

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/06/2023

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	19.77	18.90	18.86	18.75	18.74	19.97	20.19	20.63	18.82	17.07	8.94	9.19	12.62	10.49	7.39	6.04	14.41	16.95	21.16	37.60	28.58	56.75	22.20	18.95
24138	1.29	1.25	1.23	1.26	1.24	1.28	1.27	1.44	1.39	1.32	0.68	0.70	1.01	0.79	0.58	0.47	0.59	0.05	0.28	0.27	0.54	-0.52	0.34	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-0.66	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.91	-16.16	-17.04	-33.66	-20.25	-65.58	-17.13	-14.04
74TH STREET_GT_1	19.82	18.93	18.88	18.76	18.76	20.02	20.24	20.68	18.86	17.09	8.95	9.20	12.62	10.50	7.39	6.04	14.43	16.98	21.21	37.67	28.63	56.87	22.24	18.97
24260	1.33	1.28	1.26	1.28	1.26	1.33	1.32	1.49	1.43	1.34	0.69	0.71	1.01	0.80	0.58	0.48	0.59	0.05	0.29	0.28	0.55	-0.54	0.35	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-0.66	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.93	-16.19	-17.07	-33.73	-20.30	-65.72	-17.17	-14.05
74TH STREET_GT_2	19.82	18.93	18.88	18.76	18.76	20.02	20.24	20.68	18.86	17.09	8.95	9.20	12.62	10.50	7.39	6.04	14.43	16.98	21.21	37.67	28.63	56.87	22.24	18.97
24261	1.33	1.28	1.26	1.28	1.26	1.33	1.32	1.49	1.43	1.34	0.69	0.71	1.01	0.80	0.58	0.48	0.59	0.05	0.29	0.28	0.55	-0.54	0.35	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-0.66	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.93	-16.19	-17.07	-33.73	-20.30	-65.72	-17.17	-14.05
ADK HUDSON___FALLS	19.34	18.46	18.34	18.21	18.27	19.54	20.17	20.40	18.27	16.29	8.47	8.76	12.05	10.07	7.07	5.77	17.30	23.27	27.39	50.16	35.92	81.04	28.41	24.10
24011	0.85	0.81	0.71	0.73	0.77	0.85	0.83	0.80	0.68	0.54	0.21	0.27	0.43	0.37	0.26	0.22	0.32	0.04	0.21	0.19	0.42	-0.42	0.22	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-1.07	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.07	-22.48	-23.33	-46.30	-27.72	-89.77	-23.46	-19.33
ADK RESOURCE___RCVRY	19.43	18.54	18.39	18.27	18.37	19.61	20.27	20.38	18.33	16.33	8.48	8.80	12.10	10.12	7.11	5.81	17.34	23.27	27.44	50.01	36.01	81.08	28.45	24.04
23798	0.95	0.90	0.77	0.79	0.87	0.92	0.93	0.88	0.74	0.58	0.22	0.30	0.49	0.43	0.30	0.24	0.36	0.05	0.25	0.22	0.47	-0.48	0.25	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-0.96	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.07	-22.48	-23.35	-46.12	-27.75	-89.87	-23.48	-19.24
ADK S GLENS___FALLS	19.34	18.46	18.34	18.21	18.27	19.54	20.17	20.40	18.27	16.29	8.47	8.76	12.05	10.07	7.07	5.77	17.30	23.27	27.39	50.16	35.92	81.04	28.41	24.10
24028	0.85	0.81	0.71	0.73	0.77	0.85	0.83	0.80	0.68	0.54	0.21	0.27	0.43	0.37	0.26	0.22	0.32	0.04	0.21	0.19	0.42	-0.42	0.22	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-1.07	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.07	-22.48	-23.33	-46.30	-27.72	-89.77	-23.46	-19.33
ADK_NYS___DAM	19.25	18.41	18.28	18.16	18.22	19.42	19.98	20.12	18.17	16.21	8.42	8.69	11.95	9.95	6.99	5.71	16.72	22.17	26.19	47.67	34.44	76.93	27.23	23.04
23527	0.77	0.76	0.66	0.67	0.72	0.73	0.70	0.67	0.60	0.47	0.16	0.20	0.33	0.25	0.18	0.15	0.22	0.03	0.12	0.11	0.24	-0.29	0.16	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-0.92	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.59	-21.39	-22.22	-43.90	-26.41	-85.53	-22.34	-18.31
AIR_PRODUCTS___DRP	18.66	17.85	17.75	17.62	17.66	18.85	19.42	19.69	17.72	15.89	8.30	8.55	11.74	9.78	6.88	5.61	16.60	22.20	26.13	47.98	34.27	77.19	27.10	22.80
24190	0.17	0.20	0.13	0.14	0.15	0.15	0.14	0.14	0.16	0.14	0.04	0.06	0.12	0.08	0.06	0.05	0.07	0.00	0.04	0.04	0.07	-0.05	0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-1.02	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.63	-21.45	-22.24	-44.27	-26.42	-85.55	-22.34	-18.19
AKWESSNE_115KV_BK	18.28	17.44	17.43	17.30	17.30	18.46	17.79	18.29	16.86	15.56	8.19	8.41	11.45	9.57	6.73	5.49	6.86	0.85	3.90	3.89	7.80	-7.77	4.76	4.58
355683	-0.20	-0.21	-0.19	-0.19	-0.20	-0.23	-0.22	-0.25	-0.23	-0.19	-0.07	-0.09	-0.16	-0.13	-0.08	-0.07	-0.09	-0.01	-0.06	-0.05	-0.11	0.12	-0.07	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.11	-0.11	-0.28	-0.13	-0.42	-0.11	-0.07
ALBANY___1	18.66	17.85	17.75	17.62	17.66	18.85	19.42	19.69	17.72	15.89	8.30	8.55	11.74	9.78	6.88	5.61	16.60	22.20	26.13	47.98	34.27	77.19	27.10	22.80
23571	0.17	0.20	0.13	0.14	0.15	0.15	0.14	0.14	0.16	0.14	0.04	0.06	0.12	0.08	0.06	0.05	0.07	0.00	0.04	0.04	0.07	-0.05	0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-1.02	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.63	-21.45	-22.24	-44.27	-26.42	-85.55	-22.34	-18.19
ALBANY___2	18.66	17.85	17.75	17.62	17.66	18.85	19.42	19.69	17.72	15.89	8.30	8.55	11.74	9.78	6.88	5.61	16.60	22.20	26.13	47.98	34.27	77.19	27.10	22.80
23572	0.17	0.20	0.13	0.14	0.15	0.15	0.14	0.14	0.16	0.14	0.04	0.06	0.12	0.08	0.06	0.05	0.07	0.00	0.04	0.04	0.07	-0.05	0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-1.02	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.63	-21.45	-22.24	-44.27	-26.42	-85.55	-22.34	-18.19
ALBANY___3	18.66	17.85	17.75	17.62	17.66	18.85	19.42	19.69	17.72	15.89	8.30	8.55	11.74	9.78	6.88	5.61	16.60	22.20	26.13	47.98	34.27	77.19	27.10	22.80
23573	0.17	0.20	0.13	0.14	0.15	0.15	0.14	0.14	0.16	0.14	0.04	0.06	0.12	0.08	0.06	0.05	0.07	0.00	0.04	0.04	0.07	-0.05	0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-1.02	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.63	-21.45	-22.24	-44.27	-26.42	-85.55	-22.34	-18.19

ALBANY___4 23574	18.66 0.17 0.00	17.85 0.20 0.00	17.75 0.13 0.00	17.62 0.14 0.00	17.66 0.15 0.00	18.85 0.15 0.00	19.42 0.14 -1.28	19.69 0.14 -1.02	17.72 0.16 -0.49	15.89 0.14 0.00	8.30 0.04 0.00	8.55 0.06 0.00	11.74 0.12 0.00	9.78 0.08 0.00	6.88 0.06 0.00	5.61 0.05 0.00	16.60 0.07 -9.63	22.20 0.00 -21.45	26.13 0.04 -22.24	47.98 0.04 -44.27	34.27 0.07 -26.42	77.19 -0.05 -85.55	27.10 0.03 -22.34	22.80 0.03 -18.19
ALBANY___LFGE 323615	18.84 0.35 0.00	18.02 0.37 0.00	17.91 0.29 0.00	17.78 0.30 0.00	17.82 0.32 0.00	19.01 0.32 0.00	19.59 0.29 -1.29	19.76 0.30 -0.93	17.87 0.29 -0.49	16.01 0.26 0.00	8.37 0.10 0.00	8.62 0.12 0.00	11.84 0.22 0.00	9.86 0.15 0.00	6.93 0.12 0.00	5.66 0.09 0.00	16.76 0.13 -9.72	22.40 0.01 -21.65	26.39 0.08 -22.47	48.12 0.07 -44.39	34.63 0.14 -26.71	78.05 -0.13 -86.48	27.39 0.07 -22.59	23.16 0.08 -18.51
ALCOA_PA_115KV_PL-6C 55860	18.31 -0.18 0.00	17.47 -0.18 0.00	17.46 -0.16 0.00	17.33 -0.16 0.00	17.33 -0.17 0.00	18.48 -0.21 0.00	17.80 -0.20 -0.01	18.31 -0.24 -0.02	16.86 -0.23 0.00	15.57 -0.18 0.00	8.19 -0.07 0.00	8.41 -0.09 0.00	11.45 -0.16 0.00	9.56 -0.13 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.87 -0.10 -0.06	0.87 -0.01 -0.14	3.93 -0.06 -0.14	3.94 -0.05 -0.33	7.83 -0.11 -0.16	-7.66 0.12 -0.53	4.79 -0.07 -0.14	4.61 -0.06 -0.10
ALCOA_RYNLDS___DRP 24188	18.31 -0.18 0.00	17.47 -0.18 0.00	17.46 -0.16 0.00	17.33 -0.16 0.00	17.33 -0.17 0.00	18.48 -0.21 0.00	17.80 -0.20 -0.01	18.31 -0.24 -0.02	16.86 -0.23 0.00	15.57 -0.18 0.00	8.19 -0.07 0.00	8.41 -0.09 0.00	11.45 -0.16 0.00	9.56 -0.13 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.87 -0.10 -0.06	0.87 -0.01 -0.14	3.93 -0.06 -0.14	3.94 -0.05 -0.33	7.83 -0.11 -0.16	-7.66 0.12 -0.53	4.79 -0.07 -0.14	4.61 -0.06 -0.10
ALCOA___DSASP 323711	18.30 -0.18 0.00	17.47 -0.18 0.00	17.46 -0.16 0.00	17.33 -0.16 0.00	17.32 -0.18 0.00	18.49 -0.20 0.00	17.80 -0.20 0.00	18.29 -0.24 0.00	16.85 -0.23 0.00	15.57 -0.18 0.00	8.19 -0.07 0.00	8.40 -0.09 0.00	11.45 -0.17 0.00	9.56 -0.13 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.81 -0.10 0.00	0.74 -0.01 0.00	3.79 -0.06 0.00	3.61 -0.05 0.00	7.67 -0.11 0.00	-8.19 0.12 0.00	4.65 -0.07 0.00	4.50 -0.07 0.00
ALLEGHENY___COGEN 23514	18.97 0.49 0.00	18.09 0.44 0.00	18.11 0.49 0.00	17.93 0.45 0.00	17.95 0.44 0.00	19.00 0.31 0.00	18.46 0.29 -0.17	19.54 0.14 -0.87	17.01 -0.14 -0.06	15.60 -0.15 0.00	8.19 -0.07 0.00	8.45 -0.05 0.00	11.52 -0.09 0.00	9.69 0.00 0.00	6.76 -0.05 0.00	5.52 -0.04 0.00	8.11 -0.07 -1.27	3.64 0.01 -2.89	6.85 -0.02 -3.01	9.64 0.02 -5.96	11.55 0.18 -3.58	3.03 -0.27 -11.60	7.85 0.09 -3.03	7.15 0.09 -2.48
ALTAMONT_115KV_TB 2 55880	18.98 0.49 0.00	18.14 0.49 0.00	18.06 0.44 0.00	17.93 0.45 0.00	17.96 0.46 0.00	19.15 0.46 0.00	19.72 0.44 -1.28	20.01 0.45 -1.02	17.99 0.43 -0.49	16.11 0.37 0.00	8.42 0.16 0.00	8.67 0.17 0.00	11.89 0.28 0.00	9.91 0.21 0.00	6.97 0.16 0.00	5.69 0.13 0.00	16.71 0.17 -9.64	22.27 0.02 -21.50	26.25 0.10 -22.30	48.17 0.10 -44.41	34.47 0.20 -26.49	77.26 -0.19 -85.76	27.24 0.11 -22.40	22.98 0.12 -18.29
ALTONA_WT_PWR 323606	18.60 0.11 0.00	17.67 0.02 0.00	17.59 -0.04 0.00	17.46 -0.02 0.00	17.51 0.01 0.00	18.78 0.09 0.00	18.21 0.20 0.00	18.74 0.21 0.00	17.34 0.27 0.00	15.96 0.21 0.00	8.31 0.05 0.00	8.49 -0.01 0.00	11.43 -0.19 0.00	9.47 -0.22 0.00	6.68 -0.14 0.00	5.45 -0.11 0.00	6.80 -0.11 0.00	0.74 -0.01 0.00	3.82 -0.03 0.00	3.66 -0.01 0.00	7.72 -0.06 0.00	-8.30 0.01 0.00	4.60 -0.12 0.00	4.44 -0.14 0.00
AMERICAN_REF_FUEL 24010	17.41 -1.08 0.00	16.62 -1.03 0.00	16.69 -0.94 0.00	16.45 -1.03 0.00	16.41 -1.09 0.00	17.29 -1.40 0.00	16.67 -1.49 -0.15	15.69 -1.59 1.26	15.75 -1.39 -0.06	14.62 -1.13 0.00	7.78 -0.48 0.00	7.99 -0.50 0.00	10.93 -0.69 0.00	9.17 -0.53 0.00	6.39 -0.42 0.00	5.23 -0.33 0.00	7.60 -0.46 -1.15	3.32 -0.03 -2.61	6.30 -0.27 -2.73	8.77 -0.28 -5.38	10.46 -0.56 -3.24	2.68 0.50 -10.49	7.11 -0.36 -2.74	6.52 -0.30 -2.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.58 0.09 0.00	17.68 0.03 0.00	17.72 0.10 0.00	17.49 0.00 0.00	17.43 -0.07 0.00	18.45 -0.24 0.00	17.90 -0.27 -0.17	17.62 -0.23 0.67	17.06 -0.08 -0.06	15.80 0.06 0.00	8.39 0.13 0.00	8.61 0.11 0.00	11.77 0.15 0.00	9.84 0.14 0.00	6.82 0.01 0.00	5.59 0.03 0.00	8.20 0.01 -1.28	3.67 0.01 -2.91	6.89 0.00 -3.04	9.65 -0.02 -6.01	11.37 -0.02 -3.62	3.34 -0.07 -11.71	7.74 -0.04 -3.06	7.08 0.00 -2.51
ARTHUR_KILL_GT_1 23520	19.78 1.30 0.00	18.88 1.23 0.00	18.84 1.22 0.00	18.73 1.25 0.00	18.73 1.22 0.00	19.99 1.29 0.00	20.20 1.28 -0.92	20.64 1.46 -0.66	18.76 1.33 -0.35	16.98 1.23 0.00	8.88 0.62 0.00	9.12 0.62 0.00	12.51 0.90 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.98 0.42 0.00	14.37 0.53 -6.93	16.98 0.05 -16.19	21.19 0.27 -17.07	37.67 0.27 -33.73	28.59 0.51 -20.30	56.95 -0.46 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05
ARTHUR_KILL_2 23512	19.74 1.25 0.00	18.84 1.19 0.00	18.80 1.18 0.00	18.69 1.20 0.00	18.68 1.18 0.00	19.94 1.25 0.00	20.15 1.24 -0.92	20.60 1.41 -0.66	18.72 1.30 -0.35	16.95 1.20 0.00	8.86 0.60 0.00	9.10 0.60 0.00	12.49 0.87 0.00	10.36 0.66 0.00	7.30 0.49 0.00	5.97 0.41 0.00	14.35 0.52 -6.93	16.98 0.05 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.57 0.49 -20.30	56.98 -0.43 -65.72	22.22 0.33 -17.17	18.95 0.32 -14.05
ARTHUR_KILL_3 23513	19.60 1.11 0.00	18.72 1.07 0.00	18.69 1.06 0.00	18.58 1.09 0.00	18.56 1.06 0.00	19.80 1.11 0.00	20.02 1.11 -0.92	20.47 1.28 -0.66	18.68 1.25 -0.35	16.92 1.17 0.00	8.86 0.60 0.00	9.10 0.61 0.00	12.50 0.89 0.00	10.37 0.68 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.34 0.51 -6.92	16.96 0.04 -16.18	21.14 0.23 -17.06	37.59 0.24 -33.70	28.51 0.45 -20.28	56.92 -0.43 -65.65	22.17 0.29 -17.15	18.90 0.29 -14.05
ARTHUR_KILL_COGEN 323718	19.78 1.30 0.00	18.88 1.23 0.00	18.84 1.22 0.00	18.73 1.25 0.00	18.73 1.22 0.00	19.99 1.29 0.00	20.20 1.28 -0.92	20.64 1.46 -0.66	18.76 1.33 -0.35	16.98 1.23 0.00	8.88 0.62 0.00	9.12 0.62 0.00	12.51 0.90 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.98 0.42 0.00	14.37 0.53 -6.93	16.98 0.05 -16.19	21.19 0.27 -17.07	37.67 0.27 -33.73	28.59 0.51 -20.30	56.95 -0.46 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05
ASHOKAN____ 23654	19.59 1.11 0.00	18.68 1.03 0.00	18.60 0.98 0.00	18.47 0.98 0.00	18.52 1.02 0.00	19.78 1.09 0.00	20.19 1.10 -1.08	20.37 1.07 -0.78	18.46 0.97 -0.41	16.53 0.78 0.00	8.58 0.32 0.00	8.86 0.36 0.00	12.14 0.52 0.00	10.11 0.41 0.00	7.10 0.29 0.00	5.80 0.24 0.00	15.35 0.29 -8.15	19.25 0.04 -18.47	23.31 0.19 -19.28	41.96 0.21 -38.08	31.13 0.43 -22.92	65.44 -0.45 -74.20	24.38 0.27 -19.38	20.70 0.24 -15.88

