27.57 0.46 -19.72	20.06 0.60 -10.16	17.22 0.96 0.00	19.49 0.93 0.00	14.89 0.73 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.10 1.02 0.00	21.80 0.91 0.00	17.62 0.83 0.00	18.25 0.71 0.00	16.98 0.67 0.00	18.39 0.72 0.00	19.92 0.76 0.00	18.30 0.88 0.00	21.00 0.90 -0.45	21.24 0.80 -5.45	16.68 0.91 -0.26	16.00 0.74 -3.33	14.10 0.59 0.00	12.19 0.69 -0.60	13.95 0.89 0.00	16.38 1.03 0.00	18.36 1.22 0.00	30.54 0.88 -16.41	34.31 1.28 -12.21	27.58 0.46 -19.72	20.06 0.60 -10.16	17.23 0.98 0.00	19.50 0.94 0.00	14.90 0.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.08 1.00 0.00	21.78 0.89 0.00	17.61 0.81 0.00	18.23 0.69 0.00	16.97 0.66 0.00	18.37 0.71 0.00	19.90 0.75 0.00	18.29 0.88 0.00	20.98 0.89 -0.45	21.23 0.78 -5.45	16.67 0.90 -0.26	15.99 0.73 -3.33	14.09 0.58 0.00	12.18 0.69 -0.60	13.94 0.87 0.00	16.36 1.01 0.00	18.34 1.20 0.00	30.53 0.86 -16.41	34.28 1.26 -12.21	27.57 0.45 -19.72	20.05 0.59 -10.16	17.21 0.96 0.00	19.48 0.92 0.00	14.88 0.72 0.00
FARRAGUT___LBMP 323566	23.07 0.99 0.00	21.77 0.88 0.00	17.60 0.80 0.00	18.22 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.27 0.86 0.00	20.96 0.87 -0.45	21.21 0.77 -5.45	16.66 0.89 -0.26	15.98 0.72 -3.33	14.08 0.57 0.00	12.18 0.68 -0.60	13.93 0.86 0.00	16.35 1.00 0.00	18.33 1.19 0.00	30.52 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.20 0.95 0.00	19.47 0.91 0.00	14.87 0.71 0.00
FENNER___WINDPWR 24204	22.44 0.36 0.00	21.21 0.31 0.00	17.02 0.22 0.00	17.79 0.24 0.00	16.51 0.20 0.00	17.89 0.23 0.00	19.43 0.27 0.00	17.62 0.20 0.00	19.68 0.01 -0.03	15.43 0.09 -0.35	15.54 0.01 -0.02	12.11 -0.04 -0.21	13.00 -0.50 0.00	10.90 -0.04 -0.05	13.12 0.06 0.00	15.44 0.08 0.00	17.32 0.17 0.00	14.41 0.20 -0.95	21.94 0.41 -0.71	8.71 0.16 -1.15	10.06 0.17 -0.59	16.51 0.25 0.00	18.82 0.26 0.00	14.34 0.18 0.00
FIBERTEK___ENERGY 23856	22.24 0.16 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.59 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.68 0.27 -0.60	8.47 0.10 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
FITZPATRICK____ 23598	21.62 -0.46 0.00	20.45 -0.45 0.00	16.41 -0.38 0.00	17.17 -0.37 0.00	15.95 -0.36 0.00	17.28 -0.38 0.00	18.75 -0.40 0.00	16.99 -0.43 0.00	18.87 -0.79 -0.02	14.69 -0.51 -0.21	14.95 -0.58 -0.01	11.61 -0.45 -0.13	12.57 -0.93 0.00	10.57 -0.36 -0.03	12.74 -0.33 0.00	14.97 -0.38 0.00	16.76 -0.39 0.00	13.46 -0.27 -0.47	20.77 -0.40 -0.35	7.83 -0.13 -0.57	9.42 -0.17 -0.29	15.92 -0.33 0.00	18.18 -0.38 0.00	13.85 -0.31 0.00
FLOWRFLD_69_KV_BK1 356044	23.76 1.69 0.00	22.37 1.48 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.42 1.11 0.00	18.87 1.20 0.00	20.41 1.26 0.00	18.81 1.40 0.00	21.64 1.54 -0.45	21.97 1.28 -5.70	19.28 1.49 -2.28	19.37 1.17 -6.26	16.65 1.04 -2.11	14.70 1.06 -2.74	16.76 1.32 -2.38	20.06 1.54 -3.17	27.04 1.78 -8.12	49.06 1.26 -34.55	67.43 1.88 -44.73	51.18 0.72 -43.06	84.38 0.93 -74.15	25.63 1.55 -7.82	31.63 1.56 -11.51	25.50 1.20 -10.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.05 0.97 0.00	21.79 0.90 0.00	17.60 0.79 0.00	18.27 0.73 0.00	17.00 0.69 0.00	18.42 0.76 0.00	19.96 0.81 0.00	18.29 0.87 0.00	21.00 0.90 -0.46	21.25 0.78 -5.48	16.63 0.86 -0.26	15.96 0.68 -3.34	14.02 0.52 0.00	12.12 0.62 -0.60	13.86 0.79 0.00	16.30 0.95 0.00	18.29 1.14 0.00	30.62 0.86 -16.51	34.43 1.33 -12.28	27.70 0.46 -19.83	20.11 0.59 -10.22	17.20 0.95 0.00	19.49 0.93 0.00	14.88 0.72 0.00
FORT ORANGE____ 23900	22.35 0.27 0.00	21.17 0.28 0.00	17.06 0.26 0.00	17.76 0.22 0.00	16.55 0.24 0.00	17.92 0.25 0.00	19.41 0.25 0.00	17.72 0.30 0.00	20.45 0.23 -0.58	22.16 0.23 -6.93	16.07 0.22 -0.34	16.33 0.17 -4.23	13.48 -0.02 0.00	11.81 0.15 -0.76	13.28 0.21 0.00	15.61 0.26 0.00	17.53 0.38 0.00	34.46 0.32 -20.88	36.90 0.54 -15.53	32.69 0.20 -25.08	22.48 0.25 -12.93	16.65 0.39 0.00	18.84 0.28 0.00	14.43 0.27 0.00
FORT_DRUM_COGEN 23780	22.48 0.40 0.00	21.29 0.40 0.00	17.07 0.27 0.00	17.79 0.25 0.00	16.55 0.24 0.00	17.82 0.15 0.00	19.37 0.21 0.00	17.63 0.21 0.00	19.68 0.02 -0.02	15.12 -0.03 -0.16	15.30 -0.22 -0.01	11.67 -0.36 -0.10	12.73 -0.77 0.00	10.59 -0.33 -0.03	12.77 -0.30 0.00	15.01 -0.34 0.00	16.85 -0.29 0.00	13.66 -0.02 -0.42	21.44 0.30 -0.31	8.00 0.10 -0.50	9.56 0.00 -0.26	16.04 -0.21 0.00	18.39 -0.17 0.00	14.04 -0.12 0.00
FPL_FAR_ROCK_GT1 24212	23.63 1.55 0.00	22.26 1.37 0.00	17.96 1.16 0.00	18.64 1.09 0.00	17.32 1.01 0.00	18.76 1.10 0.00	20.31 1.15 0.00	18.66 1.25 0.00	21.47 1.37 -0.45	25.50 1.13 -9.37	49.89 1.24 -33.14	64.98 0.99 -52.07	47.70 0.87 -33.32	46.15 0.94 -34.31	51.76 1.17 -37.53	66.24 1.37 -49.52	85.52 1.60 -66.77	165.33 1.16 -150.91	437.10 1.75 -414.53	158.14 0.64 -150.10	159.72 0.83 -149.59	125.87 1.38 -108.23	38.92 1.35 -19.01	35.67 1.07 -20.44
FPL_FAR_ROCK_GT2 23815	23.63 1.55 0.00	22.26 1.37 0.00	17.96 1.16 0.00	18.64 1.09 0.00	17.32 1.01 0.00	18.76 1.10 0.00	20.31 1.15 0.00	18.66 1.25 0.00	21.47 1.37 -0.45	25.50 1.13 -9.37	49.89 1.24 -33.14	64.98 0.99 -52.07	47.70 0.87 -33.32	46.15 0.94 -34.31	51.76 1.17 -37.53	66.24 1.37 -49.52	85.52 1.60 -66.77	165.33 1.16 -150.91	437.10 1.75 -414.53	158.14 0.64 -150.10	159.72 0.83 -149.59	125.87 1.38 -108.23	38.92 1.35 -19.01	35.67 1.07 -20.44
FRANKLIN_FALL_HYD 24054	22.57 0.49 0.00	21.32 0.42 0.00	17.13 0.33 0.00	17.90 0.36 0.00	16.63 0.32 0.00	18.00 0.34 0.00	19.55 0.39 0.00	17.72 0.31 0.00	20.04 0.39 0.00	15.26 0.27 0.00	16.53 0.19 -0.83	12.66 0.18 -0.54	13.76 0.20 -0.06	10.96 0.07 0.00	12.98 -0.08 0.00	15.22 -0.13 0.00	16.90 -0.25 0.00	13.05 -0.21 0.00	20.42 -0.40 0.00	7.18 -0.22 0.00	9.02 -0.28 0.00	15.89 -0.37 0.00	18.42 -0.14 0.00	14.10 -0.06 0.00
FREEPORT_EQUS_GT1 23764	23.49 1.41 0.00	22.12 1.22 0.00	17.85 1.05 0.00	18.52 0.98 0.00	17.21 0.90 0.00	18.64 0.98 0.00	20.18 1.03 0.00	18.56 1.15 0.00	21.35 1.25 -0.45	22.98 1.05 -6.94	29.43 1.21 -12.71	34.72 0.97 -21.82	27.02 0.83 -12.68	25.22 0.90 -13.43	28.44 1.11 -14.26	35.49 1.30 -18.84	47.06 1.51 -28.41	89.35 1.06 -75.04	192.93 1.56 -170.55	89.03 0.58 -81.05	116.36 0.75 -106.31	59.60 1.24 -42.11	35.39 1.28 -15.55	30.23 1.03 -15.03
FREEPORT___CT2 23818	23.49 1.41 0.00	22.12 1.22 0.00	17.85 1.05 0.00	18.52 0.98 0.00	17.21 0.90 0.00	18.64 0.98 0.00	20.18 1.03 0.00	18.56 1.15 0.00	21.35 1.25 -0.45	22.98 1.05 -6.94	29.43 1.21 -12.71	34.72 0.97 -21.82	27.02 0.83 -12.68	25.22 0.90 -13.43	28.44 1.11 -14.26	35.49 1.30 -18.84	47.06 1.51 -28.41	89.35 1.06 -75.04	192.93 1.56 -170.55	89.03 0.58 -81.05	116.36 0.75 -106.31	59.60 1.24 -42.11	35.39 1.28 -15.55	30.23 1.03 -15.03

FRESHKLS_33_KV_LOAD 356253	23.00 0.92 0.00	21.73 0.84 0.00	17.58 0.78 0.00	18.18 0.63 0.00	16.92 0.60 0.00	18.31 0.65 0.00	19.84 0.68 0.00	18.23 0.81 0.00	20.86 0.76 -0.45	21.13 0.69 -5.45	15.21 0.77 1.07	15.02 0.62 -2.46	13.88 0.48 0.10	12.10 0.60 -0.60	13.84 0.77 0.00	16.24 0.89 0.00	18.25 1.10 0.00	28.97 0.79 -14.93	33.58 1.26 -11.50	27.56 0.44 -19.72	20.07 0.60 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.84 0.68 0.00
FULTON COGEN____ 23766	22.40 0.32 0.00	21.16 0.27 0.00	16.98 0.18 0.00	17.77 0.22 0.00	16.51 0.19 0.00	17.87 0.20 0.00	19.42 0.25 0.00	17.60 0.19 0.00	19.59 -0.08 -0.03	15.26 0.00 -0.27	15.45 -0.08 -0.01	12.01 -0.09 -0.16	12.96 -0.55 0.00	10.88 -0.06 -0.04	13.12 0.05 0.00	15.41 0.06 0.00	17.29 0.14 0.00	14.14 0.21 -0.67	21.73 0.41 -0.50	8.38 0.17 -0.81	9.90 0.17 -0.42	16.50 0.25 0.00	18.83 0.27 0.00	14.35 0.19 0.00
FULTON____LFGE 323630	24.28 2.20 0.00	23.01 2.12 0.00	18.42 1.62 0.00	19.25 1.71 0.00	17.92 1.61 0.00	19.40 1.74 0.00	21.09 1.93 0.00	19.03 1.61 0.00	21.88 1.64 -0.60	23.29 1.15 -7.15	16.68 0.81 -0.36	16.63 0.33 -4.36	13.44 -0.06 0.00	11.86 0.17 -0.79	13.21 0.15 0.00	15.62 0.27 0.00	17.61 0.47 0.00	35.77 0.98 -21.53	39.21 2.37 -16.02	34.06 0.79 -25.87	23.63 1.00 -13.33	18.00 1.74 0.00	20.49 1.93 0.00	15.54 1.38 0.00
G.F.CEMENT____DRP 24184	23.29 1.21 0.00	22.00 1.11 0.00	17.78 0.98 0.00	18.52 0.98 0.00	17.23 0.92 0.00	18.69 1.03 0.00	20.32 1.17 0.00	18.57 1.15 0.00	21.48 1.24 -0.59	23.08 0.99 -7.10	16.69 0.83 -0.34	16.92 0.65 -4.33	13.91 0.41 0.00	12.16 0.48 -0.78	13.66 0.59 0.00	16.09 0.74 0.00	18.11 0.96 0.00	35.51 0.87 -21.39	38.10 1.37 -15.91	33.59 0.50 -25.69	23.19 0.65 -13.24	17.32 1.07 0.00	19.70 1.14 0.00	15.02 0.86 0.00
GARDENVILLE____LBMP 24039	22.36 0.28 0.00	21.16 0.26 0.00	16.87 0.07 0.00	17.87 0.32 0.00	16.55 0.24 0.00	17.91 0.25 0.00	19.50 0.34 0.00	17.53 0.11 0.00	19.56 -0.12 -0.04	15.39 -0.06 -0.46	15.39 -0.15 -0.02	12.04 -0.17 -0.28	12.97 -0.53 0.00	10.79 -0.17 -0.06	12.95 -0.12 0.00	15.21 -0.14 0.00	17.05 -0.10 0.00	14.45 -0.07 -1.27	21.62 -0.15 -0.94	8.94 0.02 -1.53	10.11 0.02 -0.79	16.26 0.00 0.00	18.69 0.13 0.00	14.24 0.08 0.00
GARDNVLA_35_KV_LD 355827	22.44 0.36 0.00	21.22 0.33 0.00	16.92 0.12 0.00	17.92 0.38 0.00	16.60 0.29 0.00	17.97 0.31 0.00	19.57 0.41 0.00	17.58 0.16 0.00	19.63 -0.06 -0.04	15.44 -0.01 -0.46	15.45 -0.09 -0.02	12.09 -0.13 -0.28	13.02 -0.48 0.00	10.83 -0.12 -0.06	13.01 -0.06 0.00	15.27 -0.08 0.00	17.12 -0.02 0.00	14.52 -0.01 -1.27	21.71 -0.06 -0.94	8.98 0.05 -1.53	10.15 0.07 -0.79	16.32 0.00 0.00	18.77 0.21 0.00	14.30 0.14 0.00
GELCKHM__115KV_LOAD 80723	22.05 -0.03 0.00	20.85 -0.05 0.00	16.73 -0.07 0.00	17.50 -0.04 0.00	16.26 -0.05 0.00	17.61 -0.05 0.00	19.13 -0.03 0.00	17.33 -0.08 0.00	19.28 -0.39 -0.03	15.05 -0.22 -0.28	15.24 -0.28 -0.01	11.88 -0.23 -0.17	12.81 -0.69 0.00	10.77 -0.17 -0.04	12.97 -0.09 0.00	15.24 -0.11 0.00	17.09 -0.05 0.00	13.99 0.01 -0.72	21.42 0.06 -0.54	8.31 0.03 -0.87	9.78 0.03 -0.45	16.26 0.01 0.00	18.55 -0.01 0.00	14.14 -0.02 0.00
GENERAL____MILLS 23808	22.40 0.32 0.00	21.19 0.30 0.00	16.89 0.10 0.00	17.90 0.35 0.00	16.58 0.27 0.00	17.95 0.28 0.00	19.53 0.37 0.00	17.56 0.14 0.00	19.60 -0.08 -0.04	15.42 -0.03 -0.46	15.42 -0.11 -0.02	12.07 -0.15 -0.28	13.00 -0.50 0.00	10.81 -0.15 -0.06	12.98 -0.08 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.48 -0.04 -1.27	21.66 -0.10 -0.94	8.96 0.03 -1.53	10.13 0.04 -0.79	16.29 0.04 0.00	18.73 0.17 0.00	14.27 0.11 0.00
GE_PLASTICS____DRP 24183	22.36 0.28 0.00	21.20 0.31 0.00	17.09 0.29 0.00	17.80 0.26 0.00	16.58 0.27 0.00	17.95 0.29 0.00	19.43 0.27 0.00	17.73 0.32 0.00	20.47 0.25 -0.58	22.22 0.26 -6.97	16.11 0.26 -0.34	16.39 0.21 -4.25	13.52 0.02 0.00	11.86 0.19 -0.77	13.32 0.26 0.00	15.66 0.31 0.00	17.56 0.42 0.00	34.57 0.33 -20.98	36.97 0.54 -15.61	32.80 0.19 -25.21	22.53 0.24 -12.99	16.63 0.37 0.00	18.85 0.29 0.00	14.42 0.26 0.00
GILBOA____1 23756	22.58 0.50 0.00	21.46 0.57 0.00	17.34 0.54 0.00	18.12 0.58 0.00	16.87 0.56 0.00	18.26 0.60 0.00	19.68 0.53 0.00	17.89 0.48 0.00	20.64 0.44 -0.56	22.16 0.41 -6.76	16.27 0.43 -0.33	16.41 0.35 -4.12	13.67 0.17 0.00	11.96 0.31 -0.74	13.48 0.41 0.00	15.85 0.49 0.00	17.75 0.61 0.00	34.09 0.47 -20.37	36.69 0.73 -15.15	32.12 0.25 -24.47	22.23 0.32 -12.61	16.77 0.52 0.00	19.03 0.47 0.00	14.55 0.39 0.00
GILBOA____2 23757	22.58 0.50 0.00	21.46 0.57 0.00	17.34 0.54 0.00	18.12 0.58 0.00	16.87 0.56 0.00	18.26 0.60 0.00	19.68 0.53 0.00	17.89 0.48 0.00	20.64 0.44 -0.56	22.16 0.41 -6.76	16.27 0.43 -0.33	16.41 0.35 -4.12	13.67 0.17 0.00	11.96 0.31 -0.74	13.48 0.41 0.00	15.85 0.49 0.00	17.75 0.61 0.00	34.09 0.47 -20.37	36.69 0.73 -15.15	32.12 0.25 -24.47	22.23 0.32 -12.61	16.77 0.52 0.00	19.03 0.47 0.00	14.55 0.39 0.00
GILBOA____3 23758	22.58 0.50 0.00	21.46 0.57 0.00	17.34 0.54 0.00	18.12 0.58 0.00	16.87 0.56 0.00	18.26 0.60 0.00	19.68 0.53 0.00	17.89 0.48 0.00	20.64 0.44 -0.56	22.16 0.41 -6.76	16.27 0.43 -0.33	16.41 0.35 -4.12	13.67 0.17 0.00	11.96 0.31 -0.74	13.48 0.41 0.00	15.85 0.49 0.00	17.75 0.61 0.00	34.09 0.47 -20.37	36.69 0.73 -15.15	32.12 0.25 -24.47	22.23 0.32 -12.61	16.77 0.52 0.00	19.03 0.47 0.00	14.55 0.39 0.00
GILBOA____4 23759	22.58 0.50 0.00	21.46 0.57 0.00	17.34 0.54 0.00	18.12 0.58 0.00	16.87 0.56 0.00	18.26 0.60 0.00	19.68 0.53 0.00	17.89 0.48 0.00	20.64 0.44 -0.56	22.16 0.41 -6.76	16.27 0.43 -0.33	16.41 0.35 -4.12	13.67 0.17 0.00	11.96 0.31 -0.74	13.48 0.41 0.00	15.85 0.49 0.00	17.75 0.61 0.00	34.09 0.47 -20.37	36.69 0.73 -15.15	32.12 0.25 -24.47	22.23 0.32 -12.61	16.77 0.52 0.00	19.03 0.47 0.00	14.55 0.39 0.00
GILBOA____ 23599	22.58 0.49 0.00	21.46 0.57 0.00	17.34 0.54 0.00	18.12 0.58 0.00	16.87 0.56 0.00	18.27 0.60 0.00	19.68 0.53 0.00	17.89 0.48 0.00	20.64 0.44 -0.56	22.16 0.41 -6.76	16.27 0.43 -0.33	16.41 0.35 -4.12	13.67 0.17 0.00	11.96 0.31 -0.74	13.48 0.42 0.00	15.84 0.49 0.00	17.75 0.61 0.00	34.09 0.46 -20.37	36.70 0.73 -15.15	32.12 0.25 -24.47	22.23 0.33 -12.61	16.77 0.52 0.00	19.03 0.47 0.00	14.55 0.39 0.00
GINNA____ 23603	21.19 -0.89 0.00	20.07 -0.82 0.00	16.06 -0.74 0.00	16.88 -0.66 0.00	15.67 -0.64 0.00	16.98 -0.68 0.00	18.46 -0.69 0.00	16.69 -0.73 0.00	18.58 -1.09 -0.03	14.55 -0.78 -0.34	14.64 -0.88 -0.02	11.44 -0.70 -0.21	12.34 -1.17 0.00	10.30 -0.65 -0.05	12.40 -0.66 0.00	14.58 -0.77 0.00	16.35 -0.80 0.00	13.63 -0.53 -0.91	20.74 -0.76 -0.68	8.25 -0.25 -1.10	9.54 -0.33 -0.56	15.62 -0.63 0.00	17.86 -0.70 0.00	13.59 -0.57 0.00

GLEN PARK____ 23778	22.61 0.53 0.00	21.42 0.52 0.00	17.16 0.36 0.00	17.90 0.36 0.00	16.64 0.33 0.00	17.93 0.26 0.00	19.50 0.34 0.00	17.75 0.33 0.00	19.80 0.14 -0.02	15.19 0.03 -0.17	15.33 -0.19 -0.01	11.70 -0.34 -0.10	12.74 -0.76 0.00	10.62 -0.31 -0.03	12.79 -0.27 0.00	15.04 -0.31 0.00	16.90 -0.25 0.00	13.73 0.04 -0.43	21.59 0.45 -0.32	8.09 0.17 -0.52	9.65 0.09 -0.27	16.19 -0.07 0.00	18.54 -0.02 0.00	14.14 -0.02 0.00
GLENDALE_27_KV_LOAD 356172	23.19 1.11 0.00	21.89 0.99 0.00	17.70 0.90 0.00	18.31 0.77 0.00	17.04 0.73 0.00	18.45 0.79 0.00	19.99 0.83 0.00	18.37 0.96 0.00	21.07 0.98 -0.45	21.31 0.86 -5.45	16.75 0.98 -0.26	16.05 0.79 -3.33	14.16 0.66 0.00	12.25 0.75 -0.60	14.01 0.95 0.00	16.46 1.10 0.00	18.45 1.31 0.00	30.61 0.95 -16.41	34.44 1.41 -12.21	27.62 0.51 -19.72	20.13 0.66 -10.16	17.33 1.08 0.00	19.61 1.05 0.00	14.97 0.81 0.00
GLENWOOD_IC_1_G5 23712	23.28 1.20 0.00	21.96 1.07 0.00	17.73 0.93 0.00	18.39 0.85 0.00	17.10 0.80 0.00	18.53 0.86 0.00	20.06 0.90 0.00	18.43 1.02 0.00	21.18 1.09 -0.45	22.64 0.93 -6.72	27.39 1.07 -10.80	31.70 0.86 -18.90	25.00 0.72 -10.78	23.20 0.80 -11.51	26.20 1.01 -12.13	32.57 1.17 -16.05	45.27 1.37 -26.76	86.95 0.99 -72.70	173.93 1.49 -151.61	89.89 0.54 -81.95	138.71 0.70 -128.72	53.73 1.14 -36.33	39.64 1.13 -19.95	33.57 0.89 -18.52
GLENWOOD_IC_2_G1 23688	23.15 1.07 0.00	21.84 0.95 0.00	17.64 0.84 0.00	18.30 0.75 0.00	17.02 0.71 0.00	18.43 0.76 0.00	19.96 0.81 0.00	18.33 0.91 0.00	21.05 0.96 -0.45	21.31 0.83 -5.49	17.02 0.96 -0.55	16.46 0.77 -3.75	14.42 0.62 -0.30	12.52 0.72 -0.90	14.30 0.90 -0.33	16.85 1.05 -0.44	19.24 1.24 -0.85	32.40 0.90 -18.25	38.42 1.35 -16.25	29.76 0.48 -21.87	24.97 0.63 -15.04	18.31 1.02 -1.02	20.41 1.00 -0.85	15.71 0.79 -0.76
GLENWOOD_IC_3_G1 23689	23.15 1.07 0.00	21.84 0.95 0.00	17.64 0.84 0.00	18.30 0.75 0.00	17.02 0.71 0.00	18.43 0.76 0.00	19.96 0.81 0.00	18.33 0.91 0.00	21.05 0.96 -0.45	21.31 0.83 -5.49	17.02 0.96 -0.55	16.46 0.77 -3.75	14.42 0.62 -0.30	12.52 0.72 -0.90	14.30 0.90 -0.33	16.85 1.05 -0.44	19.24 1.24 -0.85	32.40 0.90 -18.25	38.42 1.35 -16.25	29.76 0.48 -21.87	24.97 0.63 -15.04	18.31 1.02 -1.02	20.41 1.00 -0.85	15.71 0.79 -0.76
GLENWOOD____4 23550	23.28 1.20 0.00	21.96 1.07 0.00	17.73 0.93 0.00	18.39 0.85 0.00	17.10 0.80 0.00	18.53 0.86 0.00	20.06 0.90 0.00	18.43 1.02 0.00	21.18 1.09 -0.45	22.64 0.93 -6.72	27.39 1.07 -10.80	31.70 0.86 -18.90	25.00 0.72 -10.78	23.20 0.80 -11.51	26.20 1.01 -12.13	32.57 1.17 -16.05	45.27 1.37 -26.76	86.95 0.99 -72.70	173.93 1.49 -151.61	89.89 0.54 -81.95	138.71 0.70 -128.72	53.73 1.14 -36.33	39.64 1.13 -19.95	33.57 0.89 -18.52
GLENWOOD____5 23614	23.28 1.20 0.00	21.96 1.07 0.00	17.73 0.93 0.00	18.39 0.85 0.00	17.10 0.80 0.00	18.53 0.86 0.00	20.06 0.90 0.00	18.43 1.02 0.00	21.18 1.09 -0.45	22.64 0.93 -6.72	27.39 1.07 -10.80	31.70 0.86 -18.90	25.00 0.72 -10.78	23.20 0.80 -11.51	26.20 1.01 -12.13	32.57 1.17 -16.05	45.27 1.37 -26.76	86.95 0.99 -72.70	173.93 1.49 -151.61	89.89 0.54 -81.95	138.71 0.70 -128.72	53.73 1.14 -36.33	39.64 1.13 -19.95	33.57 0.89 -18.52
GLOBAL GREEN_PORT_GT1 23814	24.56 2.48 0.00	23.10 2.21 0.00	18.67 1.87 0.00	19.38 1.84 0.00	18.00 1.69 0.00	19.49 1.82 0.00	21.10 1.94 0.00	19.45 2.04 0.00	22.38 2.29 -0.45	22.57 1.89 -5.69	19.86 2.16 -2.19	19.73 1.67 -6.13	17.08 1.56 -2.02	15.03 1.49 -2.65	17.17 1.83 -2.28	20.57 2.19 -3.03	27.60 2.52 -7.93	49.30 1.86 -34.18	67.32 2.88 -43.63	51.17 1.07 -42.69	84.38 1.35 -73.73	26.04 2.26 -7.53	32.32 2.31 -11.45	25.97 1.74 -10.07
GLOBE____DSASP 323697	21.93 -0.15 0.00	20.80 -0.09 0.00	16.60 -0.20 0.00	17.59 0.04 0.00	16.29 -0.02 0.00	17.62 -0.04 0.00	19.18 0.02 0.00	17.21 -0.20 0.00	19.12 -0.56 -0.04	15.00 -0.42 -0.43	15.01 -0.53 -0.02	11.73 -0.47 -0.26	12.66 -0.84 0.00	10.49 -0.47 -0.05	12.60 -0.47 0.00	14.79 -0.56 0.00	16.55 -0.60 0.00	14.00 -0.43 -1.17	20.98 -0.71 -0.87	8.64 -0.17 -1.41	9.81 -0.22 -0.73	15.82 -0.44 0.00	18.20 -0.36 0.00	13.89 -0.26 0.00
GOETHSLN____LBMP 323567	22.98 0.90 0.00	21.70 0.80 0.00	17.53 0.73 0.00	18.13 0.58 0.00	16.87 0.56 0.00	18.26 0.60 0.00	19.79 0.63 0.00	18.18 0.76 0.00	20.85 0.75 -0.45	21.13 0.69 -5.45	15.22 0.79 1.08	15.03 0.65 -2.45	13.90 0.50 0.10	12.13 0.63 -0.60	13.86 0.80 0.00	16.27 0.92 0.00	18.24 1.10 0.00	30.44 0.78 -16.41	34.15 1.12 -12.21	27.52 0.41 -19.72	19.99 0.53 -10.16	17.09 0.84 0.00	19.36 0.80 0.00	14.80 0.64 0.00
GOLAH____69_KV_TB 1_2 80279	22.47 0.39 0.00	21.26 0.37 0.00	17.04 0.24 0.00	17.95 0.41 0.00	16.66 0.36 0.00	18.05 0.39 0.00	19.66 0.50 0.00	17.67 0.26 0.00	19.67 0.00 -0.03	15.34 -0.01 -0.36	15.40 -0.13 -0.02	12.01 -0.15 -0.22	12.96 -0.54 0.00	10.81 -0.13 -0.05	13.00 -0.07 0.00	15.28 -0.07 0.00	17.12 -0.02 0.00	14.28 0.06 -0.96	21.73 0.19 -0.72	8.68 0.12 -1.16	10.04 0.14 -0.60	16.44 0.19 0.00	18.85 0.28 0.00	14.35 0.19 0.00
GOODYEAR_LAKE_HYD 323669	22.66 0.58 0.00	21.41 0.52 0.00	17.20 0.40 0.00	17.95 0.41 0.00	16.68 0.37 0.00	18.07 0.40 0.00	19.62 0.46 0.00	17.87 0.46 0.00	20.11 0.36 -0.11	16.70 0.38 -1.33	15.92 0.36 -0.04	13.01 0.26 -0.81	13.43 -0.07 0.00	11.28 0.23 -0.15	13.42 0.36 0.00	15.79 0.43 0.00	17.71 0.57 0.00	17.68 0.48 -3.94	24.51 0.76 -2.93	12.41 0.27 -4.74	12.08 0.34 -2.44	16.80 0.54 0.00	19.12 0.55 0.00	14.57 0.40 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.33 0.25 0.00	21.05 0.16 0.00	16.86 0.06 0.00	17.69 0.15 0.00	16.43 0.12 0.00	17.79 0.13 0.00	19.33 0.17 0.00	17.52 0.11 0.00	19.62 -0.10 -0.07	15.88 0.01 -0.88	15.49 -0.06 -0.04	12.41 -0.06 -0.53	13.04 -0.46 0.00	10.97 -0.03 -0.10	13.12 0.06 0.00	15.41 0.06 0.00	17.31 0.16 0.00	15.96 0.16 -2.55	22.90 0.18 -1.90	10.56 0.10 -3.07	10.99 0.11 -1.58	16.41 0.16 0.00	18.75 0.19 0.00	14.30 0.14 0.00
GOUDEY____7 23579	22.35 0.27 0.00	21.07 0.18 0.00	16.87 0.07 0.00	17.71 0.17 0.00	16.45 0.13 0.00	17.81 0.14 0.00	19.35 0.19 0.00	17.54 0.12 0.00	19.64 -0.08 -0.07	15.89 0.02 -0.88	15.50 -0.05 -0.04	12.42 -0.05 -0.53	13.05 -0.45 0.00	10.98 -0.02 -0.10	13.13 0.07 0.00	15.42 0.07 0.00	17.32 0.17 0.00	15.98 0.17 -2.55	22.92 0.20 -1.90	10.57 0.10 -3.07	11.00 0.12 -1.58	16.43 0.17 0.00	18.77 0.21 0.00	14.31 0.15 0.00
GOUDEY____8 23580	22.33 0.25 0.00	21.05 0.16 0.00	16.86 0.06 0.00	17.69 0.15 0.00	16.43 0.12 0.00	17.79 0.13 0.00	19.33 0.17 0.00	17.52 0.11 0.00	19.62 -0.10 -0.07	15.88 0.01 -0.88	15.49 -0.06 -0.04	12.41 -0.06 -0.53	13.04 -0.46 0.00	10.97 -0.03 -0.10	13.12 0.06 0.00	15.41 0.06 0.00	17.31 0.16 0.00	15.96 0.16 -2.55	22.90 0.18 -1.90	10.56 0.10 -3.07	10.99 0.11 -1.58	16.41 0.16 0.00	18.75 0.19 0.00	14.30 0.14 0.00

GOWANUS_GT1_1 24077	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_2 24078	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_3 24079	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_4 24080	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_5 24084	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_6 24111	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_7 24112	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.91 0.75 0.00
GOWANUS_GT1_8 24113	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 																		

GOWANUS_GT2_8 24121	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
GOWANUS_GT3_1 24122	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
GOWANUS_GT3_2 24123	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
GOWANUS_GT3_3 24124	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
GOWANUS_GT3_4 24125	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
GOWANUS_GT3_5 24126	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
GOWANUS_GT3_6 24127	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
GOWANUS_GT3_7 24128	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 																		

GOWANUS_GT4_7 24136	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.90 0.74 0.00
GOWANUS_GT4_8 24137	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.90 0.74 0.00
GREENBSH_115KV_TB3 55895	22.22 0.14 0.00	21.06 0.17 0.00	16.98 0.18 0.00	17.67 0.13 0.00	16.47 0.16 0.00	17.83 0.16 0.00	19.30 0.14 0.00	17.63 0.21 0.00	20.35 0.12 -0.58	22.12 0.16 -6.97	16.01 0.16 -0.34	16.32 0.14 -4.25	13.44 -0.06 0.00	11.79 0.12 -0.77	13.24 0.18 0.00	15.57 0.22 0.00	17.47 0.32 0.00	34.51 0.26 -21.00	36.86 0.42 -15.62	32.77 0.15 -25.22	22.49 0.19 -13.00	16.54 0.28 0.00	18.73 0.17 0.00	14.35 0.18 0.00
GREENDGE_115KV_TB5 80291	22.45 0.37 0.00	21.19 0.30 0.00	16.95 0.15 0.00	17.83 0.29 0.00	16.55 0.24 0.00	17.92 0.26 0.00	19.50 0.34 0.00	17.64 0.22 0.00	19.63 -0.06 -0.05	15.52 -0.03 -0.55	15.40 -0.14 -0.03	12.14 -0.13 -0.34	12.97 -0.53 0.00	10.87 -0.10 -0.07	13.06 -0.01 0.00	15.34 -0.01 0.00	17.26 0.11 0.00	14.98 0.18 -1.55	22.31 0.34 -1.15	9.44 0.17 -1.87	10.45 0.19 -0.96	16.53 0.27 0.00	18.90 0.34 0.00	14.40 0.23 0.00
GREENIDGE___3 23582	22.45 0.37 0.00	21.19 0.30 0.00	16.95 0.15 0.00	17.83 0.29 0.00	16.55 0.24 0.00	17.92 0.26 0.00	19.50 0.34 0.00	17.64 0.22 0.00	19.63 -0.06 -0.05	15.52 -0.03 -0.55	15.40 -0.14 -0.03	12.14 -0.13 -0.34	12.97 -0.53 0.00	10.87 -0.10 -0.07	13.06 -0.01 0.00	15.34 -0.01 0.00	17.26 0.11 0.00	14.98 0.18 -1.55	22.31 0.34 -1.15	9.44 0.17 -1.87	10.45 0.19 -0.96	16.53 0.27 0.00	18.90 0.34 0.00	14.40 0.23 0.00
GREENIDGE___4 23583	22.43 0.35 0.00	21.19 0.30 0.00	16.95 0.15 0.00	17.83 0.29 0.00	16.55 0.24 0.00	17.93 0.26 0.00	19.50 0.34 0.00	17.64 0.23 0.00	19.64 -0.06 -0.05	15.52 -0.03 -0.55	15.40 -0.14 -0.03	12.15 -0.12 -0.34	12.97 -0.53 0.00	10.87 -0.10 -0.07	13.06 -0.01 0.00	15.34 -0.01 0.00	17.26 0.11 0.00	14.99 0.18 -1.55	22.31 0.34 -1.15	9.44 0.17 -1.87	10.45 0.19 -0.96	16.53 0.27 0.00	18.91 0.34 0.00	14.39 0.23 0.00
GREENLWN_69_KV_BK 3 55738	23.40 1.32 0.00	22.05 1.16 0.00	17.80 1.00 0.00	18.48 0.93 0.00	17.16 0.86 0.00	18.59 0.93 0.00	20.13 0.97 0.00	18.51 1.10 0.00	21.29 1.19 -0.45	21.74 1.01 -5.74	19.28 1.20 -2.57	19.58 0.95 -6.70	16.72 0.81 -2.41	14.81 0.87 -3.04	16.86 1.08 -2.71	20.21 1.25 -3.61	27.33 1.46 -8.73	50.09 1.03 -35.80	70.67 1.49 -48.36	52.24 0.55 -44.29	85.65 0.72 -75.63	26.24 1.18 -8.80	31.46 1.17 -11.73	25.45 0.93 -10.35
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.90 0.74 0.00
GRISSOM___SOLAR 323813	24.28 2.20 0.00	23.01 2.12 0.00	18.42 1.62 0.00	19.25 1.71 0.00	17.92 1.61 0.00	19.40 1.74 0.00	21.09 1.93 0.00	19.03 1.61 0.00	21.88 1.64 -0.60	23.29 1.15 -7.15	16.68 0.81 -0.36	16.63 0.33 -4.36	13.44 -0.06 0.00	11.86 0.17 -0.79	13.21 0.15 0.00	15.62 0.27 0.00	17.61 0.47 0.00	35.77 0.98 -21.53	39.21 2.37 -16.02	34.06 0.79 -25.87	23.63 1.00 -13.33	18.00 1.74 0.00	20.49 1.93 0.00	15.54 1.38 0.00
GROVEVILLE___HYD 323602	23.05 0.97 0.00	21.79 0.90 0.00	17.60 0.79 0.00	18.27 0.73 0.00	17.00 0.69 0.00	18.42 0.76 0.00	19.96 0.81 0.00	18.29 0.87 0.00	21.00 0.90 -0.46	21.25 0.78 -5.48	16.63 0.86 -0.26	15.96 0.68 -3.34	14.02 0.52 0.00	12.12 0.62 -0.60	13.86 0.79 0.00	16.30 0.95 0.00	18.29 1.14 0.00	30.62 0.86 -16.51	34.43 1.33 -12.28	27.70 0.46 -19.83	20.11 0.59 -10.22	17.20 0.95 0.00	19.49 0.93 0.00	14.88 0.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.24 0.16 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.59 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.68 0.27 -0.60	8.47 0.10 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
HAMLTNNY_34_KV_TB 80303	22.15 0.07 0.00	20.96 0.07 0.00	16.79 -0.02 0.00	17.58 0.04 0.00	16.32 0.02 0.00	17.67 0.01 0.00	19.21 0.06 0.00	17.41 0.00 0.00	19.38 -0.29 -0.03	15.18 -0.14 -0.33	15.32 -0.20 -0.02	11.98 -0.15 -0.20	12.89 -0.61 0.00	10.84 -0.10 -0.04	13.05 -0.01 0.00	15.35 -0.01 0.00	17.21 0.06 0.00	14.23 0.11 -0.86	21.71 0.24 -0.64	8.53 0.09 -1.04	9.94 0.11 -0.54	16.39 0.13 0.00	18.71 0.14 0.00	14.22 0.06 0.00
HAMPSHIRE___PAPER_HYD 323593	21.94 -0.14 0.00	20.76 -0.13 0.00	16.67 -0.14 0.00	17.38 -0.16 0.00	16.16 -0.15 0.00	17.45 -0.21 0.00	18.95 -0.20 0.00	17.22 -0.19 0.00	19.32 -0.32 0.00	14.74 -0.25 0.00	15.17 -0.34 0.00	11.58 -0.36 0.00	12.94 -0.56 0.00	10.58 -0.34 -0.01	12.69 -0.38 0.00	14.91 -0.44 0.00	16.64 -0.50 0.00	12.95 -0.30 0.00	20.49 -0.33 0.00	7.26 -0.14 0.00	9.06 -0.24 0.00	15.77 -0.48 0.00	18.08 -0.48 0.00	13.81 -0.35 0.00
HARDSCRABBLE_WT_PWR 323673	21.73 -0.35 0.00	20.62 -0.28 0.00	16.69 -0.11 0.00	17.45 -0.09 0.00	16.23 -0.08 0.00	17.52 -0.15 0.00	18.95 -0.21 0.00	17.12 -0.29 0.00	19.23 -0.42 0.00	14.79 -0.20 0.00	15.23 -0.28 0.00	11.64 -0.29 0.00	12.58 -0.93 0.00	10.52 -0.39 -0.01	12.74 -0.33 0.00	15.00 -0.36 0.00	16.93 -0.21 0.00	13.21 -0.05 0.00	20.85 0.02 0.00	7.40 0.00 0.00	9.23 -0.07 0.00	16.14 -0.11 0.00	18.32 -0.24 0.00	13.99 -0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.93 0.84 0.00	21.66 0.77 0.00	17.47 0.67 0.00	18.13 0.59 0.00	16.87 0.56 0.00	18.28 0.61 0.00	19.81 0.65 0.00	18.15 0.73 0.00	20.79 0.74 -0.41	20.55 0.66 -4.90	16.48 0.73 -0.23	15.52 0.59 -2.99	13.93 0.43 0.00	11.99 0.55 -0.54	13.79 0.72 0.00	16.22 0.86 0.00	18.19 1.04 0.00	28.80 0.79 -14.75	33.00 1.21 -10.97	25.53 0.41 -17.71	18.96 0.53 -9.13	17.10 0.85 0.00	19.38 0.82 0.00	14.78 0.63 0.00

HARSNRAD_115KV_TB1 81005	22.18 0.10 0.00	21.02 0.13 0.00	16.77 -0.03 0.00	17.76 0.22 0.00	16.46 0.15 0.00	17.81 0.15 0.00	19.38 0.22 0.00	17.40 -0.02 0.00	19.41 -0.27 -0.04	15.23 -0.18 -0.42	15.24 -0.29 -0.02	11.90 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.80 -0.26 0.00	15.03 -0.32 0.00	16.84 -0.31 0.00	14.21 -0.20 -1.16	21.35 -0.33 -0.86	8.76 -0.04 -1.39	9.97 -0.04 -0.72	16.12 -0.13 0.00	18.54 -0.02 0.00	14.14 -0.03 0.00
HARZA MOOSE__RIVER 24016	22.35 0.28 0.00	21.16 0.26 0.00	16.98 0.18 0.00	17.70 0.16 0.00	16.45 0.14 0.00	17.78 0.12 0.00	19.30 0.14 0.00	17.53 0.11 0.00	19.61 -0.05 -0.01	15.14 0.05 -0.10	15.49 -0.03 0.00	11.84 -0.16 -0.06	12.92 -0.58 0.00	10.76 -0.16 -0.02	12.97 -0.10 0.00	15.26 -0.10 0.00	17.10 -0.05 0.00	13.34 0.08 0.00	21.10 0.28 0.00	7.47 0.07 0.00	9.31 0.01 0.00	16.15 -0.10 0.00	18.45 -0.12 0.00	14.09 -0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.02 -0.06 0.00	20.81 -0.08 0.00	16.70 -0.10 0.00	17.48 -0.06 0.00	16.24 -0.06 0.00	17.59 -0.08 0.00	19.10 -0.06 0.00	17.31 -0.10 0.00	19.25 -0.42 -0.03	15.04 -0.24 -0.29	15.23 -0.30 -0.01	11.87 -0.24 -0.17	12.80 -0.70 0.00	10.76 -0.18 -0.04	12.96 -0.10 0.00	15.24 -0.12 0.00	17.08 -0.07 0.00	13.98 0.00 -0.73	21.40 0.03 -0.55	8.31 0.03 -0.88	9.77 0.02 -0.45	16.24 -0.01 0.00	18.54 -0.03 0.00	14.12 -0.04 0.00
HELLGATE_13_KV_LD 55870	23.12 1.03 0.00	21.81 0.92 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.74 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.11 0.60 0.00	12.20 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.63 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.92 0.75 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.12 1.03 0.00	21.81 0.92 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.74 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.11 0.60 0.00	12.20 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.63 -10.16	17.25 1.00 0.00	19.53 0.97 0.00	14.92 0.75 0.00
HEMPSTEAD____ 23647	23.29 1.21 0.00	21.95 1.06 0.00	17.72 0.93 0.00	18.39 0.84 0.00	17.09 0.78 0.00	18.51 0.84 0.00	20.04 0.89 0.00	18.43 1.01 0.00	21.19 1.09 -0.45	22.63 0.93 -6.71	27.31 1.09 -10.71	31.60 0.87 -18.79	24.90 0.73 -10.66	23.10 0.81 -11.39	26.07 1.01 -12.00	32.39 1.17 -15.86	44.00 1.36 -25.50	83.92 0.97 -69.70	170.60 1.44 -148.34	85.46 0.53 -77.53	123.74 0.69 -113.74	53.13 1.13 -35.74	36.92 1.13 -17.22	31.29 0.90 -16.22
HEWLETT__69_KV_BK3 55828	23.53 1.45 0.00	22.17 1.27 0.00	17.89 1.09 0.00	18.56 1.02 0.00	17.25 0.94 0.00	18.69 1.03 0.00	20.22 1.07 0.00	18.59 1.17 0.00	21.38 1.28 -0.45	25.43 1.06 -9.37	49.84 1.19 -33.14	64.95 0.95 -52.07	47.66 0.83 -33.32	46.12 0.91 -34.31	51.73 1.13 -37.53	66.18 1.31 -49.52	85.45 1.53 -66.77	165.28 1.11 -150.91	437.02 1.67 -414.53	158.11 0.62 -150.10	159.69 0.80 -149.59	125.81 1.32 -108.23	38.86 1.29 -19.01	35.63 1.03 -20.44
HICKLING__1 23621	22.52 0.44 0.00	21.19 0.30 0.00	16.93 0.13 0.00	17.86 0.32 0.00	16.57 0.26 0.00	17.95 0.29 0.00	19.50 0.34 0.00	17.62 0.20 0.00	19.65 -0.06 -0.06	15.72 0.03 -0.70	15.47 -0.07 -0.03	12.29 -0.07 -0.42	13.04 -0.46 0.00	10.96 -0.03 -0.08	13.13 0.07 0.00	15.41 0.06 0.00	17.35 0.20 0.00	15.45 0.20 -1.99	22.51 0.20 -1.48	9.94 0.14 -2.40	10.68 0.14 -1.24	16.47 0.21 0.00	18.87 0.31 0.00	14.40 0.24 0.00
HICKLING__2 23622	22.52 0.44 0.00	21.19 0.30 0.00	16.93 0.13 0.00	17.86 0.32 0.00	16.57 0.26 0.00	17.95 0.29 0.00	19.50 0.34 0.00	17.62 0.20 0.00	19.65 -0.06 -0.06	15.72 0.03 -0.70	15.47 -0.07 -0.03	12.29 -0.07 -0.42	13.04 -0.46 0.00	10.96 -0.03 -0.08	13.13 0.07 0.00	15.41 0.06 0.00	17.35 0.20 0.00	15.45 0.20 -1.99	22.51 0.20 -1.48	9.94 0.14 -2.40	10.68 0.14 -1.24	16.47 0.21 0.00	18.87 0.31 0.00	14.40 0.24 0.00
HIGH FALLS__HY 23754	22.98 0.90 0.00	21.70 0.81 0.00	17.51 0.71 0.00	18.19 0.65 0.00	16.91 0.60 0.00	18.32 0.66 0.00	19.87 0.71 0.00	18.21 0.79 0.00	20.89 0.80 -0.44	20.99 0.68 -5.32	16.52 0.75 -0.26	15.74 0.56 -3.24	13.81 0.31 0.00	11.92 0.44 -0.59	13.65 0.58 0.00	16.04 0.69 0.00	18.02 0.88 0.00	29.93 0.67 -16.01	33.82 1.09 -11.91	27.03 0.40 -19.23	19.79 0.57 -9.91	17.16 0.90 0.00	19.45 0.89 0.00	14.83 0.66 0.00
HILLBURN__GT 23639	22.90 0.82 0.00	21.64 0.74 0.00	17.46 0.66 0.00	18.11 0.57 0.00	16.85 0.54 0.00	18.25 0.58 0.00	19.77 0.62 0.00	18.13 0.72 0.00	20.77 0.71 -0.42	20.66 0.65 -5.02	16.49 0.73 -0.24	15.60 0.60 -3.06	13.94 0.44 0.00	12.02 0.57 -0.55	13.80 0.74 0.00	16.22 0.87 0.00	18.19 1.05 0.00	29.14 0.79 -15.10	33.23 1.18 -11.23	25.95 0.41 -18.14	19.17 0.52 -9.35	17.08 0.83 0.00	19.36 0.79 0.00	14.77 0.61 0.00
HILLSIDE_115KV_TB1 80332	22.21 0.14 0.00	20.89 0.00 0.00	16.68 -0.12 0.00	17.59 0.05 0.00	16.33 0.02 0.00	17.69 0.02 0.00	19.21 0.05 0.00	17.37 -0.05 0.00	19.41 -0.30 -0.06	15.58 -0.14 -0.72	15.31 -0.24 -0.03	12.18 -0.19 -0.44	12.90 -0.60 0.00	10.86 -0.13 -0.09	13.01 -0.06 0.00	15.26 -0.09 0.00	17.16 0.02 0.00	15.36 0.04 -2.07	22.25 -0.11 -1.54	9.90 0.02 -2.49	10.58 0.00 -1.28	16.23 -0.02 0.00	18.60 0.04 0.00	14.19 0.03 0.00
HISHELDN_WT_PWR 323625	22.29 0.21 0.00	21.12 0.23 0.00	16.85 0.04 0.00	17.83 0.29 0.00	16.53 0.22 0.00	17.90 0.23 0.00	19.46 0.30 0.00	17.49 0.08 0.00	19.50 -0.19 -0.04	15.39 -0.10 -0.50	15.34 -0.19 -0.02	12.04 -0.20 -0.30	12.93 -0.57 0.00	10.77 -0.19 -0.06	12.94 -0.13 0.00	15.18 -0.18 0.00	17.02 -0.13 0.00	14.55 -0.08 -1.38	21.69 -0.16 -1.03	9.07 0.01 -1.66	10.17 0.01 -0.85	16.23 -0.02 0.00	18.67 0.11 0.00	14.23 0.07 0.00
HOLTSVILLE_IC_1 23690	23.71 1.63 0.00	22.32 1.43 0.00	18.03 1.23 0.00	18.72 1.17 0.00	17.39 1.08 0.00	18.82 1.16 0.00	20.36 1.21 0.00	18.76 1.35 0.00	21.57 1.47 -0.45	21.90 1.22 -5.69	19.10 1.43 -2.16	19.14 1.13 -6.08	16.47 0.98 -1.99	14.53 1.02 -2.61	16.56 1.26 -2.24	19.80 1.47 -2.98	26.70 1.69 -7.86	48.50 1.20 -34.04	65.83 1.79 -43.22	50.64 0.68 -42.56	83.78 0.89 -73.59	25.16 1.49 -7.42	31.49 1.50 -11.43	25.37 1.16 -10.05
HOLTSVILLE_IC_10 23699	23.83 1.75 0.00	22.42 1.53 0.00	18.12 1.32 0.00	18.80 1.26 0.00	17.47 1.16 0.00	18.91 1.24 0.00	20.46 1.30 0.00	18.85 1.44 0.00	21.68 1.58 -0.45	22.01 1.31 -5.70	19.34 1.52 -2.31	19.44 1.20 -6.31	16.70 1.06 -2.15	14.74 1.07 -2.77	16.81 1.33 -2.41	20.13 1.56 -3.21	27.12 1.80 -8.17	49.21 1.28 -34.67	67.85 1.93 -45.10	51.30 0.73 -43.17	84.48 0.96 -74.22	25.77 1.59 -7.93	31.69 1.60 -11.52	25.55 1.24 -10.14

HOLTSVILLE_IC_2 23691	23.71 1.63 0.00	22.32 1.43 0.00	18.03 1.23 0.00	18.72 1.17 0.00	17.39 1.08 0.00	18.82 1.16 0.00	20.36 1.21 0.00	18.76 1.35 0.00	21.57 1.47 -0.45	21.90 1.22 -5.69	19.10 1.43 -2.16	19.14 1.13 -6.08	16.47 0.98 -1.99	14.53 1.02 -2.61	16.56 1.26 -2.24	19.80 1.47 -2.98	26.70 1.69 -7.86	48.50 1.20 -34.04	65.83 1.79 -43.22	50.64 0.68 -42.56	83.78 0.89 -73.59	25.16 1.49 -7.42	31.49 1.50 -11.43	25.37 1.16 -10.05
HOLTSVILLE_IC_3 23692	23.71 1.63 0.00	22.32 1.43 0.00	18.03 1.23 0.00	18.72 1.17 0.00	17.39 1.08 0.00	18.82 1.16 0.00	20.36 1.21 0.00	18.76 1.35 0.00	21.57 1.47 -0.45	21.90 1.22 -5.69	19.10 1.43 -2.16	19.14 1.13 -6.08	16.47 0.98 -1.99	14.53 1.02 -2.61	16.56 1.26 -2.24	19.80 1.47 -2.98	26.70 1.69 -7.86	48.50 1.20 -34.04	65.83 1.79 -43.22	50.64 0.68 -42.56	83.78 0.89 -73.59	25.16 1.49 -7.42	31.49 1.50 -11.43	25.37 1.16 -10.05
HOLTSVILLE_IC_4 23693	23.71 1.63 0.00	22.32 1.43 0.00	18.03 1.23 0.00	18.72 1.17 0.00	17.39 1.08 0.00	18.82 1.16 0.00	20.36 1.21 0.00	18.76 1.35 0.00	21.57 1.47 -0.45	21.90 1.22 -5.69	19.10 1.43 -2.16	19.14 1.13 -6.08	16.47 0.98 -1.99	14.53 1.02 -2.61	16.56 1.26 -2.24	19.80 1.47 -2.98	26.70 1.69 -7.86	48.50 1.20 -34.04	65.83 1.79 -43.22	50.64 0.68 -42.56	83.78 0.89 -73.59	25.16 1.49 -7.42	31.49 1.50 -11.43	25.37 1.16 -10.05
HOLTSVILLE_IC_5 23694	23.71 1.63 0.00	22.32 1.43 0.00	18.03 1.23 0.00	18.72 1.17 0.00	17.39 1.08 0.00	18.82 1.16 0.00	20.36 1.21 0.00	18.76 1.35 0.00	21.57 1.47 -0.45	21.90 1.22 -5.69	19.10 1.43 -2.16	19.14 1.13 -6.08	16.47 0.98 -1.99	14.53 1.02 -2.61	16.56 1.26 -2.24	19.80 1.47 -2.98	26.70 1.69 -7.86	48.50 1.20 -34.04	65.83 1.79 -43.22	50.64 0.68 -42.56	83.78 0.89 -73.59	25.16 1.49 -7.42	31.49 1.50 -11.43	25.37 1.16 -10.05
HOLTSVILLE_IC_6 23695	23.83 1.75 0.00	22.42 1.53 0.00	18.12 1.32 0.00	18.80 1.26 0.00	17.47 1.16 0.00	18.91 1.24 0.00	20.46 1.30 0.00	18.85 1.44 0.00	21.68 1.58 -0.45	22.01 1.31 -5.70	19.34 1.52 -2.31	19.44 1.20 -6.31	16.70 1.06 -2.15	14.74 1.07 -2.77	16.81 1.33 -2.41	20.13 1.56 -3.21	27.12 1.80 -8.17	49.21 1.28 -34.67	67.85 1.93 -45.10	51.30 0.73 -43.17	84.48 0.96 -74.22	25.77 1.59 -7.93	31.69 1.60 -11.52	25.55 1.24 -10.14
HOLTSVILLE_IC_7 23696	23.83 1.75 0.00	22.42 1.53 0.00	18.12 1.32 0.00	18.80 1.26 0.00	17.47 1.16 0.00	18.91 1.24 0.00	20.46 1.30 0.00	18.85 1.44 0.00	21.68 1.58 -0.45	22.01 1.31 -5.70	19.34 1.52 -2.31	19.44 1.20 -6.31	16.70 1.06 -2.15	14.74 1.07 -2.77	16.81 1.33 -2.41	20.13 1.56 -3.21	27.12 1.80 -8.17	49.21 1.28 -34.67	67.85 1.93 -45.10	51.30 0.73 -43.17	84.48 0.96 -74.22	25.77 1.59 -7.93	31.69 1.60 -11.52	25.55 1.24 -10.14
HOLTSVILLE_IC_8 23697	23.83 1.75 0.00	22.42 1.53 0.00	18.12 1.32 0.00	18.80 1.26 0.00	17.47 1.16 0.00	18.91 1.24 0.00	20.46 1.30 0.00	18.85 1.44 0.00	21.68 1.58 -0.45	22.01 1.31 -5.70	19.34 1.52 -2.31	19.44 1.20 -6.31	16.70 1.06 -2.15	14.74 1.07 -2.77	16.81 1.33 -2.41	20.13 1.56 -3.21	27.12 1.80 -8.17	49.21 1.28 -34.67	67.85 1.93 -45.10	51.30 0.73 -43.17	84.48 0.96 -74.22	25.77 1.59 -7.93	31.69 1.60 -11.52	25.55 1.24 -10.14
HOLTSVILLE_IC_9 23698	23.83 1.75 0.00	22.42 1.53 0.00	18.12 1.32 0.00	18.80 1.26 0.00	17.47 1.16 0.00	18.91 1.24 0.00	20.46 1.30 0.00	18.85 1.44 0.00	21.68 1.58 -0.45	22.01 1.31 -5.70	19.34 1.52 -2.31	19.44 1.20 -6.31	16.70 1.06 -2.15	14.74 1.07 -2.77	16.81 1.33 -2.41	20.13 1.56 -3.21	27.12 1.80 -8.17	49.21 1.28 -34.67	67.85 1.93 -45.10	51.30 0.73 -43.17	84.48 0.96 -74.22	25.77 1.59 -7.93	31.69 1.60 -11.52	25.55 1.24 -10.14
HOMER_HL_115KV_TB2 355744	22.64 0.56 0.00	21.39 0.50 0.00	17.04 0.24 0.00	18.01 0.47 0.00	16.67 0.37 0.00	18.06 0.40 0.00	19.65 0.50 0.00	17.76 0.35 0.00	19.91 0.22 -0.05	15.70 0.20 -0.51	15.63 0.09 -0.02	12.18 -0.07 -0.31	13.06 -0.44 0.00	10.92 -0.05 -0.06	13.08 0.02 0.00	15.35 0.00 0.00	17.22 0.08 0.00	14.65 -0.02 -1.42	21.71 -0.16 -1.06	9.11 0.01 -1.71	10.19 0.01 -0.88	16.33 0.07 0.00	18.85 0.29 0.00	14.37 0.21 0.00
HOWARD_WT_PWR 323690	22.51 0.43 0.00	21.36 0.46 0.00	17.09 0.29 0.00	18.05 0.51 0.00	16.74 0.43 0.00	18.13 0.46 0.00	19.65 0.49 0.00	17.69 0.27 0.00	19.58 -0.11 -0.05	15.52 -0.05 -0.58	15.43 -0.10 -0.03	12.16 -0.13 -0.35	12.99 -0.51 0.00	10.88 -0.09 -0.07	13.08 0.02 0.00	15.35 0.00 0.00	17.27 0.13 0.00	15.03 0.14 -1.64	22.27 0.23 -1.22	9.51 0.14 -1.97	10.43 0.11 -1.02	16.48 0.22 0.00	18.99 0.43 0.00	14.51 0.35 0.00
HQ_GEN_CEDARS 23644	22.00 -0.08 0.00	20.82 -0.07 0.00	16.73 -0.07 0.00	17.48 -0.07 0.00	16.24 -0.06 0.00	17.59 -0.07 0.00	19.09 -0.07 0.00	17.31 -0.10 0.00	19.51 -0.13 0.00	14.87 -0.12 0.00	15.38 -0.13 0.00	11.85 -0.09 0.00	13.45 -0.05 0.00	10.82 -0.08 0.00	12.94 -0.12 0.00	15.20 -0.15 0.00	16.88 -0.26 0.00	13.02 -0.24 0.00	20.44 -0.38 0.00	7.26 -0.15 0.00	9.13 -0.17 0.00	16.03 -0.22 0.00	18.40 -0.16 0.00	14.03 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	22.00 -0.08 0.00	20.82 -0.07 0.00	16.73 -0.07 0.00	17.48 -0.07 0.00	16.24 -0.06 0.00	17.59 -0.07 0.00	19.09 -0.07 0.00	17.31 -0.10 0.00	19.51 -0.13 0.00	14.87 -0.12 0.00	15.38 -0.13 0.00	11.85 -0.09 0.00	13.45 -0.05 0.00	10.82 -0.08 0.00	12.94 -0.12 0.00	15.20 -0.15 0.00	16.88 -0.26 0.00	13.02 -0.24 0.00	20.44 -0.38 0.00	7.26 -0.15 0.00	9.13 -0.17 0.00	16.03 -0.22 0.00	18.41 -0.16 0.00	14.03 -0.13 0.00
HQ_GEN_IMPORT 323601	22.01 -0.07 0.00	20.83 -0.07 0.00	16.75 -0.05 0.00	17.49 -0.05 0.00	16.26 -0.05 0.00	17.61 -0.05 0.00	19.10 -0.06 0.00	17.31 -0.10 0.00	19.50 -0.12 0.02	14.90 -0.10 0.00	15.44 -0.08 0.00	11.89 -0.05 0.00	13.47 -0.04 0.00	10.86 -0.04 0.00	13.00 -0.06 0.00	15.27 -0.08 0.00	16.97 -0.17 0.00	13.08 -0.17 0.00	20.54 -0.28 0.00	7.30 -0.10 0.00	9.18 -0.12 0.00	16.10 -0.15 0.00	18.47 -0.09 0.00	14.09 -0.07 0.00
HQ_GEN_WHEEL 23651	22.01 -0.07 0.00	20.83 -0.07 0.00	16.75 -0.05 0.00	17.49 -0.05 0.00	16.26 -0.05 0.00	17.61 -0.05 0.00	19.10 -0.06 0.00	17.31 -0.10 0.00	19.50 -0.12 0.02	14.90 -0.10 0.00	15.44 -0.08 0.00	11.89 -0.05 0.00	13.47 -0.04 0.00	10.86 -0.04 0.00	13.00 -0.06 0.00	15.27 -0.08 0.00	16.97 -0.17 0.00	13.08 -0.17 0.00	20.54 -0.28 0.00	7.30 -0.10 0.00	9.18 -0.12 0.00	16.10 -0.15 0.00	18.47 -0.09 0.00	14.09 -0.07 0.00
HUDSON_AVE_GT_3 23810	23.12 1.04 0.00	21.82 0.93 0.00	17.63 0.83 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.40 0.74 0.00	19.93 0.77 0.00	18.31 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.20 0.71 -0.60	13.96 0.90 0.00	16.39 1.04 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.32 1.29 -12.21	27.58 0.47 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.51 0.95 0.00	14.91 0.75 0.00

HUDSON AVE_GT_4 23540	23.12 1.04 0.00	21.82 0.93 0.00	17.63 0.83 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.40 0.74 0.00	19.93 0.77 0.00	18.31 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.20 0.71 -0.60	13.96 0.90 0.00	16.39 1.04 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.32 1.29 -12.21	27.58 0.47 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.51 0.95 0.00	14.91 0.75 0.00
HUDSON AVE_GT_5 23657	23.12 1.04 0.00	21.82 0.93 0.00	17.63 0.83 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.40 0.74 0.00	19.93 0.77 0.00	18.31 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.20 0.71 -0.60	13.96 0.90 0.00	16.39 1.04 0.00	18.37 1.23 0.00	30.55 0.89 -16.41	34.32 1.29 -12.21	27.58 0.47 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.51 0.95 0.00	14.91 0.75 0.00
HUDSON_AVE_10 24168	23.03 0.95 0.00	21.74 0.85 0.00	17.57 0.77 0.00	18.20 0.65 0.00	16.94 0.63 0.00	18.34 0.67 0.00	19.86 0.71 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.75 -5.45	16.63 0.85 -0.26	15.94 0.69 -3.33	14.04 0.54 0.00	12.14 0.64 -0.60	13.89 0.82 0.00	16.30 0.95 0.00	18.27 1.13 0.00	30.47 0.80 -16.41	34.21 1.18 -12.21	27.54 0.42 -19.72	20.02 0.56 -10.16	17.15 0.90 0.00	19.43 0.87 0.00	14.85 0.69 0.00
HUDSON___115KV_TB 4 355613	22.65 0.57 0.00	21.46 0.57 0.00	17.27 0.47 0.00	17.99 0.45 0.00	16.77 0.45 0.00	18.16 0.50 0.00	19.68 0.52 0.00	17.97 0.56 0.00	20.73 0.52 -0.56	22.20 0.43 -6.78	16.23 0.38 -0.33	16.34 0.27 -4.13	13.61 0.10 0.00	11.87 0.23 -0.75	13.38 0.31 0.00	15.74 0.39 0.00	17.70 0.55 0.00	34.15 0.48 -20.41	36.87 0.86 -15.18	32.25 0.33 -24.52	22.34 0.40 -12.63	16.91 0.65 0.00	19.14 0.58 0.00	14.63 0.47 0.00
HUNTER MOUNT___DRP 323613	22.76 0.68 0.00	21.56 0.67 0.00	17.35 0.55 0.00	18.08 0.54 0.00	16.85 0.54 0.00	18.25 0.59 0.00	19.79 0.63 0.00	18.06 0.65 0.00	20.82 0.63 -0.54	22.04 0.49 -6.55	16.25 0.43 -0.32	16.22 0.29 -4.00	13.63 0.13 0.00	11.85 0.23 -0.72	13.39 0.32 0.00	15.77 0.42 0.00	17.73 0.59 0.00	33.51 0.52 -19.73	36.48 0.98 -14.68	31.49 0.38 -23.71	21.98 0.46 -12.22	17.01 0.76 0.00	19.24 0.68 0.00	14.71 0.55 0.00
HUNTINGTON_RES_REC 323705	23.57 1.50 0.00	22.19 1.30 0.00	17.92 1.12 0.00	18.60 1.05 0.00	17.28 0.97 0.00	18.70 1.04 0.00	20.25 1.09 0.00	18.64 1.23 0.00	21.45 1.35 -0.45	21.83 1.13 -5.71	19.17 1.33 -2.33	19.32 1.05 -6.33	16.57 0.90 -2.16	14.64 0.96 -2.79	16.68 1.18 -2.43	19.97 1.38 -3.24	26.98 1.61 -8.22	49.17 1.14 -34.78	67.84 1.68 -45.34	51.33 0.63 -43.29	84.62 0.82 -74.50	25.60 1.35 -7.99	31.48 1.35 -11.57	25.40 1.06 -10.18
HUNTLEY___63 23557	22.42 0.33 0.00	21.24 0.34 0.00	16.93 0.13 0.00	17.94 0.39 0.00	16.62 0.31 0.00	17.99 0.33 0.00	19.58 0.42 0.00	17.58 0.17 0.00	19.60 -0.09 -0.04	15.39 -0.04 -0.44	15.40 -0.14 -0.02	12.03 -0.17 -0.27	12.99 -0.52 0.00	10.78 -0.17 -0.06	12.94 -0.12 0.00	15.20 -0.15 0.00	17.02 -0.13 0.00	14.39 -0.06 -1.20	21.58 -0.13 -0.89	8.87 0.03 -1.44	10.09 0.04 -0.74	16.27 0.01 0.00	18.70 0.14 0.00	14.25 0.09 0.00
HUNTLEY___64 23558	22.42 0.33 0.00	21.24 0.34 0.00	16.93 0.13 0.00	17.94 0.39 0.00	16.62 0.31 0.00	17.99 0.33 0.00	19.58 0.42 0.00	17.58 0.17 0.00	19.60 -0.09 -0.04	15.39 -0.04 -0.44	15.40 -0.14 -0.02	12.03 -0.17 -0.27	12.99 -0.52 0.00	10.78 -0.17 -0.06	12.94 -0.12 0.00	15.20 -0.15 0.00	17.02 -0.13 0.00	14.39 -0.06 -1.20	21.58 -0.13 -0.89	8.87 0.03 -1.44	10.09 0.04 -0.74	16.27 0.01 0.00	18.70 0.14 0.00	14.25 0.09 0.00
HUNTLEY___65 23559	22.42 0.33 0.00	21.24 0.34 0.00	16.93 0.13 0.00	17.94 0.39 0.00	16.62 0.31 0.00	17.99 0.33 0.00	19.58 0.42 0.00	17.58 0.17 0.00	19.60 -0.09 -0.04	15.39 -0.04 -0.44	15.40 -0.14 -0.02	12.03 -0.17 -0.27	12.99 -0.52 0.00	10.78 -0.17 -0.06	12.94 -0.12 0.00	15.20 -0.15 0.00	17.02 -0.13 0.00	14.39 -0.06 -1.20	21.58 -0.13 -0.89	8.87 0.03 -1.44	10.09 0.04 -0.74	16.27 0.01 0.00	18.70 0.14 0.00	14.25 0.09 0.00
HUNTLEY___66 23560	22.42 0.33 0.00	21.24 0.34 0.00	16.93 0.13 0.00	17.94 0.39 0.00	16.62 0.31 0.00	17.99 0.33 0.00	19.58 0.42 0.00	17.58 0.17 0.00	19.60 -0.09 -0.04	15.39 -0.04 -0.44	15.40 -0.14 -0.02	12.03 -0.17 -0.27	12.99 -0.52 0.00	10.78 -0.17 -0.06	12.94 -0.12 0.00	15.20 -0.15 0.00	17.02 -0.13 0.00	14.39 -0.06 -1.20	21.58 -0.13 -0.89	8.87 0.03 -1.44	10.09 0.04 -0.74	16.27 0.01 0.00	18.70 0.14 0.00	14.25 0.09 0.00
HUNTLEY___67 23561	22.18 0.10 0.00	21.01 0.12 0.00	16.76 -0.04 0.00	17.75 0.21 0.00	16.44 0.13 0.00	17.79 0.13 0.00	19.37 0.21 0.00	17.40 -0.01 0.00	19.41 -0.27 -0.04	15.26 -0.18 -0.44	15.26 -0.27 -0.02	11.94 -0.27 -0.27	12.87 -0.63 0.00	10.69 -0.27 -0.06	12.83 -0.23 0.00	15.07 -0.29 0.00	16.88 -0.26 0.00	14.28 -0.19 -1.22	21.41 -0.32 -0.91	8.83 -0.04 -1.47	10.00 -0.05 -0.76	16.11 -0.14 0.00	18.54 -0.02 0.00	14.13 -0.03 0.00
HUNTLEY___68 23562	22.18 0.10 0.00	21.01 0.12 0.00	16.76 -0.04 0.00	17.75 0.21 0.00	16.44 0.13 0.00	17.79 0.13 0.00	19.37 0.21 0.00	17.40 -0.01 0.00	19.41 -0.27 -0.04	15.26 -0.18 -0.44	15.26 -0.27 -0.02	11.94 -0.27 -0.27	12.87 -0.63 0.00	10.69 -0.27 -0.06	12.83 -0.23 0.00	15.07 -0.29 0.00	16.88 -0.26 0.00	14.28 -0.19 -1.22	21.41 -0.32 -0.91	8.83 -0.04 -1.47	10.00 -0.05 -0.76	16.11 -0.14 0.00	18.54 -0.02 0.00	14.13 -0.03 0.00
HYLAND___LFGE 323620	23.12 1.04 0.00	21.88 0.99 0.00	17.47 0.67 0.00	18.40 0.86 0.00	17.07 0.77 0.00	18.52 0.85 0.00	20.14 0.99 0.00	18.21 0.80 0.00	20.03 0.34 -0.04	15.50 0.02 -0.49	15.41 -0.12 -0.02	12.09 -0.14 -0.30	12.98 -0.52 0.00	10.84 -0.12 -0.06	13.03 -0.03 0.00	15.30 -0.06 0.00	17.18 0.03 0.00	14.70 0.10 -1.35	22.24 0.42 -1.01	9.46 0.43 -1.63	10.64 0.50 -0.84	17.06 0.80 0.00	19.50 0.94 0.00	14.82 0.66 0.00
INDECK___CORINTH 23802	23.24 1.16 0.00	21.96 1.07 0.00	17.75 0.95 0.00	18.50 0.96 0.00	17.20 0.89 0.00	18.66 1.00 0.00	20.29 1.13 0.00	18.53 1.12 0.00	21.44 1.21 -0.59	23.06 0.97 -7.11	16.65 0.79 -0.34	16.89 0.62 -4.34	13.86 0.36 0.00	12.11 0.43 -0.78	13.60 0.54 0.00	16.03 0.68 0.00	18.03 0.89 0.00	35.46 0.79 -21.41	38.01 1.26 -15.92	33.58 0.46 -25.72	23.17 0.62 -13.25	17.27 1.02 0.00	19.68 1.12 0.00	14.99 0.83 0.00
INDECK___ILION 23567	21.97 -0.11 0.00	20.79 -0.10 0.00	16.76 -0.04 0.00	17.51 -0.04 0.00	16.28 -0.03 0.00	17.61 -0.05 0.00	19.08 -0.07 0.00	17.31 -0.11 0.00	19.43 -0.22 0.00	14.93 -0.06 0.00	15.40 -0.11 0.00	11.82 -0.12 0.00	12.84 -0.66 0.00	10.73 -0.18 -0.01	12.95 -0.11 0.00	15.22 -0.13 0.00	17.10 -0.04 0.00	13.28 0.03 0.00	20.92 0.10 0.00	7.44 0.04 0.00	9.33 0.03 0.00	16.29 0.03 0.00	18.51 -0.05 0.00	14.12 -0.04 0.00

INDECK___OLEAN 23982	22.60 0.52 0.00	21.39 0.50 0.00	17.04 0.24 0.00	18.01 0.47 0.00	16.67 0.37 0.00	18.07 0.41 0.00	19.65 0.50 0.00	17.76 0.35 0.00	19.92 0.23 -0.05	15.71 0.20 -0.51	15.63 0.09 -0.02	12.19 -0.06 -0.31	13.06 -0.44 0.00	10.92 -0.05 -0.06	13.09 0.02 0.00	15.34 -0.01 0.00	17.22 0.07 0.00	14.65 -0.03 -1.42	21.71 -0.17 -1.06	9.11 0.01 -1.71	10.19 0.01 -0.88	16.33 0.07 0.00	18.85 0.29 0.00	14.37 0.21 0.00
INDECK___OSWEGO 23783	22.46 0.38 0.00	21.23 0.34 0.00	17.03 0.23 0.00	17.82 0.28 0.00	16.56 0.25 0.00	17.91 0.24 0.00	19.47 0.31 0.00	17.66 0.25 0.00	19.65 -0.02 -0.03	15.28 0.03 -0.26	15.47 -0.06 -0.01	12.00 -0.09 -0.16	12.96 -0.54 0.00	10.88 -0.05 -0.04	13.12 0.05 0.00	15.40 0.05 0.00	17.29 0.14 0.00	14.14 0.22 -0.67	21.78 0.46 -0.50	8.39 0.19 -0.80	9.90 0.19 -0.41	16.51 0.26 0.00	18.86 0.30 0.00	14.37 0.20 0.00
INDECK___YERKES 23781	22.40 0.32 0.00	21.26 0.37 0.00	16.95 0.15 0.00	17.96 0.41 0.00	16.64 0.33 0.00	18.03 0.36 0.00	19.60 0.44 0.00	17.61 0.19 0.00	19.62 -0.06 -0.04	15.41 -0.02 -0.44	15.41 -0.12 -0.02	12.05 -0.15 -0.27	13.00 -0.50 0.00	10.79 -0.16 -0.06	12.96 -0.10 0.00	15.21 -0.14 0.00	17.03 -0.11 0.00	14.41 -0.04 -1.20	21.61 -0.10 -0.89	8.88 0.04 -1.44	10.10 0.06 -0.74	16.28 0.03 0.00	18.72 0.16 0.00	14.27 0.11 0.00
INDIAN POINT_GT_1 24139	22.89 0.81 0.00	21.63 0.74 0.00	17.46 0.66 0.00	18.12 0.58 0.00	16.86 0.55 0.00	18.26 0.59 0.00	19.78 0.62 0.00	18.14 0.73 0.00	20.81 0.72 -0.45	21.01 0.66 -5.36	16.51 0.74 -0.26	15.80 0.60 -3.27	13.94 0.44 0.00	12.05 0.56 -0.59	13.79 0.72 0.00	16.20 0.85 0.00	18.16 1.02 0.00	30.13 0.75 -16.12	33.94 1.13 -11.99	27.17 0.39 -19.37	19.79 0.51 -9.98	17.07 0.82 0.00	19.34 0.78 0.00	14.77 0.61 0.00
INDIAN POINT_GT_2 23659	22.89 0.81 0.00	21.63 0.74 0.00	17.46 0.66 0.00	18.12 0.58 0.00	16.86 0.55 0.00	18.26 0.59 0.00	19.78 0.62 0.00	18.14 0.73 0.00	20.81 0.72 -0.45	21.01 0.66 -5.36	16.51 0.74 -0.26	15.80 0.60 -3.27	13.94 0.44 0.00	12.05 0.56 -0.59	13.79 0.72 0.00	16.20 0.85 0.00	18.16 1.02 0.00	30.13 0.75 -16.12	33.94 1.13 -11.99	27.17 0.39 -19.37	19.79 0.51 -9.98	17.07 0.82 0.00	19.34 0.78 0.00	14.77 0.61 0.00
INDIAN POINT_GT_3 24019	22.89 0.81 0.00	21.63 0.74 0.00	17.46 0.66 0.00	18.12 0.58 0.00	16.86 0.55 0.00	18.26 0.59 0.00	19.78 0.62 0.00	18.14 0.73 0.00	20.81 0.72 -0.45	21.01 0.66 -5.36	16.51 0.74 -0.26	15.80 0.60 -3.27	13.94 0.44 0.00	12.05 0.56 -0.59	13.79 0.72 0.00	16.20 0.85 0.00	18.16 1.02 0.00	30.13 0.75 -16.12	33.94 1.13 -11.99	27.17 0.39 -19.37	19.79 0.51 -9.98	17.07 0.82 0.00	19.34 0.78 0.00	14.77 0.61 0.00
INDIAN POINT___2 23530	22.88 0.80 0.00	21.61 0.72 0.00	17.45 0.65 0.00	18.10 0.56 0.00	16.84 0.53 0.00	18.24 0.57 0.00	19.76 0.60 0.00	18.12 0.71 0.00	20.78 0.70 -0.44	20.87 0.64 -5.23	16.49 0.72 -0.25	15.72 0.59 -3.19	13.93 0.43 0.00	12.03 0.55 -0.58	13.78 0.71 0.00	16.19 0.84 0.00	18.16 1.01 0.00	29.76 0.74 -15.76	33.66 1.11 -11.72	26.72 0.39 -18.93	19.56 0.50 -9.75	17.06 0.80 0.00	19.33 0.77 0.00	14.75 0.59 0.00
INDIAN POINT___3 23531	22.88 0.80 0.00	21.62 0.72 0.00	17.46 0.66 0.00	18.11 0.57 0.00	16.85 0.54 0.00	18.25 0.58 0.00	19.77 0.61 0.00	18.13 0.71 0.00	20.80 0.71 -0.45	21.00 0.64 -5.36	16.50 0.73 -0.26	15.80 0.59 -3.27	13.93 0.43 0.00	12.04 0.55 -0.59	13.78 0.71 0.00	16.19 0.84 0.00	18.15 1.01 0.00	30.13 0.74 -16.14	33.93 1.11 -12.00	27.18 0.39 -19.39	19.79 0.50 -9.99	17.06 0.80 0.00	19.32 0.76 0.00	14.76 0.60 0.00
INGHAM_C_115KV_TB7 356103	21.74 -0.34 0.00	20.58 -0.31 0.00	16.66 -0.13 0.00	17.40 -0.14 0.00	16.19 -0.12 0.00	17.49 -0.17 0.00	18.94 -0.22 0.00	17.18 -0.23 0.00	19.31 -0.34 0.00	14.82 -0.17 0.00	15.24 -0.27 0.00	11.66 -0.28 0.00	12.58 -0.93 0.00	10.53 -0.38 -0.01	12.74 -0.33 0.00	14.98 -0.37 0.00	16.93 -0.21 0.00	13.22 -0.04 0.00	20.89 0.07 0.00	7.44 0.04 0.00	9.29 -0.01 0.00	16.25 -0.01 0.00	18.37 -0.19 0.00	14.03 -0.13 0.00
IP CORINTH___1 23988	23.23 1.16 0.00	21.96 1.07 0.00	17.75 0.95 0.00	18.50 0.96 0.00	17.20 0.89 0.00	18.67 1.00 0.00	20.29 1.13 0.00	18.53 1.12 0.00	21.44 1.21 -0.59	23.07 0.97 -7.11	16.65 0.79 -0.34	16.89 0.62 -4.34	13.86 0.36 0.00	12.11 0.43 -0.78	13.60 0.54 0.00	16.03 0.68 0.00	18.03 0.89 0.00	35.46 0.79 -21.41	38.01 1.26 -15.92	33.58 0.46 -25.72	23.17 0.62 -13.25	17.27 1.02 0.00	19.68 1.12 0.00	14.99 0.83 0.00
IP___TICONDEROGA 23804	23.98 1.90 0.00	22.55 1.65 0.00	18.23 1.43 0.00	18.98 1.44 0.00	17.60 1.29 0.00	19.15 1.48 0.00	20.88 1.72 0.00	19.22 1.81 0.00	22.29 2.06 -0.59	23.65 1.56 -7.10	17.16 1.30 -0.34	17.31 1.04 -4.33	14.34 0.84 0.00	12.53 0.85 -0.78	14.07 1.00 0.00	16.55 1.20 0.00	18.68 1.54 0.00	36.08 1.44 -21.39	38.97 2.23 -15.91	33.96 0.86 -25.70	23.56 1.02 -13.24	17.97 1.72 0.00	20.31 1.75 0.00	15.42 1.26 0.00
ISLIP_RES_REC 323679	23.92 1.84 0.00	22.50 1.61 0.00	18.18 1.38 0.00	18.87 1.32 0.00	17.53 1.22 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.52 0.00	21.76 1.67 -0.45	22.08 1.37 -5.72	19.52 1.60 -2.42	19.65 1.25 -6.47	16.87 1.12 -2.25	14.90 1.12 -2.88	16.99 1.39 -2.54	20.36 1.64 -3.38	27.43 1.89 -8.39	49.71 1.35 -35.10	69.28 2.05 -46.40	51.76 0.78 -43.58	84.95 1.00 -74.64	26.21 1.68 -8.28	31.83 1.69 -11.58	25.67 1.30 -10.20
JAMAICA__27_KV_LOAD 355505	23.21 1.13 0.00	21.91 1.02 0.00	17.71 0.90 0.00	18.35 0.80 0.00	17.08 0.77 0.00	18.49 0.83 0.00	20.03 0.88 0.00	18.41 1.00 0.00	21.12 1.02 -0.45	21.32 0.87 -5.45	16.72 0.95 -0.26	16.00 0.74 -3.33	14.08 0.58 0.00	12.18 0.68 -0.60	13.93 0.86 0.00	16.34 0.99 0.00	18.32 1.17 0.00	30.50 0.84 -16.41	34.30 1.27 -12.21	27.57 0.46 -19.72	20.06 0.60 -10.16	17.24 0.98 0.00	19.57 1.00 0.00	14.95 0.79 0.00
JANIS___SOLAR 323808	22.92 0.84 0.00	21.66 0.76 0.00	17.32 0.52 0.00	18.13 0.59 0.00	16.82 0.51 0.00	18.21 0.55 0.00	19.83 0.67 0.00	18.01 0.60 0.00	20.09 0.38 -0.07	16.02 0.25 -0.77	15.57 0.03 -0.04	12.33 -0.07 -0.47	12.99 -0.52 0.00	10.92 -0.07 -0.09	13.08 0.02 0.00	15.43 0.08 0.00	17.42 0.28 0.00	15.88 0.40 -2.23	23.37 0.89 -1.66	10.46 0.38 -2.68	11.14 0.46 -1.38	17.01 0.76 0.00	19.38 0.82 0.00	14.73 0.57 0.00
JARVIS____ 23743	22.06 -0.02 0.00	20.87 -0.02 0.00	16.78 -0.02 0.00	17.53 -0.02 0.00	16.29 -0.02 0.00	17.65 -0.02 0.00	19.14 -0.02 0.00	17.34 -0.08 0.00	19.43 -0.21 0.00	14.96 -0.03 0.00	15.46 -0.05 0.00	11.88 -0.05 0.00	12.97 -0.53 0.00	10.82 -0.09 -0.01	13.04 -0.02 0.00	15.34 -0.02 0.00	17.15 0.00 0.00	13.27 0.01 0.00	20.86 0.04 0.00	7.41 0.01 0.00	9.31 0.01 0.00	16.25 0.00 0.00	18.54 -0.02 0.00	14.14 -0.01 0.00