ASTORIA_EAST_ENERGY_CC1 323581	19.77 1.29 0.00	18.85 1.20 0.00	18.79 1.17 0.00	18.67 1.19 0.00	18.67 1.17 0.00	19.93 1.23 0.00	20.15 1.23 -0.92	20.51 1.33 -0.66	18.70 1.27 -0.35	16.94 1.19 0.00	8.86 0.61 0.01	9.15 0.65 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.54 0.00	6.00 0.44 0.00	14.37 0.53 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.56 0.49 -20.30	56.95 -0.46 -65.72	22.22 0.33 -17.17	18.95 0.32 -14.05
ASTORIA_EAST_ENERGY_CC2 323582	19.77 1.29 0.00	18.85 1.20 0.00	18.79 1.17 0.00	18.67 1.19 0.00	18.67 1.17 0.00	19.93 1.23 0.00	20.15 1.23 -0.92	20.51 1.33 -0.66	18.70 1.27 -0.35	16.94 1.19 0.00	8.86 0.61 0.01	9.15 0.65 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.54 0.00	6.00 0.44 0.00	14.37 0.53 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.56 0.49 -20.30	56.95 -0.46 -65.72	22.22 0.33 -17.17	18.95 0.32 -14.05
ASTORIA_GT2_1 24094	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT2_2 24095	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT2_3 24096	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT2_4 24097	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT3_1 24098	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT3_2 24099	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT3_3 24100	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT3_4 24101	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT4_1 24102	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT4_2 24103	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT4_3 24104	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT4_4 24105	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA_GT_1 23523	19.81 1.32 0.00	18.89 1.24 0.00	18.83 1.21 0.00	18.70 1.22 0.00	18.71 1.20 0.00	19.96 1.27 0.00	20.19 1.27 -0.92	20.55 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.88 0.62 0.01	9.17 0.67 0.00	12.56 0.95 0.00	10.45 0.75 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.39 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.26 -33.73	28.58 0.50 -20.30	56.93 -0.48 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05

ASTORIA_GT_10 24110	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.78 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.58 0.96 0.00	10.45 0.76 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
ASTORIA_GT_11 24225	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.78 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.58 0.96 0.00	10.45 0.76 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
ASTORIA_GT_12 24226	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.78 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.58 0.96 0.00	10.45 0.76 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
ASTORIA_GT_13 24227	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.78 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.58 0.96 0.00	10.45 0.76 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
ASTORIA_GT_5 24106	19.81 1.32 0.00	18.89 1.24 0.00	18.83 1.21 0.00	18.70 1.22 0.00	18.71 1.20 0.00	19.96 1.27 0.00	20.19 1.27 -0.92	20.55 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.88 0.62 0.01	9.17 0.67 0.00	12.56 0.95 0.00	10.45 0.75 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.39 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.26 -33.73	28.58 0.50 -20.30	56.93 -0.48 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05
ASTORIA_GT_7 24107	19.81 1.32 0.00	18.89 1.24 0.00	18.83 1.21 0.00	18.70 1.22 0.00	18.71 1.20 0.00	19.96 1.27 0.00	20.19 1.27 -0.92	20.55 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.88 0.62 0.01	9.17 0.67 0.00	12.56 0.95 0.00	10.45 0.75 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.39 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.26 -33.73	28.58 0.50 -20.30	56.93 -0.48 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05
ASTORIA_GT_8 24108	19.81 1.32 0.00	18.89 1.24 0.00	18.83 1.21 0.00	18.70 1.22 0.00	18.71 1.20 0.00	19.96 1.27 0.00	20.19 1.27 -0.92	20.55 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.88 0.62 0.01	9.17 0.67 0.00	12.56 0.95 0.00	10.45 0.75 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.39 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.26 -33.73	28.58 0.50 -20.30	56.93 -0.48 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05
ASTORIA___2 24149	19.78 1.30 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.52 1.33 -0.66	18.71 1.28 -0.35	16.95 1.20 0.00	8.87 0.61 0.01	9.15 0.66 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.17 0.25 -17.07	37.65 0.26 -33.73	28.57 0.49 -20.30	56.94 -0.47 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
ASTORIA___3 23516	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.78 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.58 0.96 0.00	10.45 0.76 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
ASTORIA___4 23517	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.94 1.25 0.00	20.15 1.24 -0.92	20.71 1.40 -0.78	18.79 1.36 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.57 0.96 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.39 0.56 -6.92	16.95 0.04 -16.16	21.18 0.26 -17.07	37.47 0.27 -33.54	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.21 0.33 -17.16	18.85 0.33 -13.95
ASTORIA___5 23518	19.75 1.27 0.00	18.86 1.21 0.00	18.81 1.19 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.78 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.58 0.96 0.00	10.45 0.76 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.59 0.51 -20.30	56.93 -0.48 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
AST_ENERGY_2_CC3 323677	19.68 1.20 0.00	18.81 1.15 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.65 1.14 0.00	19.88 1.19 0.00	20.09 1.17 -0.92	20.53 1.34 -0.66	18.72 1.29 -0.35	16.97 1.22 0.00	8.89 0.62 0.00	9.13 0.64 0.00	12.53 0.92 0.00	10.42 0.72 0.00	7.34 0.52 0.00	5.99 0.43 0.00	14.36 0.53 -6.92	16.96 0.04 -16.18	21.15 0.24 -17.06	37.60 0.24 -33.70	28.53 0.47 -20.28	56.89 -0.46 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
AST_ENERGY_2_CC4 323678	19.68 1.20 0.00	18.81 1.15 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.65 1.14 0.00	19.88 1.19 0.00	20.09 1.17 -0.92	20.53 1.34 -0.66	18.72 1.29 -0.35	16.97 1.22 0.00	8.89 0.62 0.00	9.13 0.64 0.00	12.53 0.92 0.00	10.42 0.72 0.00	7.34 0.52 0.00	5.99 0.43 0.00	14.36 0.53 -6.92	16.96 0.04 -16.18	21.15 0.24 -17.06	37.60 0.24 -33.70	28.53 0.47 -20.28	56.89 -0.46 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
ATHENS_STG_1 23668	19.17 0.68 0.00	18.32 0.67 0.00	18.26 0.63 0.00	18.12 0.64 0.00	18.14 0.64 0.00	19.34 0.64 0.00	19.75 0.63 -1.11	20.01 0.68 -0.80	18.15 0.65 -0.42	16.33 0.59 0.00	8.54 0.28 0.00	8.78 0.29 0.00	12.05 0.44 0.00	10.04 0.34 0.00	7.06 0.25 0.00	5.76 0.20 0.00	15.57 0.26 -8.40	19.80 0.02 -19.03	23.85 0.14 -19.87	43.04 0.13 -39.24	31.66 0.26 -23.61	67.89 -0.27 -76.46	24.87 0.16 -19.97	21.10 0.16 -16.37
ATHENS_STG_2 23670	19.17 0.68 0.00	18.32 0.67 0.00	18.26 0.63 0.00	18.12 0.64 0.00	18.14 0.64 0.00	19.34 0.64 0.00	19.75 0.63 -1.11	20.01 0.68 -0.80	18.15 0.65 -0.42	16.33 0.59 0.00	8.54 0.28 0.00	8.78 0.29 0.00	12.05 0.44 0.00	10.04 0.34 0.00	7.06 0.25 0.00	5.76 0.20 0.00	15.57 0.26 -8.40	19.80 0.02 -19.03	23.85 0.14 -19.87	43.04 0.13 -39.24	31.66 0.26 -23.61	67.89 -0.27 -76.46	24.87 0.16 -19.97	21.10 0.16 -16.37

ATHENS_STG_3 23677	19.17 0.68 0.00	18.32 0.67 0.00	18.26 0.63 0.00	18.12 0.64 0.00	18.14 0.64 0.00	19.34 0.64 0.00	19.75 0.63 -1.11	20.01 0.68 -0.80	18.15 0.65 -0.42	16.33 0.59 0.00	8.54 0.28 0.00	8.78 0.29 0.00	12.05 0.44 0.00	10.04 0.34 0.00	7.06 0.25 0.00	5.76 0.20 0.00	15.57 0.26 -8.40	19.80 0.02 -19.03	23.85 0.14 -19.87	43.04 0.13 -39.24	31.66 0.26 -23.61	67.89 -0.27 -76.46	24.87 0.16 -19.97	21.10 0.16 -16.37
AUBURN____LFGE 323710	18.74 0.25 0.00	17.82 0.17 0.00	17.85 0.23 0.00	17.72 0.24 0.00	17.76 0.25 0.00	18.78 0.09 0.00	18.29 0.15 -0.13	21.54 0.16 -2.85	17.19 0.06 -0.05	15.75 0.00 0.00	8.23 -0.04 0.00	8.49 0.00 0.00	11.60 -0.02 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.56 0.00 0.00	7.90 0.02 -0.98	2.97 0.00 -2.22	6.21 0.04 -2.33	8.18 0.03 -4.48	10.65 0.09 -2.77	0.56 -0.11 -8.97	7.10 0.03 -2.34	6.46 0.01 -1.88
BABYLON_RES_REC 323704	20.13 1.64 0.00	22.66 1.62 -3.39	20.92 1.60 -1.70	58.97 1.62 -39.87	60.64 1.62 -41.52	22.18 1.74 -1.75	20.67 1.75 -0.92	21.05 1.86 -0.66	19.09 1.65 -0.35	17.31 1.57 0.00	27.60 0.78 -18.56	31.10 0.82 -21.79	12.67 1.06 0.00	10.57 0.88 0.00	7.64 0.68 -0.15	27.71 0.55 -21.60	17.23 0.69 -9.63	71.49 0.06 -70.68	39.82 0.35 -35.62	41.71 0.35 -37.70	33.96 0.70 -25.47	69.47 -0.71 -78.48	22.39 0.45 -17.22	37.13 0.44 -32.12
BABYLON__69_KV_BK2 356345	20.29 1.81 0.00	22.84 1.79 -3.40	21.09 1.76 -1.70	59.27 1.77 -40.01	71.46 1.74 -52.22	22.38 1.93 -1.75	20.83 1.91 -0.92	21.34 2.02 -0.79	19.24 1.81 -0.35	17.46 1.71 0.00	27.68 0.86 -18.56	31.17 0.89 -21.79	12.77 1.15 0.00	10.65 0.95 0.00	7.70 0.74 -0.15	27.76 0.60 -21.60	17.29 0.76 -9.62	71.47 0.07 -70.66	39.85 0.39 -35.61	41.55 0.38 -37.51	34.03 0.77 -25.47	69.39 -0.78 -78.48	22.42 0.49 -17.21	37.06 0.47 -32.01
BARON_WINDS____WT_PWR 323822	18.67 0.19 0.00	17.85 0.20 0.00	17.89 0.27 0.00	17.72 0.23 0.00	17.68 0.17 0.00	18.69 0.00 0.00	18.18 -0.03 -0.21	20.52 -0.03 -2.02	17.14 -0.02 -0.08	15.77 0.02 0.00	8.34 0.08 0.00	8.56 0.07 0.00	11.72 0.10 0.00	9.83 0.13 0.00	6.84 0.03 0.00	5.60 0.04 0.00	8.50 0.00 -1.58	4.35 0.01 -3.59	7.60 0.00 -3.76	11.08 -0.01 -7.42	12.25 0.00 -4.46	6.11 -0.04 -14.46	8.51 0.01 -3.78	7.67 0.00 -3.10
BARRETT_IC_1 23704	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_10 23701	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_11 23702	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_12 23703	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_2 23705	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_3 23706	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_4 23707	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_5 23708	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_6 23709	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_7 23710	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12

BARRETT_IC_8 23711	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT_IC_9 23700	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT___1 23545	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BARRETT___2 23546	19.97 1.48 0.00	22.58 1.49 -3.44	20.81 1.46 -1.72	59.33 1.47 -40.37	60.93 1.45 -41.97	21.98 1.51 -1.77	20.41 1.49 -0.92	20.77 1.58 -0.66	18.85 1.42 -0.35	17.12 1.37 0.00	27.54 0.72 -18.56	31.02 0.73 -21.79	12.57 0.96 0.00	10.45 0.75 0.00	7.57 0.60 -0.15	27.67 0.51 -21.60	17.15 0.60 -9.63	71.47 0.04 -70.68	39.75 0.29 -35.62	41.66 0.29 -37.70	33.84 0.58 -25.47	69.61 -0.56 -78.48	22.31 0.36 -17.22	37.05 0.36 -32.12
BATAVIA___115KV_TB1 55881	18.34 -0.14 0.00	17.49 -0.16 0.00	17.54 -0.08 0.00	17.32 -0.16 0.00	17.31 -0.19 0.00	18.25 -0.44 0.00	17.61 -0.53 -0.14	16.32 -0.63 1.59	16.51 -0.62 -0.05	15.24 -0.51 0.00	8.06 -0.20 0.00	8.27 -0.22 0.00	11.30 -0.32 0.00	9.47 -0.22 0.00	6.60 -0.21 0.00	5.40 -0.16 0.00	7.72 -0.23 -1.05	3.12 0.00 -2.38	6.26 -0.08 -2.49	8.45 -0.08 -4.87	10.61 -0.13 -2.96	1.32 0.05 -9.58	7.13 -0.11 -2.51	6.54 -0.08 -2.05
BAYONEEC___CTG1 323682	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG10 323750	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG2 323683	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG3 323684	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG4 323685	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG5 323686	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG6 323687	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG7 323688	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG8 323689	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05
BAYONEEC___CTG9 323749	19.69 1.20 0.00	18.81 1.15 0.00	18.77 1.14 0.00	18.65 1.16 0.00	18.64 1.14 0.00	19.88 1.19 0.00	20.10 1.19 -0.92	20.54 1.35 -0.66	18.73 1.30 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.37 0.54 -6.92	16.96 0.04 -16.18	21.15 0.25 -17.06	37.61 0.25 -33.70	28.55 0.49 -20.28	56.88 -0.47 -65.65	22.19 0.31 -17.15	18.93 0.31 -14.05