JENNISON___1 23625	22.85 0.77 0.00	21.59 0.70 0.00	17.27 0.47 0.00	18.09 0.55 0.00	16.80 0.49 0.00	18.17 0.50 0.00	19.77 0.61 0.00	17.98 0.57 0.00	20.17 0.44 -0.09	16.41 0.41 -1.01	15.85 0.30 -0.04	12.72 0.17 -0.61	13.29 -0.21 0.00	11.17 0.16 -0.12	13.35 0.29 0.00	15.72 0.36 0.00	17.71 0.56 0.00	16.77 0.56 -2.96	23.99 0.97 -2.20	11.33 0.38 -3.55	11.59 0.46 -1.83	17.01 0.76 0.00	19.38 0.82 0.00	14.74 0.58 0.00
JENNISON___2 23626	22.85 0.77 0.00	21.59 0.70 0.00	17.27 0.47 0.00	18.09 0.55 0.00	16.80 0.49 0.00	18.17 0.50 0.00	19.77 0.61 0.00	17.98 0.57 0.00	20.17 0.44 -0.09	16.41 0.41 -1.01	15.85 0.30 -0.04	12.72 0.17 -0.61	13.29 -0.21 0.00	11.17 0.16 -0.12	13.35 0.29 0.00	15.72 0.36 0.00	17.71 0.56 0.00	16.77 0.56 -2.96	23.99 0.97 -2.20	11.33 0.38 -3.55	11.59 0.46 -1.83	17.01 0.76 0.00	19.38 0.82 0.00	14.74 0.58 0.00
JERICHO_RISE_WT_PWR 323719	22.59 0.51 0.00	21.31 0.42 0.00	17.15 0.36 0.00	17.92 0.38 0.00	16.65 0.34 0.00	18.02 0.36 0.00	19.55 0.39 0.00	17.71 0.30 0.00	20.00 0.36 0.00	15.24 0.25 0.00	15.67 0.16 0.00	12.12 0.18 0.00	13.71 0.21 0.00	10.96 0.07 0.00	12.96 -0.11 0.00	15.16 -0.19 0.00	16.83 -0.31 0.00	12.98 -0.28 0.00	20.22 -0.60 0.00	7.08 -0.32 0.00	8.89 -0.41 0.00	15.68 -0.57 0.00	18.26 -0.30 0.00	14.02 -0.14 0.00
KATONAH___115KV_46KV_TB4 355592	23.01 0.93 0.00	21.74 0.85 0.00	17.57 0.77 0.00	18.23 0.69 0.00	16.96 0.65 0.00	18.37 0.71 0.00	19.91 0.75 0.00	18.26 0.84 0.00	20.97 0.86 -0.46	21.32 0.76 -5.57	16.63 0.85 -0.27	16.01 0.68 -3.40	14.03 0.53 0.00	12.14 0.63 -0.61	13.86 0.80 0.00	16.29 0.94 0.00	18.27 1.12 0.00	30.85 0.83 -16.76	34.55 1.26 -12.47	27.98 0.45 -20.14	20.25 0.57 -10.38	17.16 0.91 0.00	19.44 0.88 0.00	14.85 0.69 0.00
KCE_NY_1 323755	23.07 0.99 0.00	21.83 0.94 0.00	17.58 0.78 0.00	18.33 0.79 0.00	17.04 0.73 0.00	18.48 0.82 0.00	20.07 0.92 0.00	18.30 0.89 0.00	21.16 0.93 -0.59	22.84 0.75 -7.10	16.55 0.70 -0.34	16.81 0.55 -4.33	13.82 0.32 0.00	12.12 0.44 -0.78	13.62 0.55 0.00	16.03 0.68 0.00	18.03 0.88 0.00	35.40 0.77 -21.37	37.94 1.23 -15.90	33.51 0.43 -25.68	23.07 0.54 -13.23	17.14 0.88 0.00	19.48 0.92 0.00	14.85 0.69 0.00
KCE_NY_6_ESR 323823	22.39 0.30 0.00	21.21 0.32 0.00	16.91 0.10 0.00	17.91 0.37 0.00	16.59 0.28 0.00	17.97 0.31 0.00	19.55 0.39 0.00	17.58 0.16 0.00	19.62 -0.07 -0.04	15.43 -0.03 -0.46	15.43 -0.10 -0.02	12.08 -0.14 -0.28	13.00 -0.50 0.00	10.81 -0.14 -0.06	12.99 -0.07 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.49 -0.03 -1.27	21.68 -0.09 -0.94	8.97 0.04 -1.53	10.14 0.06 -0.79	16.30 0.05 0.00	18.75 0.19 0.00	14.28 0.12 0.00
KEDC_PORT_JEFF_GT2 24210	23.79 1.71 0.00	22.39 1.50 0.00	18.09 1.29 0.00	18.77 1.23 0.00	17.44 1.14 0.00	18.88 1.22 0.00	20.43 1.28 0.00	18.83 1.41 0.00	21.65 1.55 -0.45	21.97 1.28 -5.70	19.25 1.49 -2.25	19.33 1.17 -6.22	16.62 1.04 -2.08	14.67 1.06 -2.71	16.72 1.31 -2.34	20.02 1.54 -3.13	26.97 1.77 -8.05	48.91 1.22 -34.44	67.04 1.84 -44.38	51.06 0.72 -42.94	84.24 0.94 -74.00	25.54 1.56 -7.73	31.62 1.57 -11.49	25.48 1.22 -10.11
KEDC_PORT_JEFF_GT3 24211	23.79 1.71 0.00	22.39 1.50 0.00	18.09 1.29 0.00	18.77 1.23 0.00	17.44 1.14 0.00	18.88 1.22 0.00	20.43 1.28 0.00	18.83 1.41 0.00	21.65 1.55 -0.45	21.97 1.28 -5.70	19.25 1.49 -2.25	19.33 1.17 -6.22	16.62 1.04 -2.08	14.67 1.06 -2.71	16.72 1.31 -2.34	20.02 1.54 -3.13	26.97 1.77 -8.05	48.91 1.22 -34.44	67.04 1.84 -44.38	51.06 0.72 -42.94	84.24 0.94 -74.00	25.54 1.56 -7.73	31.62 1.57 -11.49	25.48 1.22 -10.11
KEDC_GLWD_GT4 24219	23.28 1.20 0.00	21.96 1.07 0.00	17.73 0.93 0.00	18.39 0.85 0.00	17.10 0.80 0.00	18.52 0.86 0.00	20.06 0.91 0.00	18.43 1.02 0.00	21.18 1.09 -0.45	22.64 0.93 -6.72	27.39 1.07 -10.80	31.70 0.86 -18.90	25.00 0.72 -10.78	23.20 0.80 -11.51	26.20 1.00 -12.13	32.57 1.17 -16.05	45.27 1.37 -26.76	86.95 0.99 -72.70	173.93 1.49 -151.61	89.89 0.54 -81.95	138.71 0.69 -128.72	53.73 1.14 -36.33	39.64 1.13 -19.95	33.57 0.89 -18.52
KEDC_GLWD_GT5 24220	23.28 1.20 0.00	21.96 1.07 0.00	17.73 0.93 0.00	18.39 0.85 0.00	17.10 0.80 0.00	18.52 0.86 0.00	20.06 0.91 0.00	18.43 1.02 0.00	21.18 1.09 -0.45	22.64 0.93 -6.72	27.39 1.07 -10.80	31.70 0.86 -18.90	25.00 0.72 -10.78	23.20 0.80 -11.51	26.20 1.00 -12.13	32.57 1.17 -16.05	45.27 1.37 -26.76	86.95 0.99 -72.70	173.93 1.49 -151.61	89.89 0.54 -81.95	138.71 0.69 -128.72	53.73 1.14 -36.33	39.64 1.13 -19.95	33.57 0.89 -18.52
KENSICO____ 23655	22.96 0.88 0.00	21.69 0.80 0.00	17.51 0.72 0.00	18.17 0.62 0.00	16.90 0.59 0.00	18.31 0.65 0.00	19.83 0.68 0.00	18.20 0.78 0.00	20.89 0.80 -0.45	21.13 0.71 -5.43	16.58 0.80 -0.26	15.89 0.65 -3.31	13.99 0.49 0.00	12.10 0.60 -0.60	13.84 0.77 0.00	16.25 0.90 0.00	18.22 1.08 0.00	30.39 0.79 -16.35	34.17 1.18 -12.16	27.46 0.42 -19.64	19.96 0.54 -10.12	17.12 0.86 0.00	19.39 0.83 0.00	14.81 0.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.99 0.91 0.00	21.72 0.82 0.00	17.52 0.72 0.00	18.20 0.65 0.00	16.93 0.62 0.00	18.33 0.67 0.00	19.88 0.72 0.00	18.22 0.80 0.00	20.87 0.82 -0.40	20.55 0.70 -4.86	16.49 0.75 -0.23	15.45 0.55 -2.97	13.77 0.27 0.00	11.84 0.41 -0.54	13.61 0.55 0.00	16.01 0.66 0.00	17.98 0.84 0.00	28.54 0.64 -14.64	32.78 1.07 -10.89	25.38 0.39 -17.59	18.95 0.58 -9.06	17.17 0.92 0.00	19.46 0.90 0.00	14.83 0.67 0.00
KIAC_JFK_GT1 23816	23.08 1.01 0.00	21.79 0.90 0.00	17.61 0.82 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.31 0.90 0.00	21.01 0.91 -0.45	21.23 0.79 -5.45	16.66 0.89 -0.26	15.94 0.68 -3.33	14.01 0.51 0.00	12.12 0.62 -0.60	13.85 0.79 0.00	16.24 0.88 0.00	18.15 1.01 0.00	30.37 0.71 -16.41	34.10 1.07 -12.21	27.50 0.38 -19.72	19.97 0.51 -10.16	17.07 0.82 0.00	19.44 0.88 0.00	14.86 0.70 0.00
KIAC_JFK_GT2 23817	23.08 1.01 0.00	21.79 0.90 0.00	17.61 0.82 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.31 0.90 0.00	21.01 0.91 -0.45	21.23 0.79 -5.45	16.66 0.89 -0.26	15.94 0.68 -3.33	14.01 0.51 0.00	12.12 0.62 -0.60	13.85 0.79 0.00	16.24 0.88 0.00	18.15 1.01 0.00	30.37 0.71 -16.41	34.10 1.07 -12.21	27.50 0.38 -19.72	19.97 0.51 -10.16	17.07 0.82 0.00	19.44 0.88 0.00	14.86 0.70 0.00
KIAC_JFK____ 323774	23.09 1.01 0.00	21.79 0.90 0.00	17.61 0.82 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.72 0.00	19.93 0.77 0.00	18.31 0.90 0.00	21.01 0.91 -0.45	21.23 0.79 -5.45	16.66 0.89 -0.26	15.94 0.68 -3.33	14.01 0.51 0.00	12.12 0.62 -0.60	13.85 0.79 0.00	16.24 0.89 0.00	18.15 1.01 0.00	30.37 0.71 -16.41	34.10 1.07 -12.21	27.50 0.38 -19.72	19.97 0.51 -10.16	17.07 0.82 0.00	19.44 0.88 0.00	14.87 0.71 0.00

KINTIGH____ 23543	22.10 0.02 0.00	20.95 0.06 0.00	16.73 -0.07 0.00	17.68 0.14 0.00	16.38 0.08 0.00	17.73 0.07 0.00	19.29 0.14 0.00	17.37 -0.05 0.00	19.38 -0.30 -0.04	15.20 -0.18 -0.39	15.24 -0.29 -0.02	11.89 -0.28 -0.24	12.83 -0.67 0.00	10.67 -0.28 -0.05	12.82 -0.24 0.00	15.06 -0.29 0.00	16.86 -0.28 0.00	14.12 -0.18 -1.05	21.31 -0.29 -0.78	8.62 -0.04 -1.26	9.89 -0.06 -0.65	16.09 -0.16 0.00	18.50 -0.06 0.00	14.10 -0.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.92 0.84 0.00	21.61 0.71 0.00	17.39 0.59 0.00	18.16 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.65 0.00	17.98 0.57 0.00	20.30 0.65 0.00	15.47 0.48 0.00	15.87 0.36 0.00	12.26 0.33 0.00	13.84 0.34 0.00	11.08 0.19 0.00	13.10 0.03 0.00	15.32 -0.03 0.00	17.04 -0.10 0.00	13.17 -0.09 0.00	20.53 -0.29 0.00	7.20 -0.20 0.00	9.02 -0.28 0.00	15.89 -0.36 0.00	18.48 -0.08 0.00	14.20 0.04 0.00
LACHUTE__HYDRO 323717	23.98 1.90 0.00	22.55 1.65 0.00	18.23 1.43 0.00	18.98 1.44 0.00	17.60 1.29 0.00	19.14 1.48 0.00	20.88 1.72 0.00	19.22 1.81 0.00	22.29 2.06 -0.59	23.65 1.56 -7.10	17.16 1.30 -0.34	17.31 1.04 -4.33	14.34 0.84 0.00	12.53 0.85 -0.78	14.07 1.00 0.00	16.55 1.20 0.00	18.68 1.54 0.00	36.08 1.44 -21.39	38.97 2.23 -15.91	33.96 0.86 -25.70	23.56 1.02 -13.24	17.97 1.72 0.00	20.31 1.75 0.00	15.42 1.26 0.00
LAWRNCV_115KV_TB1 80681	21.76 -0.32 0.00	20.59 -0.30 0.00	16.55 -0.25 0.00	17.27 -0.27 0.00	16.05 -0.26 0.00	17.38 -0.28 0.00	18.87 -0.29 0.00	17.12 -0.29 0.00	19.29 -0.36 0.00	14.70 -0.30 0.00	15.18 -0.33 0.00	11.67 -0.26 0.00	13.24 -0.27 0.00	10.66 -0.24 0.00	12.74 -0.33 0.00	14.96 -0.40 0.00	16.61 -0.54 0.00	12.83 -0.42 0.00	20.18 -0.64 0.00	7.16 -0.24 0.00	9.00 -0.30 0.00	15.78 -0.47 0.00	18.13 -0.44 0.00	13.82 -0.34 0.00
LEDERLE____ 23769	22.97 0.89 0.00	21.70 0.80 0.00	17.51 0.71 0.00	18.17 0.62 0.00	16.90 0.59 0.00	18.30 0.64 0.00	19.83 0.68 0.00	18.20 0.78 0.00	20.85 0.78 -0.42	20.80 0.70 -5.11	16.54 0.78 -0.25	15.69 0.64 -3.12	13.98 0.48 0.00	12.06 0.60 -0.56	13.84 0.78 0.00	16.27 0.91 0.00	18.25 1.11 0.00	29.47 0.83 -15.38	33.51 1.25 -11.44	26.31 0.43 -18.48	19.37 0.55 -9.52	17.14 0.88 0.00	19.41 0.85 0.00	14.81 0.65 0.00
LIGHTHSE_115KV_TB6 355974	22.33 0.24 0.00	21.11 0.22 0.00	16.93 0.13 0.00	17.70 0.16 0.00	16.45 0.14 0.00	17.77 0.11 0.00	19.32 0.16 0.00	17.54 0.12 0.00	19.52 -0.14 -0.02	15.12 -0.10 -0.23	15.31 -0.22 -0.01	11.82 -0.25 -0.14	12.80 -0.70 0.00	10.73 -0.20 -0.03	12.92 -0.14 0.00	15.16 -0.19 0.00	17.00 -0.14 0.00	13.87 0.02 -0.59	21.46 0.20 -0.44	8.20 0.08 -0.71	9.71 0.05 -0.37	16.25 -0.01 0.00	18.61 0.04 0.00	14.18 0.02 0.00
LINDEN COGEN____ 23786	22.98 0.90 0.00	21.68 0.79 0.00	17.52 0.72 0.00	18.11 0.57 0.00	16.86 0.55 0.00	18.24 0.58 0.00	19.78 0.62 0.00	18.17 0.76 0.00	20.84 0.74 -0.45	21.12 0.68 -5.45	15.22 0.79 1.08	15.03 0.64 -2.45	13.90 0.50 0.10	12.12 0.62 -0.60	13.85 0.79 0.00	16.26 0.91 0.00	18.24 1.09 0.00	30.44 0.77 -16.41	34.14 1.11 -12.21	27.52 0.40 -19.72	19.99 0.52 -10.16	17.08 0.83 0.00	19.35 0.78 0.00	14.79 0.63 0.00
LINDHRST_69_KV_BK1 356055	23.72 1.64 0.00	22.33 1.44 0.00	18.02 1.23 0.00	18.70 1.16 0.00	17.38 1.07 0.00	18.82 1.16 0.00	20.37 1.22 0.00	18.75 1.34 0.00	21.57 1.47 -0.45	22.19 1.22 -5.98	21.52 1.40 -4.60	22.77 1.11 -9.73	18.96 0.98 -4.47	17.04 1.02 -5.12	19.36 1.26 -5.03	23.48 1.46 -6.67	31.66 1.70 -12.82	58.51 1.23 -44.02	95.78 1.83 -73.13	60.30 0.68 -52.22	93.99 0.90 -83.79	33.27 1.48 -15.53	32.95 1.51 -12.88	27.03 1.18 -11.69
LIPA_MISC_IPP 23656	23.81 1.73 0.00	22.40 1.51 0.00	18.11 1.31 0.00	18.79 1.25 0.00	17.46 1.15 0.00	18.91 1.25 0.00	20.44 1.28 0.00	18.85 1.43 0.00	21.67 1.57 -0.45	21.98 1.29 -5.69	19.21 1.52 -2.18	19.24 1.19 -6.11	16.56 1.05 -2.01	14.60 1.06 -2.63	16.65 1.32 -2.26	19.93 1.56 -3.02	26.84 1.79 -7.91	48.67 1.27 -34.14	66.26 1.93 -43.51	50.79 0.73 -42.66	83.94 0.95 -73.69	25.34 1.59 -7.50	31.61 1.60 -11.45	25.45 1.23 -10.06
LISF__SOLAR 323691	23.85 1.77 0.00	22.44 1.55 0.00	18.14 1.34 0.00	18.82 1.28 0.00	17.49 1.19 0.00	18.93 1.27 0.00	20.48 1.32 0.00	18.88 1.47 0.00	21.70 1.60 -0.45	22.01 1.32 -5.69	19.27 1.55 -2.21	19.31 1.21 -6.16	16.61 1.07 -2.04	14.64 1.08 -2.67	16.70 1.34 -2.30	19.99 1.58 -3.06	26.93 1.82 -7.97	48.81 1.30 -34.26	66.65 1.98 -43.85	50.92 0.75 -42.77	84.08 0.97 -73.80	25.47 1.63 -7.59	31.66 1.64 -11.46	25.50 1.26 -10.08
LITTLE FALLS__HYD 24013	21.74 -0.34 0.00	20.58 -0.31 0.00	16.66 -0.13 0.00	17.40 -0.14 0.00	16.19 -0.12 0.00	17.49 -0.17 0.00	18.94 -0.22 0.00	17.18 -0.23 0.00	19.31 -0.34 0.00	14.82 -0.17 0.00	15.24 -0.27 0.00	11.66 -0.28 0.00	12.58 -0.93 0.00	10.53 -0.38 -0.01	12.74 -0.33 0.00	14.98 -0.37 0.00	16.93 -0.21 0.00	13.22 -0.04 0.00	20.89 0.07 0.00	7.44 0.04 0.00	9.29 -0.01 0.00	16.25 -0.01 0.00	18.37 -0.19 0.00	14.03 -0.13 0.00
LITTLRIV_115KV_TB1 356100	21.97 -0.11 0.00	20.79 -0.11 0.00	16.69 -0.10 0.00	17.43 -0.12 0.00	16.20 -0.11 0.00	17.54 -0.12 0.00	19.06 -0.10 0.00	17.30 -0.11 0.00	19.47 -0.17 0.00	14.82 -0.18 0.00	15.28 -0.24 0.00	11.74 -0.19 0.00	13.33 -0.17 0.00	10.73 -0.17 0.00	12.82 -0.24 0.00	15.06 -0.29 0.00	16.73 -0.42 0.00	12.93 -0.33 0.00	20.38 -0.43 0.00	7.25 -0.15 0.00	9.11 -0.19 0.00	15.97 -0.28 0.00	18.34 -0.22 0.00	13.97 -0.19 0.00
LI_NEWBRDGE__DRP 323616	23.27 1.19 0.00	21.93 1.04 0.00	17.71 0.91 0.00	18.38 0.83 0.00	17.08 0.77 0.00	18.50 0.84 0.00	20.02 0.87 0.00	18.41 1.00 0.00	21.17 1.07 -0.45	21.42 0.92 -5.51	17.26 1.09 -0.67	16.68 0.87 -3.87	14.71 0.73 -0.48	12.79 0.81 -1.09	14.61 1.01 -0.54	17.25 1.16 -0.74	23.35 1.35 -4.86	42.21 0.95 -28.01	47.27 1.42 -25.03	44.67 0.52 -36.74	77.59 0.69 -67.60	19.92 1.14 -2.52	30.31 1.11 -10.63	24.20 0.89 -9.15
LOCKPORT_115KV_TB60_63_64 80432	22.19 0.11 0.00	21.04 0.15 0.00	16.78 -0.02 0.00	17.78 0.23 0.00	16.47 0.16 0.00	17.82 0.16 0.00	19.39 0.23 0.00	17.41 -0.01 0.00	19.41 -0.27 -0.04	15.23 -0.18 -0.42	15.24 -0.29 -0.02	11.90 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.81 -0.26 0.00	15.04 -0.31 0.00	16.84 -0.31 0.00	14.20 -0.20 -1.15	21.35 -0.32 -0.85	8.75 -0.03 -1.38	9.98 -0.04 -0.71	16.13 -0.12 0.00	18.55 -0.01 0.00	14.15 -0.02 0.00
LOCKPORT__CC1 323769	22.14 0.07 0.00	21.02 0.13 0.00	16.77 -0.03 0.00	17.77 0.22 0.00	16.46 0.15 0.00	17.82 0.16 0.00	19.38 0.22 0.00	17.40 -0.01 0.00	19.41 -0.27 -0.04	15.23 -0.18 -0.42	15.24 -0.29 -0.02	11.91 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.81 -0.26 0.00	15.03 -0.32 0.00	16.83 -0.31 0.00	14.21 -0.20 -1.16	21.35 -0.33 -0.86	8.76 -0.04 -1.39	9.98 -0.04 -0.72	16.12 -0.14 0.00	18.54 -0.02 0.00	14.13 -0.03 0.00

LOCKPORT___CC2 323770	22.14 0.07 0.00	21.02 0.13 0.00	16.77 -0.03 0.00	17.77 0.22 0.00	16.46 0.15 0.00	17.82 0.16 0.00	19.38 0.22 0.00	17.40 -0.01 0.00	19.41 -0.27 -0.04	15.23 -0.18 -0.42	15.24 -0.29 -0.02	11.91 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.81 -0.26 0.00	15.03 -0.32 0.00	16.83 -0.31 0.00	14.21 -0.20 -1.16	21.35 -0.33 -0.86	8.76 -0.04 -1.39	9.98 -0.04 -0.72	16.12 -0.14 0.00	18.54 -0.02 0.00	14.13 -0.03 0.00
LOCKPORT___CC3 323771	22.14 0.07 0.00	21.02 0.13 0.00	16.77 -0.03 0.00	17.77 0.22 0.00	16.46 0.15 0.00	17.82 0.16 0.00	19.38 0.22 0.00	17.40 -0.01 0.00	19.41 -0.27 -0.04	15.23 -0.18 -0.42	15.24 -0.29 -0.02	11.91 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.81 -0.26 0.00	15.03 -0.32 0.00	16.83 -0.31 0.00	14.21 -0.20 -1.16	21.35 -0.33 -0.86	8.76 -0.04 -1.39	9.98 -0.04 -0.72	16.12 -0.14 0.00	18.54 -0.02 0.00	14.13 -0.03 0.00
LONG_LAKE_PHOENIX 24014	22.40 0.32 0.00	21.16 0.27 0.00	16.98 0.18 0.00	17.77 0.22 0.00	16.51 0.19 0.00	17.87 0.20 0.00	19.42 0.25 0.00	17.60 0.19 0.00	19.59 -0.08 -0.03	15.26 0.00 -0.27	15.45 -0.08 -0.01	12.01 -0.09 -0.16	12.96 -0.55 0.00	10.88 -0.06 -0.04	13.12 0.05 0.00	15.41 0.06 0.00	17.29 0.14 0.00	14.14 0.21 -0.67	21.73 0.41 -0.50	8.38 0.17 -0.81	9.90 0.17 -0.42	16.50 0.25 0.00	18.83 0.27 0.00	14.35 0.19 0.00
LOVETT___3 23632	22.86 0.78 0.00	21.60 0.71 0.00	17.44 0.64 0.00	18.09 0.54 0.00	16.82 0.52 0.00	18.23 0.56 0.00	19.74 0.58 0.00	18.11 0.69 0.00	20.76 0.68 -0.43	20.76 0.62 -5.14	16.47 0.70 -0.25	15.65 0.58 -3.14	13.92 0.41 0.00	12.01 0.54 -0.57	13.77 0.71 0.00	16.18 0.83 0.00	18.15 1.00 0.00	29.48 0.74 -15.48	33.45 1.11 -11.51	26.38 0.39 -18.60	19.38 0.50 -9.58	17.04 0.79 0.00	19.32 0.75 0.00	14.74 0.58 0.00
LOVETT___4 23642	22.86 0.78 0.00	21.60 0.71 0.00	17.44 0.64 0.00	18.09 0.54 0.00	16.82 0.52 0.00	18.23 0.56 0.00	19.74 0.58 0.00	18.11 0.69 0.00	20.76 0.68 -0.43	20.76 0.62 -5.14	16.47 0.70 -0.25	15.65 0.58 -3.14	13.92 0.41 0.00	12.01 0.54 -0.57	13.77 0.71 0.00	16.18 0.83 0.00	18.15 1.00 0.00	29.48 0.74 -15.48	33.45 1.11 -11.51	26.38 0.39 -18.60	19.38 0.50 -9.58	17.04 0.79 0.00	19.32 0.75 0.00	14.74 0.58 0.00
LOVETT___5 23593	22.86 0.78 0.00	21.60 0.71 0.00	17.44 0.64 0.00	18.09 0.54 0.00	16.82 0.52 0.00	18.23 0.56 0.00	19.74 0.58 0.00	18.11 0.69 0.00	20.76 0.68 -0.43	20.76 0.62 -5.14	16.47 0.70 -0.25	15.65 0.58 -3.14	13.92 0.41 0.00	12.01 0.54 -0.57	13.77 0.71 0.00	16.18 0.83 0.00	18.15 1.00 0.00	29.48 0.74 -15.48	33.45 1.11 -11.51	26.38 0.39 -18.60	19.38 0.50 -9.58	17.04 0.79 0.00	19.32 0.75 0.00	14.74 0.58 0.00
LOWER RAQUET___HYD 24057	21.69 -0.40 0.00	20.52 -0.37 0.00	16.49 -0.31 0.00	17.21 -0.34 0.00	15.99 -0.32 0.00	17.31 -0.35 0.00	18.80 -0.36 0.00	17.06 -0.35 0.00	19.22 -0.42 0.00	14.64 -0.35 0.00	15.11 -0.40 0.00	11.62 -0.32 0.00	13.17 -0.34 0.00	10.60 -0.30 0.00	12.67 -0.39 0.00	14.88 -0.47 0.00	16.52 -0.62 0.00	12.77 -0.48 0.00	20.10 -0.72 0.00	7.13 -0.27 0.00	8.95 -0.35 0.00	15.70 -0.55 0.00	18.04 -0.52 0.00	13.76 -0.40 0.00
LOWER___HUDSON 24059	22.64 0.56 0.00	21.43 0.54 0.00	17.28 0.48 0.00	17.99 0.45 0.00	16.75 0.43 0.00	18.15 0.48 0.00	19.67 0.52 0.00	17.96 0.55 0.00	20.72 0.50 -0.58	22.47 0.45 -7.02	16.26 0.41 -0.34	16.55 0.33 -4.28	13.61 0.11 0.00	11.95 0.27 -0.77	13.42 0.36 0.00	15.79 0.44 0.00	17.73 0.58 0.00	34.90 0.49 -21.15	37.35 0.80 -15.73	33.10 0.28 -25.41	22.75 0.35 -13.09	16.81 0.56 0.00	19.07 0.51 0.00	14.58 0.42 0.00
LOWVILLE_115KV_TB2 356335	22.28 0.20 0.00	21.10 0.20 0.00	16.92 0.12 0.00	17.63 0.08 0.00	16.39 0.08 0.00	17.67 0.00 0.00	19.17 0.02 0.00	17.44 0.02 0.00	19.50 -0.16 -0.01	15.04 -0.06 -0.11	15.37 -0.15 -0.01	11.69 -0.31 -0.07	12.80 -0.71 0.00	10.63 -0.29 -0.02	12.81 -0.26 0.00	15.07 -0.29 0.00	16.89 -0.26 0.00	13.21 -0.04 0.00	20.95 0.13 0.00	7.40 0.00 0.00	9.18 -0.12 0.00	15.88 -0.38 0.00	18.16 -0.40 0.00	13.91 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.05 0.97 0.00	21.82 0.93 0.00	17.59 0.79 0.00	18.33 0.79 0.00	17.05 0.74 0.00	18.49 0.83 0.00	20.07 0.91 0.00	18.31 0.90 0.00	21.16 0.92 -0.59	22.85 0.76 -7.10	16.56 0.70 -0.34	16.81 0.54 -4.33	13.82 0.32 0.00	12.12 0.43 -0.78	13.62 0.56 0.00	16.03 0.68 0.00	18.01 0.87 0.00	35.38 0.75 -21.37	37.92 1.20 -15.90	33.51 0.43 -25.68	23.07 0.54 -13.23	17.14 0.88 0.00	19.47 0.91 0.00	14.85 0.69 0.00
LUTHERNY_35_KV_BK2 355980	23.06 0.98 0.00	21.84 0.94 0.00	17.58 0.78 0.00	18.33 0.79 0.00	17.04 0.73 0.00	18.48 0.82 0.00	20.07 0.92 0.00	18.31 0.89 0.00	21.16 0.93 -0.59	22.84 0.75 -7.10	16.55 0.70 -0.34	16.81 0.55 -4.33	13.81 0.32 0.00	12.12 0.44 -0.78	13.62 0.55 0.00	16.03 0.68 0.00	18.03 0.88 0.00	35.40 0.77 -21.37	37.95 1.23 -15.90	33.51 0.43 -25.68	23.07 0.54 -13.23	17.14 0.88 0.00	19.48 0.92 0.00	14.85 0.69 0.00
LWR___OSWEGATCHIE_HYD 23850	21.94 -0.14 0.00	20.76 -0.13 0.00	16.67 -0.13 0.00	17.38 -0.16 0.00	16.16 -0.15 0.00	17.45 -0.21 0.00	18.95 -0.20 0.00	17.22 -0.19 0.00	19.32 -0.33 0.00	14.74 -0.25 0.00	15.17 -0.34 0.00	11.58 -0.36 0.00	12.94 -0.56 0.00	10.58 -0.34 -0.01	12.69 -0.38 0.00	14.91 -0.44 0.00	16.64 -0.50 0.00	12.95 -0.30 0.00	20.49 -0.33 0.00	7.26 -0.14 0.00	9.06 -0.24 0.00	15.77 -0.48 0.00	18.08 -0.48 0.00	13.81 -0.35 0.00
LYONS_FALL_HYD 23570	22.35 0.27 0.00	21.16 0.26 0.00	16.98 0.18 0.00	17.70 0.16 0.00	16.45 0.14 0.00	17.78 0.12 0.00	19.30 0.14 0.00	17.53 0.11 0.00	19.61 -0.05 -0.01	15.14 0.05 -0.10	15.49 -0.03 0.00	11.84 -0.16 -0.06	12.92 -0.58 0.00	10.76 -0.16 -0.02	12.97 -0.10 0.00	15.26 -0.10 0.00	17.10 -0.05 0.00	13.34 0.08 0.00	21.10 0.28 0.00	7.47 0.07 0.00	9.31 0.01 0.00	16.15 -0.10 0.00	18.45 -0.11 0.00	14.09 -0.07 0.00
MADISON___COUNTY_LFGE 323628	22.55 0.47 0.00	21.31 0.42 0.00	17.10 0.30 0.00	17.87 0.33 0.00	16.60 0.29 0.00	17.99 0.32 0.00	19.53 0.38 0.00	17.71 0.30 0.00	19.79 0.12 -0.02	15.35 0.18 -0.18	15.62 0.10 -0.01	12.07 0.02 -0.11	13.07 -0.43 0.00	10.93 0.01 -0.03	13.19 0.12 0.00	15.51 0.16 0.00	17.40 0.26 0.00	13.99 0.27 -0.46	21.70 0.54 -0.34	8.17 0.21 -0.55	9.81 0.22 -0.28	16.58 0.33 0.00	18.90 0.34 0.00	14.40 0.24 0.00
MALONE___115KV_TB1 356076	22.57 0.49 0.00	21.32 0.42 0.00	17.13 0.33 0.00	17.90 0.36 0.00	16.63 0.32 0.00	18.00 0.34 0.00	19.55 0.39 0.00	17.72 0.31 0.00	20.04 0.39 0.00	15.26 0.27 0.00	15.70 0.19 0.00	12.12 0.18 0.00	13.70 0.20 0.00	10.96 0.07 0.00	12.98 -0.08 0.00	15.22 -0.13 0.00	16.90 -0.25 0.00	13.05 -0.21 0.00	20.42 -0.40 0.00	7.18 -0.22 0.00	9.02 -0.28 0.00	15.89 -0.37 0.00	18.42 -0.14 0.00	14.10 -0.06 0.00

MAPLEWOD_115KV_TB3 80458	22.48 0.40 0.00	21.31 0.41 0.00	17.17 0.37 0.00	17.87 0.33 0.00	16.65 0.34 0.00	18.04 0.37 0.00	19.53 0.37 0.00	17.83 0.42 0.00	20.58 0.36 -0.58	22.34 0.35 -7.00	16.19 0.34 -0.34	16.47 0.27 -4.27	13.57 0.07 0.00	11.90 0.23 -0.77	13.38 0.31 0.00	15.73 0.38 0.00	17.65 0.51 0.00	34.75 0.42 -21.08	37.19 0.69 -15.68	32.97 0.24 -25.32	22.65 0.30 -13.05	16.73 0.48 0.00	18.96 0.40 0.00	14.51 0.35 0.00
MAPLE_RIDGE_WT_1 323574	21.81 -0.27 0.00	20.65 -0.24 0.00	16.58 -0.22 0.00	17.29 -0.26 0.00	16.10 -0.21 0.00	17.42 -0.24 0.00	18.88 -0.28 0.00	17.10 -0.31 0.00	19.20 -0.44 0.00	14.83 -0.17 0.00	15.32 -0.19 0.00	11.66 -0.28 0.00	12.78 -0.72 0.00	10.69 -0.21 0.00	12.92 -0.15 0.00	15.21 -0.15 0.00	17.02 -0.13 0.00	13.21 -0.04 0.00	20.70 -0.12 0.00	7.29 -0.11 0.00	9.10 -0.20 0.00	15.79 -0.46 0.00	18.06 -0.50 0.00	13.81 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	21.81 -0.27 0.00	20.65 -0.24 0.00	16.58 -0.22 0.00	17.29 -0.26 0.00	16.10 -0.21 0.00	17.42 -0.24 0.00	18.88 -0.28 0.00	17.10 -0.31 0.00	19.20 -0.44 0.00	14.83 -0.17 0.00	15.32 -0.19 0.00	11.66 -0.28 0.00	12.78 -0.72 0.00	10.69 -0.21 0.00	12.92 -0.15 0.00	15.21 -0.15 0.00	17.02 -0.13 0.00	13.21 -0.04 0.00	20.70 -0.12 0.00	7.29 -0.11 0.00	9.10 -0.20 0.00	15.79 -0.46 0.00	18.06 -0.50 0.00	13.81 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	22.64 0.56 0.00	21.37 0.48 0.00	17.20 0.40 0.00	17.97 0.42 0.00	16.69 0.38 0.00	18.06 0.40 0.00	19.59 0.43 0.00	17.76 0.34 0.00	20.04 0.40 0.00	15.27 0.28 0.00	15.69 0.18 0.00	12.13 0.20 0.00	13.71 0.21 0.00	10.97 0.07 0.00	12.97 -0.10 0.00	15.17 -0.18 0.00	16.85 -0.30 0.00	12.99 -0.26 0.00	20.25 -0.57 0.00	7.08 -0.32 0.00	8.88 -0.42 0.00	15.68 -0.58 0.00	18.26 -0.30 0.00	14.03 -0.13 0.00
MARSHVLE_115KV_TB1 80742	23.82 1.74 0.00	22.63 1.74 0.00	18.10 1.30 0.00	18.93 1.38 0.00	17.62 1.31 0.00	19.04 1.38 0.00	20.66 1.50 0.00	18.60 1.19 0.00	21.48 1.24 -0.60	23.17 1.03 -7.15	16.83 0.95 -0.36	16.94 0.65 -4.36	14.04 0.54 0.00	12.25 0.56 -0.79	13.76 0.70 0.00	16.14 0.79 0.00	17.98 0.84 0.00	35.49 0.70 -21.53	38.25 1.41 -16.02	33.77 0.50 -25.87	23.26 0.63 -13.33	17.42 1.17 0.00	19.98 1.42 0.00	15.17 1.01 0.00
MARSH_HILL_WT_PWR 323713	22.49 0.40 0.00	21.33 0.44 0.00	17.07 0.27 0.00	18.03 0.49 0.00	16.72 0.41 0.00	18.11 0.45 0.00	19.63 0.25 0.00	17.67 0.25 0.00	19.56 -0.13 -0.05	15.50 -0.07 -0.57	15.42 -0.12 -0.03	12.16 -0.13 -0.35	12.99 -0.51 0.00	10.88 -0.09 -0.07	13.08 0.01 0.00	15.34 -0.01 0.00	17.26 0.11 0.00	14.99 0.12 -1.61	22.22 0.20 -1.20	9.47 0.13 -1.94	10.40 0.10 -1.00	16.46 0.20 0.00	18.97 0.40 0.00	14.50 0.34 0.00
MCINTYRE_115KV_TB2 80467	22.16 0.08 0.00	20.97 0.08 0.00	16.85 0.04 0.00	17.59 0.04 0.00	16.35 0.03 0.00	17.71 0.04 0.00	19.24 0.09 0.00	17.47 0.05 0.00	19.65 0.01 0.00	14.92 -0.07 0.00	15.38 -0.14 0.00	11.83 -0.11 0.00	13.45 -0.05 0.00	10.82 -0.08 0.00	12.92 -0.14 0.00	15.18 -0.17 0.00	16.85 -0.29 0.00	13.01 -0.24 0.00	20.56 -0.26 0.00	7.33 -0.07 0.00	9.22 -0.09 0.00	16.16 -0.09 0.00	18.55 -0.01 0.00	14.13 -0.03 0.00
MECO____69_KV_BK1 80468	24.28 2.20 0.00	23.01 2.12 0.00	18.42 1.62 0.00	19.25 1.71 0.00	17.92 1.61 0.00	19.40 1.74 0.00	21.09 1.93 0.00	19.03 1.61 0.00	21.88 1.64 -0.60	23.29 1.15 -7.15	16.69 0.81 -0.36	16.63 0.33 -4.36	13.44 -0.06 0.00	11.86 0.17 -0.79	13.21 0.15 0.00	15.62 0.27 0.00	17.61 0.47 0.00	35.77 0.98 -21.53	39.21 2.37 -16.02	34.06 0.79 -25.87	23.63 1.00 -13.33	18.00 1.74 0.00	20.49 1.93 0.00	15.54 1.38 0.00
MENANDS_115KV_TB5 355628	22.34 0.26 0.00	21.18 0.29 0.00	17.07 0.27 0.00	17.77 0.22 0.00	16.55 0.24 0.00	17.93 0.27 0.00	19.41 0.25 0.00	17.73 0.32 0.00	20.46 0.24 -0.58	22.24 0.25 -6.99	16.10 0.25 -0.34	16.40 0.20 -4.26	13.51 0.01 0.00	11.85 0.18 -0.77	13.32 0.25 0.00	15.66 0.30 0.00	17.56 0.42 0.00	34.65 0.34 -21.06	37.03 0.55 -15.66	32.89 0.19 -25.30	22.58 0.24 -13.03	16.63 0.37 0.00	18.84 0.28 0.00	14.42 0.26 0.00
MG INDUSTRY__DRP 24185	22.53 0.45 0.00	21.36 0.47 0.00	17.20 0.40 0.00	17.93 0.38 0.00	16.70 0.39 0.00	18.08 0.41 0.00	19.56 0.40 0.00	17.85 0.43 0.00	20.59 0.38 -0.57	22.22 0.35 -6.88	16.18 0.34 -0.33	16.39 0.26 -4.20	13.58 0.08 0.00	11.89 0.24 -0.76	13.38 0.31 0.00	15.74 0.39 0.00	17.65 0.51 0.00	34.38 0.41 -20.71	36.90 0.67 -15.41	32.52 0.24 -24.88	22.42 0.30 -12.82	16.73 0.48 0.00	18.97 0.41 0.00	14.52 0.36 0.00
MID__OSWEGATCHIE_HYD 23849	21.94 -0.14 0.00	20.76 -0.13 0.00	16.67 -0.13 0.00	17.38 -0.16 0.00	16.16 -0.15 0.00	17.45 -0.21 0.00	18.95 -0.20 0.00	17.22 -0.19 0.00	19.32 -0.33 0.00	14.74 -0.25 0.00	15.17 -0.34 0.00	11.58 -0.36 0.00	12.94 -0.56 0.00	10.58 -0.34 -0.01	12.69 -0.38 0.00	14.91 -0.44 0.00	16.64 -0.50 0.00	12.95 -0.30 0.00	20.49 -0.33 0.00	7.26 -0.14 0.00	9.06 -0.24 0.00	15.77 -0.48 0.00	18.08 -0.48 0.00	13.81 -0.35 0.00
MID__RAQUETTE_HYD 23851	21.68 -0.40 0.00	20.52 -0.37 0.00	16.49 -0.31 0.00	17.21 -0.34 0.00	15.99 -0.32 0.00	17.31 -0.35 0.00	18.80 -0.36 0.00	17.06 -0.35 0.00	19.22 -0.42 0.00	14.64 -0.35 0.00	15.11 -0.40 0.00	11.62 -0.32 0.00	13.17 -0.34 0.00	10.60 -0.30 0.00	12.67 -0.39 0.00	14.88 -0.48 0.00	16.52 -0.62 0.00	12.77 -0.48 0.00	20.10 -0.72 0.00	7.13 -0.27 0.00	8.95 -0.35 0.00	15.70 -0.55 0.00	18.04 -0.52 0.00	13.76 -0.40 0.00
MILLIKEN__1 23584	22.52 0.45 0.00	21.29 0.40 0.00	17.04 0.24 0.00	17.84 0.30 0.00	16.58 0.27 0.00	17.95 0.29 0.00	19.52 0.36 0.00	17.71 0.29 0.00	19.75 0.05 -0.05	15.64 0.08 -0.57	15.49 -0.05 -0.03	12.22 -0.07 -0.35	13.01 -0.50 0.00	10.94 -0.03 -0.07	13.12 0.06 0.00	15.45 0.09 0.00	17.36 0.21 0.00	15.14 0.28 -1.61	22.56 0.55 -1.20	9.55 0.22 -1.93	10.57 0.27 -1.00	16.67 0.42 0.00	19.01 0.45 0.00	14.45 0.29 0.00
MILLIKEN__2 23585	22.52 0.45 0.00	21.29 0.40 0.00	17.04 0.24 0.00	17.84 0.30 0.00	16.58 0.27 0.00	17.95 0.29 0.00	19.52 0.36 0.00	17.71 0.29 0.00	19.75 0.05 -0.05	15.64 0.08 -0.57	15.49 -0.05 -0.03	12.22 -0.07 -0.35	13.01 -0.50 0.00	10.94 -0.03 -0.07	13.12 0.06 0.00	15.45 0.09 0.00	17.36 0.21 0.00	15.14 0.28 -1.61	22.56 0.55 -1.20	9.55 0.22 -1.93	10.57 0.27 -1.00	16.67 0.42 0.00	19.01 0.45 0.00	14.45 0.29 0.00
MILLIKEN__DIESEL 23629	22.52 0.45 0.00	21.29 0.40 0.00	17.04 0.24 0.00	17.84 0.30 0.00	16.58 0.27 0.00	17.95 0.29 0.00	19.52 0.36 0.00	17.71 0.29 0.00	19.75 0.05 -0.05	15.64 0.08 -0.57	15.49 -0.05 -0.03	12.22 -0.07 -0.35	13.01 -0.50 0.00	10.94 -0.03 -0.07	13.12 0.06 0.00	15.45 0.09 0.00	17.36 0.21 0.00	15.14 0.28 -1.61	22.56 0.55 -1.20	9.55 0.22 -1.93	10.57 0.27 -1.00	16.67 0.42 0.00	19.01 0.45 0.00	14.45 0.29 0.00

MILLSEAT___LFGE 323607	22.45 0.37 0.00	21.30 0.41 0.00	16.99 0.19 0.00	17.97 0.43 0.00	16.66 0.35 0.00	18.05 0.39 0.00	19.63 0.47 0.00	17.66 0.24 0.00	19.67 -0.01 -0.04	15.38 -0.02 -0.41	15.38 -0.15 -0.02	11.99 -0.19 -0.25	12.95 -0.55 0.00	10.79 -0.16 -0.05	12.93 -0.14 0.00	15.19 -0.17 0.00	17.02 -0.13 0.00	14.36 0.00 -1.11	21.72 0.07 -0.83	8.85 0.12 -1.33	10.13 0.14 -0.69	16.42 0.16 0.00	18.85 0.29 0.00	14.35 0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.92 0.83 0.00	21.65 0.76 0.00	17.49 0.69 0.00	18.14 0.59 0.00	16.88 0.57 0.00	18.28 0.61 0.00	19.80 0.64 0.00	18.16 0.75 0.00	20.85 0.75 -0.45	21.06 0.67 -5.39	16.53 0.76 -0.26	15.84 0.62 -3.29	13.96 0.45 0.00	12.07 0.57 -0.60	13.80 0.74 0.00	16.22 0.87 0.00	18.18 1.04 0.00	30.26 0.76 -16.24	34.05 1.15 -12.08	27.31 0.40 -19.51	19.87 0.52 -10.05	17.09 0.83 0.00	19.36 0.79 0.00	14.78 0.62 0.00
MILLWOOD_13_KV_LOAD 356217	22.97 0.89 0.00	21.70 0.80 0.00	17.52 0.72 0.00	18.18 0.63 0.00	16.91 0.60 0.00	18.32 0.66 0.00	19.84 0.68 0.00	18.20 0.79 0.00	20.89 0.80 -0.45	21.10 0.71 -5.39	16.57 0.80 -0.26	15.87 0.65 -3.29	13.98 0.48 0.00	12.09 0.60 -0.60	13.83 0.77 0.00	16.25 0.90 0.00	18.22 1.08 0.00	30.29 0.80 -16.24	34.10 1.20 -12.08	27.33 0.42 -19.51	19.90 0.55 -10.05	17.12 0.87 0.00	19.40 0.84 0.00	14.82 0.66 0.00
MODEL_CITY_ENERGY 24167	21.96 -0.12 0.00	20.86 -0.04 0.00	16.64 -0.16 0.00	17.63 0.09 0.00	16.34 0.03 0.00	17.69 0.02 0.00	19.21 0.06 0.00	17.25 -0.16 0.00	19.25 -0.43 -0.04	15.12 -0.30 -0.43	15.12 -0.41 -0.02	11.81 -0.38 -0.26	12.74 -0.76 0.00	10.58 -0.38 -0.05	12.70 -0.37 0.00	14.90 -0.45 0.00	16.68 -0.47 0.00	14.10 -0.32 -1.17	21.15 -0.54 -0.87	8.70 -0.10 -1.40	9.89 -0.13 -0.72	15.97 -0.28 0.00	18.38 -0.19 0.00	14.01 -0.15 0.00
MODERN_LFGE___ 323580	21.96 -0.12 0.00	20.86 -0.04 0.00	16.64 -0.16 0.00	17.63 0.09 0.00	16.34 0.03 0.00	17.69 0.02 0.00	19.21 0.06 0.00	17.25 -0.16 0.00	19.25 -0.43 -0.04	15.12 -0.30 -0.43	15.12 -0.41 -0.02	11.81 -0.38 -0.26	12.74 -0.76 0.00	10.58 -0.38 -0.05	12.70 -0.37 0.00	14.90 -0.45 0.00	16.68 -0.47 0.00	14.10 -0.32 -1.17	21.15 -0.54 -0.87	8.70 -0.10 -1.40	9.89 -0.13 -0.72	15.97 -0.28 0.00	18.38 -0.19 0.00	14.01 -0.15 0.00
MOHAWK_PAPER___DRP 24187	22.48 0.40 0.00	21.31 0.41 0.00	17.17 0.37 0.00	17.87 0.33 0.00	16.65 0.34 0.00	18.04 0.37 0.00	19.53 0.37 0.00	17.83 0.42 0.00	20.58 0.36 -0.58	22.34 0.35 -7.00	16.19 0.34 -0.34	16.47 0.27 -4.27	13.57 0.07 0.00	11.90 0.23 -0.77	13.38 0.31 0.00	15.73 0.38 0.00	17.65 0.51 0.00	34.75 0.42 -21.08	37.19 0.69 -15.68	32.97 0.24 -25.32	22.65 0.30 -13.05	16.73 0.48 0.00	18.96 0.40 0.00	14.51 0.35 0.00
MOHICAN___35_KV_115KV_LD 80490	23.29 1.21 0.00	22.00 1.11 0.00	17.78 0.98 0.00	18.52 0.98 0.00	17.23 0.92 0.00	18.69 1.03 0.00	20.32 1.17 0.00	18.57 1.15 0.00	21.48 1.24 -0.59	23.08 0.99 -7.10	16.69 0.83 -0.34	16.92 0.65 -4.33	13.91 0.41 0.00	12.16 0.48 -0.78	13.66 0.59 0.00	16.09 0.74 0.00	18.11 0.96 0.00	35.51 0.87 -21.39	38.10 1.37 -15.91	33.59 0.50 -25.69	23.19 0.65 -13.24	17.32 1.07 0.00	19.70 1.14 0.00	15.02 0.86 0.00
MONGAUP___HYD 23641	22.88 0.80 0.00	21.61 0.72 0.00	17.42 0.61 0.00	18.10 0.56 0.00	16.84 0.53 0.00	18.24 0.58 0.00	19.79 0.63 0.00	18.10 0.69 0.00	20.70 0.67 -0.39	20.20 0.56 -4.66	16.30 0.57 -0.22	15.19 0.42 -2.84	13.67 0.17 0.00	11.73 0.31 -0.51	13.51 0.45 0.00	15.92 0.57 0.00	17.85 0.71 0.00	27.87 0.60 -14.02	32.26 1.02 -10.43	24.62 0.38 -16.84	18.46 0.48 -8.68	17.06 0.81 0.00	19.34 0.78 0.00	14.75 0.59 0.00
MONTAUK___DIESEL 23721	24.62 2.54 0.00	23.17 2.27 0.00	18.72 1.92 0.00	19.44 1.89 0.00	18.06 1.75 0.00	19.55 1.89 0.00	21.16 2.00 0.00	19.51 2.09 0.00	22.44 2.34 -0.45	22.62 1.94 -5.69	19.91 2.21 -2.19	19.77 1.70 -6.13	17.13 1.61 -2.02	15.07 1.52 -2.64	17.22 1.88 -2.27	20.62 2.23 -3.03	27.65 2.58 -7.93	49.34 1.90 -34.18	67.38 2.94 -43.62	51.19 1.09 -42.69	84.40 1.38 -73.72	26.09 2.31 -7.53	32.38 2.36 -11.45	26.00 1.78 -10.07
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.93 0.85 0.00	21.61 0.72 0.00	17.21 0.41 0.00	18.24 0.70 0.00	16.90 0.59 0.00	18.31 0.64 0.00	19.94 0.79 0.00	17.97 0.55 0.00	20.10 0.41 -0.04	15.85 0.37 -0.49	15.82 0.28 -0.02	12.39 0.16 -0.30	13.32 -0.18 0.00	11.10 0.14 -0.06	13.32 0.26 0.00	15.63 0.28 0.00	17.55 0.41 0.00	14.92 0.32 -1.35	22.23 0.40 -1.00	9.25 0.22 -1.62	10.41 0.27 -0.84	16.69 0.43 0.00	19.18 0.62 0.00	14.59 0.43 0.00
MORTIMER_115KV_TB3 55949	22.27 0.18 0.00	21.08 0.19 0.00	16.85 0.05 0.00	17.74 0.20 0.00	16.46 0.15 0.00	17.82 0.16 0.00	19.39 0.23 0.00	17.50 0.09 0.00	19.48 -0.19 -0.03	15.25 -0.10 -0.36	15.34 -0.19 -0.02	11.98 -0.18 -0.22	12.93 -0.58 0.00	10.78 -0.17 -0.05	12.97 -0.09 0.00	15.24 -0.11 0.00	17.08 -0.07 0.00	14.22 0.01 -0.96	21.61 0.08 -0.71	8.62 0.07 -1.15	9.97 0.08 -0.59	16.33 0.08 0.00	18.71 0.14 0.00	14.24 0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.95 0.85 -0.45	21.21 0.77 -5.45	16.65 0.87 -0.26	15.97 0.71 -3.33	14.06 0.56 0.00	12.17 0.66 -0.60	13.91 0.85 0.00	16.33 0.98 0.00	18.31 1.17 0.00	30.51 0.84 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.87 0.71 0.00
MUNSVILLE_WIND_PWR 323609	23.39 1.31 0.00	22.10 1.21 0.00	17.64 0.84 0.00	18.44 0.89 0.00	17.08 0.77 0.00	18.47 0.81 0.00	20.14 0.98 0.00	18.34 0.93 0.00	20.52 0.80 -0.08	16.54 0.65 -0.89	16.00 0.45 -0.04	12.67 0.19 -0.54	13.26 -0.24 0.00	11.15 0.15 -0.10	13.34 0.28 0.00	15.76 0.41 0.00	17.84 0.70 0.00	16.61 0.76 -2.60	24.17 1.42 -1.93	11.08 0.56 -3.12	11.59 0.68 -1.61	17.42 1.17 0.00	19.82 1.26 0.00	15.06 0.90 0.00
N SALMON___HYD 24042	22.57 0.49 0.00	21.32 0.42 0.00	17.13 0.33 0.00	17.90 0.36 0.00	16.63 0.32 0.00	18.00 0.34 0.00	19.55 0.39 0.00	17.72 0.31 0.00	20.04 0.39 0.00	15.26 0.27 0.00	15.70 0.19 0.00	12.12 0.18 0.00	13.70 0.20 0.00	10.96 0.07 0.00	12.98 -0.08 0.00	15.23 -0.13 0.00	16.90 -0.25 0.00	13.05 -0.21 0.00	20.42 -0.40 0.00	7.18 -0.22 0.00	9.02 -0.28 0.00	15.89 -0.37 0.00	18.42 -0.14 0.00	14.10 -0.06 0.00
N.AKRON___115KV_KNAPP 355671	22.45 0.37 0.00	21.26 0.37 0.00	16.96 0.16 0.00	17.95 0.41 0.00	16.64 0.33 0.00	18.01 0.34 0.00	19.60 0.44 0.00	17.62 0.21 0.00	19.64 -0.05 -0.04	15.37 -0.03 -0.41	15.39 -0.14 -0.02	12.00 -0.19 -0.25	12.96 -0.54 0.00	10.81 -0.14 -0.05	12.92 -0.14 0.00	15.19 -0.17 0.00	17.01 -0.14 0.00	14.36 -0.02 -1.13	21.66 0.00 -0.84	8.84 0.09 -1.35	10.10 0.10 -0.70	16.36 0.11 0.00	18.79 0.23 0.00	14.32 0.16 0.00

N.BELMOR_69_KV_BK1 55787	23.44 1.36 0.00	22.08 1.19 0.00	17.83 1.03 0.00	18.49 0.95 0.00	17.19 0.88 0.00	18.62 0.96 0.00	20.15 1.00 0.00	18.53 1.12 0.00	21.31 1.22 -0.45	22.80 1.02 -6.78	28.03 1.19 -11.33	32.63 0.95 -19.75	25.61 0.82 -11.29	23.80 0.87 -12.02	26.86 1.09 -12.70	33.40 1.27 -16.78	44.78 1.47 -26.16	85.07 1.04 -70.77	177.17 1.55 -154.80	85.68 0.57 -77.70	118.10 0.75 -108.05	55.15 1.23 -37.67	35.90 1.26 -16.08	30.50 1.00 -15.33
N.E_GEN_SANDY PD 24062	22.55 0.49 0.03	21.38 0.48 0.00	17.27 0.47 0.00	17.95 0.40 0.00	16.70 0.39 0.00	18.10 0.44 0.00	19.62 0.46 0.00	17.95 0.53 0.00	20.62 0.47 -0.51	22.01 0.44 -6.58	16.27 0.45 -0.31	16.19 0.37 -3.88	13.67 0.17 0.00	11.93 0.33 -0.70	13.49 0.43 0.00	15.87 0.51 0.00	17.78 0.63 0.00	32.91 0.49 -19.17	35.86 0.78 -14.26	30.69 0.26 -23.03	21.50 0.33 -11.87	16.88 0.54 -0.09	18.90 0.45 0.11	14.57 0.41 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.90 0.82 0.00	21.63 0.74 0.00	17.46 0.66 0.00	18.11 0.57 0.00	16.85 0.54 0.00	18.25 0.59 0.00	19.78 0.62 0.00	18.14 0.73 0.00	20.79 0.72 -0.43	20.77 0.65 -5.13	16.49 0.73 -0.25	15.66 0.60 -3.13	13.94 0.44 0.00	12.03 0.56 -0.57	13.80 0.74 0.00	16.22 0.86 0.00	18.19 1.04 0.00	29.46 0.78 -15.43	33.47 1.17 -11.48	26.34 0.40 -18.54	19.37 0.52 -9.55	17.07 0.82 0.00	19.36 0.79 0.00	14.77 0.61 0.00
N.QUEENS_27_KV_LOAD 356247	23.03 0.95 0.00	21.73 0.84 0.00	17.63 0.83 0.00	18.20 0.65 0.00	16.93 0.62 0.00	18.34 0.67 0.00	19.83 0.67 0.00	18.27 0.86 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.68 0.91 -0.26	16.00 0.74 -3.33	14.09 0.59 0.00	12.18 0.68 -0.60	13.92 0.86 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.50 0.83 -16.41	34.26 1.23 -12.21	27.57 0.45 -19.72	20.07 0.61 -10.16	17.22 0.97 0.00	19.49 0.93 0.00	14.91 0.75 0.00
N.TROY___115KV_TB1 355778	22.62 0.54 0.00	21.43 0.54 0.00	17.28 0.48 0.00	17.99 0.45 0.00	16.75 0.44 0.00	18.15 0.49 0.00	19.68 0.52 0.00	17.96 0.55 0.00	20.73 0.50 -0.58	22.47 0.45 -7.02	16.26 0.41 -0.34	16.55 0.33 -4.28	13.61 0.11 0.00	11.95 0.27 -0.77	13.42 0.36 0.00	15.79 0.44 0.00	17.73 0.58 0.00	34.90 0.49 -21.15	37.35 0.79 -15.73	33.10 0.28 -25.41	22.75 0.35 -13.09	16.81 0.56 0.00	19.07 0.51 0.00	14.58 0.42 0.00
NARROWS_GT1_1 24228	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_2 24229	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_3 24230	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_4 24231	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_5 24232	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_6 24233	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_7 24234	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT1_8 24235	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NARROWS_GT2_1 24236	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NARROWS_GT2_2 24237	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00

NARROWS_GT2_3 24238	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NARROWS_GT2_4 24239	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NARROWS_GT2_5 24240	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NARROWS_GT2_6 24241	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NARROWS_GT2_7 24242	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NARROWS_GT2_8 24243	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.61 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.91 0.75 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.76 0.68 0.00	21.56 0.67 0.00	17.35 0.55 0.00	18.08 0.54 0.00	16.85 0.54 0.00	18.25 0.59 0.00	19.79 0.63 0.00	18.06 0.65 0.00	20.82 0.63 -0.54	22.04 0.49 -6.55	16.25 0.43 -0.32	16.22 0.29 -4.00	13.63 0.13 0.00	11.85 0.23 -0.72	13.39 0.32 0.00	15.77 0.42 0.00	17.73 0.59 0.00	33.51 0.52 -19.73	36.48 0.98 -14.68	31.49 0.38 -23.71	21.98 0.46 -12.22	17.01 0.76 0.00	19.24 0.68 0.00	14.71 0.55 0.00
NCHELSEA_115KV_TR2 355582	23.02 0.94 0.00	21.76 0.87 0.00	17.57 0.77 0.00	18.25 0.71 0.00	16.98 0.67 0.00	18.39 0.73 0.00	19.94 0.78 0.00	18.27 0.85 0.00	20.96 0.86 -0.45	21.21 0.75 -5.46	16.60 0.83 -0.26	15.93 0.67 -3.33	14.00 0.50 0.00	12.10 0.60 -0.60	13.83 0.77 0.00	16.27 0.92 0.00	18.25 1.11 0.00	30.55 0.84 -16.46	34.35 1.30 -12.24	27.63 0.45 -19.77	20.07 0.58 -10.19	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.70 0.00
NEG CAPITAL___MECHNVIL 23645	23.03 0.95 0.00	21.78 0.89 0.00	17.56 0.76 0.00	18.29 0.75 0.00	17.02 0.71 0.00	18.46 0.79 0.00	20.03 0.87 0.00	18.28 0.86 0.00	21.11 0.88 -0.59	22.81 0.74 -7.07	16.54 0.69 -0.34	16.79 0.53 -4.32	13.82 0.32 0.00	12.11 0.43 -0.78	13.61 0.55 0.00	16.03 0.68 0.00	18.01 0.87 0.00	35.31 0.75 -21.31	37.87 1.20 -15.85	33.43 0.43 -25.60	23.02 0.53 -13.19	17.12 0.87 0.00	19.43 0.87 0.00	14.84 0.67 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.83 -0.25 0.00	20.68 -0.22 0.00	16.53 -0.26 0.00	17.38 -0.16 0.00	16.14 -0.17 0.00	17.49 -0.18 0.00	19.01 -0.14 0.00	17.18 -0.24 0.00	19.12 -0.56 -0.03	14.96 -0.38 -0.35	15.05 -0.47 -0.02	11.76 -0.39 -0.21	12.67 -0.83 0.00	10.59 -0.36 -0.05	12.75 -0.31 0.00	14.99 -0.36 0.00	16.82 -0.33 0.00	14.02 -0.16 -0.93	21.34 -0.18 -0.69	8.48 -0.04 -1.12	9.82 -0.06 -0.58	16.08 -0.17 0.00	18.39 -0.17 0.00	13.99 -0.17 0.00
NEG CENTRAL___DRP 24199	22.29 0.20 0.00	21.06 0.17 0.00	16.85 0.05 0.00	17.68 0.14 0.00	16.42 0.11 0.00	17.78 0.12 0.00	19.34 0.18 0.00	17.53 0.11 0.00	19.48 -0.20 -0.03	15.26 -0.12 -0.38	15.32 -0.21 -0.02	12.00 -0.17 -0.23	12.89 -0.61 0.00	10.82 -0.13 -0.05	13.01 -0.05 0.00	15.31 -0.04 0.00	17.19 0.05 0.00	14.41 0.12 -1.03	21.86 0.27 -0.77	8.77 0.13 -1.24	10.09 0.15 -0.64	16.45 0.20 0.00	18.79 0.23 0.00	14.30 0.13 0.00
NEG CENTRAL___INDECK 23768	22.92 0.84 0.00	21.68 0.79 0.00	17.33 0.53 0.00	18.27 0.72 0.00	16.94 0.63 0.00	18.36 0.70 0.00	19.97 0.81 0.00	18.03 0.61 0.00	19.91 0.22 -0.04	15.54 0.05 -0.49	15.48 -0.05 -0.02	12.15 -0.09 -0.30	13.04 -0.46 0.00	10.89 -0.07 -0.06	13.10 0.03 0.00	15.38 0.02 0.00	17.26 0.12 0.00	14.77 0.16 -1.35	22.27 0.45 -1.01	9.36 0.33 -1.63	10.52 0.38 -0.84	16.86 0.60 0.00	19.29 0.73 0.00	14.68 0.52 0.00
NEG CENTRAL___SENECA 23627	22.42 0.34 0.00	21.17 0.28 0.00	16.92 0.13 0.00	17.80 0.25 0.00	16.51 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.63 0.21 0.00	19.60 -0.08 -0.04	15.37 -0.04 -0.42	15.39 -0.14 -0.02	12.06 -0.13 -0.25	12.96 -0.54 0.00	10.86 -0.10 -0.05	13.06 0.00 0.00	15.36 0.00 0.00	17.26 0.12 0.00	14.58 0.19 -1.14	22.03 0.36 -0.85	8.94 0.17 -1.37	10.20 0.20 -0.70	16.54 0.28 0.00	18.89 0.33 0.00	14.38 0.22 0.00
NEG CENTRAL___STATE_STREET 24147	22.35 0.27 0.00	21.20 0.31 0.00	16.93 0.13 0.00	17.72 0.18 0.00	16.48 0.17 0.00	17.83 0.16 0.00	19.38 0.22 0.00	17.57 0.15 0.00	19.53 -0.15 -0.03	15.32 -0.06 -0.38	15.39 -0.13 -0.02	12.07 -0.09 -0.23	12.94 -0.56 0.00	10.89 -0.06 -0.05	13.09 0.02 0.00	15.43 0.08 0.00	17.30 0.15 0.00	14.49 0.22 -1.02	22.04 0.46 -0.75	8.76 0.14 -1.22	10.14 0.21 -0.63	16.57 0.32 0.00	18.90 0.34 0.00	14.33 0.17 0.00
NEG MILLWOOD___DRP 24198	23.07 0.99 0.00	21.80 0.91 0.00	17.61 0.81 0.00	18.28 0.74 0.00	17.01 0.70 0.00	18.43 0.76 0.00	19.97 0.81 0.00	18.30 0.89 0.00	21.03 0.92 -0.46	21.35 0.80 -5.55	16.67 0.89 -0.27	16.03 0.71 -3.39	14.06 0.56 0.00	12.16 0.65 -0.61	13.89 0.82 0.00	16.33 0.97 0.00	18.31 1.16 0.00	30.85 0.87 -16.72	34.59 1.34 -12.44	27.96 0.47 -20.09	20.26 0.60 -10.35	17.23 0.97 0.00	19.50 0.94 0.00	14.89 0.73 0.00

NEG NORTH_FLCN_SEA 23793	22.93 0.85 0.00	21.62 0.73 0.00	17.41 0.61 0.00	18.18 0.64 0.00	16.89 0.58 0.00	18.27 0.60 0.00	19.82 0.66 0.00	17.99 0.58 0.00	20.29 0.65 0.00	15.47 0.48 0.00	15.86 0.35 0.00	12.27 0.33 0.00	13.85 0.34 0.00	11.10 0.19 0.00	13.11 0.05 0.00	15.34 -0.02 0.00	17.06 -0.09 0.00	13.17 -0.08 0.00	20.50 -0.32 0.00	7.19 -0.21 0.00	9.00 -0.30 0.00	15.86 -0.39 0.00	18.45 -0.11 0.00	14.20 0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	22.66 0.58 0.00	21.39 0.49 0.00	17.21 0.41 0.00	17.98 0.44 0.00	16.71 0.40 0.00	18.08 0.41 0.00	19.62 0.46 0.00	17.78 0.36 0.00	20.08 0.43 0.00	15.29 0.30 0.00	15.73 0.22 0.00	12.15 0.22 0.00	13.74 0.24 0.00	10.99 0.09 0.00	12.98 -0.08 0.00	15.21 -0.14 0.00	16.87 -0.27 0.00	13.02 -0.23 0.00	20.30 -0.52 0.00	7.12 -0.28 0.00	8.93 -0.37 0.00	15.76 -0.50 0.00	18.34 -0.22 0.00	14.08 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	22.92 0.84 0.00	21.61 0.71 0.00	17.39 0.59 0.00	18.16 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.65 0.00	17.98 0.57 0.00	20.30 0.65 0.00	15.47 0.48 0.00	15.87 0.36 0.00	12.26 0.33 0.00	13.84 0.34 0.00	11.08 0.19 0.00	13.10 0.03 0.00	15.32 -0.03 0.00	17.04 -0.10 0.00	13.17 -0.09 0.00	20.53 -0.29 0.00	7.20 -0.20 0.00	9.02 -0.28 0.00	15.89 -0.36 0.00	18.48 -0.08 0.00	14.20 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	22.92 0.84 0.00	21.61 0.71 0.00	17.39 0.59 0.00	18.16 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.65 0.00	17.98 0.57 0.00	20.30 0.65 0.00	15.47 0.48 0.00	15.87 0.36 0.00	12.26 0.33 0.00	13.84 0.34 0.00	11.08 0.19 0.00	13.10 0.03 0.00	15.32 -0.03 0.00	17.04 -0.10 0.00	13.17 -0.09 0.00	20.53 -0.29 0.00	7.20 -0.20 0.00	9.02 -0.28 0.00	15.89 -0.36 0.00	18.48 -0.08 0.00	14.20 0.04 0.00
NEG NORTH___PLATTSBURG 23628	22.92 0.84 0.00	21.61 0.71 0.00	17.39 0.59 0.00	18.16 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.65 0.00	17.98 0.57 0.00	20.30 0.66 0.00	15.47 0.48 0.00	15.87 0.36 0.00	12.26 0.33 0.00	13.84 0.34 0.00	11.08 0.19 0.00	13.10 0.03 0.00	15.32 -0.03 0.00	17.04 -0.10 0.00	13.17 -0.08 0.00	20.53 -0.29 0.00	7.20 -0.20 0.00	9.02 -0.28 0.00	15.89 -0.36 0.00	18.48 -0.08 0.00	14.20 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	22.18 0.10 0.00	21.02 0.13 0.00	16.77 -0.03 0.00	17.76 0.22 0.00	16.46 0.15 0.00	17.81 0.15 0.00	19.38 0.22 0.00	17.40 -0.02 0.00	19.41 -0.27 -0.04	15.23 -0.18 -0.42	15.24 -0.29 -0.02	11.90 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.80 -0.26 0.00	15.03 -0.32 0.00	16.84 -0.31 0.00	14.21 -0.20 -1.16	21.35 -0.33 -0.86	8.76 -0.04 -1.39	9.97 -0.04 -0.72	16.12 -0.13 0.00	18.54 -0.02 0.00	14.14 -0.03 0.00
NEG WEST___LANCASTR 23811	22.28 0.20 0.00	21.06 0.17 0.00	16.79 -0.01 0.00	17.78 0.24 0.00	16.47 0.16 0.00	17.83 0.16 0.00	19.41 0.25 0.00	17.48 0.06 0.00	19.53 -0.16 -0.04	15.36 -0.12 -0.48	15.36 -0.17 -0.02	12.00 -0.23 -0.29	12.92 -0.58 0.00	10.77 -0.19 -0.06	12.92 -0.14 0.00	15.18 -0.17 0.00	17.03 -0.12 0.00	14.45 -0.14 -1.33	21.53 -0.28 -0.99	8.97 -0.03 -1.60	10.09 -0.04 -0.83	16.19 -0.06 0.00	18.64 0.08 0.00	14.20 0.04 0.00
NEG_PENN_ALLEGHNY 23528	22.36 0.28 0.00	21.09 0.20 0.00	16.89 0.09 0.00	17.73 0.18 0.00	16.46 0.15 0.00	17.83 0.16 0.00	19.36 0.20 0.00	17.56 0.15 0.00	19.66 -0.06 -0.08	15.92 0.04 -0.88	15.52 -0.03 -0.04	12.44 -0.03 -0.54	13.07 -0.43 0.00	10.99 -0.01 -0.10	13.15 0.08 0.00	15.44 0.09 0.00	17.34 0.20 0.00	16.01 0.19 -2.57	22.98 0.25 -1.91	10.60 0.12 -3.08	11.02 0.13 -1.59	16.45 0.20 0.00	18.79 0.23 0.00	14.33 0.16 0.00
NEG___GEN_MONROE 24207	22.47 0.39 0.00	21.26 0.37 0.00	17.04 0.24 0.00	17.95 0.41 0.00	16.66 0.36 0.00	18.05 0.39 0.00	19.66 0.50 0.00	17.67 0.26 0.00	19.67 0.00 -0.03	15.34 -0.01 -0.36	15.40 -0.13 -0.02	12.01 -0.15 -0.22	12.96 -0.54 0.00	10.81 -0.13 -0.05	13.00 -0.07 0.00	15.28 -0.07 0.00	17.12 -0.02 0.00	14.28 0.06 -0.96	21.73 0.19 -0.72	8.68 0.12 -1.16	10.04 0.14 -0.60	16.44 0.19 0.00	18.85 0.28 0.00	14.35 0.19 0.00
NEPA___ENERGY 23901	22.47 0.39 0.00	21.15 0.26 0.00	16.81 0.01 0.00	17.85 0.31 0.00	16.54 0.23 0.00	17.91 0.24 0.00	19.49 0.33 0.00	17.54 0.12 0.00	19.59 -0.10 -0.04	15.50 0.02 -0.49	15.43 -0.10 -0.02	12.13 -0.10 -0.30	13.01 -0.49 0.00	10.89 -0.07 -0.06	13.08 0.02 0.00	15.34 -0.01 0.00	17.23 0.09 0.00	14.69 0.07 -1.36	21.74 -0.10 -1.01	9.07 0.04 -1.64	10.18 0.03 -0.84	16.28 0.03 0.00	18.74 0.17 0.00	14.27 0.11 0.00
NEVERSINK___HYD 23608	22.70 0.62 0.00	21.44 0.54 0.00	17.28 0.48 0.00	17.97 0.43 0.00	16.71 0.40 0.00	18.10 0.44 0.00	19.64 0.48 0.00	17.98 0.57 0.00	20.57 0.56 -0.37	19.94 0.49 -4.45	16.26 0.53 -0.21	15.01 0.36 -2.72	13.32 -0.18 0.00	11.43 0.04 -0.49	13.16 0.09 0.00	15.50 0.15 0.00	17.40 0.25 0.00	26.87 0.21 -13.40	31.16 0.36 -9.97	23.64 0.14 -16.10	18.05 0.45 -8.30	17.00 0.74 0.00	19.29 0.72 0.00	14.69 0.53 0.00
NEWKRMKL_115KV_TB1 55635	22.27 0.19 0.00	21.10 0.21 0.00	17.01 0.21 0.00	17.71 0.16 0.00	16.50 0.19 0.00	17.86 0.20 0.00	19.34 0.18 0.00	17.66 0.25 0.00	20.39 0.17 -0.58	22.19 0.20 -7.00	16.05 0.20 -0.34	16.37 0.17 -4.27	13.48 -0.02 0.00	11.82 0.15 -0.77	13.28 0.22 0.00	15.62 0.26 0.00	17.52 0.37 0.00	34.65 0.31 -21.09	37.00 0.50 -15.68	32.90 0.17 -25.33	22.57 0.22 -13.05	16.58 0.33 0.00	18.78 0.22 0.00	14.38 0.22 0.00
NEWTON___FALLS_HYD 23847	21.94 -0.14 0.00	20.76 -0.13 0.00	16.67 -0.13 0.00	17.38 -0.16 0.00	16.16 -0.15 0.00	17.45 -0.21 0.00	18.95 -0.20 0.00	17.22 -0.19 0.00	19.32 -0.33 0.00	14.74 -0.25 0.00	15.17 -0.34 0.00	11.58 -0.36 0.00	12.94 -0.56 0.00	10.58 -0.34 -0.01	12.69 -0.38 0.00	14.91 -0.44 0.00	16.64 -0.50 0.00	12.95 -0.30 0.00	20.49 -0.33 0.00	7.26 -0.14 0.00	9.06 -0.24 0.00	15.77 -0.48 0.00	18.08 -0.48 0.00	13.81 -0.35 0.00
NGRID_A1_DSASP 323792	21.92 -0.16 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.66 0.00 0.00	19.21 0.05 0.00	17.24 -0.17 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.04 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.63 -0.44 0.00	14.82 -0.54 0.00	16.57 -0.57 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00
NGRID_A2_DSASP 323793	21.92 -0.16 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.66 0.00 0.00	19.21 0.05 0.00	17.24 -0.17 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.04 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.63 -0.44 0.00	14.82 -0.54 0.00	16.57 -0.57 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00