BEACON___LESR 323632	18.94 0.45 0.00	18.12 0.47 0.00	18.01 0.39 0.00	17.87 0.39 0.00	17.91 0.41 0.00	19.12 0.43 0.00	19.68 0.40 -1.28	19.85 0.40 -0.92	17.95 0.38 -0.49	16.09 0.34 0.00	8.41 0.14 0.00	8.67 0.17 0.00	11.89 0.28 0.00	9.90 0.20 0.00	6.96 0.15 0.00	5.68 0.12 0.00	16.69 0.17 -9.60	22.15 0.02 -21.39	26.15 0.11 -22.20	47.63 0.11 -43.85	34.38 0.21 -26.39	76.95 -0.19 -85.44	27.16 0.11 -22.32	22.97 0.11 -18.29
BEAVER RIVER___HYD 24048	18.24 -0.25 0.00	17.39 -0.26 0.00	17.42 -0.21 0.00	17.28 -0.20 0.00	17.29 -0.21 0.00	18.37 -0.32 0.00	17.71 -0.33 -0.04	18.10 -0.46 -0.03	16.53 -0.57 -0.02	15.13 -0.62 0.00	7.90 -0.36 0.00	8.10 -0.40 0.00	11.04 -0.58 0.00	9.23 -0.47 0.00	6.48 -0.33 0.00	5.27 -0.29 0.00	6.87 -0.36 -0.32	1.44 -0.03 -0.72	4.45 -0.15 -0.76	5.03 -0.12 -1.49	8.44 -0.24 -0.90	-5.02 0.38 -2.91	5.26 -0.22 -0.76	4.95 -0.25 -0.62
BEEBEE_GT_13 23619	18.12 -0.37 0.00	17.29 -0.37 0.00	17.31 -0.32 0.00	17.12 -0.36 0.00	17.12 -0.38 0.00	18.07 -0.62 0.00	17.47 -0.66 -0.13	15.92 -0.73 1.88	16.46 -0.67 -0.05	15.21 -0.54 0.00	8.03 -0.23 0.00	8.27 -0.23 0.00	11.31 -0.31 0.00	9.48 -0.22 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.64 -0.21 -0.94	2.87 -0.01 -2.14	5.98 -0.10 -2.23	7.92 -0.11 -4.37	10.25 -0.19 -2.66	0.45 0.15 -8.61	6.83 -0.15 -2.25	6.29 -0.13 -1.84
BENSHRST_27_KV_BENSHRST_1 355998	19.90 1.41 0.00	18.98 1.33 0.00	18.93 1.31 0.00	18.81 1.32 0.00	18.81 1.30 0.00	20.07 1.38 0.00	20.29 1.37 -0.92	20.87 1.56 -0.78	18.93 1.50 -0.35	17.15 1.40 0.00	8.98 0.72 0.00	9.23 0.74 0.00	12.66 1.05 0.00	10.52 0.82 0.00	7.41 0.60 0.00	6.05 0.49 0.00	14.44 0.61 -6.92	16.96 0.05 -16.16	21.21 0.30 -17.07	37.51 0.30 -33.54	28.66 0.58 -20.30	56.85 -0.56 -65.72	22.26 0.37 -17.16	18.89 0.37 -13.95
BETHLEHEM___GRP 23843	18.66 0.17 0.00	17.85 0.20 0.00	17.75 0.13 0.00	17.62 0.14 0.00	17.66 0.15 0.00	18.85 0.15 0.00	19.42 0.14 -1.28	19.69 0.14 -1.02	17.72 0.16 -0.49	15.89 0.14 0.00	8.30 0.04 0.00	8.55 0.06 0.00	11.74 0.12 0.00	9.78 0.08 0.00	6.88 0.06 0.00	5.61 0.05 0.00	16.60 0.07 -9.63	22.20 0.00 -21.45	26.13 0.04 -22.24	47.98 0.04 -44.27	34.27 0.07 -26.42	77.19 -0.05 -85.55	27.10 0.03 -22.34	22.80 0.03 -18.19
BETHLEHEM___GS1 323560	18.66 0.18 0.00	17.85 0.20 0.00	17.75 0.13 0.00	17.63 0.14 0.00	17.66 0.16 0.00	18.84 0.15 0.00	19.42 0.14 -1.28	19.59 0.14 -0.92	17.71 0.15 -0.49	15.88 0.13 0.00	8.30 0.04 0.00	8.55 0.06 0.00	11.74 0.13 0.00	9.78 0.08 0.00	6.88 0.06 0.00	5.61 0.05 0.00	16.59 0.07 -9.61	22.16 0.00 -21.41	26.11 0.04 -22.23	47.61 0.04 -43.91	34.27 0.07 -26.42	77.19 -0.05 -85.55	27.11 0.03 -22.35	22.92 0.04 -18.31
BETHLEHEM___GS2 323561	18.66 0.18 0.00	17.85 0.20 0.00	17.75 0.13 0.00	17.63 0.14 0.00	17.66 0.16 0.00	18.84 0.15 0.00	19.42 0.14 -1.28	19.59 0.14 -0.92	17.71 0.15 -0.49	15.88 0.13 0.00	8.30 0.04 0.00	8.55 0.06 0.00	11.74 0.13 0.00	9.78 0.08 0.00	6.88 0.06 0.00	5.61 0.05 0.00	16.59 0.07 -9.61	22.16 0.00 -21.41	26.11 0.04 -22.23	47.61 0.04 -43.91	34.27 0.07 -26.42	77.19 -0.05 -85.55	27.11 0.03 -22.35	22.92 0.04 -18.31
BETHLEHEM___GS3 323562	18.66 0.18 0.00	17.85 0.20 0.00	17.75 0.13 0.00	17.63 0.14 0.00	17.66 0.16 0.00	18.84 0.15 0.00	19.42 0.14 -1.28	19.59 0.14 -0.92	17.71 0.15 -0.49	15.88 0.13 0.00	8.30 0.04 0.00	8.55 0.06 0.00	11.74 0.13 0.00	9.78 0.08 0.00	6.88 0.06 0.00	5.61 0.05 0.00	16.59 0.07 -9.61	22.16 0.00 -21.41	26.11 0.04 -22.23	47.61 0.04 -43.91	34.27 0.07 -26.42	77.19 -0.05 -85.55	27.11 0.03 -22.35	22.92 0.04 -18.31
BETHLEHEM___STEEL 23779	18.12 -0.36 0.00	17.30 -0.35 0.00	17.36 -0.26 0.00	17.14 -0.34 0.00	17.12 -0.38 0.00	18.01 -0.68 0.00	17.40 -0.77 -0.16	16.59 -0.85 1.09	16.43 -0.71 -0.06	15.26 -0.49 0.00	8.12 -0.15 0.00	8.34 -0.15 0.00	11.41 -0.20 0.00	9.57 -0.13 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	7.95 -0.19 -1.23	3.53 -0.01 -2.79	6.65 -0.11 -2.92	9.24 -0.13 -5.70	11.01 -0.25 -3.47	3.10 0.17 -11.25	7.50 -0.17 -2.94	6.84 -0.13 -2.39
BETHLHEM_115KV_TB1 79974	18.72 0.23 0.00	17.90 0.25 0.00	17.82 0.19 0.00	17.69 0.20 0.00	17.72 0.22 0.00	18.91 0.21 0.00	19.48 0.20 -1.28	19.76 0.21 -1.02	17.78 0.22 -0.49	15.94 0.19 0.00	8.33 0.06 0.00	8.58 0.08 0.00	11.77 0.16 0.00	9.80 0.11 0.00	6.89 0.08 0.00	5.63 0.06 0.00	16.62 0.09 -9.62	22.19 0.01 -21.44	26.13 0.05 -22.23	47.97 0.05 -44.26	34.28 0.09 -26.41	77.12 -0.08 -85.50	27.11 0.05 -22.33	22.82 0.06 -18.19
BETHPAGE_CC_5 323564	20.10 1.61 0.00	22.59 1.60 -3.34	20.86 1.56 -1.68	58.53 1.58 -39.46	60.23 1.58 -41.15	22.11 1.69 -1.73	20.61 1.69 -0.92	21.00 1.80 -0.66	19.05 1.62 -0.35	17.29 1.54 0.00	27.61 0.78 -18.56	31.10 0.81 -21.79	12.69 1.07 0.00	10.57 0.87 0.00	7.63 0.67 -0.15	27.71 0.55 -21.60	17.22 0.67 -9.63	71.49 0.06 -70.68	39.80 0.33 -35.62	41.69 0.33 -37.70	33.91 0.66 -25.47	69.52 -0.66 -78.48	22.37 0.42 -17.22	37.11 0.42 -32.12
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.26 -0.23 0.00	17.43 -0.22 0.00	17.49 -0.13 0.00	17.27 -0.21 0.00	17.25 -0.25 0.00	18.16 -0.54 0.00	17.54 -0.62 -0.17	16.84 -0.69 0.99	16.57 -0.57 -0.06	15.40 -0.35 0.00	8.18 -0.08 0.00	8.41 -0.08 0.00	11.51 -0.10 0.00	9.65 -0.05 0.00	6.71 -0.10 0.00	5.49 -0.07 0.00	8.03 -0.13 -1.25	3.59 -0.01 -2.85	6.74 -0.09 -2.98	9.38 -0.11 -5.82	11.13 -0.19 -3.54	3.27 0.11 -11.47	7.59 -0.13 -3.00	6.92 -0.10 -2.45
BINGHAMTON___COGEN 23790	18.80 0.31 0.00	17.96 0.31 0.00	17.96 0.34 0.00	17.82 0.34 0.00	17.81 0.31 0.00	18.86 0.16 0.00	18.47 0.17 -0.30	19.67 0.20 -0.94	17.36 0.17 -0.11	15.91 0.16 0.00	8.36 0.10 0.00	8.59 0.10 0.00	11.76 0.15 0.00	9.84 0.14 0.00	6.88 0.07 0.00	5.63 0.07 0.00	9.21 0.06 -2.23	5.84 0.01 -5.09	9.19 0.04 -5.31	14.65 0.04 -10.95	14.15 0.09 -6.28	11.92 -0.10 -20.33	10.11 0.06 -5.32	9.01 0.05 -4.39
BIXINCNT_115KV_LOAD 355685	18.65 0.17 0.00	17.83 0.18 0.00	17.88 0.26 0.00	17.68 0.19 0.00	17.66 0.16 0.00	18.61 -0.08 0.00	18.01 -0.16 -0.18	17.90 -0.18 0.45	17.05 -0.10 -0.07	15.81 0.06 0.00	8.39 0.13 0.00	8.61 0.12 0.00	11.81 0.19 0.00	9.87 0.17 0.00	6.86 0.05 0.00	5.60 0.04 0.00	8.23 0.00 -1.32	3.76 0.00 -3.01	6.97 -0.02 -3.14	9.93 -0.04 -6.30	11.46 -0.06 -3.73	3.74 -0.02 -12.07	7.83 -0.05 -3.16	7.14 -0.02 -2.59
BLACK RIVER___HYD 24047	18.30 -0.19 0.00	17.45 -0.20 0.00	17.50 -0.12 0.00	17.36 -0.12 0.00	17.37 -0.13 0.00	18.39 -0.30 0.00	17.75 -0.31 -0.06	18.09 -0.48 -0.04	16.44 -0.66 -0.02	15.01 -0.73 0.00	7.82 -0.44 0.00	8.04 -0.46 0.00	10.95 -0.67 0.00	9.16 -0.54 0.00	6.43 -0.38 0.00	5.22 -0.34 0.00	6.93 -0.42 -0.44	1.72 -0.03 -1.00	4.71 -0.18 -1.04	5.59 -0.13 -2.06	8.79 -0.23 -1.24	-3.91 0.39 -4.01	5.54 -0.23 -1.05	5.17 -0.26 -0.86

BLACKRVR_115KV_TB2 79977	18.30 -0.19 0.00	17.45 -0.20 0.00	17.50 -0.12 0.00	17.36 -0.12 0.00	17.36 -0.14 0.00	18.39 -0.30 0.00	17.75 -0.31 -0.06	18.22 -0.47 -0.17	16.44 -0.66 -0.02	15.01 -0.73 0.00	7.83 -0.44 0.00	8.03 -0.46 0.00	10.94 -0.67 0.00	9.16 -0.54 0.00	6.43 -0.38 0.00	5.22 -0.34 0.00	6.93 -0.42 -0.44	1.71 -0.03 -1.00	4.71 -0.18 -1.04	5.52 -0.13 -1.99	8.79 -0.23 -1.24	-3.91 0.39 -4.01	5.54 -0.24 -1.05	5.13 -0.27 -0.83
BLISS_WT_PWR 323608	18.66 0.17 0.00	17.84 0.19 0.00	17.88 0.26 0.00	17.68 0.19 0.00	17.63 0.13 0.00	18.65 -0.04 0.00	18.05 -0.13 -0.18	17.94 -0.13 0.45	17.12 -0.03 -0.07	15.85 0.10 0.00	8.40 0.14 0.00	8.62 0.12 0.00	11.82 0.20 0.00	9.89 0.19 0.00	6.87 0.06 0.00	5.61 0.05 0.00	8.24 0.02 -1.32	3.76 0.01 -3.00	6.97 -0.02 -3.14	9.83 -0.03 -6.20	11.47 -0.04 -3.73	3.74 -0.03 -12.07	7.83 -0.05 -3.15	7.13 -0.02 -2.59
BLUE_CIRC_CHEM_DRP 24182	18.93 0.44 0.00	18.10 0.44 0.00	18.01 0.39 0.00	17.88 0.40 0.00	17.91 0.41 0.00	19.12 0.43 0.00	19.66 0.41 -1.25	19.92 0.39 -1.00	17.92 0.36 -0.47	16.05 0.30 0.00	8.39 0.13 0.00	8.64 0.15 0.00	11.86 0.24 0.00	9.88 0.18 0.00	6.94 0.13 0.00	5.67 0.11 0.00	16.45 0.15 -9.39	21.75 0.02 -20.99	25.72 0.09 -21.78	47.15 0.09 -43.39	33.83 0.18 -25.87	75.28 -0.18 -83.77	26.70 0.10 -21.88	22.50 0.10 -17.83
BOC_GAS_DRP 24189	18.91 0.42 0.00	18.08 0.42 0.00	18.00 0.37 0.00	17.87 0.38 0.00	17.89 0.39 0.00	19.08 0.39 0.00	19.65 0.37 -1.27	19.93 0.39 -1.02	17.94 0.37 -0.48	16.08 0.33 0.00	8.40 0.14 0.00	8.65 0.16 0.00	11.87 0.25 0.00	9.88 0.19 0.00	6.95 0.14 0.00	5.67 0.11 0.00	16.64 0.15 -9.58	22.14 0.01 -21.37	26.10 0.09 -22.17	47.92 0.08 -44.17	34.28 0.16 -26.33	76.79 -0.16 -85.26	27.09 0.10 -22.27	22.84 0.10 -18.16
BOONVILLE_115KV_TB1 79983	18.68 0.19 0.00	17.83 0.18 0.00	17.82 0.19 0.00	17.67 0.19 0.00	17.69 0.19 0.00	18.79 0.10 0.00	18.12 0.08 -0.03	18.67 0.03 -0.12	17.04 -0.06 -0.01	15.65 -0.10 0.00	8.20 -0.06 0.00	8.41 -0.09 0.00	11.48 -0.13 -0.11	9.59 -0.11 -0.08	6.73 -0.08 0.00	5.48 -0.08 0.00	7.10 -0.09 -0.28	1.37 0.00 -0.63	4.48 -0.02 -0.66	4.95 -0.01 -1.29	8.56 -0.01 -0.78	-5.70 0.07 -2.54	5.34 -0.05 -0.66	5.03 -0.06 -0.52
BORALEX_4TH_BRANCH 23824	19.25 0.77 0.00	18.41 0.76 0.00	18.28 0.66 0.00	18.16 0.67 0.00	18.22 0.72 0.00	19.42 0.73 0.00	19.98 0.70 -1.28	20.12 0.67 -0.92	18.17 0.60 -0.49	16.21 0.47 0.00	8.42 0.16 0.00	8.69 0.20 0.00	11.95 0.33 0.00	9.95 0.25 0.00	6.99 0.18 0.00	5.71 0.15 0.00	16.72 0.22 -9.59	22.17 0.03 -21.39	26.19 0.12 -22.22	47.67 0.11 -43.90	34.44 0.24 -26.41	76.93 -0.29 -85.53	27.23 0.16 -22.34	23.04 0.16 -18.31
BOWLINE___1 23526	19.57 1.09 0.00	18.70 1.05 0.00	18.68 1.06 0.00	18.54 1.06 0.00	18.54 1.04 0.00	19.75 1.05 0.00	19.93 1.05 -0.88	20.33 1.18 -0.63	18.51 1.10 -0.33	16.77 1.03 0.00	8.77 0.51 0.00	9.02 0.53 0.00	12.38 0.76 0.00	10.30 0.60 0.00	7.25 0.44 0.00	5.92 0.36 0.00	13.99 0.45 -6.63	16.26 0.04 -15.47	20.38 0.22 -16.31	36.11 0.22 -32.22	27.61 0.44 -19.39	54.05 -0.43 -62.78	21.40 0.27 -16.40	18.29 0.27 -13.45
BOWLINE___2 23595	19.57 1.09 0.00	18.70 1.05 0.00	18.68 1.06 0.00	18.54 1.06 0.00	18.54 1.04 0.00	19.75 1.06 0.00	19.94 1.06 -0.88	20.33 1.18 -0.63	18.52 1.10 -0.33	16.77 1.03 0.00	8.77 0.51 0.00	9.02 0.53 0.00	12.38 0.77 0.00	10.30 0.60 0.00	7.25 0.44 0.00	5.92 0.36 0.00	13.99 0.45 -6.63	16.26 0.04 -15.47	20.38 0.22 -16.31	36.11 0.22 -32.23	27.61 0.44 -19.39	54.05 -0.43 -62.79	21.40 0.27 -16.40	18.29 0.27 -13.45
BRADY___115KV_TB2 356060	18.32 -0.17 0.00	17.47 -0.18 0.00	17.48 -0.15 0.00	17.34 -0.15 0.00	17.34 -0.16 0.00	18.49 -0.20 0.00	17.82 -0.19 -0.01	18.29 -0.27 -0.03	16.81 -0.27 0.00	15.51 -0.24 0.00	8.17 -0.09 0.00	8.38 -0.12 0.00	11.41 -0.21 0.00	9.53 -0.17 0.00	6.70 -0.12 0.00	5.46 -0.10 0.00	6.87 -0.13 -0.08	0.92 -0.01 -0.19	3.97 -0.07 -0.19	4.03 -0.05 -0.42	7.90 -0.10 -0.22	-7.46 0.11 -0.73	4.84 -0.07 -0.19	4.64 -0.07 -0.14
BRANSCOMB___SOLAR 323811	19.26 0.77 0.00	18.39 0.74 0.00	18.28 0.65 0.00	18.15 0.67 0.00	18.22 0.71 0.00	19.43 0.74 0.00	20.06 0.73 -1.33	20.18 0.70 -0.96	18.17 0.59 -0.50	16.22 0.47 0.00	8.44 0.17 0.00	8.72 0.22 0.00	11.98 0.36 0.00	10.00 0.30 0.00	7.03 0.21 0.00	5.74 0.18 0.00	17.14 0.25 -9.98	23.04 0.03 -22.26	27.13 0.17 -23.12	49.50 0.16 -45.68	35.61 0.34 -27.48	80.33 -0.35 -88.99	28.17 0.19 -23.25	23.80 0.18 -19.05
BRENTWOD_69_KV_W. BRTWOOD 56703	20.19 1.71 0.00	22.80 1.71 -3.44	21.03 1.68 -1.72	59.59 1.70 -40.41	71.14 1.67 -51.97	22.33 1.86 -1.78	20.77 1.85 -0.92	21.27 1.95 -0.79	19.18 1.75 -0.35	17.41 1.66 0.00	27.66 0.83 -18.56	31.14 0.86 -21.79	12.72 1.11 0.00	10.62 0.92 0.00	7.68 0.72 -0.15	27.74 0.58 -21.60	17.26 0.72 -9.62	71.47 0.06 -70.66	39.83 0.37 -35.61	41.52 0.36 -37.51	33.96 0.71 -25.47	69.47 -0.71 -78.48	22.40 0.47 -17.21	37.04 0.45 -32.01
BRISTLHL_115KV_TB1 79998	18.21 -0.28 0.00	17.38 -0.27 0.00	17.36 -0.26 0.00	17.22 -0.27 0.00	17.21 -0.29 0.00	18.14 -0.55 0.00	17.54 -0.55 -0.09	18.21 -0.57 -0.26	16.56 -0.56 -0.03	15.23 -0.52 0.00	8.00 -0.26 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.41 -0.29 0.00	6.59 -0.22 0.00	5.38 -0.18 0.00	7.36 -0.23 -0.68	2.27 -0.02 -1.54	5.35 -0.11 -1.62	6.62 -0.10 -3.05	9.50 -0.20 -1.93	-1.85 0.22 -6.24	6.21 -0.14 -1.63	5.74 -0.14 -1.31
BROOKHAVEN___DRP 24191	20.14 1.66 0.00	22.85 1.75 -3.45	21.08 1.73 -1.73	59.72 1.73 -40.51	71.17 1.71 -51.96	22.40 1.92 -1.78	20.83 1.91 -0.92	21.33 2.02 -0.79	19.21 1.79 -0.35	17.46 1.71 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.12 0.00	10.62 0.92 0.00	7.68 0.72 -0.15	27.73 0.56 -21.60	17.25 0.72 -9.62	71.47 0.07 -70.66	39.82 0.37 -35.61	41.52 0.35 -37.51	33.98 0.72 -25.47	69.44 -0.73 -78.48	22.39 0.46 -17.21	37.05 0.46 -32.01
BROOKLYN_NAVY_YARD 23515	19.67 1.18 0.00	18.80 1.14 0.00	18.75 1.13 0.00	18.63 1.15 0.00	18.63 1.12 0.00	19.87 1.18 0.00	20.09 1.18 -0.92	20.56 1.37 -0.66	18.75 1.32 -0.35	16.99 1.24 0.00	8.89 0.62 0.00	9.13 0.63 0.00	12.53 0.92 0.00	10.42 0.72 0.00	7.34 0.52 0.00	5.99 0.42 0.00	14.35 0.52 -6.92	16.96 0.04 -16.18	21.15 0.24 -17.06	37.60 0.24 -33.70	28.53 0.47 -20.28	56.89 -0.45 -65.65	22.19 0.31 -17.15	18.93 0.30 -14.05
BROOKLYN___ARMY_DRP 323595	19.80 1.32 0.00	18.90 1.25 0.00	18.86 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.78 1.47 -0.78	18.84 1.41 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.41 0.58 -6.92	16.96 0.05 -16.16	21.19 0.28 -17.07	37.48 0.28 -33.54	28.61 0.54 -20.30	56.90 -0.51 -65.72	22.23 0.35 -17.16	18.87 0.34 -13.95



BROOKVLE_69_KV_TB1 55790	20.02 1.53 0.00	22.17 1.48 -3.04	20.59 1.45 -1.52	55.44 1.46 -36.49	86.02 1.44 -67.07	21.85 1.59 -1.57	20.49 1.57 -0.92	21.00 1.69 -0.79	19.00 1.57 -0.35	17.22 1.47 0.00	27.58 0.76 -18.56	31.07 0.78 -21.79	12.68 1.06 0.00	10.56 0.86 0.00	7.61 0.65 -0.15	27.70 0.54 -21.60	17.20 0.67 -9.62	71.46 0.05 -70.66	39.77 0.32 -35.61	41.49 0.32 -37.51	33.89 0.64 -25.47	69.54 -0.63 -78.48	22.33 0.40 -17.21	36.97 0.39 -32.01
BROOME_2_LFGE 323671	18.80 0.31 0.00	17.96 0.31 0.00	17.96 0.34 0.00	17.82 0.33 0.00	17.80 0.30 0.00	18.86 0.17 0.00	18.47 0.17 -0.30	19.67 0.20 -0.94	17.37 0.17 -0.11	15.91 0.16 0.00	8.36 0.10 0.00	8.59 0.10 0.00	11.76 0.15 0.00	9.84 0.14 0.00	6.88 0.07 0.00	5.63 0.07 0.00	9.19 0.06 -2.22	5.81 0.01 -5.05	9.16 0.04 -5.28	14.13 0.04 -10.43	14.15 0.09 -6.28	11.92 -0.10 -20.33	10.10 0.06 -5.31	8.97 0.05 -4.35
BROOME___LFGE 323600	18.80 0.31 0.00	17.96 0.31 0.00	17.96 0.34 0.00	17.82 0.33 0.00	17.80 0.30 0.00	18.86 0.17 0.00	18.47 0.17 -0.30	19.67 0.20 -0.94	17.37 0.17 -0.11	15.91 0.16 0.00	8.36 0.10 0.00	8.59 0.10 0.00	11.76 0.15 0.00	9.84 0.14 0.00	6.88 0.07 0.00	5.63 0.07 0.00	9.19 0.06 -2.22	5.81 0.01 -5.05	9.16 0.04 -5.28	14.13 0.04 -10.43	14.15 0.09 -6.28	11.92 -0.10 -20.33	10.10 0.06 -5.31	8.97 0.05 -4.35
BROWNFLS_115KV_TB_3_5 80003	17.88 -0.61 0.00	17.04 -0.61 0.00	17.06 -0.56 0.00	16.93 -0.56 0.00	16.93 -0.57 0.00	18.04 -0.65 0.00	17.40 -0.63 -0.03	17.89 -0.73 -0.09	16.33 -0.76 -0.01	14.99 -0.76 0.00	7.84 -0.42 0.00	8.04 -0.45 0.00	10.94 -0.67 0.00	9.15 -0.55 0.00	6.43 -0.38 0.00	5.23 -0.33 0.00	6.73 -0.40 -0.22	1.22 -0.04 -0.51	4.19 -0.19 -0.53	4.55 -0.16 -1.05	8.07 -0.35 -0.63	-5.82 0.44 -2.04	5.00 -0.26 -0.53	4.70 -0.28 -0.42
BROWNSV1_27_KV_LOAD 356125	19.85 1.37 0.00	18.96 1.31 0.00	18.92 1.30 0.00	18.80 1.31 0.00	18.79 1.28 0.00	20.04 1.35 0.00	20.25 1.34 -0.92	20.82 1.51 -0.78	18.89 1.46 -0.35	17.12 1.37 0.00	8.96 0.70 0.00	9.22 0.72 0.00	12.65 1.03 0.00	10.51 0.82 0.00	7.40 0.59 0.00	6.05 0.49 0.00	14.43 0.61 -6.91	16.94 0.05 -16.15	21.19 0.29 -17.05	37.46 0.29 -33.51	28.62 0.57 -20.28	56.79 -0.56 -65.65	22.23 0.36 -17.14	18.87 0.36 -13.94
BURROWS___LYONSDAL 23803	18.59 0.10 0.00	17.73 0.08 0.00	17.73 0.11 0.00	17.59 0.11 0.00	17.61 0.10 0.00	18.70 0.01 0.00	18.03 -0.01 -0.03	18.56 -0.08 -0.12	16.92 -0.17 -0.01	15.53 -0.22 0.00	8.13 -0.13 0.00	8.33 -0.16 0.00	11.38 -0.23 0.00	9.50 -0.20 0.00	6.67 -0.14 0.00	5.43 -0.13 0.00	7.04 -0.15 -0.28	1.39 -0.01 -0.65	4.47 -0.05 -0.68	4.96 -0.04 -1.33	8.52 -0.07 -0.81	-5.55 0.15 -2.61	5.31 -0.09 -0.68	4.99 -0.11 -0.53
CAITHNESS_CC_1 323624	20.14 1.66 0.00	22.83 1.73 -3.45	21.06 1.71 -1.73	59.71 1.72 -40.51	61.33 1.72 -42.10	22.36 1.88 -1.78	20.82 1.90 -0.92	21.19 2.00 -0.66	19.20 1.77 -0.35	17.44 1.69 -18.56	27.66 0.84 -21.79	31.16 0.87 -21.79	12.74 1.13 0.00	10.62 0.92 0.00	7.67 0.72 -0.15	27.73 0.56 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.98 0.73 -25.47	69.44 -0.73 -78.48	22.41 0.47 -17.22	37.16 0.47 -32.12
CALPINE BETH_PAGE_GT4 24209	20.09 1.61 0.00	22.53 1.59 -3.30	20.83 1.56 -1.65	58.05 1.57 -39.00	71.91 1.54 -52.87	22.09 1.70 -1.70	20.60 1.68 -0.92	21.11 1.79 -0.79	19.05 1.62 -0.35	17.29 1.54 0.00	27.61 0.78 -18.56	31.09 0.80 -21.79	12.68 1.07 0.00	10.56 0.87 0.00	7.63 0.66 -0.15	27.70 0.54 -21.60	17.20 0.66 -9.62	71.46 0.05 -70.66	39.77 0.32 -35.61	41.49 0.31 -37.51	33.88 0.63 -25.47	69.54 -0.63 -78.48	22.33 0.40 -17.21	36.99 0.40 -32.01
CALPINE_BETH_PAGE_GT_4 323586	20.10 1.61 0.00	22.53 1.59 -3.30	20.83 1.56 -1.65	58.05 1.57 -39.00	59.79 1.57 -40.72	22.07 1.68 -1.70	20.60 1.68 -0.92	20.98 1.79 -0.66	19.04 1.61 -0.35	17.29 1.54 0.00	27.60 0.78 -18.56	31.10 0.81 -21.79	12.68 1.07 0.00	10.56 0.87 0.00	7.63 0.66 -0.15	27.70 0.54 -21.60	17.20 0.66 -9.63	71.48 0.05 -70.68	39.78 0.32 -35.62	41.68 0.31 -37.70	33.88 0.63 -25.47	69.54 -0.63 -78.48	22.35 0.40 -17.22	37.10 0.41 -32.12
CALPINE_BP_GT1 23823	20.10 1.61 0.00	22.53 1.59 -3.30	20.83 1.56 -1.65	58.05 1.57 -39.00	59.79 1.57 -40.72	22.07 1.68 -1.70	20.60 1.68 -0.92	20.98 1.79 -0.66	19.04 1.61 -0.35	17.29 1.54 0.00	27.60 0.78 -18.56	31.10 0.81 -21.79	12.68 1.07 0.00	10.56 0.87 0.00	7.63 0.66 -0.15	27.70 0.54 -21.60	17.20 0.66 -9.63	71.48 0.05 -70.68	39.78 0.32 -35.62	41.68 0.31 -37.70	33.88 0.63 -25.47	69.54 -0.63 -78.48	22.35 0.40 -17.22	37.10 0.41 -32.12
CALSPAN___DRP 24200	18.12 -0.36 0.00	17.30 -0.35 0.00	17.36 -0.26 0.00	17.14 -0.34 0.00	17.12 -0.38 0.00	18.01 -0.68 0.00	17.40 -0.77 -0.16	16.59 -0.85 1.09	16.43 -0.71 -0.06	15.26 -0.49 0.00	8.12 -0.15 0.00	8.34 -0.15 0.00	11.41 -0.20 0.00	9.57 -0.13 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	7.95 -0.19 -1.23	3.53 -0.01 -2.79	6.65 -0.11 -2.92	9.24 -0.13 -5.70	11.01 -0.25 -3.47	3.10 0.17 -11.25	7.50 -0.17 -2.94	6.84 -0.13 -2.39
CALVERTON___SOLAR 323806	20.16 1.68 0.00	22.88 1.78 -3.45	21.11 1.76 -1.73	59.76 1.77 -40.51	61.38 1.78 -42.10	22.42 1.95 -1.78	20.87 1.95 -0.92	21.25 2.05 -0.66	19.23 1.80 -0.35	17.48 1.73 0.00	27.68 0.86 -18.56	31.17 0.89 -21.79	12.76 1.14 0.00	10.63 0.93 0.00	7.68 0.72 -0.15	27.73 0.56 -21.60	17.27 0.72 -9.63	71.50 0.07 -70.68	39.84 0.37 -35.62	41.73 0.36 -37.70	33.99 0.73 -25.47	69.43 -0.74 -78.48	22.42 0.47 -17.22	37.17 0.48 -32.12
CANDIGU_WT_PWR 323617	18.67 0.19 0.00	17.85 0.20 0.00	17.89 0.27 0.00	17.72 0.23 0.00	17.68 0.17 0.00	18.69 0.00 0.00	18.18 -0.03 -0.21	20.52 -0.03 -2.02	17.14 -0.02 -0.08	15.77 0.02 0.00	8.34 0.08 0.00	8.56 0.07 0.00	11.72 0.10 0.00	9.83 0.13 0.00	6.84 0.03 0.00	5.60 0.04 0.00	8.50 0.00 -1.58	4.35 0.01 -3.59	7.60 0.00 -3.76	11.08 -0.01 -7.42	12.25 0.00 -4.46	6.11 -0.04 -14.46	8.51 0.01 -3.78	7.67 0.00 -3.10
CARR STREET_E_SYR 24060	18.35 -0.13 0.00	17.52 -0.12 0.00	17.51 -0.11 0.00	17.36 -0.12 0.00	17.36 -0.14 0.00	18.32 -0.37 0.00	17.73 -0.37 -0.10	18.22 -0.38 -0.07	16.74 -0.37 -0.04	15.41 -0.34 0.00	8.09 -0.17 0.00	8.32 -0.17 0.00	11.40 -0.22 0.00	9.52 -0.17 0.00	6.67 -0.14 0.00	5.45 -0.11 0.00	7.51 -0.14 -0.74	2.42 -0.01 -1.68	5.54 -0.07 -1.76	7.07 -0.06 -3.47	9.75 -0.12 -2.09	-1.42 0.12 -6.76	6.41 -0.09 -1.77	5.94 -0.08 -1.45
CARTHAGE___PAPER 23857	18.35 -0.13 0.00	17.51 -0.15 0.00	17.54 -0.09 0.00	17.40 -0.09 0.00	17.41 -0.10 0.00	18.47 -0.22 0.00	17.82 -0.24 -0.05	18.17 -0.39 -0.04	16.54 -0.56 -0.02	15.11 -0.64 0.00	7.88 -0.38 0.00	8.08 -0.41 0.00	11.02 -0.59 0.00	9.22 -0.48 0.00	6.47 -0.35 0.00	5.25 -0.31 0.00	6.92 -0.38 -0.39	1.61 -0.02 -0.89	4.63 -0.15 -0.93	5.39 -0.11 -1.84	8.69 -0.20 -1.11	-4.38 0.34 -3.59	5.45 -0.21 -0.94	5.11 -0.23 -0.77