NGRID_A4_DSASP 323807	21.96 -0.12 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.65 -0.01 0.00	19.21 0.05 0.00	17.24 -0.18 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.03 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.62 -0.44 0.00	14.82 -0.53 0.00	16.58 -0.56 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00
NIAGARA_115E_LBMP 323715	21.86 -0.22 0.00	20.76 -0.13 0.00	16.56 -0.24 0.00	17.56 0.01 0.00	16.27 -0.04 0.00	17.61 -0.05 0.00	19.13 -0.03 0.00	17.17 -0.24 0.00	19.16 -0.52 -0.04	15.06 -0.37 -0.43	15.05 -0.48 -0.02	11.77 -0.43 -0.26	12.69 -0.81 0.00	10.53 -0.43 -0.05	12.64 -0.42 0.00	14.83 -0.52 0.00	16.60 -0.55 0.00	14.04 -0.39 -1.18	21.04 -0.66 -0.88	8.67 -0.14 -1.42	9.85 -0.18 -0.73	15.89 -0.37 0.00	18.28 -0.28 0.00	13.95 -0.21 0.00
NIAGARA_115W_LBMP 323714	21.90 -0.19 0.00	20.80 -0.09 0.00	16.60 -0.20 0.00	17.59 0.04 0.00	16.29 -0.02 0.00	17.64 -0.03 0.00	19.18 0.02 0.00	17.22 -0.20 0.00	19.13 -0.55 -0.04	15.00 -0.42 -0.43	15.01 -0.53 -0.02	11.73 -0.47 -0.26	12.66 -0.85 0.00	10.49 -0.47 -0.05	12.60 -0.46 0.00	14.78 -0.57 0.00	16.54 -0.61 0.00	14.00 -0.43 -1.17	20.99 -0.71 -0.87	8.64 -0.17 -1.41	9.81 -0.22 -0.73	15.82 -0.44 0.00	18.20 -0.36 0.00	13.89 -0.27 0.00
NIAGARA_230_LBMP 323716	21.92 -0.16 0.00	20.83 -0.07 0.00	16.62 -0.18 0.00	17.60 0.06 0.00	16.30 -0.01 0.00	17.65 -0.01 0.00	19.20 0.04 0.00	17.24 -0.17 0.00	19.23 -0.45 -0.04	15.10 -0.32 -0.42	15.11 -0.42 -0.02	11.81 -0.38 -0.26	12.74 -0.76 0.00	10.57 -0.39 -0.05	12.69 -0.37 0.00	14.89 -0.46 0.00	16.67 -0.47 0.00	14.07 -0.34 -1.16	21.14 -0.54 -0.86	8.67 -0.12 -1.39	9.87 -0.15 -0.72	15.94 -0.32 0.00	18.34 -0.22 0.00	13.98 -0.18 0.00
NIAGARA__115KV_198_GIBSON 55903	21.93 -0.15 0.00	20.80 -0.09 0.00	16.60 -0.20 0.00	17.59 0.04 0.00	16.29 -0.02 0.00	17.62 -0.04 0.00	19.18 0.02 0.00	17.21 -0.20 0.00	19.12 -0.56 -0.04	15.00 -0.42 -0.43	15.01 -0.53 -0.02	11.73 -0.47 -0.26	12.66 -0.84 0.00	10.49 -0.47 -0.05	12.60 -0.47 0.00	14.79 -0.56 0.00	16.55 -0.60 0.00	14.00 -0.43 -1.17	20.98 -0.71 -0.87	8.64 -0.17 -1.41	9.81 -0.22 -0.73	15.82 -0.44 0.00	18.20 -0.36 0.00	13.89 -0.26 0.00
NIAGARA____ 23760	21.92 -0.16 0.00	20.83 -0.07 0.00	16.62 -0.18 0.00	17.60 0.06 0.00	16.30 -0.01 0.00	17.65 -0.01 0.00	19.20 0.04 0.00	17.24 -0.17 0.00	19.23 -0.45 -0.04	15.10 -0.32 -0.43	15.11 -0.42 -0.02	11.81 -0.38 -0.26	12.74 -0.76 0.00	10.57 -0.39 -0.05	12.69 -0.37 0.00	14.89 -0.46 0.00	16.67 -0.47 0.00	14.08 -0.34 -1.17	21.15 -0.54 -0.87	8.68 -0.12 -1.40	9.88 -0.15 -0.72	15.94 -0.32 0.00	18.34 -0.22 0.00	13.98 -0.18 0.00
NINE_MILE_1 23575	21.62 -0.46 0.00	20.45 -0.45 0.00	16.41 -0.38 0.00	17.17 -0.37 0.00	15.95 -0.35 0.00	17.28 -0.38 0.00	18.76 -0.40 0.00	16.99 -0.43 0.00	18.87 -0.79 -0.02	14.69 -0.51 -0.22	14.95 -0.58 -0.01	11.61 -0.46 -0.13	12.56 -0.94 0.00	10.57 -0.36 -0.03	12.74 -0.33 0.00	14.97 -0.38 0.00	16.76 -0.39 0.00	13.47 -0.27 -0.49	20.78 -0.40 -0.36	7.85 -0.13 -0.58	9.43 -0.17 -0.30	15.92 -0.33 0.00	18.18 -0.38 0.00	13.86 -0.30 0.00
NINE_MILE_2 23744	21.62 -0.46 0.00	20.45 -0.45 0.00	16.41 -0.38 0.00	17.17 -0.37 0.00	15.96 -0.35 0.00	17.28 -0.38 0.00	18.76 -0.40 0.00	16.99 -0.42 0.00	18.87 -0.79 -0.02	14.69 -0.51 -0.22	14.95 -0.58 -0.01	11.61 -0.45 -0.13	12.56 -0.94 0.00	10.57 -0.36 -0.03	12.74 -0.33 0.00	14.97 -0.38 0.00	16.76 -0.39 0.00	13.47 -0.27 -0.48	20.78 -0.40 -0.36	7.85 -0.13 -0.58	9.43 -0.17 -0.30	15.92 -0.33 0.00	18.18 -0.38 0.00	13.86 -0.30 0.00
NM_CAPITAL____DRP 24208	22.30 0.22 0.00	21.14 0.24 0.00	17.04 0.23 0.00	17.73 0.19 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.37 0.21 0.00	17.69 0.28 0.00	20.41 0.19 -0.58	22.19 0.22 -6.98	16.07 0.22 -0.34	16.37 0.18 -4.26	13.48 -0.02 0.00	11.83 0.16 -0.77	13.29 0.23 0.00	15.62 0.27 0.00	17.53 0.38 0.00	34.60 0.31 -21.03	36.97 0.51 -15.65	32.85 0.18 -25.27	22.54 0.22 -13.02	16.60 0.34 0.00	18.80 0.24 0.00	14.39 0.23 0.00
NM_CENTRAL____DRP 24181	22.06 -0.02 0.00	20.85 -0.04 0.00	16.73 -0.07 0.00	17.51 -0.04 0.00	16.26 -0.05 0.00	17.61 -0.05 0.00	19.13 -0.03 0.00	17.34 -0.08 0.00	19.28 -0.39 -0.03	15.06 -0.21 -0.27	15.25 -0.27 -0.01	11.88 -0.23 -0.17	12.81 -0.69 0.00	10.77 -0.17 -0.04	12.98 -0.08 0.00	15.25 -0.10 0.00	17.10 -0.04 0.00	13.98 0.02 -0.71	21.41 0.06 -0.53	8.29 0.04 -0.85	9.77 0.03 -0.44	16.27 0.02 0.00	18.56 0.00 0.00	14.15 -0.01 0.00
NM_FRONTIER____DRP 24179	21.93 -0.15 0.00	20.80 -0.09 0.00	16.60 -0.20 0.00	17.59 0.04 0.00	16.29 -0.02 0.00	17.62 -0.04 0.00	19.18 0.02 0.00	17.21 -0.20 0.00	19.12 -0.56 -0.04	15.00 -0.42 -0.43	15.01 -0.53 -0.02	11.73 -0.47 -0.26	12.66 -0.84 0.00	10.49 -0.47 -0.05	12.60 -0.47 0.00	14.79 -0.56 0.00	16.55 -0.60 0.00	14.00 -0.43 -1.17	20.98 -0.71 -0.87	8.64 -0.17 -1.41	9.81 -0.22 -0.73	15.82 -0.44 0.00	18.20 -0.36 0.00	13.89 -0.26 0.00
NM_ST_REGIS____HYD 24053	21.93 -0.15 0.00	20.74 -0.15 0.00	16.67 -0.14 0.00	17.40 -0.14 0.00	16.17 -0.14 0.00	17.51 -0.16 0.00	19.01 -0.15 0.00	17.25 -0.16 0.00	19.45 -0.19 0.00	14.82 -0.17 0.00	15.28 -0.23 0.00	11.76 -0.17 0.00	13.32 -0.18 0.00	10.71 -0.19 0.00	12.76 -0.30 0.00	14.98 -0.37 0.00	16.64 -0.51 0.00	12.85 -0.40 0.00	20.20 -0.62 0.00	7.15 -0.25 0.00	8.98 -0.32 0.00	15.76 -0.49 0.00	18.16 -0.40 0.00	13.86 -0.30 0.00
NORTHPORT____1 23551	23.52 1.44 0.00	22.15 1.26 0.00	17.88 1.08 0.00	18.58 1.04 0.00	17.26 0.95 0.00	18.67 1.01 0.00	20.21 1.06 0.00	18.60 1.19 0.00	21.39 1.29 -0.45	21.73 1.08 -5.65	18.67 1.27 -1.88	18.60 0.99 -5.67	16.05 0.84 -1.71	14.12 0.89 -2.33	16.09 1.10 -1.92	19.18 1.26 -2.57	25.91 1.45 -7.31	47.19 1.00 -32.94	62.18 1.49 -39.87	49.46 0.57 -41.49	82.54 0.76 -72.48	24.03 1.26 -6.52	31.12 1.27 -11.29	25.07 1.03 -9.88
NORTHPORT____2 23552	23.52 1.44 0.00	22.15 1.26 0.00	17.88 1.08 0.00	18.58 1.04 0.00	17.26 0.95 0.00	18.67 1.01 0.00	20.21 1.06 0.00	18.60 1.19 0.00	21.39 1.29 -0.45	21.73 1.08 -5.65	18.67 1.27 -1.88	18.60 0.99 -5.67	16.05 0.84 -1.71	14.12 0.89 -2.33	16.09 1.10 -1.92	19.18 1.26 -2.57	25.91 1.45 -7.31	47.19 1.00 -32.94	62.18 1.49 -39.87	49.46 0.57 -41.49	82.54 0.76 -72.48	24.03 1.26 -6.52	31.12 1.27 -11.29	25.07 1.03 -9.88
NORTHPORT____3 23553	23.37 1.29 0.00	22.02 1.13 0.00	17.78 0.99 0.00	18.46 0.91 0.00	17.15 0.84 0.00	18.56 0.90 0.00	20.09 0.94 0.00	18.49 1.07 0.00	21.26 1.16 -0.45	21.63 0.99 -5.65	18.55 1.17 -1.87	18.52 0.93 -5.66	15.97 0.77 -1.70	14.07 0.85 -2.32	16.03 1.05 -1.91	19.12 1.21 -2.56	25.88 1.40 -7.33	47.24 0.98 -33.00	62.06 1.40 -39.84	49.54 0.52 -41.61	83.01 0.68 -73.02	23.88 1.13 -6.50	31.06 1.11 -11.39	25.02 0.89 -9.97

NORTHPORT___4 23650	23.37 1.29 0.00	22.02 1.13 0.00	17.78 0.99 0.00	18.46 0.91 0.00	17.15 0.84 0.00	18.56 0.90 0.00	20.09 0.94 0.00	18.49 1.07 0.00	21.26 1.16 -0.45	21.63 0.99 -5.65	18.55 1.17 -1.87	18.52 0.93 -5.66	15.97 0.77 -1.70	14.07 0.85 -2.32	16.03 1.05 -1.91	19.12 1.21 -2.56	25.88 1.40 -7.33	47.24 0.98 -33.00	62.06 1.40 -39.84	49.54 0.52 -41.61	83.01 0.68 -73.02	23.88 1.13 -6.50	31.06 1.11 -11.39	25.02 0.89 -9.97
NORTHPORT___IC 23718	23.52 1.44 0.00	22.15 1.26 0.00	17.88 1.08 0.00	18.58 1.04 0.00	17.26 0.95 0.00	18.67 1.01 0.00	20.21 1.06 0.00	18.60 1.19 0.00	21.39 1.29 -0.45	21.73 1.08 -5.65	18.67 1.27 -1.88	18.60 0.99 -5.67	16.05 0.84 -1.71	14.12 0.89 -2.33	16.09 1.10 -1.92	19.18 1.26 -2.57	25.91 1.45 -7.31	47.19 1.00 -32.94	62.18 1.49 -39.87	49.46 0.57 -41.49	82.54 0.76 -72.48	24.03 1.26 -6.52	31.12 1.27 -11.29	25.07 1.03 -9.88
NORTH___COUNTRY_ESR 323785	22.59 0.51 0.00	21.31 0.42 0.00	17.15 0.36 0.00	17.92 0.38 0.00	16.65 0.34 0.00	18.02 0.36 0.00	19.55 0.39 0.00	17.71 0.30 0.00	20.00 0.36 0.00	15.24 0.25 0.00	15.67 0.16 0.00	12.12 0.18 0.00	13.71 0.21 0.00	10.96 0.07 0.00	12.96 -0.11 0.00	15.16 -0.19 0.00	16.83 -0.31 0.00	12.98 -0.28 0.00	20.22 -0.60 0.00	7.08 -0.32 0.00	8.89 -0.41 0.00	15.68 -0.57 0.00	18.26 -0.30 0.00	14.02 -0.14 0.00
NPX_GEN_1385_PROXY 323591	23.42 1.34 0.00	22.06 1.17 0.00	17.81 1.01 0.00	18.60 1.06 0.00	17.28 0.97 0.00	18.59 0.93 0.00	20.09 0.94 0.00	18.56 1.15 0.00	21.39 1.29 -0.45	21.70 1.05 -5.65	18.55 1.16 -1.88	18.45 0.84 -5.67	15.81 0.60 -1.71	13.83 0.60 -2.33	15.75 0.76 -1.92	18.84 0.91 -2.57	25.73 1.27 -7.31	46.97 0.78 -32.94	61.74 1.04 -39.87	49.35 0.46 -41.49	82.36 0.58 -72.48	23.60 0.83 -6.52	30.73 0.89 -11.29	24.78 0.73 -9.88
NPX_GEN_CSC 323557	23.90 1.82 0.00	22.49 1.59 0.00	18.18 1.38 0.00	18.86 1.32 0.00	17.53 1.22 0.00	18.97 1.31 0.00	20.52 1.36 0.00	18.92 1.51 0.00	21.75 1.65 -0.45	22.05 1.37 -5.69	19.29 1.60 -2.18	19.30 1.25 -6.12	16.62 1.11 -2.02	14.65 1.11 -2.64	16.71 1.38 -2.27	20.01 1.63 -3.02	26.94 1.88 -7.91	48.75 1.34 -34.15	66.39 2.04 -43.53	50.84 0.77 -42.66	84.00 1.00 -73.70	25.43 1.67 -7.50	31.70 1.69 -11.45	25.52 1.30 -10.06
NSINS_S_GLNS_FALLS 23858	23.31 1.23 0.00	22.02 1.13 0.00	17.79 0.99 0.00	18.54 1.00 0.00	17.24 0.93 0.00	18.71 1.04 0.00	20.34 1.19 0.00	18.58 1.17 0.00	21.49 1.26 -0.59	23.10 1.00 -7.10	16.70 0.85 -0.34	16.93 0.66 -4.33	13.91 0.41 0.00	12.16 0.48 -0.78	13.66 0.59 0.00	16.09 0.74 0.00	18.11 0.96 0.00	35.52 0.87 -21.40	38.10 1.37 -15.91	33.60 0.50 -25.70	23.19 0.65 -13.24	17.33 1.08 0.00	19.72 1.16 0.00	15.03 0.87 0.00
NUCOR_STEEL___DRP 24197	22.32 0.24 0.00	21.19 0.29 0.00	16.91 0.11 0.00	17.70 0.16 0.00	16.46 0.15 0.00	17.81 0.15 0.00	19.36 0.20 0.00	17.55 0.14 0.00	19.51 -0.17 -0.03	15.29 -0.07 -0.37	15.38 -0.15 -0.02	12.06 -0.10 -0.22	12.93 -0.58 0.00	10.88 -0.07 -0.05	13.08 0.02 0.00	15.43 0.08 0.00	17.28 0.14 0.00	14.45 0.22 -0.97	21.99 0.44 -0.72	8.70 0.13 -1.17	10.11 0.20 -0.60	16.56 0.30 0.00	18.89 0.33 0.00	14.31 0.15 0.00
NUMBER_THREE_WT_PWR 323818	22.25 0.17 0.00	21.08 0.18 0.00	16.90 0.10 0.00	17.60 0.06 0.00	16.37 0.06 0.00	17.65 -0.02 0.00	19.15 -0.01 0.00	17.42 0.00 0.00	19.48 -0.18 -0.01	15.02 -0.08 -0.11	15.35 -0.17 -0.01	11.68 -0.33 -0.07	12.78 -0.72 0.00	10.62 -0.30 -0.02	12.79 -0.28 0.00	15.05 -0.31 0.00	16.87 -0.28 0.00	13.20 -0.06 0.00	20.92 0.09 0.00	7.38 -0.02 0.00	9.16 -0.14 0.00	15.84 -0.42 0.00	18.13 -0.43 0.00	13.87 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	22.08 0.00 0.00	20.89 0.00 0.00	16.80 0.00 0.00	17.54 0.00 0.00	16.31 0.00 0.00	17.67 0.00 0.00	19.16 0.00 0.00	17.42 0.00 0.00	19.64 0.00 0.00	14.99 0.00 0.00	15.51 0.00 0.00	11.93 0.00 0.00	13.50 0.00 0.00	10.90 0.00 0.00	13.06 0.00 0.00	15.35 0.00 0.00	17.14 0.00 0.00	13.25 0.00 0.00	20.82 0.00 0.00	7.40 0.00 0.00	9.30 0.00 0.00	16.25 0.00 0.00	18.56 0.00 0.00	14.16 0.00 0.00
NYPA_BRENTWD___GT 24164	23.79 1.71 0.00	22.38 1.49 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.87 1.20 0.00	20.43 1.27 0.00	18.80 1.38 0.00	21.62 1.52 -0.45	21.99 1.26 -5.73	19.51 1.45 -2.55	19.74 1.14 -6.67	16.89 1.00 -2.39	14.95 1.04 -3.02	17.03 1.28 -2.69	20.42 1.49 -3.58	27.53 1.72 -8.66	50.15 1.24 -35.65	70.63 1.75 -48.06	52.15 0.64 -44.11	85.40 0.91 -75.18	26.49 1.52 -8.72	31.75 1.54 -11.65	25.65 1.21 -10.28
NYPA_GOWANUS___GT5 24156	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NYPA_GOWANUS___GT6 24157	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.71 0.00	16.99 0.68 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.00 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.04 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.64 -10.16	17.29 1.04 0.00	19.57 1.00 0.00	14.90 0.74 0.00
NYPA_HARLEM__RVR__GT1 24160	23.02 0.93 0.00	21.71 0.82 0.00	17.61 0.81 0.00	18.18 0.64 0.00	16.92 0.61 0.00	18.32 0.66 0.00	19.82 0.67 0.00	18.25 0.84 0.00	20.97 0.88 -0.45	21.22 0.78 -5.45	16.64 0.87 -0.26	15.96 0.70 -3.32	14.05 0.55 0.01	12.15 0.66 -0.59	13.89 0.83 0.01	16.32 0.97 0.01	18.29 1.15 0.01	30.47 0.81 -16.40	34.22 1.20 -12.21	27.55 0.44 -19.71	20.06 0.59 -10.16	17.19 0.94 0.00	19.44 0.89 0.00	14.88 0.72 0.00
NYPA_HARLEM__RVR__GT2 24161	23.02 0.93 0.00	21.71 0.82 0.00	17.61 0.81 0.00	18.18 0.64 0.00	16.92 0.61 0.00	18.32 0.66 0.00	19.82 0.67 0.00	18.25 0.84 0.00	20.97 0.88 -0.45	21.22 0.78 -5.45	16.64 0.87 -0.26	15.96 0.70 -3.32	14.05 0.55 0.01	12.15 0.66 -0.59	13.89 0.83 0.01	16.32 0.97 0.01	18.29 1.15 0.01	30.47 0.81 -16.40	34.22 1.20 -12.21	27.55 0.44 -19.71	20.06 0.59 -10.16	17.19 0.94 0.00	19.44 0.89 0.00	14.88 0.72 0.00
NYPA_KENT___GT 24152	23.14 1.05 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.27 0.72 0.00	17.00 0.68 0.00	18.40 0.73 0.00	19.94 0.78 0.00	18.32 0.91 0.00	21.01 0.91 -0.45	21.26 0.81 -5.45	16.70 0.93 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.96 0.90 0.00	16.40 1.05 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.38 1.35 -12.21	27.60 0.49 -19.72	20.10 0.64 -10.16	17.28 1.03 0.00	19.56 0.99 0.00	14.91 0.75 0.00

NYPA_POUCH1____GT 24155	23.07 0.99 0.00	21.78 0.88 0.00	17.61 0.81 0.00	18.22 0.68 0.00	16.95 0.64 0.00	18.35 0.68 0.00	19.88 0.73 0.00	18.27 0.85 0.00	20.93 0.84 -0.45	21.19 0.75 -5.45	16.62 0.84 -0.26	15.95 0.69 -3.33	14.05 0.54 0.00	12.15 0.65 -0.60	13.90 0.83 0.00	16.32 0.97 0.00	18.32 1.18 0.00	30.52 0.85 -16.41	34.34 1.32 -12.21	27.58 0.47 -19.72	20.09 0.63 -10.16	17.27 1.01 0.00	19.54 0.98 0.00	14.87 0.71 0.00
NYPA_VERNON____GT2 24162	23.14 1.06 0.00	21.83 0.94 0.00	17.65 0.85 0.00	18.27 0.73 0.00	17.00 0.69 0.00	18.41 0.74 0.00	19.94 0.78 0.00	18.33 0.91 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.71 0.93 -0.26	16.02 0.76 -3.33	14.12 0.62 0.00	12.22 0.71 -0.60	13.96 0.90 0.00	16.41 1.06 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.36 1.34 -12.21	27.60 0.48 -19.72	20.10 0.63 -10.16	17.27 1.01 0.00	19.55 0.98 0.00	14.92 0.77 0.00
NYPA_VERNON____GT3 24163	23.14 1.06 0.00	21.83 0.94 0.00	17.65 0.85 0.00	18.27 0.73 0.00	17.00 0.69 0.00	18.41 0.74 0.00	19.94 0.78 0.00	18.33 0.91 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.71 0.93 -0.26	16.02 0.76 -3.33	14.12 0.62 0.00	12.22 0.71 -0.60	13.96 0.90 0.00	16.41 1.06 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.36 1.34 -12.21	27.60 0.48 -19.72	20.10 0.63 -10.16	17.27 1.01 0.00	19.55 0.98 0.00	14.92 0.77 0.00
NYPA____ASTORIA_CC1 323568	23.12 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.72 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.38 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.96 0.00	14.91 0.75 0.00
NYPA____ASTORIA_CC2 323569	23.12 1.03 0.00	21.81 0.91 0.00	17.65 0.85 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.39 0.72 0.00	19.92 0.76 0.00	18.31 0.90 0.00	21.00 0.90 -0.45	21.25 0.80 -5.45	16.69 0.91 -0.26	16.00 0.74 -3.33	14.10 0.60 0.00	12.20 0.70 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.38 1.23 0.00	30.55 0.89 -16.41	34.34 1.31 -12.21	27.59 0.47 -19.72	20.09 0.62 -10.16	17.25 1.00 0.00	19.53 0.96 0.00	14.91 0.75 0.00
NYPA____HOLTSVILL 23794	23.71 1.63 0.00	22.32 1.43 0.00	18.03 1.23 0.00	18.72 1.17 0.00	17.39 1.08 0.00	18.82 1.16 0.00	20.36 1.21 0.00	18.76 1.35 0.00	21.57 1.47 -0.45	21.90 1.22 -5.69	19.10 1.43 -2.16	19.14 1.13 -6.08	16.47 1.02 -1.99	14.53 1.02 -2.61	16.56 1.26 -2.24	19.80 1.47 -2.98	26.70 1.69 -7.86	48.50 1.20 -34.04	65.83 1.79 -43.22	50.64 0.68 -42.56	83.78 0.89 -73.59	25.16 1.49 -7.42	31.49 1.50 -11.43	25.37 1.16 -10.05
NYPA____HELLGATE_GT1 24158	23.02 0.93 0.00	21.71 0.82 0.00	17.61 0.81 0.00	18.18 0.64 0.00	16.92 0.61 0.00	18.32 0.66 0.00	19.82 0.67 0.00	18.25 0.84 0.00	20.97 0.88 -0.45	21.22 0.78 -5.45	16.64 0.87 -0.26	15.96 0.71 -3.32	14.05 0.55 0.01	12.15 0.66 -0.59	13.89 0.83 0.01	16.32 0.97 0.01	18.29 1.15 0.01	30.47 0.81 -16.40	34.23 1.20 -12.21	27.55 0.44 -19.71	20.06 0.59 -10.16	17.19 0.94 0.00	19.44 0.89 0.00	14.88 0.72 0.00
NYPA____HELLGATE_GT2 24159	23.02 0.93 0.00	21.71 0.82 0.00	17.61 0.81 0.00	18.18 0.64 0.00	16.92 0.61 0.00	18.32 0.66 0.00	19.82 0.67 0.00	18.25 0.84 0.00	20.97 0.88 -0.45	21.22 0.78 -5.45	16.64 0.87 -0.26	15.96 0.71 -3.32	14.05 0.55 0.01	12.15 0.66 -0.59	13.89 0.83 0.01	16.32 0.97 0.01	18.29 1.15 0.01	30.47 0.81 -16.40	34.23 1.20 -12.21	27.55 0.44 -19.71	20.06 0.59 -10.16	17.19 0.94 0.00	19.44 0.89 0.00	14.88 0.72 0.00
NYS_BARGE____HYD 23848	22.16 0.08 0.00	21.04 0.14 0.00	16.78 -0.02 0.00	17.78 0.23 0.00	16.47 0.16 0.00	17.84 0.17 0.00	19.39 0.23 0.00	17.41 0.00 0.00	19.42 -0.26 -0.04	15.24 -0.18 -0.42	15.25 -0.29 -0.02	11.91 -0.29 -0.26	12.85 -0.65 0.00	10.67 -0.28 -0.05	12.81 -0.25 0.00	15.03 -0.32 0.00	16.83 -0.31 0.00	14.21 -0.20 -1.15	21.35 -0.32 -0.85	8.75 -0.03 -1.38	9.98 -0.03 -0.71	16.13 -0.12 0.00	18.55 -0.01 0.00	14.14 -0.02 0.00
OAK ORCHARD____HYD 24046	22.25 0.17 0.00	21.08 0.19 0.00	16.85 0.05 0.00	17.74 0.20 0.00	16.46 0.15 0.00	17.83 0.16 0.00	19.39 0.23 0.00	17.50 0.09 0.00	19.49 -0.19 -0.03	15.25 -0.10 -0.36	15.34 -0.19 -0.02	11.98 -0.18 -0.22	12.93 -0.58 0.00	10.78 -0.17 -0.05	12.97 -0.09 0.00	15.24 -0.11 0.00	17.07 -0.07 0.00	14.22 0.01 -0.96	21.61 0.08 -0.71	8.62 0.07 -1.15	9.98 0.08 -0.59	16.33 0.08 0.00	18.71 0.14 0.00	14.23 0.07 0.00
OAKDALE__35_KV_LOAD 356122	22.29 0.21 0.00	21.03 0.14 0.00	16.85 0.05 0.00	17.67 0.13 0.00	16.41 0.11 0.00	17.78 0.11 0.00	19.30 0.14 0.00	17.50 0.09 0.00	19.60 -0.12 -0.07	15.87 0.00 -0.88	15.48 -0.07 -0.04	12.41 -0.07 -0.54	13.04 -0.46 0.00	10.97 -0.03 -0.10	13.11 0.05 0.00	15.40 0.06 0.00	17.29 0.15 0.00	15.96 0.14 -2.56	22.90 0.17 -1.91	10.57 0.09 -3.08	10.99 0.10 -1.58	16.40 0.15 0.00	18.73 0.17 0.00	14.28 0.12 0.00
OCC_CHEM____DRP 24175	21.96 -0.12 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.65 -0.01 0.00	19.21 0.05 0.00	17.24 -0.18 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.03 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.62 -0.44 0.00	14.82 -0.53 0.00	16.58 -0.56 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00
OH_GEN_PROXY 24063	21.94 -0.13 0.00	20.84 -0.05 0.00	16.62 -0.18 0.00	17.61 0.06 0.00	16.31 0.00 0.00	17.66 0.00 0.00	19.21 0.05 0.00	17.27 -0.15 0.00	19.27 -0.42 -0.04	15.12 -0.29 -0.42	15.14 -0.39 -0.02	11.83 -0.37 -0.26	12.76 -0.74 0.00	10.59 -0.37 -0.05	12.72 -0.35 0.00	14.92 -0.43 0.00	16.71 -0.43 0.00	14.10 -0.32 -1.16	21.17 -0.51 -0.86	8.68 -0.11 -1.39	9.88 -0.14 -0.72	15.96 -0.30 0.00	18.37 -0.19 0.00	14.00 -0.16 0.00
OLIN_CORP_DRP 24177	21.92 -0.16 0.00	20.78 -0.11 0.00	16.58 -0.22 0.00	17.57 0.03 0.00	16.28 -0.03 0.00	17.62 -0.05 0.00	19.15 0.00 0.00	17.19 -0.23 0.00	19.18 -0.51 -0.04	15.08 -0.35 -0.43	15.07 -0.46 -0.02	11.78 -0.42 -0.26	12.71 -0.79 0.00	10.54 -0.41 -0.05	12.65 -0.41 0.00	14.86 -0.49 0.00	16.63 -0.52 0.00	14.06 -0.38 -1.19	21.08 -0.62 -0.88	8.69 -0.14 -1.42	9.87 -0.17 -0.73	15.91 -0.35 0.00	18.30 -0.26 0.00	13.97 -0.19 0.00
OLIN_CORP_DSASP 323712	21.92 -0.16 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.66 0.00 0.00	19.21 0.05 0.00	17.24 -0.17 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.04 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.63 -0.44 0.00	14.82 -0.54 0.00	16.57 -0.57 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00

ONEIDA_HERK_LFGE 323681	22.40 0.32 0.00	21.19 0.30 0.00	17.01 0.21 0.00	17.75 0.20 0.00	16.50 0.19 0.00	17.85 0.18 0.00	19.37 0.21 0.00	17.59 0.18 0.00	19.67 0.02 -0.01	15.10 0.11 0.00	15.56 0.05 0.00	11.87 -0.07 0.00	12.99 -0.51 0.00	10.83 -0.09 -0.02	13.05 -0.01 0.00	15.36 0.00 0.00	17.22 0.07 0.00	13.41 0.15 0.00	21.18 0.36 0.00	7.51 0.11 0.00	9.38 0.08 0.00	16.30 0.05 0.00	18.61 0.04 0.00	14.20 0.04 0.00
ONEIDA___115KV_TB4 55905	22.55 0.47 0.00	21.31 0.42 0.00	17.10 0.30 0.00	17.87 0.33 0.00	16.60 0.29 0.00	17.99 0.32 0.00	19.53 0.38 0.00	17.71 0.30 0.00	19.79 0.12 -0.02	15.35 0.18 -0.18	15.62 0.10 -0.01	12.07 0.02 -0.11	13.07 -0.43 0.00	10.93 0.01 -0.03	13.19 0.12 0.00	15.51 0.16 0.00	17.40 0.26 0.00	13.99 0.27 -0.46	21.70 0.54 -0.34	8.17 0.21 -0.55	9.81 0.22 -0.28	16.58 0.33 0.00	18.90 0.34 0.00	14.40 0.24 0.00
ONONDAGA_REF_OCCRA 23987	22.18 0.10 0.00	20.96 0.06 0.00	16.81 0.01 0.00	17.60 0.05 0.00	16.35 0.04 0.00	17.70 0.04 0.00	19.23 0.08 0.00	17.43 0.02 0.00	19.40 -0.27 -0.03	15.19 -0.13 -0.33	15.33 -0.20 -0.02	11.97 -0.17 -0.20	12.88 -0.62 0.00	10.83 -0.12 -0.04	13.04 -0.03 0.00	15.33 -0.03 0.00	17.19 0.04 0.00	14.22 0.09 -0.87	21.65 0.19 -0.65	8.53 0.08 -1.04	9.93 0.09 -0.54	16.37 0.11 0.00	18.67 0.11 0.00	14.22 0.06 0.00
ONONDAGA___COGEN 23986	22.24 0.16 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.59 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.68 0.27 -0.60	8.47 0.10 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
ONTARIO___LFGE 23819	22.41 0.32 0.00	21.17 0.28 0.00	16.92 0.13 0.00	17.80 0.25 0.00	16.51 0.21 0.00	17.89 0.23 0.00	19.46 0.31 0.00	17.63 0.21 0.00	19.61 -0.08 -0.04	15.37 -0.04 -0.42	15.39 -0.14 -0.02	12.06 -0.12 -0.25	12.96 -0.54 0.00	10.86 -0.10 -0.05	13.06 0.00 0.00	15.35 0.00 0.00	17.26 0.12 0.00	14.58 0.19 -1.14	22.03 0.36 -0.85	8.94 0.17 -1.37	10.20 0.19 -0.70	16.54 0.28 0.00	18.89 0.33 0.00	14.38 0.22 0.00
ORANGEVILLE_WT_PWR 323706	22.31 0.23 0.00	21.13 0.24 0.00	16.86 0.06 0.00	17.84 0.30 0.00	16.53 0.22 0.00	17.90 0.24 0.00	19.46 0.30 0.00	17.51 0.09 0.00	19.50 -0.19 -0.05	15.40 -0.11 -0.51	15.34 -0.19 -0.02	12.05 -0.20 -0.31	12.94 -0.57 0.00	10.78 -0.18 -0.06	12.95 -0.11 0.00	15.20 -0.16 0.00	17.04 -0.10 0.00	14.63 -0.06 -1.44	21.75 -0.13 -1.07	9.15 0.02 -1.72	10.20 0.02 -0.89	16.26 0.00 0.00	18.69 0.13 0.00	14.25 0.09 0.00
ORANGEVILLE___ESR 323794	22.31 0.23 0.00	21.13 0.24 0.00	16.86 0.06 0.00	17.84 0.30 0.00	16.53 0.22 0.00	17.90 0.24 0.00	19.46 0.30 0.00	17.51 0.09 0.00	19.50 -0.19 -0.05	15.40 -0.11 -0.51	15.34 -0.19 -0.02	12.05 -0.20 -0.31	12.94 -0.57 0.00	10.78 -0.18 -0.06	12.95 -0.11 0.00	15.20 -0.16 0.00	17.04 -0.10 0.00	14.63 -0.06 -1.44	21.75 -0.13 -1.07	9.15 0.02 -1.72	10.20 0.02 -0.89	16.26 0.00 0.00	18.69 0.13 0.00	14.25 0.09 0.00
OSWEGATCHIE___HYD 24044	21.94 -0.14 0.00	20.76 -0.13 0.00	16.67 -0.14 0.00	17.38 -0.16 0.00	16.16 -0.15 0.00	17.45 -0.21 0.00	18.95 -0.20 0.00	17.22 -0.19 0.00	19.32 -0.32 0.00	14.74 -0.25 0.00	15.17 -0.34 0.00	11.58 -0.36 0.00	12.94 -0.56 0.00	10.58 -0.34 -0.01	12.69 -0.38 0.00	14.91 -0.44 0.00	16.64 -0.50 0.00	12.95 -0.30 0.00	20.49 -0.33 0.00	7.26 -0.14 0.00	9.06 -0.24 0.00	15.77 -0.48 0.00	18.08 -0.48 0.00	13.81 -0.35 0.00
OSWEGO___5 23606	21.75 -0.33 0.00	20.57 -0.32 0.00	16.51 -0.28 0.00	17.28 -0.26 0.00	16.06 -0.25 0.00	17.39 -0.28 0.00	18.88 -0.28 0.00	17.10 -0.31 0.00	18.98 -0.69 -0.02	14.81 -0.43 -0.25	15.02 -0.50 -0.01	11.69 -0.40 -0.15	12.63 -0.87 0.00	10.63 -0.30 -0.04	12.81 -0.25 0.00	15.07 -0.29 0.00	16.86 -0.28 0.00	13.63 -0.18 -0.56	20.97 -0.27 -0.42	7.99 -0.08 -0.67	9.53 -0.11 -0.35	16.03 -0.23 0.00	18.30 -0.26 0.00	13.95 -0.21 0.00
OSWEGO___6 23613	21.75 -0.33 0.00	20.57 -0.32 0.00	16.51 -0.28 0.00	17.28 -0.26 0.00	16.06 -0.25 0.00	17.39 -0.28 0.00	18.88 -0.28 0.00	17.10 -0.31 0.00	18.98 -0.69 -0.02	14.81 -0.43 -0.25	15.02 -0.50 -0.01	11.69 -0.40 -0.15	12.63 -0.87 0.00	10.63 -0.30 -0.04	12.81 -0.25 0.00	15.07 -0.29 0.00	16.86 -0.28 0.00	13.63 -0.18 -0.56	20.97 -0.27 -0.42	7.99 -0.08 -0.67	9.53 -0.11 -0.35	16.03 -0.23 0.00	18.30 -0.26 0.00	13.95 -0.21 0.00
OUTOKUMPU-AB___DRP 24206	22.42 0.33 0.00	21.24 0.34 0.00	16.93 0.13 0.00	17.94 0.39 0.00	16.62 0.31 0.00	17.99 0.33 0.00	19.58 0.42 0.00	17.58 0.17 0.00	19.60 -0.09 -0.04	15.39 -0.04 -0.44	15.40 -0.14 -0.02	12.03 -0.17 -0.27	12.99 -0.52 0.00	10.78 -0.17 -0.06	12.94 -0.12 0.00	15.20 -0.15 0.00	17.02 -0.13 0.00	14.39 -0.06 -1.20	21.58 -0.13 -0.89	8.87 0.03 -1.44	10.09 0.04 -0.74	16.27 0.01 0.00	18.70 0.14 0.00	14.25 0.09 0.00
OXBOW___ 24026	22.21 0.13 0.00	21.09 0.20 0.00	16.82 0.02 0.00	17.82 0.28 0.00	16.51 0.20 0.00	17.88 0.22 0.00	19.44 0.29 0.00	17.46 0.05 0.00	19.44 -0.25 -0.04	15.25 -0.17 -0.43	15.26 -0.27 -0.02	11.93 -0.27 -0.26	12.87 -0.63 0.00	10.68 -0.28 -0.05	12.82 -0.24 0.00	15.05 -0.30 0.00	16.85 -0.30 0.00	14.25 -0.19 -1.19	21.38 -0.33 -0.88	8.79 -0.03 -1.42	9.99 -0.05 -0.73	16.10 -0.15 0.00	18.52 -0.04 0.00	14.12 -0.04 0.00
OXY_CHEM_DSASP 323612	21.96 -0.12 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.65 -0.01 0.00	19.21 0.05 0.00	17.24 -0.18 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.03 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.62 -0.44 0.00	14.82 -0.53 0.00	16.58 -0.56 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00
OZONE_PARK_ESR 323760	23.27 1.19 0.00	21.96 1.07 0.00	17.74 0.94 0.00	18.37 0.83 0.00	17.10 0.79 0.00	18.51 0.84 0.00	20.05 0.90 0.00	18.43 1.01 0.00	21.14 1.04 -0.45	21.35 0.91 -5.45	16.81 1.03 -0.26	16.09 0.83 -3.33	14.20 0.70 0.00	12.28 0.78 -0.60	14.05 0.99 0.00	16.51 1.15 0.00	18.50 1.36 0.00	30.65 0.99 -16.41	34.49 1.46 -12.21	27.64 0.53 -19.72	20.15 0.69 -10.16	17.38 1.12 0.00	19.67 1.10 0.00	15.02 0.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.96 -0.12 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.65 -0.01 0.00	19.21 0.05 0.00	17.24 -0.18 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.03 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.62 -0.44 0.00	14.82 -0.53 0.00	16.58 -0.56 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00

PACKARD__115KV_DUPONT_184 80571	21.96 -0.12 0.00	20.83 -0.06 0.00	16.62 -0.18 0.00	17.61 0.07 0.00	16.32 0.01 0.00	17.65 -0.01 0.00	19.21 0.05 0.00	17.24 -0.18 0.00	19.16 -0.52 -0.04	15.03 -0.39 -0.43	15.03 -0.50 -0.02	11.75 -0.44 -0.26	12.68 -0.82 0.00	10.51 -0.44 -0.05	12.62 -0.44 0.00	14.82 -0.53 0.00	16.58 -0.56 0.00	14.03 -0.40 -1.17	21.03 -0.66 -0.87	8.66 -0.15 -1.41	9.83 -0.20 -0.73	15.85 -0.40 0.00	18.24 -0.32 0.00	13.92 -0.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.04 0.96 0.00	21.75 0.86 0.00	17.63 0.82 0.00	18.21 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.87 0.71 0.00	18.27 0.86 0.00	20.93 0.83 -0.45	21.19 0.74 -5.45	16.61 0.84 -0.26	15.94 0.68 -3.33	14.04 0.54 0.00	12.15 0.65 -0.60	13.89 0.82 0.00	16.31 0.96 0.00	18.29 1.14 0.00	30.49 0.82 -16.41	34.26 1.23 -12.21	27.56 0.45 -19.72	20.05 0.59 -10.16	17.19 0.93 0.00	19.45 0.89 0.00	14.87 0.71 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.15 1.07 0.00	21.79 0.90 0.00	17.66 0.86 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.41 0.75 0.00	19.93 0.77 0.00	18.31 0.89 0.00	20.96 0.87 -0.45	21.22 0.78 -5.45	16.66 0.88 -0.26	15.96 0.70 -3.33	14.06 0.56 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 1.00 0.00	18.33 1.19 0.00	30.52 0.85 -16.41	34.31 1.28 -12.21	27.57 0.46 -19.72	20.08 0.61 -10.16	17.23 0.98 0.00	19.49 0.93 0.00	14.92 0.76 0.00
PATROON__115KV_TB1 80586	22.33 0.25 0.00	21.17 0.27 0.00	17.06 0.26 0.00	17.76 0.22 0.00	16.55 0.24 0.00	17.92 0.25 0.00	19.40 0.24 0.00	17.72 0.30 0.00	20.45 0.23 -0.58	22.25 0.25 -7.01	16.10 0.25 -0.34	16.41 0.21 -4.28	13.51 0.01 0.00	11.86 0.18 -0.77	13.32 0.25 0.00	15.66 0.31 0.00	17.57 0.43 0.00	34.72 0.35 -21.11	37.09 0.57 -15.71	32.96 0.20 -25.36	22.62 0.25 -13.07	16.63 0.38 0.00	18.84 0.28 0.00	14.42 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.37 0.29 0.00	21.15 0.26 0.00	16.86 0.06 0.00	17.86 0.31 0.00	16.54 0.23 0.00	17.90 0.24 0.00	19.49 0.33 0.00	17.54 0.13 0.00	19.60 -0.09 -0.04	15.41 -0.05 -0.47	15.42 -0.11 -0.02	12.05 -0.17 -0.29	12.98 -0.52 0.00	10.81 -0.15 -0.06	12.97 -0.09 0.00	15.25 -0.11 0.00	17.10 -0.05 0.00	14.49 -0.06 -1.30	21.63 -0.16 -0.96	8.97 0.01 -1.56	10.12 0.02 -0.80	16.27 0.02 0.00	18.72 0.16 0.00	14.26 0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.07 0.99 0.00	21.80 0.91 0.00	17.61 0.81 0.00	18.28 0.74 0.00	17.01 0.70 0.00	18.43 0.76 0.00	19.97 0.81 0.00	18.30 0.89 0.00	21.03 0.92 -0.46	21.35 0.80 -5.55	16.67 0.89 -0.27	16.03 0.71 -3.39	14.06 0.56 0.00	12.16 0.65 -0.61	13.89 0.82 0.00	16.33 0.97 0.00	18.31 1.16 0.00	30.85 0.87 -16.72	34.59 1.34 -12.44	27.96 0.47 -20.09	20.26 0.60 -10.35	17.23 0.97 0.00	19.50 0.94 0.00	14.89 0.73 0.00
PEEKSKILL____ 23653	22.90 0.82 0.00	21.63 0.74 0.00	17.46 0.66 0.00	18.12 0.58 0.00	16.86 0.55 0.00	18.25 0.59 0.00	19.78 0.62 0.00	18.14 0.73 0.00	20.81 0.72 -0.45	21.01 0.66 -5.36	16.51 0.74 -0.26	15.80 0.60 -3.27	13.94 0.44 0.00	12.05 0.56 -0.59	13.79 0.72 0.00	16.20 0.85 0.00	18.17 1.02 0.00	30.13 0.75 -16.12	33.94 1.13 -11.99	27.17 0.39 -19.37	19.79 0.51 -9.98	17.07 0.82 0.00	19.34 0.78 0.00	14.77 0.61 0.00
PGE MADISON__WINDPWR 24146	23.39 1.31 0.00	22.10 1.21 0.00	17.64 0.84 0.00	18.44 0.89 0.00	17.08 0.77 0.00	18.47 0.81 0.00	20.14 0.98 0.00	18.34 0.93 0.00	20.52 0.80 -0.08	16.54 0.65 -0.89	16.00 0.45 -0.04	12.67 0.19 -0.54	13.26 -0.24 0.00	11.15 0.15 -0.10	13.34 0.28 0.00	15.76 0.41 0.00	17.84 0.70 0.00	16.61 0.76 -2.60	24.17 1.42 -1.93	11.08 0.56 -3.12	11.59 0.68 -1.61	17.42 1.17 0.00	19.82 1.26 0.00	15.06 0.90 0.00
PIERCEFIELD__HYD 23852	21.68 -0.40 0.00	20.52 -0.37 0.00	16.49 -0.31 0.00	17.21 -0.34 0.00	15.99 -0.32 0.00	17.31 -0.35 0.00	18.80 -0.36 0.00	17.06 -0.35 0.00	19.22 -0.42 0.00	14.64 -0.35 0.00	15.11 -0.40 0.00	11.62 -0.32 0.00	13.17 -0.34 0.00	10.60 -0.30 0.00	12.67 -0.39 0.00	14.88 -0.48 0.00	16.52 -0.62 0.00	12.77 -0.48 0.00	20.10 -0.72 0.00	7.13 -0.27 0.00	8.95 -0.35 0.00	15.70 -0.55 0.00	18.04 -0.52 0.00	13.76 -0.40 0.00
PINELAWN_CC_1 323563	23.58 1.50 0.00	22.21 1.32 0.00	17.93 1.13 0.00	18.61 1.06 0.00	17.29 0.98 0.00	18.72 1.05 0.00	20.27 1.11 0.00	18.65 1.23 0.00	21.45 1.35 -0.45	22.09 1.13 -5.97	21.35 1.30 -4.54	22.59 1.03 -9.62	18.79 0.89 -4.40	16.89 0.94 -5.05	19.18 1.17 -4.95	23.26 1.34 -6.56	31.32 1.56 -12.61	57.97 1.13 -43.58	94.67 1.69 -72.16	59.73 0.63 -51.70	92.75 0.83 -82.62	32.89 1.37 -15.26	32.61 1.39 -12.66	26.66 1.09 -11.41
PJM_GEN_HTP_PROXY 323702	23.06 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.90 0.74 0.00	18.27 0.86 0.00	20.96 0.88 -0.43	21.22 0.77 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.86 0.00	16.35 1.00 0.00	18.33 1.19 0.00	30.52 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.19 0.94 0.00	19.46 0.90 0.00	14.86 0.70 0.00
PJM_GEN_KEystone 24065	22.49 0.41 0.00	21.68 0.37 -0.43	17.05 0.25 0.00	17.85 0.30 0.00	16.57 0.26 0.00	17.95 0.28 0.00	19.48 0.32 0.00	17.73 0.32 0.00	20.09 0.21 -0.23	18.25 0.24 -3.02	15.79 0.23 -0.05	13.88 0.16 -1.78	13.38 -0.11 0.01	11.40 0.17 -0.34	13.33 0.26 0.00	15.64 0.29 0.00	17.55 0.40 0.00	22.58 0.29 -9.04	27.90 0.35 -6.72	18.40 0.15 -10.86	15.08 0.19 -5.59	16.54 0.29 0.00	18.89 0.33 0.00	14.41 0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.26 1.18 0.00	21.91 1.02 0.00	17.70 0.90 0.00	18.37 0.82 0.00	17.07 0.76 0.00	18.48 0.82 0.00	20.01 0.85 0.00	18.40 0.98 0.00	21.14 1.06 -0.43	21.40 0.90 -5.51	17.25 1.07 -0.67	16.67 0.87 -3.87	14.70 0.72 -0.48	12.79 0.80 -1.09	14.60 1.00 -0.54	17.25 1.16 -0.74	23.34 1.34 -4.86	42.20 0.94 -28.01	47.25 1.40 -25.03	44.66 0.52 -36.74	77.59 0.69 -67.60	19.91 1.14 -2.52	30.29 1.10 -10.63	24.19 0.88 -9.15
PJM_GEN_VFT_PROXY 323633	22.98 0.90 0.00	21.68 0.79 0.00	17.52 0.72 0.00	18.11 0.57 0.00	16.86 0.55 0.00	18.24 0.58 0.00	19.78 0.62 0.00	18.17 0.76 0.00	20.82 0.74 -0.43	21.12 0.68 -5.45	15.22 0.79 1.08	15.03 0.64 -2.45	13.90 0.50 0.10	12.12 0.62 -0.60	13.85 0.79 0.00	16.26 0.91 0.00	18.24 1.09 0.00	30.44 0.77 -16.41	34.14 1.11 -12.21	27.52 0.40 -19.72	19.99 0.52 -10.16	17.08 0.83 0.00	19.35 0.78 0.00	14.79 0.63 0.00
PLATSBRG_115KV_PMLD1 355749	22.92 0.84 0.00	21.60 0.71 0.00	17.40 0.60 0.00	18.17 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.65 0.00	17.97 0.56 0.00	20.28 0.63 0.00	15.45 0.46 0.00	15.85 0.33 0.00	12.26 0.32 0.00	13.83 0.33 0.00	11.09 0.19 0.00	13.10 0.04 0.00	15.33 -0.03 0.00	17.04 -0.10 0.00	13.16 -0.10 0.00	20.48 -0.34 0.00	7.19 -0.22 0.00	8.99 -0.31 0.00	15.85 -0.41 0.00	18.44 -0.12 0.00	14.18 0.02 0.00

PLEASANTVLY___LBMP 24000	22.78 0.70 0.00	21.55 0.65 0.00	17.41 0.61 0.00	18.08 0.54 0.00	16.82 0.51 0.00	18.22 0.56 0.00	19.74 0.58 0.00	18.08 0.66 0.00	20.78 0.65 -0.49	21.42 0.59 -5.84	16.45 0.66 -0.28	16.03 0.54 -3.56	13.87 0.37 0.00	12.04 0.49 -0.64	13.70 0.63 0.00	16.10 0.74 0.00	18.04 0.89 0.00	31.48 0.65 -17.57	34.89 1.00 -13.07	28.86 0.35 -21.11	20.63 0.45 -10.88	16.97 0.72 0.00	19.23 0.67 0.00	14.70 0.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.96 0.88 0.00	21.70 0.81 0.00	17.53 0.73 0.00	18.18 0.64 0.00	16.92 0.61 0.00	18.33 0.67 0.00	19.87 0.71 0.00	18.21 0.80 0.00	20.91 0.80 -0.46	21.22 0.71 -5.52	16.58 0.81 -0.27	15.95 0.65 -3.37	13.99 0.49 0.00	12.11 0.60 -0.61	13.84 0.77 0.00	16.25 0.90 0.00	18.22 1.08 0.00	30.66 0.79 -16.62	34.37 1.19 -12.36	27.79 0.42 -19.96	20.13 0.54 -10.29	17.13 0.88 0.00	19.41 0.85 0.00	14.82 0.66 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	22.96 0.88 0.00	21.70 0.81 0.00	17.53 0.73 0.00	18.18 0.64 0.00	16.92 0.61 0.00	18.33 0.67 0.00	19.87 0.71 0.00	18.21 0.80 0.00	20.91 0.80 -0.46	21.22 0.71 -5.52	16.58 0.81 -0.27	15.95 0.65 -3.37	13.99 0.49 0.00	12.11 0.60 -0.61	13.84 0.77 0.00	16.25 0.90 0.00	18.22 1.08 0.00	30.66 0.79 -16.62	34.37 1.19 -12.36	27.79 0.42 -19.96	20.13 0.54 -10.29	17.13 0.88 0.00	19.41 0.85 0.00	14.82 0.66 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.93 0.85 0.00	21.69 0.80 0.00	17.53 0.73 0.00	18.20 0.66 0.00	16.94 0.63 0.00	18.35 0.68 0.00	19.89 0.73 0.00	18.21 0.80 0.00	20.92 0.80 -0.47	21.34 0.70 -5.65	16.56 0.78 -0.27	16.00 0.62 -3.45	13.96 0.45 0.00	12.08 0.56 -0.62	13.78 0.71 0.00	16.20 0.85 0.00	18.16 1.02 0.00	31.03 0.77 -17.01	34.67 1.20 -12.65	28.25 0.42 -20.43	20.36 0.53 -10.53	17.11 0.86 0.00	19.38 0.82 0.00	14.82 0.65 0.00
POLETTI____ 23519	23.04 0.96 0.00	21.74 0.85 0.00	17.58 0.78 0.00	18.20 0.65 0.00	16.94 0.63 0.00	18.34 0.67 0.00	19.86 0.71 0.00	18.25 0.84 0.00	20.94 0.84 -0.45	21.20 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.34 0.99 0.00	18.30 1.16 0.00	30.49 0.83 -16.41	34.23 1.21 -12.21	27.55 0.43 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.44 0.88 0.00	14.85 0.69 0.00
POMONA___ESR 323819	22.90 0.82 0.00	21.64 0.74 0.00	17.46 0.66 0.00	18.11 0.57 0.00	16.85 0.54 0.00	18.25 0.58 0.00	19.78 0.62 0.00	18.14 0.72 0.00	20.79 0.72 -0.43	20.77 0.65 -5.13	16.49 0.73 -0.25	15.66 0.60 -3.13	13.94 0.44 0.00	12.03 0.56 -0.57	13.80 0.73 0.00	16.22 0.87 0.00	18.19 1.04 0.00	29.46 0.78 -15.43	33.47 1.17 -11.48	26.34 0.40 -18.54	19.37 0.52 -9.55	17.08 0.82 0.00	19.36 0.79 0.00	14.77 0.61 0.00
PORT_JEFF_3 23555	23.76 1.68 0.00	22.36 1.47 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.86 1.20 0.00	20.42 1.26 0.00	18.80 1.39 0.00	21.62 1.52 -0.45	21.94 1.26 -5.69	19.17 1.47 -2.18	19.21 1.16 -6.12	16.53 1.02 -2.02	14.58 1.04 -2.64	16.62 1.29 -2.27	19.89 1.51 -3.02	26.80 1.74 -7.91	48.63 1.23 -34.15	66.19 1.84 -43.53	50.77 0.70 -42.66	83.92 0.92 -73.70	25.29 1.53 -7.50	31.56 1.55 -11.45	25.43 1.20 -10.06
PORT_JEFF_4 23616	23.76 1.68 0.00	22.36 1.47 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.86 1.20 0.00	20.42 1.26 0.00	18.80 1.39 0.00	21.62 1.52 -0.45	21.94 1.26 -5.69	19.17 1.47 -2.18	19.21 1.16 -6.12	16.53 1.02 -2.02	14.58 1.04 -2.64	16.62 1.29 -2.27	19.89 1.51 -3.02	26.80 1.74 -7.91	48.63 1.23 -34.15	66.19 1.84 -43.53	50.77 0.70 -42.66	83.92 0.92 -73.70	25.29 1.53 -7.50	31.56 1.55 -11.45	25.43 1.20 -10.06
PORT_JEFF_IC 23713	23.79 1.71 0.00	22.39 1.50 0.00	18.09 1.29 0.00	18.77 1.23 0.00	17.44 1.14 0.00	18.88 1.22 0.00	20.43 1.28 0.00	18.83 1.41 0.00	21.65 1.55 -0.45	21.97 1.28 -5.70	19.25 1.49 -2.25	19.33 1.17 -6.22	16.62 1.04 -2.08	14.67 1.06 -2.71	16.72 1.31 -2.34	20.02 1.54 -3.13	26.97 1.77 -8.05	48.91 1.22 -34.44	67.04 1.84 -44.38	51.06 0.72 -42.94	84.24 0.94 -74.00	25.54 1.56 -7.73	31.62 1.57 -11.49	25.48 1.22 -10.11
PPL PILGRIM_ST_GT1 24216	23.79 1.71 0.00	22.38 1.49 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.87 1.20 0.00	20.43 1.27 0.00	18.80 1.38 0.00	21.62 1.52 -0.45	21.99 1.26 -5.73	19.51 1.45 -2.55	19.74 1.14 -6.67	16.89 1.00 -2.39	14.95 1.04 -3.02	17.03 1.28 -2.69	20.42 1.49 -3.58	27.53 1.72 -8.66	50.15 1.24 -35.65	70.63 1.75 -48.06	52.15 0.64 -44.11	85.40 0.91 -75.18	26.49 1.52 -8.72	31.75 1.54 -11.65	25.65 1.21 -10.28
PPL PILGRIM_ST_GT2 24217	23.79 1.71 0.00	22.38 1.49 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.87 1.20 0.00	20.43 1.27 0.00	18.80 1.38 0.00	21.62 1.52 -0.45	21.99 1.26 -5.73	19.51 1.45 -2.55	19.74 1.14 -6.67	16.89 1.00 -2.39	14.95 1.04 -3.02	17.03 1.28 -2.69	20.42 1.49 -3.58	27.53 1.72 -8.66	50.15 1.24 -35.65	70.63 1.75 -48.06	52.15 0.64 -44.11	85.40 0.91 -75.18	26.49 1.52 -8.72	31.75 1.54 -11.65	25.65 1.21 -10.28
PPL_SHRM_GT3 24213	23.92 1.84 0.00	22.50 1.61 0.00	18.19 1.39 0.00	18.87 1.33 0.00	17.54 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.52 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.33 1.60 -2.21	19.36 1.25 -6.17	16.66 1.12 -2.05	14.69 1.12 -2.67	16.75 1.38 -2.30	20.06 1.63 -3.07	27.02 1.89 -7.98	48.90 1.35 -34.29	66.83 2.07 -43.94	50.98 0.78 -42.80	84.15 1.01 -73.84	25.56 1.69 -7.61	31.74 1.70 -11.47	25.55 1.31 -10.08
PPL_SHRM_GT4 24214	23.92 1.84 0.00	22.50 1.61 0.00	18.19 1.39 0.00	18.87 1.33 0.00	17.54 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.52 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.33 1.60 -2.21	19.36 1.25 -6.17	16.66 1.12 -2.05	14.69 1.12 -2.67	16.75 1.38 -2.30	20.06 1.63 -3.07	27.02 1.89 -7.98	48.90 1.35 -34.29	66.83 2.07 -43.94	50.98 0.78 -42.80	84.15 1.01 -73.84	25.56 1.69 -7.61	31.74 1.70 -11.47	25.55 1.31 -10.08
PROJECT___ORANGE 1 24174	22.06 -0.02 0.00	20.85 -0.04 0.00	16.73 -0.07 0.00	17.51 -0.03 0.00	16.27 -0.04 0.00	17.62 -0.05 0.00	19.14 -0.02 0.00	17.35 -0.07 0.00	19.28 -0.39 -0.03	15.06 -0.21 -0.28	15.25 -0.27 -0.01	11.88 -0.22 -0.17	12.82 -0.68 0.00	10.78 -0.16 -0.04	12.99 -0.08 0.00	15.27 -0.09 0.00	17.11 -0.03 0.00	14.00 0.03 -0.71	21.43 0.08 -0.53	8.30 0.04 -0.86	9.78 0.04 -0.44	16.28 0.02 0.00	18.57 0.01 0.00	14.15 -0.01 0.00
PROJECT___ORANGE 2 24166	22.06 -0.02 0.00	20.85 -0.04 0.00	16.73 -0.07 0.00	17.51 -0.03 0.00	16.27 -0.04 0.00	17.62 -0.05 0.00	19.14 -0.02 0.00	17.35 -0.07 0.00	19.28 -0.39 -0.03	15.06 -0.21 -0.28	15.25 -0.27 -0.01	11.88 -0.22 -0.17	12.82 -0.68 0.00	10.78 -0.16 -0.04	12.99 -0.08 0.00	15.27 -0.09 0.00	17.11 -0.03 0.00	14.00 0.03 -0.71	21.43 0.08 -0.53	8.30 0.04 -0.86	9.78 0.04 -0.44	16.28 0.02 0.00	18.57 0.01 0.00	14.15 -0.01 0.00

PUCKETT___SOLAR 323809	22.53 0.45 0.00	21.26 0.37 0.00	17.02 0.22 0.00	17.85 0.31 0.00	16.58 0.27 0.00	17.96 0.29 0.00	19.52 0.36 0.00	17.71 0.30 0.00	19.83 0.10 -0.08	16.04 0.12 -0.92	15.54 -0.01 -0.04	12.44 -0.06 -0.56	13.05 -0.46 0.00	10.96 -0.05 -0.11	13.11 0.04 0.00	15.41 0.06 0.00	17.35 0.20 0.00	16.20 0.25 -2.69	23.29 0.47 -2.00	10.84 0.21 -3.23	11.21 0.24 -1.67	16.64 0.39 0.00	18.99 0.43 0.00	14.47 0.31 0.00
PYRITES___HYD 24023	22.07 -0.01 0.00	20.88 -0.01 0.00	16.78 -0.03 0.00	17.51 -0.03 0.00	16.28 -0.03 0.00	17.63 -0.04 0.00	19.15 -0.01 0.00	17.39 -0.03 0.00	19.57 -0.08 0.00	14.88 -0.11 0.00	15.33 -0.18 0.00	11.78 -0.15 0.00	13.38 -0.12 0.00	10.77 -0.13 0.00	12.87 -0.19 0.00	15.11 -0.24 0.00	16.78 -0.36 0.00	12.98 -0.28 0.00	20.48 -0.34 0.00	7.29 -0.11 0.00	9.16 -0.14 0.00	16.07 -0.19 0.00	18.44 -0.12 0.00	14.05 -0.12 0.00
QUAKERRD_115KV_BK1 80622	21.70 -0.39 0.00	20.53 -0.36 0.00	16.43 -0.37 0.00	17.27 -0.27 0.00	16.03 -0.27 0.00	17.37 -0.30 0.00	18.89 -0.27 0.00	17.06 -0.36 0.00	19.00 -0.67 -0.03	14.88 -0.46 -0.35	14.98 -0.55 -0.02	11.70 -0.45 -0.21	12.61 -0.89 0.00	10.54 -0.41 -0.05	12.68 -0.39 0.00	14.91 -0.44 0.00	16.71 -0.43 0.00	13.90 -0.27 -0.91	21.13 -0.37 -0.68	8.40 -0.10 -1.10	9.73 -0.14 -0.56	15.95 -0.30 0.00	18.25 -0.31 0.00	13.90 -0.27 0.00
QUEENSBRY_115KV_TB8 356137	23.34 1.26 0.00	22.04 1.15 0.00	17.82 1.02 0.00	18.56 1.02 0.00	17.26 0.95 0.00	18.73 1.07 0.00	20.37 1.21 0.00	18.62 1.20 0.00	21.55 1.31 -0.59	23.14 1.04 -7.10	16.72 0.87 -0.34	16.95 0.68 -4.34	13.93 0.43 0.00	12.17 0.49 -0.78	13.68 0.61 0.00	16.11 0.75 0.00	18.13 0.99 0.00	35.55 0.89 -21.40	38.14 1.40 -15.92	33.63 0.51 -25.71	23.22 0.67 -13.25	17.37 1.11 0.00	19.76 1.19 0.00	15.05 0.89 0.00
RAMAPO___LBMP 323565	22.82 0.74 0.00	21.56 0.67 0.00	17.40 0.60 0.00	18.05 0.51 0.00	16.79 0.48 0.00	18.19 0.53 0.00	19.71 0.55 0.00	18.07 0.66 0.00	20.71 0.64 -0.42	20.67 0.58 -5.10	16.42 0.66 -0.24	15.59 0.54 -3.11	13.88 0.37 0.00	11.98 0.51 -0.56	13.74 0.67 0.00	16.14 0.79 0.00	18.10 0.95 0.00	29.31 0.71 -15.34	33.30 1.06 -11.41	26.20 0.37 -18.43	19.27 0.47 -9.50	17.01 0.75 0.00	19.27 0.71 0.00	14.71 0.55 0.00
RANKINE____ 23646	22.40 0.32 0.00	21.19 0.30 0.00	16.89 0.10 0.00	17.90 0.35 0.00	16.58 0.27 0.00	17.95 0.28 0.00	19.53 0.37 0.00	17.56 0.14 0.00	19.60 -0.08 -0.04	15.42 -0.03 -0.46	15.42 -0.11 -0.02	12.07 -0.15 -0.28	13.00 -0.50 0.00	10.81 -0.15 -0.06	12.98 -0.08 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.48 -0.04 -1.27	21.66 -0.10 -0.94	8.96 0.03 -1.53	10.13 0.04 -0.79	16.29 0.04 0.00	18.73 0.17 0.00	14.27 0.11 0.00
RAVENSWOOD_GT2_1 24244	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.19 0.93 0.00	19.46 0.90 0.00	14.87 0.71 0.00
RAVENSWOOD_GT2_2 24245	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.19 0.93 0.00	19.46 0.90 0.00	14.87 0.71 0.00
RAVENSWOOD_GT2_3 24246	23.06 0.98 0.00	21.76 0.87 0.00	17.60 0.80 0.00	18.22 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.27 0.86 0.00	20.96 0.87 -0.45	21.22 0.77 -5.45	16.66 0.89 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.86 0.00	16.35 1.00 0.00	18.32 1.18 0.00	30.52 0.85 -16.41	34.28 1.25 -12.21	27.56 0.45 -19.72	20.05 0.59 -10.16	17.20 0.95 0.00	19.47 0.91 0.00	14.88 0.72 0.00
RAVENSWOOD_GT2_4 24247	23.06 0.98 0.00	21.76 0.87 0.00	17.60 0.80 0.00	18.22 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.27 0.86 0.00	20.96 0.87 -0.45	21.22 0.77 -5.45	16.66 0.89 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.86 0.00	16.35 1.00 0.00	18.32 1.18 0.00	30.52 0.85 -16.41	34.28 1.25 -12.21	27.56 0.45 -19.72	20.05 0.59 -10.16	17.20 0.95 0.00	19.47 0.91 0.00	14.88 0.72 0.00
RAVENSWOOD_GT3_1 24248	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.19 0.93 0.00	19.46 0.90 0.00	14.87 0.71 0.00
RAVENSWOOD_GT3_2 24249	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.19 0.93 0.00	19.46 0.90 0.00	14.87 0.71 0.00
RAVENSWOOD_GT3_3 24250	23.09 1.01 0.00	21.79 0.89 0.00	17.61 0.81 0.00	18.24 0.69 0.00	16.97 0.67 0.00	18.38 0.72 0.00	19.90 0.75 0.00	18.36 0.94 0.00	20.95 0.85 -0.45	21.21 0.76 -5.45	16.67 0.90 -0.26	15.99 0.73 -3.33	14.09 0.59 0.00	12.18 0.69 -0.60	13.94 0.87 0.00	16.37 1.02 0.00	18.35 1.20 0.00	30.54 0.87 -16.41	34.31 1.28 -12.21	27.57 0.46 -19.72	20.06 0.60 -10.16	17.22 0.96 0.00	19.49 0.93 0.00	14.89 0.73 0.00
RAVENSWOOD_GT3_4 24251	23.09 1.01 0.00	21.79 0.89 0.00	17.61 0.81 0.00	18.24 0.69 0.00	16.97 0.67 0.00	18.38 0.72 0.00	19.90 0.75 0.00	18.36 0.94 0.00	20.95 0.85 -0.45	21.21 0.76 -5.45	16.67 0.90 -0.26	15.99 0.73 -3.33	14.09 0.59 0.00	12.18 0.69 -0.60	13.94 0.87 0.00	16.37 1.02 0.00	18.35 1.20 0.00	30.54 0.87 -16.41	34.31 1.28 -12.21	27.57 0.46 -19.72	20.06 0.60 -10.16	17.22 0.96 0.00	19.49 0.93 0.00	14.89 0.73 0.00
RAVENSWOOD_GT_1 23729	23.14 1.06 0.00	21.83 0.94 0.00	17.65 0.85 0.00	18.27 0.73 0.00	17.00 0.69 0.00	18.41 0.74 0.00	19.94 0.78 0.00	18.33 0.91 0.00	21.02 0.92 -0.45	21.26 0.82 -5.45	16.71 0.93 -0.26	16.02 0.76 -3.33	14.12 0.62 0.00	12.22 0.71 -0.60	13.96 0.90 0.00	16.41 1.06 0.00	18.39 1.25 0.00	30.57 0.90 -16.41	34.36 1.34 -12.21	27.60 0.48 -19.72	20.10 0.63 -10.16	17.27 1.01 0.00	19.55 0.98 0.00	14.92 0.77 0.00

RAVENSWOOD_GT_10 24258	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.56 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.71 0.00
RAVENSWOOD_GT_11 24259	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.35 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.56 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.99 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.70 0.00
RAVENSWOOD_GT_4 24252	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.06 0.56 0.00	12.17 0.66 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.31 1.17 0.00	30.51 0.84 -16.41	34.26 1.24 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.70 0.00
RAVENSWOOD_GT_5 24254	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.06 0.56 0.00	12.17 0.66 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.31 1.17 0.00	30.51 0.84 -16.41	34.26 1.24 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.70 0.00
RAVENSWOOD_GT_6 24253	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.06 0.56 0.00	12.17 0.66 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.31 1.17 0.00	30.51 0.84 -16.41	34.26 1.24 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.70 0.00
RAVENSWOOD_GT_7 24255	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.20 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.06 0.56 0.00	12.17 0.66 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.31 1.17 0.00	30.51 0.84 -16.41	34.26 1.24 -12.21	27.56 0.44 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.56 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.71 0.00
RAVENSWOOD_GT_9 24257	23.05 0.97 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.95 0.64 0.00	18.36 0.69 0.00	19.88 0.72 0.00	18.26 0.84 0.00	20.94 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.56 0.00	12.17 0.67 -0.60	13.91 0.85 0.00	16.34 0.98 0.00	18.32 1.18 0.00	30.51 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.18 0.93 0.00	19.46 0.90 0.00	14.86 0.71 0.00
RAVENSWOOD___1 23533	23.08 1.00 0.00	21.78 0.88 0.00	17.61 0.81 0.00	18.23 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.28 0.87 0.00	20.97 0.87 -0.45	21.22 0.78 -5.45	16.67 0.90 -0.26	15.98 0.72 -3.33	14.08 0.58 0.00	12.19 0.69 -0.60	13.93 0.87 0.00	16.37 1.02 0.00	18.36 1.21 0.00	30.53 0.87 -16.41	34.31 1.28 -12.21	27.58 0.46 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.50 0.94 0.00	14.89 0.73 0.00
RAVENSWOOD___2 23534	23.08 1.00 0.00	21.78 0.88 0.00	17.61 0.81 0.00	18.23 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.28 0.87 0.00	20.97 0.87 -0.45	21.22 0.78 -5.45	16.67 0.90 -0.26	15.98 0.72 -3.33	14.08 0.58 0.00	12.19 0.69 -0.60	13.93 0.87 0.00	16.37 1.02 0.00	18.36 1.21 0.00	30.53 0.87 -16.41	34.31 1.28 -12.21	27.58 0.46 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.50 0.94 0.00	14.89 0.73 0.00
RAVENSWOOD___3 23535	23.06 0.98 0.00	21.76 0.87 0.00	17.59 0.79 0.00	18.22 0.67 0.00	16.96 0.65 0.00	18.35 0.69 0.00	19.88 0.72 0.00	18.26 0.85 0.00	20.95 0.85 -0.45	21.21 0.76 -5.45	16.65 0.88 -0.26	15.97 0.71 -3.33	14.07 0.57 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 0.99 0.00	18.32 1.18 0.00	30.52 0.85 -16.41	34.27 1.24 -12.21	27.56 0.45 -19.72	20.04 0.58 -10.16	17.19 0.94 0.00	19.47 0.90 0.00	14.87 0.71 0.00
RAVENSWOOD___4 23820	23.08 1.00 0.00	21.78 0.88 0.00	17.61 0.81 0.00	18.23 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.28 0.87 0.00	20.97 0.87 -0.45	21.22 0.78 -5.45	16.67 0.90 -0.26	15.98 0.72 -3.33	14.08 0.58 0.00	12.19 0.69 -0.60	13.93 0.87 0.00	16.37 1.02 0.00	18.36 1.21 0.00	30.53 0.87 -16.41	34.31 1.28 -12.21	27.58 0.46 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.50 0.94 0.00	14.89 0.73 0.00
RCPL_TRUST___DRP 24196	23.09 1.01 0.00	21.79 0.90 0.00	17.61 0.81 0.00	18.23 0.69 0.00	16.97 0.66 0.00	18.38 0.72 0.00	19.92 0.76 0.00	18.30 0.89 0.00	21.00 0.91 -0.45	21.24 0.80 -5.45	16.68 0.90 -0.26	15.99 0.73 -3.33	14.09 0.59 0.00	12.19 0.69 -0.60	13.94 0.87 0.00	16.37 1.02 0.00	18.35 1.21 0.00	30.54 0.87 -16.41	34.30 1.28 -12.21	27.57 0.45 -19.72	20.05 0.59 -10.16	17.22 0.97 0.00	19.49 0.93 0.00	14.88 0.72 0.00
RED___ROCHESTER 323720	22.35 0.27 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.90 0.23 0.00	19.47 0.31 0.00	17.58 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.36	15.42 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.05 -0.02 0.00	15.32 -0.03 0.00	17.18 0.03 0.00	14.30 0.10 -0.95	21.76 0.23 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00
REGAN___SOLAR 323812	24.28 2.20 0.00	23.01 2.12 0.00	18.42 1.62 0.00	19.25 1.71 0.00	17.92 1.61 0.00	19.40 1.74 0.00	21.09 1.93 0.00	19.03 1.61 0.00	21.88 1.64 -0.60	23.29 1.15 -7.15	16.68 0.81 -0.36	16.63 0.33 -4.36	13.44 -0.06 0.00	11.86 0.17 -0.79	13.21 0.15 0.00	15.62 0.27 0.00	17.61 0.47 0.00	35.77 0.98 -21.53	39.21 2.37 -16.02	34.06 0.79 -25.87	23.63 1.00 -13.33	18.00 1.74 0.00	20.49 1.93 0.00	15.54 1.38 0.00