CASSADAGA_WT_PWR 323784	18.77 0.29 0.00	17.87 0.22 0.00	17.91 0.28 0.00	17.67 0.18 0.00	17.62 0.12 0.00	18.76 0.07 0.00	18.19 0.01 -0.17	18.04 0.09 0.58	17.36 0.21 -0.07	16.08 0.33 0.00	8.54 0.28 0.00	8.75 0.25 0.00	11.98 0.36 0.00	9.99 0.30 0.00	6.93 0.12 0.00	5.67 0.11 0.00	8.32 0.12 -1.29	3.71 0.02 -2.94	6.97 0.05 -3.07	9.76 0.03 -6.07	11.51 0.08 -3.65	3.34 -0.18 -11.82	7.84 0.03 -3.09	7.17 0.06 -2.53
CE_DUNWOOD___DRP 24194	19.62 1.13 0.00	18.76 1.11 0.00	18.73 1.11 0.00	18.60 1.11 0.00	18.59 1.09 0.00	19.80 1.11 0.00	20.01 1.10 -0.91	20.53 1.22 -0.78	18.59 1.16 -0.35	16.83 1.08 0.00	8.80 0.54 0.00	9.06 0.56 0.00	12.43 0.81 0.00	10.34 0.64 0.00	7.28 0.47 0.00	5.95 0.39 0.00	14.26 0.48 -6.87	16.84 0.04 -16.06	21.03 0.23 -16.95	37.26 0.23 -33.37	28.39 0.46 -20.15	56.50 -0.44 -65.25	22.04 0.28 -17.04	18.73 0.28 -13.88
CE_MILLWOOD___DRP 24193	19.60 1.11 0.00	18.73 1.08 0.00	18.71 1.08 0.00	18.58 1.09 0.00	18.57 1.07 0.00	19.78 1.09 0.00	19.99 1.08 -0.91	20.50 1.20 -0.78	18.57 1.14 -0.35	16.81 1.06 0.00	8.79 0.53 0.00	9.04 0.55 0.00	12.41 0.79 0.00	10.32 0.62 0.00	7.27 0.45 0.00	5.94 0.37 0.00	14.22 0.47 -6.84	16.76 0.04 -15.98	20.94 0.23 -16.87	37.05 0.23 -33.16	28.29 0.44 -20.06	56.21 -0.43 -64.95	21.96 0.28 -16.96	18.66 0.27 -13.81
CE_NYC2_DRP 24202	19.76 1.27 0.00	18.86 1.21 0.00	18.82 1.19 0.00	18.69 1.21 0.00	18.69 1.19 0.00	19.95 1.26 0.00	20.16 1.24 -0.92	20.72 1.41 -0.78	18.80 1.37 -0.35	17.03 1.28 0.00	8.92 0.66 0.00	9.17 0.67 0.00	12.58 0.97 0.00	10.46 0.76 0.00	7.37 0.56 0.00	6.02 0.45 0.00	14.39 0.56 -6.92	16.96 0.04 -16.16	21.18 0.27 -17.07	37.47 0.27 -33.54	28.59 0.51 -20.30	56.92 -0.49 -65.72	22.22 0.33 -17.16	18.85 0.33 -13.95
CE_NYC_DRP 24195	19.71 1.22 0.00	18.83 1.18 0.00	18.79 1.17 0.00	18.68 1.20 0.00	18.67 1.17 0.00	19.92 1.22 0.00	20.14 1.22 -0.92	20.69 1.38 -0.78	18.77 1.34 -0.35	17.00 1.26 0.00	8.90 0.64 0.00	9.15 0.66 0.00	12.56 0.94 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.01 0.45 0.00	14.37 0.55 -6.91	16.93 0.04 -16.15	21.15 0.26 -17.05	37.43 0.26 -33.51	28.55 0.50 -20.27	56.85 -0.48 -65.64	22.18 0.32 -17.14	18.83 0.32 -13.94
CHAFFEE___LFGE 323603	18.21 -0.27 0.00	17.40 -0.25 0.00	17.45 -0.17 0.00	17.24 -0.25 0.00	17.19 -0.31 0.00	18.15 -0.55 0.00	17.53 -0.64 -0.17	17.04 -0.70 0.79	16.60 -0.54 -0.06	15.38 -0.37 0.00	8.17 -0.10 0.00	8.39 -0.11 0.00	11.48 -0.13 0.00	9.63 -0.07 0.00	6.70 -0.11 0.00	5.47 -0.09 0.00	8.04 -0.15 -1.28	3.64 -0.01 -2.90	6.78 -0.09 -3.03	9.54 -0.11 -5.99	11.18 -0.21 -3.60	3.49 0.13 -11.67	7.63 -0.14 -3.05	6.96 -0.11 -2.50
CHATEAUG_35_KV_LOAD 355732	18.53 0.04 0.00	17.61 -0.04 0.00	17.54 -0.08 0.00	17.41 -0.08 0.00	17.42 -0.08 0.00	18.71 0.02 0.00	18.11 0.10 -0.01	18.66 0.11 -0.02	17.25 0.17 0.00	15.89 0.14 0.00	8.28 0.02 0.00	8.45 -0.05 0.00	11.37 -0.25 0.00	9.44 -0.25 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.82 -0.14 -0.06	0.87 -0.01 -0.13	3.93 -0.05 -0.14	3.94 -0.02 -0.30	7.84 -0.10 -0.16	-7.73 0.06 -0.52	4.73 -0.13 -0.13	4.51 -0.15 -0.10
CHATEAUG_WT_PWR 323614	18.53 0.04 0.00	17.61 -0.05 0.00	17.53 -0.09 0.00	17.41 -0.08 0.00	17.44 -0.06 0.00	18.70 0.00 0.00	18.11 0.11 0.00	18.65 0.12 0.00	17.26 0.18 0.00	15.90 0.15 0.00	8.28 0.02 0.00	8.46 -0.04 0.00	11.38 -0.23 0.00	9.44 -0.26 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.77 -0.14 0.00	0.73 -0.01 0.00	3.80 -0.05 0.00	3.64 -0.02 0.00	7.68 -0.10 0.00	-8.25 0.06 0.00	4.59 -0.14 0.00	4.42 -0.15 0.00
CHAT_HIGH_FALL_HYD 323578	18.53 0.05 0.00	17.61 -0.04 0.00	17.54 -0.08 0.00	17.41 -0.07 0.00	17.44 -0.06 0.00	18.69 0.00 0.00	18.10 0.10 0.00	18.63 0.11 0.00	17.24 0.16 0.00	15.89 0.14 0.00	8.28 0.02 0.00	8.45 -0.04 0.00	11.37 -0.24 0.00	9.44 -0.25 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.77 -0.14 0.00	0.73 -0.01 0.00	3.80 -0.05 0.00	3.64 -0.02 0.00	7.68 -0.10 0.00	-8.25 0.06 0.00	4.59 -0.13 0.00	4.43 -0.15 0.00
CHAUTAUQUA___LFGE 323629	18.56 0.07 0.00	17.68 0.03 0.00	17.72 0.10 0.00	17.49 0.01 0.00	17.44 -0.06 0.00	18.37 -0.32 0.00	17.80 -0.36 -0.17	17.27 -0.36 0.89	16.93 -0.22 -0.06	15.68 -0.07 0.00	8.33 0.06 0.00	8.54 0.05 0.00	11.69 0.07 0.00	9.78 0.08 0.00	6.79 -0.02 0.00	5.56 0.00 0.00	8.13 -0.03 -1.25	3.60 0.01 -2.84	6.80 -0.02 -2.97	9.49 -0.04 -5.87	11.25 -0.07 -3.54	3.12 -0.02 -11.45	7.65 -0.07 -2.99	6.99 -0.03 -2.45
CHERRYST_13_KV_LD 356241	19.76 1.28 0.00	18.88 1.23 0.00	18.85 1.22 0.00	18.73 1.24 0.00	18.72 1.21 0.00	19.97 1.28 0.00	20.18 1.26 -0.92	20.74 1.43 -0.78	18.81 1.38 -0.35	17.05 1.30 0.00	8.93 0.66 0.00	9.18 0.68 0.00	12.59 0.98 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.46 0.00	14.40 0.57 -6.91	16.93 0.04 -16.15	21.16 0.27 -17.05	37.44 0.27 -33.51	28.57 0.52 -20.27	56.83 -0.51 -65.64	22.20 0.33 -17.14	18.84 0.33 -13.94
CHESTROR_138KV_BK263 355645	19.50 1.02 0.00	18.63 0.98 0.00	18.60 0.98 0.00	18.46 0.97 0.00	18.46 0.96 0.00	19.70 1.00 0.00	19.83 1.00 -0.83	20.35 1.09 -0.72	18.42 1.03 -0.31	16.68 0.93 0.00	8.72 0.45 0.00	8.97 0.47 0.00	12.30 0.68 0.00	10.24 0.54 0.00	7.21 0.39 0.00	5.89 0.33 0.00	13.57 0.41 -6.24	15.34 0.03 -14.56	19.41 0.20 -15.35	34.22 0.20 -30.35	26.44 0.41 -18.25	50.38 -0.41 -59.10	20.40 0.25 -15.43	17.36 0.25 -12.54
CH_MIDHUDSON___DRP 24192	19.68 1.19 0.00	18.80 1.15 0.00	18.76 1.13 0.00	18.62 1.13 0.00	18.62 1.12 0.00	19.85 1.16 0.00	20.08 1.14 -0.94	20.58 1.25 -0.80	18.63 1.20 -0.36	16.84 1.09 0.00	8.80 0.54 0.00	9.04 0.55 0.00	12.41 0.80 0.00	10.32 0.63 0.00	7.27 0.46 0.00	5.94 0.38 0.00	14.47 0.48 -7.08	17.32 0.03 -16.54	21.50 0.24 -17.42	39.21 0.24 -35.31	28.92 0.48 -20.66	58.12 -0.46 -66.89	22.50 0.28 -17.49	19.43 0.28 -14.58
CH_MISC_IPPS 23765	19.80 1.32 0.00	18.91 1.26 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.74 1.24 0.00	19.97 1.28 0.00	20.19 1.28 -0.91	20.58 1.39 -0.66	18.72 1.30 -0.35	16.93 1.19 0.00	8.85 0.59 0.00	9.09 0.60 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.53 -6.90	16.88 0.04 -16.09	21.08 0.27 -16.96	37.43 0.27 -33.50	28.49 0.55 -20.16	56.43 -0.54 -65.27	22.11 0.33 -17.05	18.86 0.32 -13.97
CH_RES_BVR_FALLS 23983	18.33 -0.16 0.00	17.48 -0.17 0.00	17.48 -0.14 0.00	17.34 -0.15 0.00	17.34 -0.16 0.00	18.49 -0.20 0.00	17.80 -0.20 0.00	18.30 -0.23 0.00	16.89 -0.19 0.00	15.57 -0.18 0.00	8.17 -0.09 0.00	8.39 -0.10 0.00	11.44 -0.17 0.00	9.56 -0.14 0.00	6.72 -0.09 0.00	5.48 -0.07 0.00	6.81 -0.10 0.00	0.74 -0.01 0.00	3.80 -0.04 0.00	3.61 -0.05 0.00	7.65 -0.13 0.00	-8.12 0.19 0.00	4.62 -0.11 0.00	4.45 -0.12 0.00

CH_RES_NIAGARA 23895	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.43 -1.07 0.00	17.32 -1.37 0.00	16.68 -1.47 -0.15	15.68 -1.62 1.23	15.78 -1.36 -0.06	14.66 -1.09 0.00	7.79 -0.46 0.00	8.02 -0.48 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.74 -0.28 -5.36	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.09 -0.36 -2.73	6.49 -0.32 -2.24
CH_RES_SYRACUSE 23985	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.25 0.00	17.87 -0.24 -0.11	19.23 -0.25 -0.95	16.86 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.13 0.00	11.45 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.82	2.60 -0.01 -1.86	5.75 -0.04 -1.94	7.46 -0.04 -3.84	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.06 -1.95	6.12 -0.06 -1.60
CLINTON_WT_PWR 323605	18.53 0.04 0.00	17.61 -0.05 0.00	17.53 -0.09 0.00	17.41 -0.08 0.00	17.44 -0.06 0.00	18.70 0.00 0.00	18.11 0.11 0.00	18.65 0.12 0.00	17.26 0.18 0.00	15.90 0.15 0.00	8.28 0.02 0.00	8.46 -0.04 0.00	11.38 -0.23 0.00	9.44 -0.26 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.77 -0.14 0.00	0.73 -0.01 0.00	3.80 -0.05 0.00	3.64 -0.02 0.00	7.68 -0.10 0.00	-8.25 0.06 0.00	4.59 -0.14 0.00	4.42 -0.15 0.00
CLINTON___LFGE 323618	18.69 0.21 0.00	17.76 0.11 0.00	17.67 0.05 0.00	17.55 0.06 0.00	17.59 0.09 0.00	18.87 0.18 0.00	18.28 0.28 0.00	18.83 0.30 0.00	17.41 0.33 0.00	16.01 0.27 0.00	8.34 0.08 0.00	8.51 0.02 0.00	11.46 -0.15 0.00	9.50 -0.20 0.00	6.69 -0.12 0.00	5.47 -0.09 0.00	6.82 -0.09 0.00	0.74 -0.01 0.00	3.83 -0.02 0.00	3.67 0.01 0.00	7.76 -0.02 0.00	-8.34 -0.03 0.00	4.63 -0.09 0.00	4.46 -0.11 0.00
COBBLENY_34_KV_TB1 80064	18.21 -0.27 0.00	17.39 -0.26 0.00	17.45 -0.17 0.00	17.24 -0.25 0.00	17.22 -0.28 0.00	18.13 -0.57 0.00	17.52 -0.65 -0.17	17.02 -0.71 0.79	16.56 -0.59 -0.06	15.37 -0.38 0.00	8.16 -0.10 0.00	8.39 -0.10 0.00	11.48 -0.13 0.00	9.63 -0.07 0.00	6.70 -0.11 0.00	5.47 -0.09 0.00	8.04 -0.15 -1.28	3.64 -0.01 -2.90	6.78 -0.09 -3.03	9.54 -0.11 -6.00	11.18 -0.21 -3.60	3.49 0.13 -11.67	7.64 -0.14 -3.05	6.95 -0.11 -2.50
COFFEEN___115KV_TB3 355620	18.38 -0.10 0.00	17.53 -0.13 0.00	17.57 -0.05 0.00	17.43 -0.05 0.00	17.43 -0.07 0.00	18.47 -0.22 0.00	17.82 -0.24 -0.06	18.27 -0.43 -0.17	16.44 -0.66 -0.02	15.00 -0.75 0.00	7.82 -0.44 0.00	8.03 -0.47 0.00	10.94 -0.67 0.00	9.15 -0.54 0.00	6.43 -0.38 0.00	5.22 -0.34 0.00	6.94 -0.42 -0.45	1.73 -0.03 -1.01	4.73 -0.18 -1.06	5.56 -0.12 -2.02	8.86 -0.18 -1.26	-3.86 0.35 -4.09	5.58 -0.21 -1.07	5.17 -0.25 -0.85
COLDSPRG_115KV_BK1 355956	19.09 0.61 0.00	18.22 0.57 0.00	18.27 0.64 0.00	18.05 0.57 0.00	18.05 0.55 0.00	19.23 0.54 0.00	18.60 0.42 -0.18	18.84 0.49 0.17	17.68 0.53 -0.07	16.40 0.65 0.00	8.70 0.43 0.00	8.92 0.43 0.00	12.23 0.61 0.00	10.19 0.50 0.00	7.08 0.27 0.00	5.77 0.21 0.00	8.49 0.23 -1.35	3.85 0.03 -3.07	7.16 0.10 -3.21	10.23 0.08 -6.49	11.78 0.20 -3.80	3.69 -0.32 -12.31	8.07 0.12 -3.22	7.36 0.14 -2.65
COLONIE_LFGE___ 323577	19.09 0.61 0.00	18.25 0.60 0.00	18.14 0.52 0.00	18.02 0.53 0.00	18.06 0.56 0.00	19.27 0.58 0.00	19.86 0.55 -1.30	20.02 0.55 -0.94	18.08 0.50 -0.50	16.16 0.41 0.00	8.42 0.15 0.00	8.68 0.19 0.00	11.92 0.31 0.00	9.94 0.24 0.00	6.99 0.17 0.00	5.70 0.14 0.00	16.91 0.20 -9.80	22.62 0.02 -21.85	26.65 0.12 -22.69	48.59 0.12 -44.82	34.98 0.23 -26.96	78.76 0.12 -87.32	27.67 0.14 -22.81	23.40 0.13 -18.69
COOPERNY_115KV_TB1 80082	19.29 0.81 0.00	18.43 0.77 0.00	18.40 0.78 0.00	18.27 0.78 0.00	18.27 0.77 0.00	19.47 0.78 0.00	19.41 0.78 -0.63	19.97 0.85 -0.59	18.12 0.80 -0.24	16.48 0.73 0.00	8.62 0.36 0.00	8.86 0.37 0.00	12.15 0.53 0.00	10.12 0.42 0.00	7.11 0.30 0.00	5.81 0.25 0.00	11.96 0.32 -4.74	11.74 0.03 -10.97	15.55 0.16 -11.54	26.48 0.16 -22.66	21.83 0.32 -13.73	35.82 -0.32 -44.45	16.52 0.20 -11.60	14.14 0.19 -9.37
COPENHAGEN_WT_PWR 323753	18.26 -0.23 0.00	17.42 -0.23 0.00	17.48 -0.14 0.00	17.35 -0.14 0.00	17.34 -0.16 0.00	18.34 -0.35 0.00	17.70 -0.36 -0.06	18.06 -0.51 -0.04	16.44 -0.66 -0.02	15.03 -0.72 0.00	7.83 -0.43 0.00	8.04 -0.46 0.00	10.95 -0.67 0.00	9.16 -0.54 0.00	6.43 -0.38 0.00	5.22 -0.34 0.00	6.95 -0.42 -0.46	1.77 -0.03 -1.05	4.76 -0.19 -1.10	5.69 -0.14 -2.17	8.82 -0.27 -1.30	-3.64 0.44 -4.22	5.56 -0.27 -1.10	5.18 -0.29 -0.91
CORNELL___ 23752	18.94 0.46 0.00	18.08 0.42 0.00	18.08 0.46 0.00	17.93 0.45 0.00	17.94 0.44 0.00	18.96 0.27 0.00	18.49 0.27 -0.21	20.56 0.28 -1.75	17.34 0.18 -0.08	15.85 0.10 0.00	8.31 0.04 0.00	8.53 0.04 0.00	11.68 0.07 0.00	9.77 0.07 0.00	6.84 0.03 0.00	5.58 0.02 0.00	8.52 0.03 -1.59	4.36 0.01 -3.60	7.67 0.05 -3.77	11.07 0.06 -7.35	12.42 0.15 -4.49	6.06 -0.16 -14.53	8.61 0.08 -3.80	7.84 0.07 -3.20
CORONA_AAV_69_KV_TB1 355595	20.07 1.58 0.00	22.18 1.56 -2.97	20.64 1.53 -1.49	54.84 1.54 -35.82	66.48 1.51 -47.47	21.85 1.63 -1.53	20.52 1.60 -0.92	21.02 1.71 -0.79	18.98 1.55 -0.35	17.23 1.48 0.00	27.60 0.77 -18.56	31.06 0.78 -21.79	12.67 1.06 0.00	10.54 0.84 0.00	7.61 0.65 -0.15	27.70 0.54 -21.60	17.20 0.67 -9.62	71.46 0.05 -70.66	39.79 0.33 -35.61	41.50 0.33 -37.51	33.91 0.66 -25.47	69.52 -0.65 -78.48	22.34 0.41 -17.21	36.98 0.39 -32.01
CORTLAND_115KV_TB3 80093	18.78 0.30 0.00	17.93 0.28 0.00	17.93 0.31 0.00	17.78 0.30 0.00	17.79 0.28 0.00	18.81 0.12 0.00	18.30 0.12 -0.17	19.50 0.13 -0.85	17.20 0.06 -0.07	15.77 0.02 0.00	8.27 0.01 0.00	8.50 0.00 0.00	11.64 0.02 0.00	9.73 0.03 0.00	6.81 0.00 0.00	5.57 0.00 0.00	8.22 0.00 -1.31	3.73 0.00 -2.98	6.98 0.02 -3.12	9.77 0.02 -6.08	11.56 0.07 -3.71	3.63 -0.08 -12.01	7.90 0.04 -3.14	7.26 0.03 -2.66
COXSACKIE___GT 23611	19.44 0.96 0.00	18.55 0.90 0.00	18.44 0.82 0.00	18.31 0.82 0.00	18.37 0.87 0.00	19.64 0.94 0.00	20.12 0.94 -1.17	20.25 0.88 -0.84	18.20 0.67 -0.45	16.20 0.45 0.00	8.40 0.14 0.00	8.69 0.20 0.00	11.92 0.30 0.00	9.94 0.24 0.00	6.99 0.18 0.00	5.73 0.17 0.00	15.96 0.22 -8.83	20.62 0.03 -19.84	24.67 0.17 -20.65	44.64 0.19 -40.79	32.76 0.43 -24.54	70.71 -0.46 -79.48	25.74 0.25 -20.76	21.81 0.22 -17.01
CPV_VALLEY___CC1 323721	19.43 0.94 0.00	18.56 0.90 0.00	18.53 0.90 0.00	18.39 0.90 0.00	18.39 0.89 0.00	19.60 0.91 0.00	19.67 0.91 -0.76	20.08 1.00 -0.55	18.30 0.93 -0.29	16.61 0.86 0.00	8.69 0.43 0.00	8.94 0.44 0.00	12.25 0.64 0.00	10.20 0.50 0.00	7.18 0.37 0.00	5.87 0.31 0.00	13.00 0.38 -5.71	14.07 0.03 -13.30	18.04 0.19 -14.01	31.52 0.19 -27.67	24.81 0.37 -16.65	45.23 -0.37 -53.91	19.04 0.23 -14.08	16.34 0.22 -11.54