RENSSELAER___COGEN 23796	22.23 0.15 0.00	21.06 0.17 0.00	16.98 0.18 0.00	17.67 0.13 0.00	16.47 0.16 0.00	17.83 0.16 0.00	19.30 0.14 0.00	17.63 0.21 0.00	20.35 0.12 -0.58	22.12 0.16 -6.97	16.01 0.16 -0.34	16.32 0.13 -4.25	13.44 -0.06 0.00	11.79 0.13 -0.77	13.24 0.18 0.00	15.57 0.22 0.00	17.46 0.32 0.00	34.51 0.26 -21.00	36.86 0.42 -15.62	32.77 0.15 -25.22	22.49 0.19 -13.00	16.54 0.28 0.00	18.73 0.17 0.00	14.35 0.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.07 1.99 0.00	22.63 1.74 0.00	18.29 1.50 0.00	19.06 1.51 0.00	17.65 1.34 0.00	19.22 1.55 0.00	20.96 1.81 0.00	19.34 1.92 0.00	22.44 2.21 -0.59	23.77 1.67 -7.10	17.26 1.41 -0.34	17.39 1.12 -4.33	14.42 0.92 0.00	12.59 0.90 -0.78	14.13 1.07 0.00	16.63 1.28 0.00	18.78 1.63 0.00	36.17 1.53 -21.39	39.10 2.37 -15.91	34.01 0.90 -25.70	23.62 1.08 -13.24	18.07 1.82 0.00	20.42 1.87 0.00	15.49 1.33 0.00
REVERE_CPPR_DRP 24186	22.68 0.60 0.00	21.44 0.55 0.00	17.20 0.40 0.00	17.96 0.42 0.00	16.68 0.38 0.00	18.08 0.42 0.00	19.64 0.48 0.00	17.82 0.40 0.00	19.90 0.24 -0.02	15.41 0.27 -0.15	15.70 0.18 -0.01	12.07 0.05 -0.09	13.10 -0.41 0.00	10.94 0.02 -0.03	13.20 0.14 0.00	15.54 0.18 0.00	17.45 0.30 0.00	13.98 0.33 -0.39	21.79 0.68 -0.29	8.12 0.25 -0.47	9.81 0.26 -0.24	16.63 0.37 0.00	18.95 0.39 0.00	14.44 0.28 0.00
REYNOLDS_115KV_TB3 80639	22.36 0.28 0.00	21.19 0.30 0.00	17.08 0.27 0.00	17.78 0.23 0.00	16.56 0.24 0.00	17.93 0.27 0.00	19.42 0.26 0.00	17.73 0.32 0.00	20.46 0.24 -0.58	22.21 0.25 -6.97	16.10 0.24 -0.34	16.39 0.21 -4.25	13.51 0.00 0.00	11.85 0.18 -0.77	13.32 0.25 0.00	15.66 0.30 0.00	17.55 0.41 0.00	34.58 0.33 -20.99	36.98 0.55 -15.61	32.81 0.19 -25.21	22.53 0.24 -12.99	16.62 0.37 0.00	18.83 0.27 0.00	14.42 0.26 0.00
RIVERBAY____ 323610	23.15 1.07 0.00	21.79 0.90 0.00	17.66 0.86 0.00	18.25 0.71 0.00	16.99 0.68 0.00	18.41 0.75 0.00	19.93 0.77 0.00	18.31 0.89 0.00	20.96 0.87 -0.45	21.22 0.78 -5.45	16.66 0.88 -0.26	15.96 0.70 -3.33	14.06 0.56 0.00	12.17 0.67 -0.60	13.92 0.85 0.00	16.35 1.00 0.00	18.33 1.19 0.00	30.52 0.85 -16.41	34.31 1.28 -12.21	27.57 0.46 -19.72	20.08 0.61 -10.16	17.23 0.98 0.00	19.49 0.93 0.00	14.92 0.76 0.00
RIVERSDE_115KV_TB3 55908	22.30 0.22 0.00	21.14 0.24 0.00	17.04 0.23 0.00	17.73 0.19 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.37 0.21 0.00	17.69 0.28 0.00	20.41 0.19 -0.58	22.19 0.22 -6.98	16.07 0.22 -0.34	16.37 0.18 -4.26	13.48 -0.02 0.00	11.83 0.16 -0.77	13.29 0.23 0.00	15.62 0.27 0.00	17.53 0.38 0.00	34.60 0.31 -21.03	36.97 0.51 -15.65	32.85 0.18 -25.27	22.54 0.22 -13.02	16.60 0.34 0.00	18.80 0.24 0.00	14.39 0.23 0.00
ROARING___BROOK_WT_PWR 323790	21.81 -0.27 0.00	20.65 -0.24 0.00	16.58 -0.22 0.00	17.29 -0.26 0.00	16.10 -0.21 0.00	17.42 -0.24 0.00	18.88 -0.28 0.00	17.10 -0.31 0.00	19.20 -0.44 0.00	14.83 -0.17 0.00	15.32 -0.19 0.00	11.66 -0.28 0.00	12.78 -0.72 0.00	10.69 -0.21 0.00	12.92 -0.15 0.00	15.21 -0.15 0.00	17.02 -0.13 0.00	13.21 -0.04 0.00	20.70 -0.12 0.00	7.29 -0.11 0.00	9.10 -0.20 0.00	15.79 -0.46 0.00	18.06 -0.50 0.00	13.81 -0.35 0.00
ROCHESRG_115KV_T4 355643	22.18 0.10 0.00	21.00 0.11 0.00	16.79 -0.01 0.00	17.68 0.14 0.00	16.40 0.09 0.00	17.76 0.09 0.00	19.32 0.16 0.00	17.43 0.02 0.00	19.41 -0.26 -0.03	15.19 -0.15 -0.35	15.29 -0.24 -0.02	11.94 -0.21 -0.22	12.88 -0.62 0.00	10.74 -0.20 -0.05	12.92 -0.14 0.00	15.19 -0.16 0.00	17.02 -0.13 0.00	14.16 -0.04 -0.94	21.51 -0.02 -0.70	8.57 0.04 -1.13	9.92 0.04 -0.58	16.26 0.00 0.00	18.63 0.07 0.00	14.18 0.02 0.00
ROCHESTER_9_IC 23652	22.29 0.21 0.00	21.10 0.21 0.00	16.87 0.07 0.00	17.76 0.22 0.00	16.47 0.16 0.00	17.84 0.17 0.00	19.41 0.25 0.00	17.51 0.10 0.00	19.50 -0.17 -0.03	15.27 -0.08 -0.36	15.36 -0.17 -0.02	11.99 -0.16 -0.22	12.94 -0.56 0.00	10.79 -0.15 -0.05	12.99 -0.07 0.00	15.26 -0.09 0.00	17.10 -0.04 0.00	14.23 0.03 -0.95	21.64 0.11 -0.70	8.62 0.08 -1.14	9.98 0.10 -0.59	16.35 0.10 0.00	18.73 0.16 0.00	14.25 0.09 0.00
ROCKVIEW_13_KV_LD 356306	23.05 0.97 0.00	21.77 0.88 0.00	17.59 0.79 0.00	18.23 0.69 0.00	16.97 0.66 0.00	18.37 0.71 0.00	19.91 0.75 0.00	18.27 0.85 0.00	20.99 0.89 -0.45	21.23 0.78 -5.45	16.66 0.88 -0.26	15.97 0.71 -3.33	14.07 0.56 0.00	12.16 0.66 -0.60	13.90 0.84 0.00	16.34 0.99 0.00	18.31 1.17 0.00	30.53 0.86 -16.41	34.31 1.29 -12.20	27.57 0.45 -19.71	20.05 0.59 -10.16	17.20 0.95 0.00	19.49 0.93 0.00	14.88 0.72 0.00
ROME____115KV_TB2 80656	22.68 0.60 0.00	21.44 0.55 0.00	17.20 0.40 0.00	17.96 0.42 0.00	16.68 0.38 0.00	18.08 0.42 0.00	19.64 0.48 0.00	17.82 0.40 0.00	19.90 0.24 -0.02	15.41 0.27 -0.15	15.70 0.18 -0.01	12.07 0.05 -0.09	13.10 -0.41 0.00	10.94 0.02 -0.03	13.20 0.14 0.00	15.54 0.18 0.00	17.45 0.30 0.00	13.98 0.33 -0.39	21.79 0.68 -0.29	8.12 0.25 -0.47	9.81 0.26 -0.24	16.63 0.37 0.00	18.95 0.39 0.00	14.44 0.28 0.00
ROSETON___1 23587	22.78 0.70 0.00	21.54 0.64 0.00	17.39 0.59 0.00	18.06 0.52 0.00	16.81 0.50 0.00	18.20 0.54 0.00	19.72 0.56 0.00	18.06 0.64 0.00	20.72 0.63 -0.45	21.02 0.57 -5.46	16.42 0.64 -0.26	15.78 0.52 -3.33	13.85 0.35 0.00	11.98 0.48 -0.60	13.69 0.62 0.00	16.09 0.73 0.00	18.02 0.88 0.00	30.33 0.65 -16.43	34.03 0.99 -12.22	27.49 0.35 -19.74	19.92 0.44 -10.17	16.96 0.71 0.00	19.22 0.66 0.00	14.69 0.53 0.00
ROSETON___2 23588	22.78 0.70 0.00	21.54 0.64 0.00	17.39 0.59 0.00	18.06 0.52 0.00	16.81 0.50 0.00	18.20 0.54 0.00	19.72 0.56 0.00	18.06 0.64 0.00	20.72 0.63 -0.45	21.02 0.57 -5.46	16.42 0.64 -0.26	15.78 0.52 -3.33	13.85 0.35 0.00	11.98 0.48 -0.60	13.69 0.62 0.00	16.09 0.73 0.00	18.02 0.88 0.00	30.33 0.65 -16.43	34.03 0.99 -12.22	27.49 0.35 -19.74	19.92 0.44 -10.17	16.96 0.71 0.00	19.22 0.66 0.00	14.69 0.53 0.00
ROTTRDAM_115KV_TB3 80664	22.75 0.67 0.00	21.55 0.66 0.00	17.37 0.57 0.00	18.11 0.57 0.00	16.85 0.54 0.00	18.25 0.59 0.00	19.77 0.61 0.00	18.01 0.60 0.00	20.81 0.57 -0.60	22.65 0.51 -7.15	16.35 0.49 -0.35	16.67 0.38 -4.36	13.67 0.17 0.00	12.00 0.31 -0.79	13.48 0.41 0.00	15.85 0.50 0.00	17.77 0.63 0.00	35.31 0.52 -21.53	37.68 0.84 -16.02	33.57 0.30 -25.87	23.01 0.38 -13.33	16.87 0.62 0.00	19.18 0.62 0.00	14.65 0.48 0.00
RUSSELL___1 23602	22.37 0.29 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.57 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.36	15.41 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.04 -0.02 0.00	15.33 -0.02 0.00	17.18 0.04 0.00	14.30 0.10 -0.95	21.75 0.22 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00

RUSSELL___2 23532	22.37 0.29 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.57 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.02	15.41 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.04 -0.02 0.00	15.33 -0.02 0.00	17.18 0.04 0.00	14.30 0.10 -0.95	21.75 0.22 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00
RUSSELL___3 23549	22.37 0.29 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.57 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.02	15.41 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.04 -0.02 0.00	15.33 -0.02 0.00	17.18 0.04 0.00	14.30 0.10 -0.95	21.75 0.22 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00
RUSSELL___4 23556	22.37 0.29 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.57 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.02	15.41 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.04 -0.02 0.00	15.33 -0.02 0.00	17.18 0.04 0.00	14.30 0.10 -0.95	21.75 0.22 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00
RUSSELL___STATION 23914	22.37 0.29 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.57 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.02	15.41 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.04 -0.02 0.00	15.33 -0.02 0.00	17.18 0.04 0.00	14.30 0.10 -0.95	21.75 0.22 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00
S SALMON___HYD 24043	22.32 0.24 0.00	21.11 0.22 0.00	16.93 0.13 0.00	17.70 0.16 0.00	16.45 0.14 0.00	17.77 0.11 0.00	19.32 0.16 0.00	17.54 0.12 0.00	19.52 -0.14 -0.02	15.12 -0.10 -0.23	15.31 -0.21 -0.01	11.83 -0.25 -0.14	12.80 -0.70 0.00	10.73 -0.20 -0.03	12.92 -0.14 0.00	15.16 -0.19 0.00	17.00 -0.15 0.00	13.87 0.02 -0.59	21.46 0.20 -0.44	8.20 0.08 -0.71	9.71 0.05 -0.37	16.24 -0.01 0.00	18.61 0.04 0.00	14.18 0.02 0.00
S.PERRY___115KV_TB1 80734	22.94 0.86 0.00	21.68 0.79 0.00	17.33 0.53 0.00	18.26 0.72 0.00	16.94 0.63 0.00	18.35 0.69 0.00	19.97 0.81 0.00	18.03 0.61 0.00	19.91 0.22 -0.04	15.54 0.05 -0.49	15.48 -0.05 -0.02	12.15 -0.09 -0.30	13.04 -0.46 0.00	10.89 -0.07 -0.06	13.09 0.03 0.00	15.38 0.03 0.00	17.27 0.12 0.00	14.77 0.16 -1.35	22.27 0.45 -1.01	9.36 0.33 -1.63	10.52 0.38 -0.84	16.86 0.60 0.00	19.29 0.73 0.00	14.68 0.52 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.23 0.15 0.00	21.06 0.17 0.00	16.79 -0.01 0.00	17.79 0.25 0.00	16.48 0.17 0.00	17.83 0.17 0.00	19.42 0.26 0.00	17.44 0.03 0.00	19.46 -0.22 -0.04	15.30 -0.14 -0.44	15.30 -0.23 -0.02	11.97 -0.24 -0.27	12.90 -0.60 0.00	10.72 -0.24 -0.06	12.86 -0.20 0.00	15.11 -0.24 0.00	16.93 -0.22 0.00	14.32 -0.15 -1.22	21.46 -0.27 -0.91	8.85 -0.02 -1.47	10.03 -0.03 -0.76	16.16 -0.09 0.00	18.59 0.03 0.00	14.17 0.01 0.00
SAWYER___23_KV_LOAD 55526	22.23 0.15 0.00	21.06 0.17 0.00	16.79 -0.01 0.00	17.79 0.25 0.00	16.48 0.17 0.00	17.83 0.17 0.00	19.42 0.26 0.00	17.44 0.03 0.00	19.46 -0.22 -0.04	15.30 -0.14 -0.44	15.30 -0.23 -0.02	11.97 -0.24 -0.27	12.90 -0.60 0.00	10.72 -0.24 -0.06	12.86 -0.20 0.00	15.11 -0.24 0.00	16.93 -0.22 0.00	14.32 -0.15 -1.22	21.46 -0.27 -0.91	8.85 -0.02 -1.47	10.03 -0.03 -0.76	16.16 -0.09 0.00	18.59 0.03 0.00	14.17 0.01 0.00
SELKIRK___I 23801	22.54 0.46 0.00	21.36 0.47 0.00	17.21 0.40 0.00	17.93 0.38 0.00	16.70 0.39 0.00	18.08 0.41 0.00	19.56 0.41 0.00	17.85 0.43 0.00	20.59 0.38 -0.57	22.22 0.35 -6.88	16.18 0.34 -0.33	16.39 0.26 -4.20	13.58 0.08 0.00	11.89 0.23 -0.76	13.38 0.31 0.00	15.74 0.39 0.00	17.65 0.51 0.00	34.38 0.41 -20.71	36.90 0.67 -15.41	32.52 0.24 -24.88	22.42 0.30 -12.82	16.73 0.48 0.00	18.97 0.41 0.00	14.52 0.36 0.00
SELKIRK___II 23799	22.38 0.30 0.00	21.20 0.31 0.00	17.09 0.29 0.00	17.80 0.26 0.00	16.57 0.27 0.00	17.95 0.29 0.00	19.43 0.27 0.00	17.73 0.32 0.00	20.47 0.25 -0.58	22.22 0.26 -6.97	16.11 0.26 -0.34	16.39 0.26 -4.25	13.52 0.02 0.00	11.86 0.19 -0.77	13.32 0.26 0.00	15.66 0.31 0.00	17.56 0.42 0.00	34.57 0.33 -20.98	36.97 0.54 -15.61	32.80 0.19 -25.21	22.53 0.24 -12.99	16.63 0.38 0.00	18.85 0.29 0.00	14.42 0.26 0.00
SENECA OSWGO___HYD 24041	22.39 0.31 0.00	21.16 0.27 0.00	16.98 0.18 0.00	17.77 0.22 0.00	16.51 0.19 0.00	17.87 0.20 0.00	19.42 0.25 0.00	17.60 0.19 0.00	19.59 -0.08 -0.03	15.26 0.00 -0.27	15.45 -0.08 -0.01	12.01 -0.09 -0.16	12.96 -0.55 0.00	10.88 -0.06 -0.04	13.12 0.05 0.00	15.41 0.05 0.00	17.29 0.14 0.00	14.14 0.21 -0.67	21.73 0.41 -0.50	8.38 0.17 -0.81	9.90 0.18 -0.42	16.50 0.25 0.00	18.83 0.27 0.00	14.35 0.19 0.00
SENECA___115KV_TB3 355854	22.43 0.35 0.00	21.22 0.33 0.00	16.92 0.11 0.00	17.92 0.38 0.00	16.60 0.29 0.00	17.97 0.30 0.00	19.55 0.40 0.00	17.58 0.16 0.00	19.62 -0.06 -0.04	15.44 -0.01 -0.46	15.44 -0.09 -0.02	12.08 -0.13 -0.28	13.02 -0.48 0.00	10.82 -0.13 -0.06	13.00 -0.07 0.00	15.26 -0.09 0.00	17.11 -0.03 0.00	14.51 -0.02 -1.27	21.70 -0.07 -0.94	8.97 0.04 -1.53	10.15 0.06 -0.79	16.32 0.06 0.00	18.76 0.20 0.00	14.29 0.13 0.00
SENECA___ENERGY 23797	22.09 0.01 0.00	20.90 0.01 0.00	16.72 -0.08 0.00	17.53 -0.01 0.00	16.29 -0.03 0.00	17.64 -0.02 0.00	19.19 0.03 0.00	17.38 -0.03 0.00	19.32 -0.36 -0.03	15.13 -0.25 -0.38	15.19 -0.34 -0.02	11.90 -0.27 -0.23	12.78 -0.72 0.00	10.73 -0.22 -0.05	12.90 -0.16 0.00	15.18 -0.17 0.00	17.04 -0.11 0.00	14.28 0.00 -1.02	21.67 0.08 -0.76	8.69 0.06 -1.23	10.01 0.08 -0.63	16.32 0.07 0.00	18.64 0.08 0.00	14.17 0.01 0.00
SHOEMAKER___GT 23640	22.69 0.61 0.00	21.44 0.55 0.00	17.29 0.49 0.00	17.97 0.43 0.00	16.72 0.41 0.00	18.11 0.44 0.00	19.63 0.47 0.00	17.95 0.53 0.00	20.53 0.50 -0.39	20.11 0.46 -4.66	16.24 0.50 -0.22	15.18 0.40 -2.84	13.71 0.20 0.00	11.77 0.36 -0.51	13.55 0.48 0.00	15.94 0.58 0.00	17.87 0.72 0.00	27.82 0.55 -14.02	32.10 0.86 -10.43	24.54 0.30 -16.84	18.37 0.39 -8.68	16.87 0.62 0.00	19.15 0.58 0.00	14.61 0.45 0.00
SHOEMAKR_138KV_BK 111 55601	22.68 0.60 0.00	21.44 0.54 0.00	17.29 0.49 0.00	17.97 0.43 0.00	16.71 0.40 0.00	18.10 0.44 0.00	19.62 0.46 0.00	17.95 0.54 0.00	20.53 0.50 -0.38	20.06 0.46 -4.60	16.24 0.51 -0.22	15.15 0.41 -2.81	13.72 0.22 0.00	11.78 0.37 -0.51	13.57 0.50 0.00	15.95 0.60 0.00	17.88 0.73 0.00	27.66 0.55 -13.85	31.98 0.86 -10.30	24.34 0.30 -16.63	18.26 0.39 -8.57	16.87 0.61 0.00	19.14 0.58 0.00	14.61 0.45 0.00

SHOREHAM_IC_1 23715	23.92 1.84 0.00	22.50 1.61 0.00	18.19 1.39 0.00	18.87 1.33 0.00	17.54 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.52 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.33 1.60 -2.21	19.36 1.25 -6.17	16.66 1.12 -2.05	14.69 1.12 -2.67	16.75 1.38 -2.30	20.06 1.63 -3.07	27.02 1.89 -7.98	48.90 1.35 -34.29	66.83 2.07 -43.94	50.98 0.78 -42.80	84.15 1.01 -73.84	25.56 1.69 -7.61	31.74 1.70 -11.47	25.55 1.31 -10.08
SHOREHAM_IC_2 23716	23.92 1.84 0.00	22.50 1.61 0.00	18.19 1.39 0.00	18.87 1.33 0.00	17.54 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.52 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.33 1.60 -2.21	19.36 1.25 -6.17	16.66 1.12 -2.05	14.69 1.12 -2.67	16.75 1.38 -2.30	20.06 1.63 -3.07	27.02 1.89 -7.98	48.90 1.35 -34.29	66.83 2.07 -43.94	50.98 0.78 -42.80	84.15 1.01 -73.84	25.56 1.69 -7.61	31.74 1.70 -11.47	25.55 1.31 -10.08
SISSONVILLE____ 23735	21.68 -0.40 0.00	20.52 -0.37 0.00	16.49 -0.31 0.00	17.21 -0.34 0.00	15.99 -0.32 0.00	17.31 -0.35 0.00	18.80 -0.36 0.00	17.06 -0.35 0.00	19.22 -0.42 0.00	14.64 -0.35 0.00	15.11 -0.40 0.00	11.62 -0.32 0.00	13.17 -0.34 0.00	10.60 -0.30 0.00	12.67 -0.39 0.00	14.88 -0.48 0.00	16.52 -0.62 0.00	12.77 -0.48 0.00	20.10 -0.72 0.00	7.13 -0.27 0.00	8.95 -0.35 0.00	15.70 -0.55 0.00	18.04 -0.52 0.00	13.76 -0.40 0.00
SITHE_IND_GS1 24169	21.64 -0.44 0.00	20.47 -0.43 0.00	16.43 -0.37 0.00	17.19 -0.36 0.00	15.98 -0.33 0.00	17.30 -0.36 0.00	18.78 -0.38 0.00	17.01 -0.41 0.00	18.90 -0.77 -0.02	14.71 -0.50 -0.22	14.96 -0.56 -0.01	11.62 -0.45 -0.13	12.58 -0.92 0.00	10.58 -0.35 -0.03	12.75 -0.31 0.00	14.99 -0.37 0.00	16.77 -0.37 0.00	13.49 -0.25 -0.49	20.81 -0.38 -0.36	7.86 -0.12 -0.59	9.44 -0.16 -0.30	15.94 -0.31 0.00	18.20 -0.36 0.00	13.87 -0.29 0.00
SITHE_IND_GS2 24170	21.64 -0.44 0.00	20.47 -0.43 0.00	16.43 -0.37 0.00	17.19 -0.36 0.00	15.98 -0.33 0.00	17.30 -0.36 0.00	18.78 -0.38 0.00	17.01 -0.41 0.00	18.90 -0.77 -0.02	14.71 -0.50 -0.22	14.96 -0.56 -0.01	11.62 -0.45 -0.13	12.58 -0.92 0.00	10.58 -0.35 -0.03	12.75 -0.31 0.00	14.99 -0.37 0.00	16.77 -0.37 0.00	13.49 -0.25 -0.49	20.81 -0.38 -0.36	7.86 -0.12 -0.59	9.44 -0.16 -0.30	15.94 -0.31 0.00	18.20 -0.36 0.00	13.87 -0.29 0.00
SITHE_IND_GS3 24171	21.64 -0.44 0.00	20.47 -0.43 0.00	16.43 -0.37 0.00	17.19 -0.36 0.00	15.98 -0.33 0.00	17.30 -0.36 0.00	18.78 -0.38 0.00	17.01 -0.41 0.00	18.90 -0.77 -0.02	14.71 -0.50 -0.22	14.96 -0.56 -0.01	11.62 -0.45 -0.13	12.58 -0.92 0.00	10.58 -0.35 -0.03	12.75 -0.31 0.00	14.99 -0.37 0.00	16.77 -0.37 0.00	13.49 -0.25 -0.49	20.81 -0.38 -0.36	7.86 -0.12 -0.59	9.44 -0.16 -0.30	15.94 -0.31 0.00	18.20 -0.36 0.00	13.87 -0.29 0.00
SITHE_IND_GS4 24172	21.64 -0.44 0.00	20.47 -0.43 0.00	16.43 -0.37 0.00	17.19 -0.36 0.00	15.98 -0.33 0.00	17.30 -0.36 0.00	18.78 -0.38 0.00	17.01 -0.41 0.00	18.90 -0.77 -0.02	14.71 -0.50 -0.22	14.96 -0.56 -0.01	11.62 -0.45 -0.13	12.58 -0.92 0.00	10.58 -0.35 -0.03	12.75 -0.31 0.00	14.99 -0.37 0.00	16.77 -0.37 0.00	13.49 -0.25 -0.49	20.81 -0.38 -0.36	7.86 -0.12 -0.59	9.44 -0.16 -0.30	15.94 -0.31 0.00	18.20 -0.36 0.00	13.87 -0.29 0.00
SITHE____BATAVIA 24024	22.63 0.55 0.00	21.45 0.56 0.00	17.12 0.32 0.00	18.09 0.54 0.00	16.77 0.46 0.00	18.17 0.51 0.00	19.77 0.62 0.00	17.80 0.39 0.00	19.82 0.14 -0.04	15.46 0.07 -0.40	15.46 -0.07 -0.02	12.05 -0.13 -0.24	13.02 -0.49 0.00	10.86 -0.09 -0.05	13.00 -0.06 0.00	15.28 -0.07 0.00	17.14 -0.01 0.00	14.44 0.10 -1.08	21.92 0.29 -0.81	8.90 0.19 -1.30	10.21 0.24 -0.67	16.58 0.33 0.00	19.02 0.46 0.00	14.47 0.31 0.00
SITHE____INDEPEND 23800	21.64 -0.44 0.00	20.47 -0.42 0.00	16.43 -0.37 0.00	17.19 -0.36 0.00	15.98 -0.33 0.00	17.30 -0.36 0.00	18.78 -0.38 0.00	17.01 -0.41 0.00	18.90 -0.77 -0.02	14.71 -0.50 -0.22	14.96 -0.56 -0.01	11.63 -0.44 -0.13	12.58 -0.92 0.00	10.58 -0.35 -0.03	12.75 -0.31 0.00	14.99 -0.36 0.00	16.77 -0.37 0.00	13.49 -0.25 -0.49	20.80 -0.38 -0.36	7.87 -0.12 -0.59	9.44 -0.16 -0.30	15.94 -0.31 0.00	18.20 -0.36 0.00	13.87 -0.29 0.00
SITHE____MASSENA 23902	22.05 -0.03 0.00	20.86 -0.03 0.00	16.77 -0.03 0.00	17.51 -0.03 0.00	16.28 -0.03 0.00	17.63 -0.04 0.00	19.13 -0.03 0.00	17.35 -0.07 0.00	19.55 -0.09 0.00	14.91 -0.09 0.00	15.42 -0.09 0.00	11.88 -0.05 0.00	13.48 -0.03 0.00	10.85 -0.05 0.00	12.97 -0.09 0.00	15.24 -0.11 0.00	16.93 -0.22 0.00	13.05 -0.21 0.00	20.48 -0.34 0.00	7.28 -0.13 0.00	9.16 -0.14 0.00	16.08 -0.18 0.00	18.46 -0.11 0.00	14.07 -0.09 0.00
SITHE____OGDNSBRG 24021	22.15 0.07 0.00	20.96 0.07 0.00	16.84 0.04 0.00	17.58 0.04 0.00	16.34 0.03 0.00	17.70 0.04 0.00	19.23 0.07 0.00	17.45 0.04 0.00	19.64 -0.01 0.00	14.92 -0.07 0.00	15.39 -0.12 0.00	11.84 -0.10 0.00	13.45 -0.05 0.00	10.82 -0.08 0.00	12.93 -0.13 0.00	15.19 -0.16 0.00	16.86 -0.28 0.00	13.02 -0.23 0.00	20.55 -0.27 0.00	7.33 -0.07 0.00	9.21 -0.09 0.00	16.16 -0.10 0.00	18.54 -0.02 0.00	14.12 -0.04 0.00
SITHE____STERLING 23777	22.55 0.47 0.00	21.31 0.42 0.00	17.10 0.30 0.00	17.87 0.33 0.00	16.60 0.29 0.00	17.99 0.32 0.00	19.53 0.38 0.00	17.72 0.30 0.00	19.79 0.13 -0.02	15.35 0.18 -0.18	15.62 0.10 -0.01	12.07 0.02 -0.11	13.07 -0.43 0.00	10.93 0.01 -0.03	13.19 0.12 0.00	15.51 0.15 0.00	17.40 0.26 0.00	13.99 0.27 -0.46	21.70 0.54 -0.34	8.17 0.21 -0.55	9.81 0.22 -0.28	16.58 0.33 0.00	18.90 0.34 0.00	14.40 0.24 0.00
SLEIGHT__34_KV_TB1 80719	22.47 0.39 0.00	21.28 0.39 0.00	17.00 0.20 0.00	17.82 0.28 0.00	16.58 0.27 0.00	17.93 0.27 0.00	19.53 0.37 0.00	17.70 0.28 0.00	19.71 0.03 -0.03	15.42 0.07 -0.36	15.52 -0.01 -0.02	12.15 0.00 -0.22	13.05 -0.45 0.00	10.98 0.03 -0.05	13.18 0.12 0.00	15.52 0.17 0.00	17.43 0.29 0.00	14.53 0.33 -0.95	22.18 0.65 -0.71	8.77 0.22 -1.15	10.19 0.29 -0.59	16.69 0.43 0.00	19.03 0.47 0.00	14.43 0.27 0.00
SOUTH CAIRO____GT 23612	22.93 0.85 0.00	21.71 0.81 0.00	17.46 0.66 0.00	18.20 0.66 0.00	16.96 0.65 0.00	18.37 0.71 0.00	19.93 0.78 0.00	18.20 0.78 0.00	20.98 0.79 -0.54	22.14 0.60 -6.55	16.33 0.50 -0.32	16.27 0.34 -4.00	13.69 0.19 0.00	11.88 0.26 -0.72	13.42 0.36 0.00	15.82 0.47 0.00	17.80 0.66 0.00	33.59 0.60 -19.73	36.64 1.14 -14.68	31.56 0.46 -23.71	22.06 0.55 -12.22	17.16 0.91 0.00	19.41 0.84 0.00	14.82 0.66 0.00
SOUTH HAMPTN____IC 23720	24.19 2.10 0.00	22.75 1.86 0.00	18.39 1.59 0.00	19.09 1.54 0.00	17.74 1.43 0.00	19.19 1.53 0.00	20.77 1.61 0.00	19.15 1.74 0.00	22.02 1.93 -0.45	22.28 1.60 -5.69	19.54 1.84 -2.19	19.49 1.43 -6.13	16.83 1.31 -2.02	14.82 1.28 -2.64	16.92 1.58 -2.27	20.26 1.88 -3.03	27.24 2.17 -7.93	49.00 1.57 -34.17	66.84 2.40 -43.61	50.99 0.90 -42.69	84.18 1.15 -73.72	25.70 1.93 -7.53	31.97 1.96 -11.45	25.72 1.49 -10.07

SOUTHDOWN_115KV_TB1 355954	23.11 1.03 0.00	21.78 0.89 0.00	17.34 0.54 0.00	18.38 0.83 0.00	17.02 0.71 0.00	18.44 0.78 0.00	20.09 0.94 0.00	18.12 0.70 0.00	20.29 0.60 -0.04	16.00 0.51 -0.49	15.97 0.44 -0.02	12.50 0.26 -0.30	13.43 -0.07 0.00	11.20 0.23 -0.06	13.44 0.38 0.00	15.77 0.42 0.00	17.71 0.56 0.00	15.06 0.43 -1.38	22.40 0.55 -1.02	9.33 0.28 -1.65	10.49 0.34 -0.85	16.81 0.56 0.00	19.33 0.77 0.00	14.70 0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	24.55 2.47 0.00	23.10 2.21 0.00	18.67 1.87 0.00	19.38 1.84 0.00	18.00 1.69 0.00	19.50 1.83 0.00	21.10 1.94 0.00	19.45 2.04 0.00	22.38 2.29 -0.45	22.57 1.89 -5.69	19.86 2.16 -2.19	19.73 1.66 -6.13	17.09 1.56 -2.02	15.03 1.48 -2.65	17.17 1.84 -2.28	20.57 2.18 -3.03	27.59 2.51 -7.93	49.30 1.86 -34.18	67.32 2.87 -43.63	51.17 1.07 -42.69	84.38 1.35 -73.73	26.04 2.26 -7.53	32.32 2.31 -11.45	25.97 1.74 -10.07
SOUTHOLD___IC 23719	24.56 2.48 0.00	23.10 2.21 0.00	18.67 1.87 0.00	19.38 1.84 0.00	18.00 1.69 0.00	19.49 1.82 0.00	21.10 1.94 0.00	19.45 2.04 0.00	22.38 2.29 -0.45	22.57 1.89 -5.69	19.86 2.16 -2.19	19.73 1.67 -6.13	17.08 1.56 -2.02	15.03 1.49 -2.65	17.17 1.83 -2.28	20.57 2.19 -3.03	27.60 2.52 -7.93	49.30 1.86 -34.18	67.32 2.88 -43.63	51.17 1.07 -42.69	84.38 1.35 -73.73	26.04 2.26 -7.53	32.32 2.31 -11.45	25.97 1.74 -10.07
SPIERFLS_115KV_TB 1 80737	23.23 1.16 0.00	21.96 1.07 0.00	17.75 0.95 0.00	18.50 0.96 0.00	17.20 0.89 0.00	18.67 1.00 0.00	20.29 1.13 0.00	18.53 1.12 0.00	21.44 1.21 -0.59	23.07 0.97 -7.11	16.65 0.79 -0.34	16.89 0.62 -4.34	13.86 0.36 0.00	12.11 0.43 -0.78	13.60 0.54 0.00	16.03 0.68 0.00	18.03 0.89 0.00	35.46 0.79 -21.41	38.01 1.26 -15.92	33.58 0.46 -25.72	23.17 0.62 -13.25	17.27 1.02 0.00	19.68 1.12 0.00	14.99 0.83 0.00
ST LAWRENCE____ 23600	21.85 -0.23 0.00	20.68 -0.21 0.00	16.62 -0.18 0.00	17.36 -0.18 0.00	16.13 -0.17 0.00	17.48 -0.19 0.00	18.97 -0.19 0.00	17.20 -0.22 0.00	19.38 -0.27 0.00	14.78 -0.21 0.00	15.30 -0.21 0.00	11.80 -0.14 0.00	13.39 -0.12 0.00	10.78 -0.12 0.00	12.89 -0.17 0.00	15.14 -0.21 0.00	16.81 -0.33 0.00	12.96 -0.30 0.00	20.32 -0.50 0.00	7.22 -0.18 0.00	9.08 -0.22 0.00	15.96 -0.30 0.00	18.31 -0.25 0.00	13.96 -0.20 0.00
STATE_CA_115KV_115_LB 55624	22.33 0.25 0.00	21.17 0.27 0.00	17.06 0.26 0.00	17.76 0.22 0.00	16.55 0.24 0.00	17.92 0.25 0.00	19.40 0.24 0.00	17.72 0.30 0.00	20.45 0.23 -0.58	22.25 0.25 -7.01	16.10 0.25 -0.34	16.41 0.21 -4.28	13.51 0.01 0.00	11.86 0.18 -0.77	13.32 0.25 0.00	15.67 0.31 0.00	17.57 0.43 0.00	34.72 0.35 -21.12	37.10 0.57 -15.71	32.97 0.20 -25.37	22.62 0.25 -13.07	16.63 0.38 0.00	18.84 0.28 0.00	14.43 0.26 0.00
STATE_ST_34_KV_LOAD 55959	22.35 0.27 0.00	21.20 0.31 0.00	16.93 0.13 0.00	17.72 0.18 0.00	16.48 0.17 0.00	17.83 0.16 0.00	19.38 0.22 0.00	17.57 0.15 0.00	19.53 -0.15 -0.03	15.32 -0.06 -0.38	15.39 -0.13 -0.02	12.07 -0.09 -0.23	12.94 -0.56 0.00	10.89 -0.06 -0.05	13.09 0.02 0.00	15.43 0.08 0.00	17.30 0.15 0.00	14.49 0.22 -1.02	22.04 0.46 -0.75	8.76 0.14 -1.22	10.14 0.21 -0.63	16.57 0.32 0.00	18.90 0.34 0.00	14.33 0.17 0.00
STATION 5_MISC_HYD 23604	22.27 0.19 0.00	21.10 0.21 0.00	16.87 0.07 0.00	17.76 0.22 0.00	16.47 0.16 0.00	17.85 0.18 0.00	19.41 0.25 0.00	17.52 0.10 0.00	19.51 -0.17 -0.03	15.27 -0.08 -0.36	15.36 -0.17 -0.02	11.99 -0.16 -0.22	12.94 -0.56 0.00	10.79 -0.15 -0.05	12.99 -0.07 0.00	15.26 -0.09 0.00	17.10 -0.05 0.00	14.24 0.03 -0.95	21.64 0.11 -0.70	8.62 0.08 -1.14	9.98 0.10 -0.59	16.35 0.10 0.00	18.73 0.16 0.00	14.25 0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.34 0.26 0.00	21.13 0.24 0.00	16.90 0.10 0.00	17.76 0.22 0.00	16.49 0.18 0.00	17.86 0.20 0.00	19.43 0.27 0.00	17.59 0.18 0.00	19.57 -0.10 -0.03	15.32 -0.03 -0.35	15.41 -0.12 -0.02	12.04 -0.11 -0.22	12.98 -0.52 0.00	10.85 -0.10 -0.05	13.07 0.00 0.00	15.38 0.03 0.00	17.27 0.13 0.00	14.39 0.19 -0.94	21.91 0.39 -0.70	8.69 0.16 -1.13	10.07 0.18 -0.58	16.51 0.25 0.00	18.86 0.30 0.00	14.34 0.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.14 0.06 0.00	20.95 0.06 0.00	16.76 -0.04 0.00	17.63 0.09 0.00	16.36 0.05 0.00	17.71 0.05 0.00	19.28 0.12 0.00	17.39 -0.02 0.00	19.37 -0.30 -0.03	15.17 -0.18 -0.35	15.26 -0.27 -0.02	11.92 -0.23 -0.22	12.86 -0.64 0.00	10.73 -0.22 -0.05	12.91 -0.15 0.00	15.16 -0.19 0.00	16.99 -0.15 0.00	14.13 -0.05 -0.93	21.49 -0.02 -0.69	8.54 0.02 -1.11	9.89 0.02 -0.57	16.22 -0.03 0.00	18.57 0.01 0.00	14.13 -0.04 0.00
STA_56___34_KV_BUS2 355983	22.14 0.06 0.00	20.95 0.06 0.00	16.76 -0.04 0.00	17.63 0.09 0.00	16.36 0.05 0.00	17.71 0.05 0.00	19.28 0.12 0.00	17.39 -0.02 0.00	19.37 -0.30 -0.03	15.17 -0.18 -0.35	15.26 -0.27 -0.02	11.92 -0.23 -0.22	12.86 -0.64 0.00	10.73 -0.22 -0.05	12.91 -0.15 0.00	15.16 -0.19 0.00	16.99 -0.15 0.00	14.13 -0.05 -0.93	21.49 -0.02 -0.69	8.54 0.02 -1.11	9.89 0.02 -0.57	16.22 -0.03 0.00	18.57 0.01 0.00	14.13 -0.04 0.00
STA_67___115KV_BK2 355882	22.25 0.17 0.00	21.06 0.17 0.00	16.84 0.04 0.00	17.73 0.18 0.00	16.45 0.13 0.00	17.80 0.14 0.00	19.38 0.22 0.00	17.49 0.07 0.00	19.47 -0.20 -0.03	15.24 -0.11 -0.36	15.34 -0.19 -0.02	11.97 -0.18 -0.22	12.92 -0.58 0.00	10.77 -0.17 -0.05	12.96 -0.10 0.00	15.23 -0.12 0.00	17.07 -0.07 0.00	14.20 0.00 -0.95	21.59 0.07 -0.70	8.61 0.06 -1.14	9.96 0.08 -0.59	16.32 0.06 0.00	18.69 0.13 0.00	14.23 0.07 0.00
STA_7___115KV_9TRANS 80674	22.37 0.29 0.00	21.17 0.27 0.00	16.92 0.12 0.00	17.81 0.27 0.00	16.52 0.21 0.00	17.89 0.23 0.00	19.47 0.31 0.00	17.57 0.16 0.00	19.57 -0.11 -0.03	15.32 -0.03 -0.36	15.41 -0.11 -0.02	12.04 -0.11 -0.22	12.99 -0.51 0.00	10.83 -0.11 -0.05	13.04 -0.02 0.00	15.33 -0.02 0.00	17.18 0.04 0.00	14.30 0.10 -0.95	21.75 0.22 -0.70	8.66 0.12 -1.14	10.03 0.14 -0.59	16.43 0.17 0.00	18.81 0.25 0.00	14.31 0.15 0.00
STA_82___115KV_TB1 80780	22.26 0.18 0.00	21.07 0.17 0.00	16.85 0.05 0.00	17.74 0.19 0.00	16.45 0.14 0.00	17.82 0.15 0.00	19.39 0.23 0.00	17.49 0.08 0.00	19.48 -0.20 -0.03	15.25 -0.11 -0.36	15.34 -0.19 -0.02	11.97 -0.18 -0.22	12.93 -0.58 0.00	10.78 -0.17 -0.05	12.97 -0.10 0.00	15.24 -0.11 0.00	17.07 -0.07 0.00	14.22 0.01 -0.95	21.60 0.07 -0.71	8.62 0.07 -1.15	9.97 0.08 -0.59	16.32 0.07 0.00	18.70 0.14 0.00	14.23 0.07 0.00
STEEL___WIND 323596	22.39 0.30 0.00	21.21 0.32 0.00	16.91 0.10 0.00	17.91 0.37 0.00	16.59 0.28 0.00	17.97 0.31 0.00	19.55 0.39 0.00	17.58 0.16 0.00	19.62 -0.07 -0.04	15.43 -0.03 -0.46	15.43 -0.10 -0.02	12.08 -0.14 -0.28	13.00 -0.50 0.00	10.81 -0.14 -0.06	12.99 -0.07 0.00	15.24 -0.11 0.00	17.09 -0.06 0.00	14.49 -0.03 -1.27	21.68 -0.09 -0.94	8.97 0.04 -1.53	10.14 0.06 -0.79	16.30 0.05 0.00	18.75 0.19 0.00	14.28 0.12 0.00

STEPHTWN_115KV_BK_2 55603	22.44 0.36 0.00	21.27 0.38 0.00	17.10 0.30 0.00	17.80 0.26 0.00	16.59 0.28 0.00	17.97 0.31 0.00	19.51 0.35 0.00	17.82 0.40 0.00	20.56 0.34 -0.58	22.28 0.32 -6.97	16.17 0.32 -0.34	16.44 0.25 -4.25	13.55 0.05 0.00	11.90 0.24 -0.77	13.36 0.30 0.00	15.71 0.36 0.00	17.69 0.54 0.00	34.72 0.46 -21.00	37.14 0.70 -15.62	32.86 0.24 -25.22	22.58 0.28 -13.00	16.73 0.47 0.00	18.95 0.39 0.00	14.47 0.31 0.00
STEBEN_REC_LFGE 323667	22.65 0.57 0.00	21.45 0.56 0.00	17.16 0.36 0.00	18.12 0.58 0.00	16.80 0.49 0.00	18.19 0.53 0.00	19.75 0.59 0.00	17.78 0.37 0.00	19.71 0.01 -0.05	15.64 0.04 -0.61	15.50 -0.04 -0.03	12.22 -0.08 -0.37	13.04 -0.46 0.00	10.92 -0.06 -0.07	13.12 0.06 0.00	15.40 0.05 0.00	17.33 0.18 0.00	15.16 0.19 -1.72	22.43 0.33 -1.28	9.65 0.18 -2.06	10.53 0.16 -1.06	16.56 0.31 0.00	19.08 0.52 0.00	14.57 0.41 0.00
STONY__BROOK 24151	23.78 1.69 0.00	22.37 1.48 0.00	18.07 1.27 0.00	18.75 1.21 0.00	17.43 1.12 0.00	18.87 1.20 0.00	20.42 1.26 0.00	18.81 1.40 0.00	21.64 1.54 -0.45	21.97 1.28 -5.70	19.27 1.49 -2.27	19.36 1.17 -6.25	16.64 1.04 -2.10	14.69 1.06 -2.73	16.74 1.31 -2.37	20.05 1.54 -3.15	27.02 1.78 -8.10	49.02 1.25 -34.51	67.30 1.87 -44.61	51.14 0.72 -43.02	84.33 0.93 -74.10	25.59 1.55 -7.80	31.62 1.56 -11.51	25.49 1.21 -10.12
STURGEON_POOL_HYD 23609	22.90 0.82 0.00	21.66 0.77 0.00	17.50 0.70 0.00	18.17 0.63 0.00	16.90 0.59 0.00	18.31 0.65 0.00	19.83 0.67 0.00	18.17 0.75 0.00	20.86 0.75 -0.47	21.24 0.65 -5.60	16.55 0.77 -0.27	15.96 0.61 -3.42	13.96 0.46 0.00	12.08 0.56 -0.62	13.80 0.73 0.00	16.21 0.86 0.00	18.17 1.03 0.00	30.85 0.74 -16.86	34.50 1.14 -12.54	28.05 0.40 -20.25	20.25 0.52 -10.43	17.09 0.83 0.00	19.36 0.80 0.00	14.78 0.62 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.77 0.69 0.00	21.52 0.63 0.00	17.36 0.56 0.00	18.03 0.49 0.00	16.77 0.46 0.00	18.17 0.50 0.00	19.69 0.53 0.00	18.03 0.62 0.00	20.64 0.59 -0.40	20.39 0.55 -4.85	16.36 0.61 -0.23	15.39 0.50 -2.96	13.82 0.32 0.00	11.89 0.46 -0.54	13.67 0.61 0.00	16.08 0.72 0.00	18.02 0.88 0.00	28.51 0.66 -14.59	32.68 1.00 -10.85	25.28 0.35 -17.53	18.78 0.44 -9.03	16.96 0.70 0.00	19.23 0.67 0.00	14.68 0.51 0.00
SWANROAD_115KV_TB1 355699	21.95 -0.13 0.00	20.81 -0.08 0.00	16.60 -0.20 0.00	17.59 0.05 0.00	16.30 -0.01 0.00	17.64 -0.03 0.00	19.17 0.02 0.00	17.20 -0.21 0.00	19.20 -0.49 -0.04	15.08 -0.34 -0.43	15.08 -0.45 -0.02	11.78 -0.41 -0.26	12.72 -0.79 0.00	10.55 -0.41 -0.05	12.66 -0.41 0.00	14.87 -0.48 0.00	16.64 -0.51 0.00	14.06 -0.37 -1.17	21.09 -0.61 -0.87	8.68 -0.13 -1.41	9.87 -0.16 -0.73	15.93 -0.33 0.00	18.32 -0.24 0.00	13.98 -0.18 0.00
SYNERGY__BIOGAS 323694	22.63 0.55 0.00	21.45 0.56 0.00	17.12 0.32 0.00	18.09 0.54 0.00	16.77 0.46 0.00	18.17 0.51 0.00	19.77 0.62 0.00	17.80 0.39 0.00	19.82 0.14 -0.04	15.46 0.07 -0.40	15.46 -0.07 -0.02	12.05 -0.13 -0.24	13.02 -0.49 0.00	10.86 -0.09 -0.05	13.00 -0.06 0.00	15.28 -0.07 0.00	17.14 -0.01 0.00	14.44 0.10 -1.08	21.92 0.29 -0.81	8.90 0.19 -1.30	10.21 0.24 -0.67	16.58 0.33 0.00	19.02 0.46 0.00	14.47 0.31 0.00
SYRACUSE__ENERGY_ST1 323597	22.24 0.16 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.59 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.68 0.27 -0.60	8.47 0.10 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
SYRACUSE__ENERGY_ST2 323598	22.24 0.16 0.00	21.03 0.13 0.00	16.86 0.06 0.00	17.65 0.10 0.00	16.40 0.09 0.00	17.75 0.09 0.00	19.29 0.13 0.00	17.48 0.07 0.00	19.44 -0.23 -0.03	15.20 -0.10 -0.31	15.36 -0.16 -0.01	11.99 -0.14 -0.19	12.91 -0.59 0.00	10.85 -0.09 -0.04	13.08 0.01 0.00	15.37 0.02 0.00	17.23 0.09 0.00	14.19 0.14 -0.80	21.68 0.27 -0.60	8.47 0.10 -0.96	9.92 0.12 -0.50	16.41 0.16 0.00	18.73 0.17 0.00	14.26 0.10 0.00
SYRACUSE__POWER 24017	22.16 0.08 0.00	20.94 0.04 0.00	16.80 0.00 0.00	17.58 0.04 0.00	16.33 0.02 0.00	17.69 0.02 0.00	19.21 0.06 0.00	17.42 0.01 0.00	19.38 -0.30 -0.03	15.17 -0.15 -0.32	15.32 -0.21 -0.01	11.95 -0.18 -0.19	12.87 -0.63 0.00	10.82 -0.12 -0.04	13.03 -0.04 0.00	15.31 -0.04 0.00	17.18 0.03 0.00	14.18 0.08 -0.84	21.62 0.17 -0.63	8.49 0.08 -1.01	9.90 0.08 -0.52	16.35 0.09 0.00	18.65 0.09 0.00	14.21 0.05 0.00
TALLMAN_138KV_BK151 55660	22.87 0.79 0.00	21.61 0.72 0.00	17.44 0.64 0.00	18.10 0.55 0.00	16.83 0.52 0.00	18.23 0.57 0.00	19.75 0.60 0.00	18.12 0.70 0.00	20.75 0.69 -0.42	20.70 0.63 -5.08	16.47 0.72 -0.24	15.62 0.59 -3.10	13.92 0.42 0.00	12.01 0.55 -0.56	13.79 0.72 0.00	16.20 0.85 0.00	18.17 1.03 0.00	29.30 0.76 -15.28	33.33 1.14 -11.37	26.16 0.39 -18.36	19.27 0.51 -9.46	17.06 0.80 0.00	19.34 0.77 0.00	14.75 0.59 0.00
TEALLAVE_115KV_TB7 355573	22.06 -0.02 0.00	20.85 -0.04 0.00	16.73 -0.07 0.00	17.51 -0.04 0.00	16.26 -0.05 0.00	17.61 -0.05 0.00	19.13 -0.03 0.00	17.34 -0.08 0.00	19.28 -0.39 -0.03	15.06 -0.21 -0.27	15.25 -0.27 -0.01	11.88 -0.23 -0.17	12.81 -0.69 -0.08	10.77 -0.17 -0.04	12.98 -0.08 0.00	15.25 -0.10 0.00	17.10 -0.04 0.00	13.98 0.02 -0.71	21.41 0.06 -0.53	8.29 0.04 -0.85	9.77 0.03 -0.44	16.27 0.02 0.00	18.56 0.00 0.00	14.15 -0.01 0.00
TELGRAPH_34_KV_EAST 80808	22.35 0.27 0.00	21.17 0.28 0.00	16.89 0.09 0.00	17.88 0.33 0.00	16.56 0.26 0.00	17.94 0.27 0.00	19.51 0.35 0.00	17.54 0.12 0.00	19.55 -0.13 -0.04	15.33 -0.08 -0.41	15.34 -0.19 -0.02	11.97 -0.21 -0.25	12.93 -0.57 0.00	10.76 -0.19 -0.05	12.89 -0.17 0.00	15.15 -0.20 0.00	16.97 -0.18 0.00	14.30 -0.07 -1.12	21.56 -0.10 -0.83	8.80 0.05 -1.35	10.05 0.06 -0.69	16.28 0.03 0.00	18.71 0.15 0.00	14.25 0.09 0.00
TEMPLE__115KV_TB 2 55572	22.06 -0.02 0.00	20.85 -0.04 0.00	16.73 -0.07 0.00	17.51 -0.03 0.00	16.27 -0.04 0.00	17.62 -0.05 0.00	19.14 -0.02 0.00	17.35 -0.07 0.00	19.28 -0.39 -0.03	15.06 -0.21 -0.28	15.25 -0.27 -0.01	11.88 -0.22 -0.17	12.82 -0.68 0.00	10.78 -0.16 -0.04	12.99 -0.08 0.00	15.27 -0.09 0.00	17.11 -0.03 0.00	14.00 0.03 -0.71	21.43 0.08 -0.53	8.30 0.04 -0.86	9.78 0.04 -0.44	16.28 0.02 0.00	18.57 0.01 0.00	14.15 -0.01 0.00
TIANA__69_KV_BK 1 55817	24.09 2.01 0.00	22.67 1.78 0.00	18.32 1.52 0.00	19.01 1.47 0.00	17.67 1.36 0.00	19.13 1.46 0.00	20.69 1.53 0.00	19.08 1.66 0.00	21.94 1.85 -0.45	22.21 1.53 -5.69	19.47 1.77 -2.19	19.44 1.37 -6.13	16.77 1.25 -2.02	14.77 1.23 -2.65	16.86 1.52 -2.28	20.18 1.80 -3.03	27.15 2.08 -7.93	48.94 1.51 -34.18	66.74 2.30 -43.62	50.96 0.86 -42.69	84.14 1.11 -73.73	25.63 1.85 -7.53	31.89 1.88 -11.45	25.66 1.43 -10.07

TILDEN___115KV_TB1 80814	22.16 0.08 0.00	20.94 0.04 0.00	16.80 0.00 0.00	17.58 0.04 0.00	16.33 0.02 0.00	17.69 0.02 0.00	19.21 0.06 0.00	17.42 0.01 0.00	19.38 -0.30 -0.03	15.17 -0.15 -0.32	15.32 -0.21 -0.01	11.95 -0.18 -0.19	12.87 -0.63 0.00	10.82 -0.12 -0.04	13.03 -0.04 0.00	15.31 -0.04 0.00	17.18 0.03 0.00	14.18 0.08 -0.84	21.62 0.17 -0.63	8.49 0.08 -1.01	9.90 0.08 -0.52	16.35 0.09 0.00	18.65 0.09 0.00	14.21 0.05 0.00
TRIGEN___CC 323695	23.31 1.23 0.00	21.97 1.08 0.00	17.74 0.93 0.00	18.41 0.86 0.00	17.11 0.80 0.00	18.53 0.87 0.00	20.06 0.90 0.00	18.44 1.02 0.00	21.20 1.10 -0.45	23.33 0.94 -7.40	33.14 1.09 -16.53	40.22 0.88 -27.40	30.81 0.74 -16.57	29.08 0.82 -17.36	32.74 1.03 -18.65	41.18 1.19 -24.64	55.83 1.37 -37.31	107.72 0.98 -93.49	241.92 1.47 -219.63	108.49 0.54 -100.55	148.10 0.71 -138.09	72.28 1.17 -54.86	40.16 1.14 -20.45	34.71 0.91 -19.64
TRINITY__115KV__4 BK 55933	22.24 0.16 0.00	21.08 0.19 0.00	17.00 0.20 0.00	17.69 0.15 0.00	16.48 0.17 0.00	17.85 0.18 0.00	19.32 0.16 0.00	17.65 0.23 0.00	20.37 0.15 -0.58	22.16 0.19 -6.98	16.03 0.18 -0.34	16.34 0.15 -4.26	13.45 -0.05 0.00	11.81 0.14 -0.77	13.26 0.20 0.00	15.59 0.24 0.00	17.49 0.34 0.00	34.57 0.28 -21.03	36.92 0.46 -15.65	32.83 0.16 -25.27	22.52 0.20 -13.02	16.55 0.30 0.00	18.75 0.19 0.00	14.36 0.20 0.00
UNION___PROCESSING_DRP 323587	22.27 0.18 0.00	21.08 0.19 0.00	16.85 0.05 0.00	17.74 0.20 0.00	16.46 0.15 0.00	17.82 0.16 0.00	19.39 0.23 0.00	17.50 0.09 0.00	19.48 -0.19 -0.03	15.25 -0.10 -0.36	15.34 -0.19 -0.02	11.98 -0.18 -0.22	12.93 -0.58 0.00	10.78 -0.17 -0.05	12.97 -0.09 0.00	15.24 -0.11 0.00	17.08 -0.07 0.00	14.22 0.01 -0.96	21.61 0.08 -0.71	8.62 0.07 -1.15	9.97 0.08 -0.59	16.33 0.08 0.00	18.71 0.14 0.00	14.24 0.08 0.00
UPPER HUDSON___HYD 24058	23.24 1.16 0.00	21.96 1.07 0.00	17.75 0.95 0.00	18.50 0.96 0.00	17.20 0.89 0.00	18.66 1.00 0.00	20.29 1.13 0.00	18.53 1.12 0.00	21.44 1.21 -0.59	23.06 0.97 -7.11	16.65 0.79 -0.34	16.89 0.62 -4.34	13.86 0.36 0.00	12.11 0.43 -0.78	13.60 0.54 0.00	16.03 0.68 0.00	18.03 0.89 0.00	35.46 0.79 -21.41	38.01 1.26 -15.92	33.58 0.46 -25.72	23.17 0.62 -13.25	17.27 1.02 0.00	19.68 1.12 0.00	14.99 0.83 0.00
UPPER RAQUET___HYD 24056	21.69 -0.40 0.00	20.52 -0.37 0.00	16.49 -0.31 0.00	17.21 -0.34 0.00	15.99 -0.32 0.00	17.31 -0.35 0.00	18.80 -0.36 0.00	17.06 -0.35 0.00	19.22 -0.42 0.00	14.64 -0.35 0.00	15.11 -0.40 0.00	11.62 -0.32 0.00	13.17 -0.34 0.00	10.60 -0.30 0.00	12.67 -0.39 0.00	14.88 -0.47 0.00	16.52 -0.62 0.00	12.77 -0.48 0.00	20.10 -0.72 0.00	7.13 -0.27 0.00	8.95 -0.35 0.00	15.70 -0.55 0.00	18.04 -0.52 0.00	13.76 -0.40 0.00
VALLEY44_115KV_TB2 355964	22.60 0.52 0.00	21.35 0.46 0.00	17.02 0.22 0.00	17.99 0.44 0.00	16.66 0.35 0.00	18.04 0.38 0.00	19.63 0.47 0.00	17.73 0.32 0.00	19.87 0.18 -0.05	15.67 0.17 -0.50	15.60 0.06 -0.02	12.16 -0.08 -0.31	13.05 -0.45 0.00	10.90 -0.07 -0.06	13.07 0.00 0.00	15.33 -0.02 0.00	17.20 0.05 0.00	14.62 -0.03 -1.40	21.69 -0.17 -1.04	9.09 0.00 -1.69	10.18 0.01 -0.87	16.31 0.05 0.00	18.82 0.27 0.00	14.35 0.19 0.00
VALLEY___115KV_TB 1-4 80826	21.87 -0.21 0.00	20.73 -0.16 0.00	16.75 -0.05 0.00	17.51 -0.03 0.00	16.28 -0.03 0.00	17.59 -0.07 0.00	19.04 -0.11 0.00	17.22 -0.19 0.00	19.33 -0.31 0.00	14.87 -0.12 0.00	15.34 -0.17 0.00	11.73 -0.20 0.00	12.71 -0.79 0.00	10.63 -0.28 -0.01	12.85 -0.21 0.00	15.12 -0.23 0.00	17.04 -0.10 0.00	13.27 0.01 0.00	20.91 0.09 0.00	7.42 0.02 0.00	9.28 -0.03 0.00	16.22 -0.03 0.00	18.43 -0.13 0.00	14.07 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.67 0.59 0.00	21.35 0.46 0.00	17.15 0.35 0.00	17.90 0.36 0.00	16.64 0.33 0.00	18.02 0.36 0.00	19.57 0.41 0.00	17.87 0.45 0.00	20.13 0.37 -0.11	16.69 0.39 -1.31	15.95 0.38 -0.05	13.02 0.28 -0.80	13.45 -0.05 0.00	11.30 0.25 -0.15	13.45 0.38 0.00	15.81 0.46 0.00	17.73 0.58 0.00	17.64 0.49 -3.90	24.48 0.76 -2.90	12.35 0.27 -4.68	12.04 0.33 -2.41	16.78 0.52 0.00	19.10 0.54 0.00	14.55 0.39 0.00
VISCHER___FERRY HYD 24020	22.64 0.56 0.00	21.43 0.54 0.00	17.28 0.48 0.00	17.99 0.45 0.00	16.75 0.43 0.00	18.15 0.48 0.00	19.67 0.52 0.00	17.96 0.55 0.00	20.72 0.50 -0.58	22.47 0.45 -7.02	16.26 0.41 -0.34	16.55 0.33 -4.28	13.61 0.11 0.00	11.95 0.27 -0.77	13.42 0.36 0.00	15.79 0.44 0.00	17.73 0.58 0.00	34.90 0.49 -21.15	37.35 0.80 -15.73	33.10 0.28 -25.41	22.75 0.35 -13.09	16.81 0.56 0.00	19.07 0.51 0.00	14.58 0.42 0.00
V_A_10_SYNC_DSASP 323832	22.08 0.00 0.00	20.95 0.06 0.00	16.73 -0.07 0.00	17.68 0.14 0.00	16.38 0.08 0.00	17.74 0.08 0.00	19.29 0.13 0.00	17.37 -0.04 0.00	19.38 -0.30 -0.04	15.20 -0.18 -0.39	15.24 -0.29 -0.02	11.89 -0.28 -0.24	12.83 -0.67 0.00	10.67 -0.28 -0.05	12.83 -0.24 0.00	15.06 -0.30 0.00	16.86 -0.29 0.00	14.12 -0.18 -1.05	21.31 -0.29 -0.78	8.62 -0.04 -1.26	9.90 -0.06 -0.65	16.10 -0.16 0.00	18.50 -0.06 0.00	14.10 -0.07 0.00
V_CMM_10_SYNC_DSASP 323787	21.96 -0.12 0.00	20.77 -0.12 0.00	16.70 -0.10 0.00	17.44 -0.10 0.00	16.21 -0.10 0.00	17.56 -0.10 0.00	19.05 -0.11 0.00	17.27 -0.14 0.00	19.47 -0.18 0.00	14.85 -0.14 0.00	15.37 -0.14 0.00	11.84 -0.09 0.00	13.44 -0.06 0.00	10.82 -0.08 0.00	12.95 -0.11 0.00	15.21 -0.15 0.00	16.89 -0.26 0.00	13.01 -0.24 0.00	20.41 -0.41 0.00	7.25 -0.15 0.00	9.13 -0.18 0.00	16.02 -0.23 0.00	18.39 -0.17 0.00	14.02 -0.14 0.00
V_CMP_10_SYNC_DSASP 323788	22.92 0.84 0.00	21.60 0.71 0.00	17.40 0.60 0.00	18.17 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.64 0.00	17.97 0.56 0.00	20.28 0.63 0.00	15.45 0.46 0.00	15.85 0.33 0.00	12.25 0.32 0.00	13.83 0.33 0.00	11.09 0.19 0.00	13.10 0.04 0.00	15.33 -0.03 0.00	17.04 -0.10 0.00	13.16 -0.09 0.00	20.48 -0.34 0.00	7.19 -0.22 0.00	8.99 -0.31 0.00	15.85 -0.41 0.00	18.44 -0.12 0.00	14.18 0.02 0.00
V_E_10_SYNC_DSASP 323830	23.39 1.31 0.00	22.10 1.21 0.00	17.64 0.84 0.00	18.44 0.89 0.00	17.08 0.77 0.00	18.47 0.81 0.00	20.14 0.98 0.00	18.34 0.93 0.00	20.52 0.80 -0.08	16.54 0.65 -0.89	16.00 0.45 -0.04	12.67 0.19 -0.54	13.26 -0.24 0.00	11.15 0.15 -0.10	13.34 0.28 0.00	15.76 0.41 0.00	17.84 0.70 0.00	16.61 0.76 -2.60	24.17 1.42 -1.93	11.08 0.56 -3.12	11.59 0.68 -1.61	17.42 1.17 0.00	19.82 1.26 0.00	15.06 0.90 0.00
V_F_30_NSYNC___DSASP 323816	23.06 0.98 0.00	21.82 0.93 0.00	17.59 0.79 0.00	18.33 0.79 0.00	17.05 0.74 0.00	18.49 0.83 0.00	20.07 0.91 0.00	18.31 0.90 0.00	21.16 0.92 -0.59	22.85 0.76 -7.10	16.56 0.70 -0.34	16.81 0.54 -4.33	13.82 0.32 0.00	12.11 0.43 -0.78	13.62 0.55 0.00	16.03 0.68 0.00	18.02 0.87 0.00	35.38 0.75 -21.37	37.92 1.20 -15.90	33.51 0.43 -25.68	23.07 0.54 -13.23	17.14 0.88 0.00	19.47 0.91 0.00	14.85 0.69 0.00

V_F_30_SYNC_DSASP 323786	22.33 0.25 0.00	21.17 0.27 0.00	17.06 0.26 0.00	17.76 0.22 0.00	16.55 0.24 0.00	17.92 0.25 0.00	19.40 0.24 0.00	17.72 0.30 0.00	20.45 0.23 -0.58	22.25 0.25 -7.01	16.10 0.25 -0.34	16.41 0.21 -4.28	13.51 0.01 0.00	11.86 0.18 -0.77	13.32 0.25 0.00	15.66 0.31 0.00	17.57 0.43 0.00	34.72 0.35 -21.11	37.09 0.57 -15.71	32.96 0.20 -25.36	22.62 0.25 -13.07	16.63 0.38 0.00	18.84 0.28 0.00	14.42 0.26 0.00
V_XM_10_SYNC_DSASP 323789	22.92 0.84 0.00	21.60 0.71 0.00	17.40 0.60 0.00	18.17 0.62 0.00	16.87 0.56 0.00	18.25 0.59 0.00	19.80 0.64 0.00	17.97 0.56 0.00	20.28 0.63 0.00	15.45 0.46 0.00	15.85 0.33 0.00	12.25 0.32 0.00	13.83 0.33 0.00	11.09 0.19 0.00	13.10 0.04 0.00	15.33 -0.03 0.00	17.04 -0.10 0.00	13.16 -0.09 0.00	20.48 -0.34 0.00	7.19 -0.22 0.00	8.99 -0.31 0.00	15.85 -0.41 0.00	18.44 -0.12 0.00	14.18 0.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.94 0.86 0.00	21.68 0.78 0.00	17.49 0.70 0.00	18.15 0.61 0.00	16.88 0.57 0.00	18.29 0.62 0.00	19.82 0.66 0.00	18.18 0.76 0.00	20.83 0.76 -0.43	20.80 0.68 -5.13	16.53 0.77 -0.25	15.69 0.62 -3.13	13.97 0.46 0.00	12.06 0.59 -0.57	13.83 0.76 0.00	16.25 0.90 0.00	18.23 1.08 0.00	29.51 0.81 -15.44	33.53 1.22 -11.48	26.37 0.42 -18.55	19.40 0.54 -9.56	17.12 0.86 0.00	19.39 0.83 0.00	14.80 0.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.09 1.01 0.00	21.80 0.91 0.00	17.61 0.81 0.00	18.24 0.70 0.00	16.97 0.67 0.00	18.39 0.73 0.00	19.93 0.77 0.00	18.31 0.89 0.00	21.01 0.91 -0.45	21.24 0.80 -5.45	16.68 0.91 -0.26	16.00 0.74 -3.33	14.09 0.59 0.00	12.19 0.69 -0.60	13.94 0.88 0.00	16.38 1.03 0.00	18.36 1.22 0.00	30.54 0.88 -16.41	34.31 1.28 -12.21	27.57 0.46 -19.72	20.05 0.59 -10.16	17.22 0.97 0.00	19.49 0.93 0.00	14.88 0.72 0.00
W50THST__13_KV_LOAD 356117	23.25 1.17 0.00	21.94 1.05 0.00	17.72 0.93 0.00	18.36 0.81 0.00	17.09 0.78 0.00	18.51 0.84 0.00	20.06 0.91 0.00	18.43 1.01 0.00	21.15 1.05 -0.45	21.36 0.91 -5.45	16.81 1.03 -0.26	16.09 0.83 -3.33	14.20 0.69 0.00	12.28 0.78 -0.60	14.04 0.98 0.00	16.49 1.14 0.00	18.49 1.35 0.00	30.65 0.98 -16.41	34.47 1.44 -12.21	27.63 0.51 -19.72	20.12 0.66 -10.16	17.33 1.08 0.00	19.62 1.06 0.00	14.97 0.81 0.00
WADING RIVER_IC_1 23522	23.91 1.83 0.00	22.50 1.61 0.00	18.18 1.38 0.00	18.87 1.33 0.00	17.53 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.51 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.29 1.60 -2.18	19.30 1.25 -6.12	16.63 1.12 -2.02	14.65 1.12 -2.64	16.71 1.38 -2.27	20.01 1.64 -3.02	26.95 1.89 -7.91	48.75 1.35 -34.15	66.39 2.05 -43.52	50.84 0.78 -42.66	84.00 1.01 -73.69	25.44 1.68 -7.50	31.71 1.70 -11.45	25.53 1.31 -10.06
WADING RIVER_IC_2 23547	23.91 1.83 0.00	22.50 1.61 0.00	18.18 1.38 0.00	18.87 1.33 0.00	17.53 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.51 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.29 1.60 -2.18	19.30 1.25 -6.12	16.63 1.12 -2.02	14.65 1.12 -2.64	16.71 1.38 -2.27	20.01 1.64 -3.02	26.95 1.89 -7.91	48.75 1.35 -34.15	66.39 2.05 -43.52	50.84 0.78 -42.66	84.00 1.01 -73.69	25.44 1.68 -7.50	31.71 1.70 -11.45	25.53 1.31 -10.06
WADING RIVER_IC_3 23601	23.91 1.83 0.00	22.50 1.61 0.00	18.18 1.38 0.00	18.87 1.33 0.00	17.53 1.23 0.00	18.98 1.31 0.00	20.53 1.38 0.00	18.93 1.51 0.00	21.76 1.66 -0.45	22.06 1.37 -5.69	19.29 1.60 -2.18	19.30 1.25 -6.12	16.63 1.12 -2.02	14.65 1.12 -2.64	16.71 1.38 -2.27	20.01 1.64 -3.02	26.95 1.89 -7.91	48.75 1.35 -34.15	66.39 2.05 -43.52	50.84 0.78 -42.66	84.00 1.01 -73.69	25.44 1.68 -7.50	31.71 1.70 -11.45	25.53 1.31 -10.06
WALDENNY_12_KV_BK2 80841	22.42 0.34 0.00	21.22 0.33 0.00	16.92 0.11 0.00	17.92 0.37 0.00	16.59 0.28 0.00	17.97 0.30 0.00	19.56 0.40 0.00	17.57 0.16 0.00	19.62 -0.06 -0.04	15.44 -0.01 -0.46	15.44 -0.09 -0.02	12.08 -0.13 -0.28	13.02 -0.48 0.00	10.82 -0.13 -0.06	13.00 -0.06 0.00	15.27 -0.08 0.00	17.11 -0.03 0.00	14.50 -0.01 -0.126	21.70 -0.06 -0.94	8.97 0.05 -1.51	10.15 0.06 -0.78	16.32 0.06 0.00	18.76 0.20 0.00	14.29 0.13 0.00
WALDEN__HYDRO 24148	22.94 0.85 0.00	21.67 0.78 0.00	17.48 0.68 0.00	18.15 0.61 0.00	16.88 0.57 0.00	18.29 0.63 0.00	19.82 0.67 0.00	18.16 0.75 0.00	20.82 0.75 -0.43	20.81 0.64 -5.18	16.46 0.70 -0.25	15.64 0.55 -3.16	13.88 0.38 0.00	11.97 0.50 -0.57	13.71 0.65 0.00	16.13 0.77 0.00	18.11 0.97 0.00	29.57 0.73 -15.59	33.58 1.16 -11.60	26.55 0.42 -18.73	19.49 0.53 -9.65	17.11 0.85 0.00	19.39 0.83 0.00	14.79 0.63 0.00
WARRENSBURG____ 23737	23.24 1.16 0.00	21.96 1.07 0.00	17.75 0.95 0.00	18.50 0.96 0.00	17.20 0.89 0.00	18.66 1.00 0.00	20.29 1.13 0.00	18.53 1.12 0.00	21.44 1.21 -0.59	23.06 0.97 -7.11	16.65 0.79 -0.34	16.89 0.62 -4.34	13.86 0.36 0.00	12.11 0.43 -0.78	13.60 0.54 0.00	16.03 0.68 0.00	18.03 0.89 0.00	35.46 0.79 -21.41	38.01 1.26 -15.92	33.58 0.46 -25.72	23.17 0.62 -13.25	17.27 1.02 0.00	19.68 1.12 0.00	14.99 0.83 0.00
WATERSIDE____6 8 9 23538	23.07 0.99 0.00	21.78 0.88 0.00	17.61 0.82 0.00	18.23 0.68 0.00	16.96 0.65 0.00	18.36 0.70 0.00	19.89 0.73 0.00	18.28 0.87 0.00	20.97 0.87 -0.45	21.22 0.78 -5.45	16.67 0.90 -0.26	15.98 0.72 -3.33	14.08 0.58 0.00	12.19 0.69 -0.60	13.93 0.87 0.00	16.36 1.01 0.00	18.35 1.21 0.00	30.53 0.87 -16.41	34.31 1.28 -12.21	27.58 0.46 -19.72	20.07 0.61 -10.16	17.23 0.98 0.00	19.50 0.94 0.00	14.89 0.73 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.97 -0.11 0.00	20.79 -0.10 0.00	16.76 -0.04 0.00	17.51 -0.04 0.00	16.28 -0.03 0.00	17.61 -0.05 0.00	19.08 -0.07 0.00	17.31 -0.11 0.00	19.43 -0.22 0.00	14.93 -0.06 0.00	15.40 -0.11 0.00	11.82 -0.12 0.00	12.84 -0.66 0.00	10.73 -0.18 -0.01	12.95 -0.11 0.00	15.22 -0.13 0.00	17.10 -0.04 0.00	13.28 0.03 0.00	20.92 0.10 0.00	7.44 0.04 0.00	9.33 0.03 0.00	16.29 0.03 0.00	18.51 -0.05 0.00	14.12 -0.04 0.00
WATSON__69_KV_BK 1 55734	23.92 1.84 0.00	22.51 1.62 0.00	18.18 1.38 0.00	18.87 1.33 0.00	17.53 1.22 0.00	18.98 1.32 0.00	20.54 1.39 0.00	18.92 1.50 0.00	21.75 1.66 -0.45	22.14 1.37 -5.78	20.00 1.57 -2.92	20.39 1.23 -7.22	17.37 1.11 -2.76	15.42 1.12 -3.40	17.56 1.39 -3.11	21.10 1.62 -4.14	28.41 1.87 -9.39	51.74 1.37 -37.12	75.37 2.03 -52.53	53.66 0.75 -45.51	86.83 1.01 -76.52	27.87 1.67 -9.95	32.10 1.69 -11.84	25.97 1.31 -10.50
WDELAWARE__HYD 323627	22.57 0.49 0.00	21.32 0.42 0.00	17.18 0.38 0.00	17.86 0.32 0.00	16.61 0.30 0.00	18.00 0.33 0.00	19.52 0.37 0.00	17.88 0.46 0.00	20.46 0.44 -0.37	19.89 0.41 -4.49	16.17 0.44 -0.22	14.97 0.29 -2.74	13.28 -0.22 0.00	11.40 0.00 -0.50	13.11 0.05 0.00	15.45 0.10 0.00	17.34 0.19 0.00	26.93 0.16 -13.51	31.17 0.30 -10.05	23.74 0.11 -16.23	18.06 0.39 -8.36	16.90 0.64 0.00	19.16 0.60 0.00	14.60 0.44 0.00

WEST BABYLON___IC 23714	23.81 1.73 0.00	22.41 1.52 0.00	18.10 1.30 0.00	18.77 1.23 0.00	17.44 1.14 0.00	18.89 1.23 0.00	20.45 1.29 0.00	18.82 1.41 0.00	21.65 1.55 -0.45	22.25 1.29 -5.97	21.53 1.48 -4.54	22.72 1.16 -9.63	18.94 1.04 -4.41	17.02 1.06 -5.06	19.33 1.31 -4.96	23.45 1.53 -6.57	31.54 1.77 -12.63	58.15 1.29 -43.61	94.95 1.91 -72.22	59.84 0.71 -51.73	92.93 0.95 -82.68	33.10 1.56 -15.28	32.83 1.60 -12.68	26.83 1.24 -11.42
WEST CANADA___HYD 24049	22.06 -0.02 0.00	20.87 -0.02 0.00	16.78 -0.02 0.00	17.53 -0.02 0.00	16.29 -0.02 0.00	17.65 -0.02 0.00	19.14 -0.02 0.00	17.34 -0.08 0.00	19.43 -0.21 0.00	14.96 -0.03 0.00	15.46 -0.05 0.00	11.88 -0.05 0.00	12.97 -0.53 0.00	10.82 -0.09 -0.01	13.04 -0.02 0.00	15.34 -0.02 0.00	17.15 0.00 0.00	13.27 0.01 0.00	20.86 0.04 0.00	7.41 0.01 0.00	9.31 0.01 0.00	16.25 0.00 0.00	18.54 -0.02 0.00	14.14 -0.01 0.00
WESTERN_NY_WIND 24143	22.61 0.53 0.00	21.44 0.54 0.00	17.11 0.30 0.00	18.08 0.54 0.00	16.76 0.45 0.00	18.16 0.49 0.00	19.76 0.60 0.00	17.79 0.37 0.00	19.80 0.12 -0.04	15.45 0.06 -0.40	15.45 -0.08 -0.02	12.05 -0.13 -0.25	13.01 -0.49 0.00	10.85 -0.10 -0.05	12.99 -0.07 0.00	15.27 -0.08 0.00	17.12 -0.03 0.00	14.44 0.09 -1.09	21.91 0.27 -0.81	8.90 0.19 -1.32	10.21 0.23 -0.68	16.56 0.31 0.00	19.00 0.44 0.00	14.46 0.30 0.00
WESTOVER___LESR 323668	22.35 0.27 0.00	21.07 0.18 0.00	16.87 0.07 0.00	17.71 0.17 0.00	16.45 0.13 0.00	17.81 0.14 0.00	19.35 0.19 0.00	17.54 0.12 0.00	19.64 -0.08 -0.07	15.89 0.02 -0.88	15.50 -0.05 -0.04	12.42 -0.05 -0.53	13.05 -0.45 0.00	10.98 -0.02 -0.10	13.13 0.07 0.00	15.42 0.07 0.00	17.32 0.17 0.00	15.98 0.17 -2.55	22.92 0.20 -1.90	10.57 0.10 -3.07	11.00 0.12 -1.58	16.43 0.17 0.00	18.77 0.21 0.00	14.31 0.15 0.00
WETHRSFD_WT_PWR 323626	22.32 0.24 0.00	21.13 0.24 0.00	16.86 0.06 0.00	17.84 0.30 0.00	16.54 0.23 0.00	17.91 0.24 0.00	19.46 0.30 0.00	17.51 0.09 0.00	19.49 -0.20 -0.05	15.41 -0.11 -0.52	15.35 -0.19 -0.02	12.06 -0.19 -0.32	12.94 -0.56 0.00	10.79 -0.17 -0.07	12.96 -0.11 0.00	15.20 -0.15 0.00	17.05 -0.09 0.00	14.65 -0.05 -1.45	21.77 -0.12 -1.08	9.16 0.02 -1.74	10.22 0.02 -0.90	16.26 0.01 0.00	18.69 0.13 0.00	14.26 0.10 0.00
WHAVSTOR_138KV_BK127 55557	22.86 0.78 0.00	21.60 0.71 0.00	17.44 0.63 0.00	18.09 0.54 0.00	16.82 0.52 0.00	18.23 0.56 0.00	19.74 0.58 0.00	18.11 0.69 0.00	20.76 0.68 -0.43	20.75 0.62 -5.14	16.47 0.70 -0.25	15.65 0.58 -3.14	13.92 0.41 0.00	12.01 0.54 -0.57	13.77 0.71 0.00	16.18 0.83 0.00	18.15 1.00 0.00	29.47 0.74 -15.47	33.44 1.11 -11.51	26.37 0.39 -18.58	19.37 0.50 -9.57	17.04 0.79 0.00	19.32 0.75 0.00	14.74 0.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.86 0.78 0.00	21.60 0.71 0.00	17.44 0.63 0.00	18.09 0.54 0.00	16.82 0.52 0.00	18.23 0.56 0.00	19.74 0.58 0.00	18.11 0.69 0.00	20.76 0.68 -0.43	20.75 0.62 -5.14	16.47 0.70 -0.25	15.65 0.58 -3.14	13.92 0.41 0.00	12.01 0.54 -0.57	13.77 0.71 0.00	16.18 0.83 0.00	18.15 1.00 0.00	29.47 0.74 -15.47	33.44 1.11 -11.51	26.37 0.39 -18.58	19.37 0.50 -9.57	17.04 0.79 0.00	19.32 0.75 0.00	14.74 0.58 0.00
WHITEHAL_115KV_TB1 80871	23.61 1.53 0.00	22.21 1.32 0.00	17.97 1.17 0.00	18.70 1.15 0.00	17.36 1.05 0.00	18.85 1.19 0.00	20.56 1.40 0.00	18.85 1.44 0.00	21.84 1.60 -0.59	23.32 1.22 -7.10	16.81 0.96 -0.34	17.07 0.80 -4.33	14.09 0.58 0.00	12.33 0.65 -0.78	13.83 0.76 0.00	16.25 0.90 0.00	18.34 1.20 0.00	35.81 1.16 -21.39	38.51 1.78 -15.91	33.79 0.69 -25.70	23.37 0.83 -13.24	17.64 1.39 0.00	19.95 1.39 0.00	15.16 1.00 0.00
WHITEPLN_13_KV_LOAD 356215	23.16 1.08 0.00	21.86 0.97 0.00	17.65 0.84 0.00	18.30 0.76 0.00	17.03 0.72 0.00	18.45 0.78 0.00	19.99 0.83 0.00	18.34 0.93 0.00	21.06 0.97 -0.45	21.27 0.85 -5.43	16.72 0.95 -0.26	16.01 0.76 -3.31	14.12 0.62 0.00	12.20 0.70 -0.60	13.96 0.89 0.00	16.41 1.05 0.00	18.40 1.25 0.00	30.53 0.93 -16.35	34.39 1.40 -12.16	27.54 0.50 -19.64	20.06 0.64 -10.12	17.28 1.03 0.00	19.58 1.01 0.00	14.95 0.78 0.00
WM_FLOYD_69_KV_BK2 356380	23.88 1.80 0.00	22.48 1.59 0.00	18.17 1.37 0.00	18.85 1.31 0.00	17.51 1.20 0.00	18.97 1.30 0.00	20.51 1.35 0.00	18.91 1.49 0.00	21.73 1.63 -0.45	22.03 1.34 -5.69	19.31 1.58 -2.23	19.35 1.23 -6.18	16.65 1.09 -2.06	14.67 1.09 -2.68	16.74 1.36 -2.32	20.04 1.61 -3.09	26.99 1.85 -8.00	48.91 1.32 -34.33	66.91 2.02 -44.07	51.00 0.76 -42.84	84.17 0.99 -73.88	25.56 1.66 -7.65	31.71 1.67 -11.47	25.53 1.28 -10.09
WOODARD___115KV_TB2 355635	22.04 -0.04 0.00	20.83 -0.06 0.00	16.72 -0.08 0.00	17.49 -0.05 0.00	16.25 -0.06 0.00	17.60 -0.07 0.00	19.11 -0.05 0.00	17.32 -0.10 0.00	19.26 -0.41 -0.03	15.04 -0.23 -0.28	15.24 -0.29 -0.01	11.87 -0.24 -0.17	12.80 -0.70 0.00	10.76 -0.18 -0.04	12.96 -0.10 0.00	15.24 -0.11 0.00	17.08 -0.06 0.00	13.97 0.00 -0.71	21.40 0.05 -0.53	8.29 0.03 -0.86	9.77 0.02 -0.44	16.25 0.00 0.00	18.55 -0.02 0.00	14.13 -0.03 0.00
YORK___WARBASSE 23770	23.13 1.04 0.00	21.83 0.93 0.00	17.65 0.85 0.00	18.26 0.72 0.00	16.99 0.68 0.00	18.40 0.73 0.00	19.93 0.77 0.00	18.32 0.90 0.00	21.01 0.91 -0.45	21.25 0.81 -5.45	16.70 0.92 -0.26	16.01 0.75 -3.33	14.11 0.61 0.00	12.21 0.71 -0.60	13.95 0.89 0.00	16.39 1.03 0.00	18.39 1.24 0.00	30.57 0.90 -16.41	34.39 1.36 -12.21	27.60 0.49 -19.72	20.11 0.65 -10.16	17.29 1.04 0.00	19.57 1.01 0.00	14.90 0.74 0.00