CPV_VALLEY___CC2 323722	19.43 0.94 0.00	18.56 0.90 0.00	18.53 0.90 0.00	18.39 0.90 0.00	18.39 0.89 0.00	19.60 0.91 0.00	19.67 0.91 -0.76	20.08 1.00 -0.55	18.30 0.93 -0.29	16.61 0.86 0.00	8.69 0.43 0.00	8.94 0.44 0.00	12.25 0.64 0.00	10.20 0.50 0.00	7.18 0.37 0.00	5.87 0.31 0.00	13.00 0.38 -5.71	14.07 0.03 -13.30	18.04 0.19 -14.01	31.52 0.19 -27.67	24.81 0.37 -16.65	45.23 -0.37 -53.91	19.04 0.23 -14.08	16.34 0.22 -11.54
CRESCENT___HYD 24018	19.09 0.61 0.00	18.25 0.60 0.00	18.14 0.52 0.00	18.02 0.53 0.00	18.06 0.56 0.00	19.27 0.58 0.00	19.86 0.55 -1.30	20.02 0.55 -0.94	18.08 0.50 -0.50	16.16 0.41 0.00	8.42 0.15 0.00	8.68 0.19 0.00	11.92 0.31 0.00	9.94 0.24 0.00	6.99 0.17 0.00	5.70 0.14 0.00	16.91 0.20 -9.80	22.62 0.02 -21.85	26.65 0.12 -22.69	48.59 0.12 -44.82	34.98 0.23 -26.96	78.76 -0.24 -87.32	27.67 0.14 -22.81	23.40 0.13 -18.69
CRICKET___VALLEY_CC1 323756	19.41 0.93 0.00	18.57 0.92 0.00	18.51 0.89 0.00	18.37 0.88 0.00	18.39 0.88 0.00	19.57 0.88 0.00	19.87 0.88 -0.99	20.21 0.97 -0.71	18.41 0.95 -0.37	16.61 0.87 0.00	8.67 0.41 0.00	8.91 0.41 0.00	12.23 0.61 0.00	10.18 0.49 0.00	7.16 0.35 0.00	5.85 0.29 0.00	14.73 0.36 -7.46	18.15 0.02 -17.38	22.33 0.17 -18.31	40.02 0.17 -36.18	29.89 0.34 -21.77	61.86 -0.32 -70.49	23.35 0.21 -18.41	19.87 0.20 -15.09
CRICKET___VALLEY_CC2 323757	19.41 0.93 0.00	18.57 0.92 0.00	18.51 0.89 0.00	18.37 0.88 0.00	18.39 0.88 0.00	19.57 0.88 0.00	19.87 0.88 -0.99	20.21 0.97 -0.71	18.41 0.95 -0.37	16.61 0.87 0.00	8.67 0.41 0.00	8.91 0.41 0.00	12.23 0.61 0.00	10.18 0.49 0.00	7.16 0.35 0.00	5.85 0.29 0.00	14.73 0.36 -7.46	18.15 0.02 -17.38	22.33 0.17 -18.31	40.02 0.17 -36.18	29.89 0.34 -21.77	61.86 -0.32 -70.49	23.35 0.21 -18.41	19.87 0.20 -15.09
CRICKET___VALLEY_CC3 323758	19.41 0.93 0.00	18.57 0.92 0.00	18.51 0.89 0.00	18.37 0.88 0.00	18.39 0.88 0.00	19.57 0.88 0.00	19.87 0.88 -0.99	20.21 0.97 -0.71	18.41 0.95 -0.37	16.61 0.87 0.00	8.67 0.41 0.00	8.91 0.41 0.00	12.23 0.61 0.00	10.18 0.49 0.00	7.16 0.35 0.00	5.85 0.29 0.00	14.73 0.36 -7.46	18.15 0.02 -17.38	22.33 0.17 -18.31	40.02 0.17 -36.18	29.89 0.34 -21.77	61.86 -0.32 -70.49	23.35 0.21 -18.41	19.87 0.20 -15.09
CRUCIBLE_METL_DRP 24180	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.26 0.00	17.87 -0.24 -0.11	19.22 -0.26 -0.95	16.85 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.12 0.00	11.46 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.81	2.59 -0.01 -1.85	5.74 -0.04 -1.94	7.35 -0.04 -3.73	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.05 -1.95	6.10 -0.06 -1.59
DAHOWA___HYDRO 323763	19.27 0.78 0.00	18.40 0.74 0.00	18.28 0.66 0.00	18.15 0.67 0.00	18.22 0.72 0.00	19.44 0.75 0.00	20.08 0.75 -1.33	20.20 0.71 -0.96	18.18 0.59 -0.51	16.22 0.47 0.00	8.43 0.17 0.00	8.72 0.22 0.00	11.98 0.37 0.00	10.01 0.31 0.00	7.03 0.22 0.00	5.74 0.18 0.00	17.18 0.26 -10.01	23.11 0.03 -22.34	27.22 0.17 -23.20	49.66 0.17 -45.83	35.71 0.35 -27.58	80.62 -0.36 -89.29	28.25 0.20 -23.33	23.87 0.18 -19.11
DANC___LFGE 323619	18.23 -0.25 0.00	17.40 -0.25 0.00	17.43 -0.19 0.00	17.29 -0.19 0.00	17.29 -0.22 0.00	18.25 -0.44 0.00	17.62 -0.45 -0.07	18.02 -0.55 -0.05	16.46 -0.65 -0.03	15.08 -0.67 0.00	7.88 -0.39 0.00	8.10 -0.39 0.00	11.05 -0.56 0.00	9.24 -0.46 0.00	6.49 -0.32 0.00	5.27 -0.29 0.00	7.09 -0.36 -0.54	1.95 -0.03 -1.23	4.97 -0.16 -1.29	6.08 -0.13 -2.55	9.08 -0.24 -1.53	-3.00 0.35 -4.96	5.81 -0.21 -1.30	5.41 -0.23 -1.06
DANSKAMMER___1 23586	19.80 1.32 0.00	18.91 1.26 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.74 1.24 0.00	19.97 1.28 0.00	20.19 1.28 -0.91	20.58 1.39 -0.66	18.72 1.30 -0.35	16.93 1.19 0.00	8.85 0.59 0.00	9.09 0.60 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.53 -6.90	16.88 0.04 -16.09	21.08 0.27 -16.96	37.43 0.27 -33.50	28.49 0.55 -20.16	56.43 -0.54 -65.27	22.11 0.33 -17.05	18.86 0.32 -13.97
DANSKAMMER___2 23589	19.80 1.32 0.00	18.91 1.26 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.74 1.24 0.00	19.97 1.28 0.00	20.19 1.28 -0.91	20.58 1.39 -0.66	18.72 1.30 -0.35	16.93 1.19 0.00	8.85 0.59 0.00	9.09 0.60 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.53 -6.90	16.88 0.04 -16.09	21.08 0.27 -16.96	37.43 0.27 -33.50	28.49 0.55 -20.16	56.43 -0.54 -65.27	22.11 0.33 -17.05	18.86 0.32 -13.97
DANSKAMMER___3 23590	19.80 1.32 0.00	18.91 1.26 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.74 1.24 0.00	19.97 1.28 0.00	20.19 1.28 -0.91	20.58 1.39 -0.66	18.72 1.30 -0.35	16.93 1.19 0.00	8.85 0.59 0.00	9.09 0.60 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.53 -6.90	16.88 0.04 -16.09	21.08 0.27 -16.96	37.43 0.27 -33.50	28.49 0.55 -20.16	56.43 -0.54 -65.27	22.11 0.33 -17.05	18.86 0.32 -13.97
DANSKAMMER___4 23591	19.80 1.32 0.00	18.91 1.26 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.74 1.24 0.00	19.97 1.28 0.00	20.19 1.28 -0.91	20.58 1.39 -0.66	18.72 1.30 -0.35	16.93 1.19 0.00	8.85 0.59 0.00	9.09 0.60 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.53 -6.90	16.88 0.04 -16.09	21.08 0.27 -16.96	37.43 0.27 -33.50	28.49 0.55 -20.16	56.43 -0.54 -65.27	22.11 0.33 -17.05	18.86 0.32 -13.97
DANSKAMMER___DIESEL 23592	19.80 1.32 0.00	18.91 1.26 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.98 1.29 0.00	20.19 1.27 -0.91	20.70 1.39 -0.78	18.73 1.30 -0.35	16.93 1.19 0.00	8.85 0.59 0.00	9.09 0.60 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.34 0.53 -6.90	16.89 0.04 -16.10	21.10 0.27 -16.98	37.85 0.27 -33.92	28.49 0.55 -20.16	56.43 -0.54 -65.27	22.10 0.33 -17.04	18.86 0.32 -13.97
DARBY___SOLAR 323810	19.27 0.79 0.00	18.41 0.76 0.00	18.30 0.67 0.00	18.16 0.68 0.00	18.21 0.71 0.00	19.46 0.77 0.00	20.07 0.75 -1.33	20.32 0.73 -1.06	18.22 0.63 -0.50	16.26 0.51 0.00	8.46 0.20 0.00	8.74 0.24 0.00	12.00 0.39 0.00	10.03 0.33 0.00	7.04 0.23 0.00	5.75 0.19 0.00	17.17 0.27 -9.99	23.08 0.03 -22.29	27.16 0.17 -23.14	49.78 0.17 -45.95	35.62 0.35 -27.49	80.34 -0.36 -89.01	28.18 0.19 -23.26	23.89 0.18 -19.14
DASHVILLE___HYD 23610	20.17 1.69 0.00	19.26 1.61 0.00	19.23 1.61 0.00	19.10 1.61 0.00	19.08 1.58 0.00	20.33 1.64 0.00	20.59 1.63 -0.96	21.10 1.76 -0.81	19.06 1.62 -0.36	17.21 1.46 0.00	9.00 0.73 0.00	9.22 0.73 0.00	12.67 1.05 0.00	10.52 0.82 0.00	7.41 0.60 0.00	6.06 0.50 0.00	14.74 0.64 -7.19	17.33 0.06 -16.53	21.56 0.34 -17.37	38.20 0.35 -34.19	29.14 0.71 -20.65	57.87 -0.70 -66.88	22.60 0.42 -17.45	19.11 0.41 -14.13

DEERFIELD_69_KV_DEERFIELD LD 355887	20.52 2.03 0.00	23.21 2.11 -3.45	21.45 2.09 -1.73	60.09 2.10 -40.51	71.56 2.09 -51.96	22.84 2.37 -1.78	21.28 2.36 -0.92	21.79 2.47 -0.79	19.63 2.20 -0.35	17.82 2.08 0.00	27.85 1.03 -18.56	31.34 1.05 -21.79	12.96 1.35 0.00	10.82 1.12 0.00	7.82 0.86 -0.15	27.84 0.68 -21.60	17.41 0.88 -9.62	71.49 0.09 -70.66	39.92 0.47 -35.61	41.62 0.45 -37.51	34.18 0.93 -25.47	69.23 -0.95 -78.48	22.51 0.58 -17.21	37.15 0.56 -32.01
DELAWARE___LFGE 323621	19.16 0.68 0.00	18.30 0.65 0.00	18.28 0.65 0.00	18.14 0.65 0.00	18.14 0.64 0.00	19.29 0.60 0.00	18.96 0.60 -0.36	19.81 0.64 -0.65	17.80 0.58 -0.14	16.28 0.53 0.00	8.53 0.27 0.00	8.76 0.27 0.00	12.00 0.38 0.00	10.01 0.31 0.00	7.03 0.22 0.00	5.74 0.18 0.00	9.82 0.22 -2.69	6.88 0.02 -6.11	10.36 0.13 -6.38	16.45 0.12 -12.66	15.63 0.26 -7.58	15.98 -0.26 -24.56	11.36 0.15 -6.48	10.51 0.15 -5.79
DERFIELD_115KV_TB7 355931	18.50 0.02 0.00	17.67 0.02 0.00	17.63 0.01 0.00	17.49 0.01 0.00	17.51 0.01 0.00	18.65 -0.04 0.00	17.98 -0.04 -0.01	18.54 -0.02 -0.04	17.05 -0.03 -0.01	15.72 -0.03 0.00	8.24 -0.03 0.00	8.47 -0.03 0.00	11.59 -0.03 0.00	9.68 -0.02 0.00	6.80 -0.01 0.00	5.55 -0.01 0.00	7.01 -0.01 -0.11	0.99 0.00 -0.25	4.10 0.00 -0.26	4.18 0.00 -0.52	8.08 -0.01 -0.30	-7.31 0.01 -0.98	4.97 -0.01 -0.25	4.74 -0.01 -0.18
DOGLEVILLE___HYD 23807	18.13 -0.36 0.00	17.33 -0.32 0.00	17.21 -0.41 0.00	17.10 -0.39 0.00	17.18 -0.32 0.00	18.29 -0.40 0.00	17.60 -0.40 0.00	18.10 -0.43 0.00	16.67 -0.41 0.00	15.28 -0.47 0.00	7.97 -0.29 0.00	8.20 -0.30 0.00	11.30 -0.32 0.00	9.39 -0.31 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	6.74 -0.17 0.00	0.73 -0.02 0.00	3.77 -0.08 0.00	3.59 -0.07 0.00	7.65 -0.13 0.00	-8.19 0.12 0.00	4.64 -0.09 0.00	4.49 -0.08 0.00
DUNKIRK___115KV_TB_200 55889	18.53 0.04 0.00	17.66 0.01 0.00	17.70 0.08 0.00	17.48 -0.01 0.00	17.45 -0.06 0.00	18.31 -0.38 0.00	17.76 -0.41 -0.17	17.18 -0.42 0.92	16.83 -0.31 -0.06	15.63 -0.12 0.00	8.30 0.04 0.00	8.53 0.03 0.00	11.66 0.04 0.00	9.76 0.06 0.00	6.77 -0.04 0.00	5.54 -0.02 0.00	8.11 -0.05 -1.25	3.59 0.01 -2.84	6.78 -0.03 -2.97	9.47 -0.05 -5.86	11.22 -0.09 -3.52	3.10 -0.01 -11.41	7.64 -0.07 -2.98	6.97 -0.04 -2.44
DUNKIRK___1 23563	18.53 0.04 0.00	17.66 0.01 0.00	17.70 0.08 0.00	17.48 -0.01 0.00	17.45 -0.06 0.00	18.31 -0.38 0.00	17.76 -0.41 -0.17	17.18 -0.42 0.92	16.83 -0.31 -0.06	15.63 -0.12 0.00	8.30 0.04 0.00	8.53 0.03 0.00	11.66 0.04 0.00	9.76 0.06 0.00	6.77 -0.04 0.00	5.54 -0.02 0.00	8.11 -0.05 -1.25	3.59 0.01 -2.84	6.78 -0.03 -2.97	9.47 -0.05 -5.86	11.22 -0.09 -3.52	3.10 -0.01 -11.41	7.64 -0.07 -2.98	6.97 -0.04 -2.44
DUNKIRK___2 23564	18.53 0.04 0.00	17.66 0.01 0.00	17.70 0.08 0.00	17.48 -0.01 0.00	17.45 -0.06 0.00	18.31 -0.38 0.00	17.76 -0.41 -0.17	17.18 -0.42 0.92	16.83 -0.31 -0.06	15.63 -0.12 0.00	8.30 0.04 0.00	8.53 0.03 0.00	11.66 0.04 0.00	9.76 0.06 0.00	6.77 -0.04 0.00	5.54 -0.02 0.00	8.11 -0.05 -1.25	3.59 0.01 -2.84	6.78 -0.03 -2.97	9.47 -0.05 -5.86	11.22 -0.09 -3.52	3.10 -0.01 -11.41	7.64 -0.07 -2.98	6.97 -0.04 -2.44
DUNKIRK___3 23565	18.44 -0.04 0.00	17.59 -0.07 0.00	17.64 0.01 0.00	17.41 -0.07 0.00	17.38 -0.12 0.00	18.26 -0.43 0.00	17.69 -0.48 -0.16	17.04 -0.51 0.99	16.75 -0.39 -0.06	15.55 -0.19 0.00	8.26 0.00 0.00	8.49 -0.01 0.00	11.61 0.00 0.00	9.72 0.02 0.00	6.75 -0.06 0.00	5.53 -0.03 0.00	8.07 -0.08 -1.24	3.56 0.00 -2.81	6.74 -0.05 -2.94	9.38 -0.07 -5.78	11.16 -0.12 -3.50	3.05 0.03 -11.32	7.59 -0.09 -2.96	6.94 -0.06 -2.43
DUNKIRK___4 23566	18.44 -0.04 0.00	17.59 -0.07 0.00	17.64 0.01 0.00	17.41 -0.07 0.00	17.38 -0.12 0.00	18.26 -0.43 0.00	17.69 -0.48 -0.16	17.04 -0.51 0.99	16.75 -0.39 -0.06	15.55 -0.19 0.00	8.26 0.00 0.00	8.49 -0.01 0.00	11.61 0.00 0.00	9.72 0.02 0.00	6.75 -0.06 0.00	5.53 -0.03 0.00	8.07 -0.08 -1.24	3.56 0.00 -2.81	6.74 -0.05 -2.94	9.38 -0.07 -5.78	11.16 -0.12 -3.50	3.05 0.03 -11.32	7.59 -0.09 -2.96	6.94 -0.06 -2.43
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.69 1.21 0.00	18.81 1.16 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.64 1.13 0.00	19.89 1.20 0.00	20.11 1.19 -0.92	20.62 1.31 -0.78	18.68 1.25 -0.35	16.91 1.16 0.00	8.85 0.59 0.00	9.10 0.61 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.32 0.51 0.00	5.98 0.42 0.00	14.34 0.52 -6.91	16.94 0.04 -16.15	21.15 0.25 -17.05	37.35 0.25 -33.45	28.55 0.48 -20.28	56.90 -0.47 -65.68	22.17 0.30 -17.14	18.80 0.30 -13.93
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.70 1.21 0.00	18.81 1.16 0.00	18.78 1.16 0.00	18.65 1.16 0.00	18.64 1.13 0.00	19.87 1.18 0.00	20.05 1.17 -0.88	20.57 1.28 -0.76	18.61 1.19 -0.33	16.84 1.09 0.00	8.80 0.54 0.00	9.05 0.55 0.00	12.41 0.80 0.00	10.32 0.63 0.00	7.27 0.46 0.00	5.94 0.38 0.00	14.02 0.48 -6.63	16.23 0.04 -15.44	20.37 0.25 -16.28	36.20 0.25 -32.29	27.63 0.50 -19.34	53.84 -0.49 -62.64	21.37 0.30 -16.34	18.05 0.30 -13.18
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.77 1.28 0.00	18.86 1.20 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.71 1.40 -0.78	18.80 1.37 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.16 0.67 0.00	12.57 0.95 0.00	10.44 0.75 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.55 -6.92	16.95 0.05 -16.16	21.17 0.26 -17.07	37.47 0.27 -33.54	28.58 0.51 -20.30	56.92 -0.49 -65.72	22.22 0.33 -17.16	18.85 0.33 -13.95
E179THST_13_KV_LOAD 356214	19.84 1.35 0.00	18.92 1.27 0.00	18.87 1.25 0.00	18.74 1.26 0.00	18.73 1.23 0.00	20.00 1.30 0.00	20.22 1.30 -0.92	20.78 1.47 -0.78	18.86 1.43 -0.35	17.08 1.33 0.00	8.95 0.69 0.00	9.20 0.70 0.00	12.61 1.00 0.00	10.48 0.79 0.00	7.39 0.58 0.00	6.03 0.47 0.00	14.41 0.58 -6.92	16.96 0.05 -16.16	21.19 0.28 -17.07	37.49 0.28 -33.54	28.62 0.54 -20.30	56.89 -0.52 -65.72	22.23 0.35 -17.16	18.87 0.35 -13.95
EAST HAMPTON___GT 23717	20.72 2.23 0.00	23.40 2.29 -3.45	21.63 2.28 -1.73	60.29 2.30 -40.51	61.94 2.34 -42.10	23.03 2.56 -1.78	21.48 2.56 -0.92	21.87 2.68 -0.66	19.81 2.38 -0.35	18.00 2.25 0.00	27.93 1.11 -18.56	31.45 1.16 -21.79	13.08 1.46 0.00	10.91 1.21 0.00	7.89 0.93 -0.15	27.90 0.73 -21.60	17.49 0.95 -9.63	71.53 0.10 -70.68	39.97 0.51 -35.62	41.86 0.49 -37.70	34.28 1.03 -25.47	69.13 -1.05 -78.48	22.58 0.64 -17.22	37.32 0.63 -32.12
EAST RIVER___6 23660	19.74 1.26 0.00	18.87 1.21 0.00	18.83 1.21 0.00	18.71 1.23 0.00	18.71 1.20 0.00	19.95 1.26 0.00	20.17 1.25 -0.92	20.60 1.42 -0.66	18.79 1.37 -0.35	17.04 1.29 0.00	8.93 0.66 0.00	9.18 0.68 0.00	12.60 0.98 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.46 0.00	14.40 0.57 -6.92	16.96 0.04 -16.17	21.17 0.27 -17.05	37.62 0.26 -33.69	28.57 0.51 -20.27	56.84 -0.49 -65.64	22.20 0.33 -17.15	18.94 0.33 -14.05

EAST RIVER___7 23524	19.74 1.26 0.00	18.87 1.21 0.00	18.83 1.21 0.00	18.71 1.23 0.00	18.71 1.20 0.00	19.95 1.26 0.00	20.17 1.25 -0.92	20.60 1.42 -0.66	18.79 1.37 -0.35	17.04 1.29 0.00	8.93 0.66 0.00	9.18 0.68 0.00	12.60 0.98 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.46 0.00	14.40 0.57 -6.92	16.96 0.04 -16.17	21.17 0.27 -17.05	37.62 0.26 -33.69	28.57 0.51 -20.27	56.84 -0.49 -65.64	22.20 0.33 -17.15	18.94 0.33 -14.05
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.62 1.13 0.00	18.76 1.11 0.00	18.73 1.11 0.00	18.60 1.11 0.00	18.59 1.09 0.00	19.80 1.11 0.00	20.01 1.10 -0.91	20.53 1.22 -0.78	18.59 1.16 -0.35	16.83 1.08 0.00	8.80 0.54 0.00	9.06 0.56 0.00	12.43 0.81 0.00	10.34 0.64 0.00	7.28 0.47 0.00	5.95 0.39 0.00	14.26 0.48 -6.87	16.84 0.04 -16.06	21.03 0.23 -16.95	37.26 0.23 -33.37	28.39 0.46 -20.15	56.50 -0.44 -65.25	22.04 0.28 -17.04	18.73 0.28 -13.88
EAST_HAMPTON___DIESEL 23722	20.72 2.24 0.00	23.40 2.30 -3.45	21.64 2.28 -1.73	60.30 2.31 -40.51	61.94 2.34 -42.10	23.03 2.56 -1.78	21.49 2.56 -0.92	21.88 2.69 -0.66	19.82 2.39 -0.35	18.01 2.26 0.00	27.93 1.11 -18.56	31.45 1.16 -21.79	13.08 1.46 0.00	10.91 1.21 0.00	7.89 0.93 -0.15	27.90 0.73 -21.60	17.49 0.95 -9.63	71.53 0.10 -70.68	39.97 0.51 -35.62	41.86 0.49 -37.70	34.28 1.03 -25.47	69.12 -1.05 -78.48	22.59 0.64 -17.22	37.32 0.63 -32.12
EAST_PULASKI___ESR 323781	18.23 -0.26 0.00	17.40 -0.25 0.00	17.39 -0.23 0.00	17.26 -0.23 0.00	17.25 -0.25 0.00	18.18 -0.51 0.00	17.56 -0.53 -0.08	18.19 -0.58 -0.23	16.50 -0.61 -0.03	15.15 -0.60 0.00	7.94 -0.32 0.00	8.17 -0.33 0.00	11.17 -0.45 0.00	9.34 -0.36 0.00	6.55 -0.27 0.00	5.33 -0.23 0.00	7.24 -0.29 -0.62	2.13 -0.03 -1.40	5.18 -0.14 -1.47	6.34 -0.11 -2.80	9.33 -0.21 -1.76	-2.35 0.26 -5.70	6.05 -0.16 -1.49	5.59 -0.17 -1.19
EAST_RIVER___1 323558	19.71 1.22 0.00	18.83 1.18 0.00	18.79 1.17 0.00	18.68 1.20 0.00	18.68 1.17 0.00	19.91 1.22 0.00	20.14 1.22 -0.92	20.57 1.38 -0.66	18.76 1.33 -0.35	17.00 1.26 0.00	8.90 0.64 0.00	9.15 0.66 0.00	12.56 0.95 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.01 0.45 0.00	14.38 0.55 -6.92	16.96 0.04 -16.17	21.16 0.26 -17.05	37.61 0.26 -33.69	28.55 0.50 -20.27	56.85 -0.48 -65.64	22.19 0.32 -17.15	18.93 0.32 -14.05
EAST_RIVER___2 323559	19.74 1.26 0.00	18.87 1.21 0.00	18.83 1.21 0.00	18.71 1.23 0.00	18.71 1.20 0.00	19.95 1.26 0.00	20.17 1.25 -0.92	20.60 1.42 -0.66	18.79 1.37 -0.35	17.04 1.29 0.00	8.93 0.66 0.00	9.18 0.68 0.00	12.60 0.98 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.46 0.00	14.40 0.57 -6.92	16.96 0.04 -16.17	21.17 0.27 -17.05	37.62 0.26 -33.69	28.57 0.51 -20.27	56.84 -0.49 -65.64	22.20 0.33 -17.15	18.94 0.33 -14.05
EAST___DELAWARE_HYD 23607	20.12 1.63 0.00	19.21 1.56 0.00	19.24 1.62 0.00	19.10 1.62 0.00	19.06 1.56 0.00	20.29 1.60 0.00	20.28 1.48 -0.80	20.68 1.58 -0.58	18.82 1.43 -0.30	17.04 1.29 0.00	8.96 0.70 0.00	9.16 0.67 0.00	12.55 0.94 0.00	10.42 0.73 0.00	7.33 0.52 0.00	5.99 0.43 0.00	13.49 0.55 -6.03	14.74 0.06 -13.94	18.80 0.31 -14.64	32.91 0.31 -28.93	25.84 0.65 -17.41	47.42 -0.65 -56.37	19.84 0.38 -14.73	17.02 0.38 -12.07
EIGHT_POINT___WT_PWR 323820	18.87 0.39 0.00	18.04 0.39 0.00	18.09 0.47 0.00	17.90 0.42 0.00	17.86 0.36 0.00	18.89 0.20 0.00	18.35 0.15 -0.20	20.98 0.14 -2.31	17.27 0.11 -0.08	15.89 0.14 0.00	8.40 0.13 0.00	8.61 0.11 0.00	11.78 0.16 0.00	9.87 0.17 0.00	6.87 0.06 0.00	5.62 0.06 0.00	8.43 0.03 -1.49	4.14 0.01 -3.38	7.40 0.03 -3.53	10.66 0.03 -6.98	12.05 0.07 -4.20	5.18 -0.11 -13.59	8.30 0.03 -3.55	7.51 0.03 -2.91
ELBRIDGE_115KV_TB2 80188	18.43 -0.06 0.00	17.57 -0.08 0.00	17.58 -0.05 0.00	17.44 -0.05 0.00	17.44 -0.06 0.00	18.39 -0.31 0.00	17.84 -0.27 -0.12	19.51 -0.28 -1.26	16.83 -0.30 -0.04	15.46 -0.28 0.00	8.11 -0.15 0.00	8.35 -0.14 0.00	11.43 -0.19 0.00	9.56 -0.13 0.00	6.70 -0.11 0.00	5.46 -0.10 0.00	7.65 -0.12 -0.86	2.68 -0.01 -1.94	5.83 -0.05 -2.04	7.54 -0.05 -3.93	10.12 -0.08 -2.42	-0.37 0.09 -7.85	6.71 -0.07 -2.05	6.17 -0.07 -1.67
ELEC_TRO_TEK 24086	19.99 1.50 0.00	22.10 1.47 -2.98	20.56 1.45 -1.49	54.87 1.46 -35.93	68.65 1.43 -49.72	21.81 1.58 -1.54	20.48 1.56 -0.92	20.98 1.67 -0.79	18.96 1.53 -0.35	17.20 1.45 0.00	27.57 0.74 -18.56	31.05 0.76 -21.79	12.63 1.02 0.00	10.53 0.83 0.00	7.60 0.64 -0.15	27.69 0.52 -21.60	17.18 0.65 -9.62	71.46 0.05 -70.66	39.77 0.32 -35.61	41.49 0.31 -37.51	33.88 0.63 -25.47	69.55 -0.62 -78.48	22.33 0.39 -17.21	36.97 0.38 -32.01
ELLENBURG_WT_PWR 323604	18.53 0.04 0.00	17.61 -0.05 0.00	17.53 -0.09 0.00	17.41 -0.08 0.00	17.44 -0.06 0.00	18.70 0.00 0.00	18.11 0.11 0.00	18.65 0.12 0.00	17.26 0.18 0.00	15.90 0.15 0.00	8.28 0.02 0.00	8.46 -0.04 0.00	11.38 -0.23 0.00	9.44 -0.26 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.77 -0.14 0.00	0.73 -0.01 0.00	3.80 -0.05 0.00	3.64 -0.02 0.00	7.68 -0.10 0.00	-8.25 0.06 0.00	4.59 -0.14 0.00	4.42 -0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.99 -0.50 0.00	17.17 -0.48 0.00	17.24 -0.38 0.00	17.02 -0.47 0.00	17.00 -0.50 0.00	17.87 -0.82 0.00	17.26 -0.90 -0.16	16.40 -0.99 1.14	16.30 -0.84 -0.06	15.15 -0.60 0.00	8.06 -0.20 0.00	8.28 -0.21 0.00	11.33 -0.28 0.00	9.50 -0.20 0.00	6.61 -0.20 0.00	5.40 -0.15 0.00	7.88 -0.23 -1.20	3.46 -0.02 -2.73	6.56 -0.14 -2.85	9.18 -0.16 -5.67	10.87 -0.30 -3.39	2.90 0.23 -10.98	7.40 -0.20 -2.87	6.78 -0.16 -2.37
EMPIRE_CC_1 323656	18.99 0.51 0.00	18.17 0.51 0.00	18.07 0.44 0.00	17.94 0.45 0.00	17.97 0.47 0.00	19.17 0.48 0.00	19.69 0.44 -1.24	19.86 0.44 -0.89	17.98 0.43 -0.47	16.12 0.37 0.00	8.40 0.14 0.00	8.66 0.16 0.00	11.88 0.27 0.00	9.88 0.18 0.00	6.95 0.13 0.00	5.67 0.11 0.00	16.42 0.17 -9.34	21.39 0.01 -20.63	25.29 0.09 -21.35	45.92 0.08 -42.17	33.32 0.16 -25.37	73.70 -0.16 -82.17	26.29 0.09 -21.47	22.27 0.11 -17.59
EMPIRE_CC_2 323658	18.99 0.51 0.00	18.17 0.51 0.00	18.07 0.44 0.00	17.94 0.45 0.00	17.97 0.47 0.00	19.17 0.48 0.00	19.69 0.44 -1.24	19.86 0.44 -0.89	17.98 0.43 -0.47	16.12 0.37 0.00	8.40 0.14 0.00	8.66 0.16 0.00	11.88 0.27 0.00	9.88 0.18 0.00	6.95 0.13 0.00	5.67 0.11 0.00	16.42 0.17 -9.34	21.39 0.01 -20.63	25.29 0.09 -21.35	45.92 0.08 -42.17	33.32 0.16 -25.37	73.70 -0.16 -82.17	26.29 0.09 -21.47	22.27 0.11 -17.59
ENORWICH_115KV_TB1 80156	19.76 1.28 0.00	18.85 1.20 0.00	18.90 1.28 0.00	18.75 1.26 0.00	18.77 1.27 0.00	19.84 1.15 0.00	19.41 1.13 -0.27	20.77 1.12 -1.13	18.07 0.89 -0.10	16.39 0.64 0.00	8.56 0.30 0.00	8.77 0.28 0.00	12.03 0.42 0.00	10.04 0.34 0.00	7.05 0.24 0.00	5.75 0.19 0.00	9.20 0.22 -2.08	5.51 0.04 -4.72	8.99 0.22 -4.93	13.74 0.23 -9.85	14.15 0.51 -5.85	10.12 -0.54 -18.96	10.00 0.30 -4.98	9.12 0.29 -4.26

ERIE_ST__34_KV_TB1-2 80199	18.32 -0.16 0.00	17.50 -0.15 0.00	17.56 -0.06 0.00	17.34 -0.14 0.00	17.33 -0.18 0.00	18.23 -0.46 0.00	17.61 -0.56 -0.17	16.78 -0.63 1.12	16.64 -0.50 -0.06	15.45 -0.30 0.00	8.22 -0.04 0.00	8.44 -0.05 0.00	11.56 -0.06 0.00	9.68 -0.01 0.00	6.74 -0.07 0.00	5.51 -0.05 0.00	8.04 -0.12 -1.24	3.57 0.00 -2.82	6.72 -0.08 -2.96	9.28 -0.10 -5.71	11.13 -0.17 -3.52	3.18 0.09 -11.40	7.59 -0.11 -2.98	6.92 -0.09 -2.44
ERIE_WT_PWR 323693	18.14 -0.35 0.00	17.32 -0.33 0.00	17.38 -0.24 0.00	17.16 -0.33 0.00	17.10 -0.40 0.00	18.04 -0.65 0.00	17.42 -0.75 -0.16	16.62 -0.82 1.09	16.48 -0.66 -0.06	15.28 -0.47 0.00	8.12 -0.14 0.00	8.34 -0.16 0.00	11.41 -0.20 0.00	9.57 -0.12 0.00	6.66 -0.15 0.00	5.45 -0.11 0.00	7.96 -0.18 -1.23	3.53 -0.01 -2.80	6.66 -0.11 -2.92	9.31 -0.13 -5.77	11.02 -0.24 -3.47	3.10 0.16 -11.25	7.50 -0.17 -2.94	6.85 -0.13 -2.41
ESPRGFLD_115KV_TB1 80157	19.69 1.21 0.00	18.76 1.11 0.00	18.79 1.17 0.00	18.64 1.15 0.00	18.63 1.12 0.00	19.82 1.13 0.00	18.86 1.11 0.25	19.71 1.14 -0.04	18.00 1.02 0.10	16.69 0.94 0.00	8.75 0.49 0.00	8.99 0.50 0.00	12.24 0.63 0.00	10.25 0.55 0.00	7.19 0.38 0.00	5.88 0.32 0.00	5.36 0.37 1.92	-3.62 0.05 4.41	-0.56 0.23 4.64	-5.18 0.24 9.08	2.76 0.50 5.52	-26.68 -0.49 17.88	0.38 0.29 4.63	1.33 0.27 3.51
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.92 0.43 0.00	18.05 0.40 0.00	18.05 0.43 0.00	17.91 0.42 0.00	17.92 0.41 0.00	18.93 0.24 0.00	18.47 0.26 -0.21	20.35 0.26 -1.56	17.32 0.16 -0.08	15.84 0.09 0.00	8.30 0.04 0.00	8.52 0.03 0.00	11.67 0.06 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.58 0.02 0.00	8.51 0.02 -1.58	4.35 0.01 -3.59	7.65 0.05 -3.76	11.05 0.06 -7.33	12.40 0.14 -4.47	6.02 -0.15 -14.48	8.59 0.07 -3.79	7.83 0.06 -3.20
ETNA____115KV_TB2 80207	18.92 0.43 0.00	18.05 0.40 0.00	18.05 0.43 0.00	17.91 0.42 0.00	17.92 0.41 0.00	18.93 0.24 0.00	18.47 0.26 -0.21	20.35 0.26 -1.56	17.32 0.16 -0.08	15.84 0.09 0.00	8.30 0.04 0.00	8.52 0.03 0.00	11.67 0.06 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.58 0.02 0.00	8.51 0.02 -1.58	4.35 0.01 -3.59	7.65 0.05 -3.76	11.05 0.06 -7.33	12.40 0.14 -4.47	6.02 -0.15 -14.48	8.59 0.07 -3.79	7.83 0.06 -3.20
EUCLID____115KV_TB2 356179	18.26 -0.22 0.00	17.44 -0.21 0.00	17.43 -0.19 0.00	17.27 -0.21 0.00	17.27 -0.23 0.00	18.23 -0.46 0.00	17.63 -0.47 -0.09	18.35 -0.48 -0.31	16.64 -0.47 -0.04	15.33 -0.42 0.00	8.05 -0.21 0.00	8.28 -0.21 0.00	11.33 -0.28 0.00	9.47 -0.23 0.00	6.64 -0.17 0.00	5.42 -0.14 0.00	7.43 -0.18 -0.70	2.32 -0.02 -1.58	5.42 -0.09 -1.66	6.70 -0.08 -3.12	9.61 -0.16 -1.99	-1.71 0.17 -6.43	6.29 -0.11 -1.68	5.80 -0.11 -1.34
E_CANADA_CAP_HY 24051	19.84 1.36 0.00	18.89 1.24 0.00	18.91 1.28 0.00	18.74 1.25 0.00	18.72 1.22 0.00	19.95 1.26 0.00	20.86 1.24 -1.62	20.94 1.25 -1.17	18.79 1.09 -0.61	16.75 1.00 0.00	8.77 0.51 0.00	9.03 0.54 0.00	12.28 0.67 0.00	10.30 0.60 0.00	7.23 0.42 0.00	5.91 0.35 0.00	19.50 0.41 -12.17	28.08 0.05 -27.28	32.49 0.26 -28.38	59.99 0.27 -56.06	42.09 0.57 -33.73	100.37 -0.55 -109.22	33.59 0.33 -28.53	28.25 0.30 -23.38
E_CANADA_MHWK_HY 24050	18.13 -0.36 0.00	17.33 -0.32 0.00	17.21 -0.41 0.00	17.10 -0.39 0.00	17.18 -0.32 0.00	18.29 -0.40 0.00	17.60 -0.40 0.00	18.10 -0.43 0.00	16.67 -0.41 0.00	15.28 -0.47 0.00	7.97 -0.29 0.00	8.20 -0.30 0.00	11.30 -0.32 0.00	9.39 -0.31 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	6.74 -0.17 0.00	0.73 -0.02 0.00	3.77 -0.08 0.00	3.59 -0.07 0.00	7.65 -0.13 0.00	-8.19 0.12 0.00	4.64 -0.09 0.00	4.49 -0.08 0.00
E_FISHKILL____LBMP 23776	19.55 1.06 0.00	18.67 1.02 0.00	18.63 1.00 0.00	18.49 1.01 0.00	18.50 0.99 0.00	19.73 1.04 0.00	19.97 1.03 -0.94	20.47 1.14 -0.80	18.53 1.09 -0.36	16.76 1.01 0.00	8.76 0.50 0.00	9.01 0.51 0.00	12.35 0.74 0.00	10.28 0.58 0.00	7.24 0.43 0.00	5.91 0.35 0.00	14.43 0.44 -7.08	17.33 0.03 -16.55	21.54 0.21 -17.48	38.22 0.21 -34.35	28.99 0.41 -20.79	58.60 -0.40 -67.31	22.55 0.26 -17.57	19.12 0.25 -14.30
FALCON____SEABRD_CC1 323796	18.72 0.24 0.00	17.78 0.13 0.00	17.70 0.07 0.00	17.58 0.10 0.00	17.63 0.12 0.00	18.91 0.21 0.00	18.33 0.33 0.00	18.86 0.33 0.00	17.44 0.36 0.00	16.05 0.30 0.00	8.35 0.09 0.00	8.53 0.04 0.00	11.50 -0.11 0.00	9.53 -0.17 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.85 -0.06 0.00	0.74 -0.01 0.00	3.84 -0.01 0.00	3.68 0.02 0.00	7.77 -0.01 0.00	-8.36 -0.05 0.00	4.64 -0.09 0.00	4.47 -0.10 0.00
FALCON____SEABRD_CC2 323797	18.72 0.24 0.00	17.78 0.13 0.00	17.70 0.07 0.00	17.58 0.10 0.00	17.63 0.12 0.00	18.91 0.21 0.00	18.33 0.33 0.00	18.86 0.33 0.00	17.44 0.36 0.00	16.05 0.30 0.00	8.35 0.09 0.00	8.53 0.04 0.00	11.50 -0.11 0.00	9.53 -0.17 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.85 -0.06 0.00	0.74 -0.01 0.00	3.84 -0.01 0.00	3.68 0.02 0.00	7.77 -0.01 0.00	-8.36 -0.05 0.00	4.64 -0.09 0.00	4.47 -0.10 0.00
FAR ROCKAWAY____4 23548	20.20 1.72 0.00	22.41 1.68 -3.07	20.82 1.66 -1.54	55.98 1.66 -36.84	68.42 1.63 -49.29	22.03 1.76 -1.59	20.64 1.72 -0.92	21.14 1.83 -0.79	19.10 1.67 -0.35	17.33 1.58 0.00	27.65 0.82 -18.56	31.08 0.80 -21.79	12.75 1.14 0.00	10.61 0.91 0.00	7.66 0.70 -0.15	27.74 0.58 -21.60	17.25 0.72 -9.62	71.46 0.06 -70.66	39.81 0.36 -35.61	41.53 0.36 -37.51	33.98 0.72 -25.47	69.46 -0.71 -78.48	22.37 0.44 -17.21	37.01 0.43 -32.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.72 1.24 0.00	18.84 1.19 0.00	18.80 1.17 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.14 1.23 -0.92	20.70 1.39 -0.78	18.77 1.34 -0.35	17.01 1.26 0.00	8.90 0.64 0.00	9.15 0.66 0.00	12.56 0.95 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.01 0.45 0.00	14.38 0.55 -6.91	16.94 0.04 -16.15	21.16 0.26 -17.05	37.43 0.26 -33.51	28.56 0.50 -20.28	56.86 -0.49 -65.65	22.19 0.32 -17.14	18.83 0.32 -13.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.72 1.24 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.71 1.39 -0.78	18.78 1.35 -0.35	17.01 1.27 0.00	8.90 0.64 0.00	9.15 0.66 0.00	12.56 0.95 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.01 0.45 0.00	14.38 0.55 -6.91	16.94 0.04 -16.15	21.16 0.26 -17.05	37.43 0.26 -33.51	28.56 0.51 -20.28	56.86 -0.49 -65.65	22.19 0.32 -17.14	18.84 0.32 -13.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.71 1.22 0.00	18.83 1.18 0.00	18.79 1.17 0.00	18.67 1.19 0.00	18.66 1.16 0.00	19.92 1.22 0.00	20.13 1.22 -0.92	20.69 1.38 -0.78	18.77 1.34 -0.35	17.00 1.25 0.00	8.90 0.64 0.00	9.15 0.65 0.00	12.55 0.94 0.00	10.44 0.74 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.37 0.55 -6.91	16.94 0.04 -16.15	21.15 0.26 -17.05	37.43 0.26 -33.51	28.56 0.50 -20.28	56.86 -0.48 -65.65	22.19 0.32 -17.14	18.83 0.32 -13.94

FARRAGUT___LBMP 323566	19.70 1.21 0.00	18.82 1.17 0.00	18.78 1.16 0.00	18.67 1.18 0.00	18.66 1.15 0.00	19.90 1.21 0.00	20.12 1.20 -0.92	20.68 1.37 -0.78	18.75 1.32 -0.35	16.99 1.24 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.55 0.93 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.36 0.54 -6.91	16.94 0.04 -16.15	21.15 0.25 -17.05	37.43 0.25 -33.51	28.55 0.49 -20.28	56.87 -0.47 -65.65	22.18 0.32 -17.14	18.83 0.32 -13.94
FENNER___WINDPWR 24204	18.82 0.33 0.00	17.97 0.32 0.00	17.95 0.33 0.00	17.81 0.32 0.00	17.80 0.30 0.00	18.89 0.19 0.00	18.30 0.18 -0.12	19.23 0.16 -0.54	17.21 0.09 -0.04	15.80 0.05 0.00	8.29 0.03 0.00	8.50 0.01 0.00	11.62 0.01 0.00	9.70 0.01 0.00	6.81 -0.01 0.00	5.55 -0.01 0.00	7.80 -0.01 -0.90	2.79 0.00 -2.04	5.99 0.02 -2.13	7.90 0.03 -4.21	10.39 0.07 -2.54	-0.17 -0.07 -8.21	6.90 0.03 -2.15	6.35 0.02 -1.76
FIBERTEK___ENERGY 23856	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.26 0.00	17.87 -0.24 -0.11	19.22 -0.26 -0.95	16.85 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.12 0.00	11.46 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.81	2.59 -0.01 -1.85	5.74 -0.04 -1.94	7.35 -0.04 -3.73	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.05 -1.95	6.10 -0.06 -1.59
FITZPATRICK____ 23598	18.02 -0.46 0.00	17.21 -0.44 0.00	17.20 -0.42 0.00	17.05 -0.44 0.00	17.05 -0.46 0.00	17.96 -0.73 0.00	17.36 -0.72 -0.08	17.84 -0.74 -0.05	16.41 -0.70 -0.03	15.11 -0.64 0.00	7.93 -0.33 0.00	8.16 -0.34 0.00	11.16 -0.45 0.00	9.33 -0.37 0.00	6.54 -0.27 0.00	5.34 -0.22 0.00	7.20 -0.28 -0.57	2.01 -0.03 -1.29	5.05 -0.14 -1.35	6.19 -0.14 -2.67	9.11 -0.28 -1.61	-2.82 0.30 -5.20	5.90 -0.18 -1.36	5.51 -0.17 -1.11
FLOWRFLD_69_KV_BK1 356044	20.21 1.73 0.00	22.85 1.75 -3.45	21.07 1.72 -1.73	59.68 1.72 -40.48	71.26 1.70 -52.06	22.42 1.95 -1.78	20.86 1.94 -0.92	21.37 2.05 -0.79	19.27 1.84 -0.35	17.48 1.73 0.00	27.67 0.85 -18.56	31.17 0.88 -21.79	12.75 1.14 0.00	10.65 0.96 0.00	7.70 0.74 -0.15	27.76 0.59 -21.60	17.29 0.75 -9.62	71.47 0.07 -70.66	39.85 0.39 -35.61	41.55 0.38 -37.51	34.02 0.77 -25.47	69.39 -0.78 -78.48	22.42 0.49 -17.21	37.05 0.46 -32.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.82 1.34 0.00	18.93 1.28 0.00	18.89 1.27 0.00	18.75 1.27 0.00	18.75 1.25 0.00	20.00 1.31 0.00	20.22 1.30 -0.92	20.72 1.41 -0.78	18.75 1.32 -0.35	16.95 1.20 0.00	8.86 0.60 0.00	9.11 0.61 0.00	12.49 0.88 0.00	10.40 0.70 0.00	7.32 0.51 0.00	5.98 0.42 0.00	14.38 0.54 -6.93	16.97 0.04 -16.18	21.18 0.28 -17.06	38.01 0.27 -34.07	28.59 0.55 -20.26	56.74 -0.55 -65.59	22.18 0.33 -17.13	18.94 0.32 -14.05
FORT ORANGE____ 23900	18.86 0.37 0.00	18.04 0.39 0.00	17.94 0.31 0.00	17.80 0.32 0.00	17.84 0.33 0.00	19.04 0.35 0.00	19.60 0.33 -1.27	19.77 0.33 -0.91	17.86 0.30 -0.48	16.00 0.25 0.00	8.35 0.09 0.00	8.60 0.11 0.00	11.81 0.20 0.00	9.83 0.14 0.00	6.91 0.10 0.00	5.65 0.09 0.00	16.56 0.12 -9.53	22.00 0.01 -21.24	25.98 0.08 -22.06	47.31 0.08 -43.57	34.15 0.15 -26.22	76.44 -0.14 -84.89	26.99 0.08 -22.18	22.83 0.09 -18.17
FORT_DRUM_COGEN 23780	18.29 -0.19 0.00	17.45 -0.20 0.00	17.50 -0.13 0.00	17.35 -0.13 0.00	17.35 -0.15 0.00	18.39 -0.30 0.00	17.74 -0.32 -0.06	18.22 -0.47 -0.16	16.45 -0.66 -0.02	15.02 -0.72 0.00	7.83 -0.43 0.00	8.04 -0.46 0.00	10.95 -0.66 0.00	9.16 -0.53 0.00	6.44 -0.38 0.00	5.22 -0.34 0.00	6.92 -0.41 -0.43	1.69 -0.03 -0.97	4.69 -0.18 -1.02	5.49 -0.13 -1.95	8.77 -0.23 -1.22	-3.99 0.39 -3.93	5.51 -0.24 -1.03	5.11 -0.27 -0.82
FPL_FAR_ROCK_GT1 24212	20.20 1.72 0.00	22.41 1.69 -3.07	20.82 1.66 -1.54	55.99 1.66 -36.84	57.89 1.64 -38.75	22.03 1.75 -1.59	20.64 1.72 -0.92	21.02 1.83 -0.66	19.09 1.66 -0.35	17.33 1.58 0.00	27.65 0.82 -18.56	31.09 0.81 -21.79	12.75 1.14 0.00	10.61 0.91 0.00	7.66 0.70 -0.15	27.74 0.58 -21.60	17.26 0.72 -9.63	71.49 0.06 -70.68	39.82 0.36 -35.62	41.72 0.36 -37.70	33.98 0.72 -25.47	69.46 -0.71 -78.48	22.38 0.44 -17.22	37.12 0.43 -32.12
FPL_FAR_ROCK_GT2 23815	20.20 1.72 0.00	22.41 1.69 -3.07	20.82 1.66 -1.54	55.99 1.66 -36.84	57.89 1.64 -38.75	22.03 1.75 -1.59	20.64 1.72 -0.92	21.02 1.83 -0.66	19.09 1.66 -0.35	17.33 1.58 0.00	27.65 0.82 -18.56	31.09 0.81 -21.79	12.75 1.14 0.00	10.61 0.91 0.00	7.66 0.70 -0.15	27.74 0.58 -21.60	17.26 0.72 -9.63	71.49 0.06 -70.68	39.82 0.36 -35.62	41.72 0.36 -37.70	33.98 0.72 -25.47	69.46 -0.71 -78.48	22.38 0.44 -17.22	37.12 0.43 -32.12
FRANKLIN_FALL_HYD 24054	18.46 -0.02 0.00	17.54 -0.11 0.00	17.51 -0.12 0.00	17.36 -0.12 0.00	17.38 -0.12 0.00	18.63 -0.06 0.00	18.04 0.03 -0.01	18.60 0.04 -0.03	17.17 0.08 0.00	15.81 0.06 0.00	8.26 0.00 0.00	8.43 -0.06 0.00	11.38 -0.23 0.00	9.47 -0.23 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	6.84 -0.14 -0.07	0.91 -0.01 -0.17	3.97 -0.05 -0.18	4.01 -0.03 -0.38	7.88 -0.11 -0.21	-7.55 0.09 -0.67	4.77 -0.13 -0.17	4.55 -0.15 -0.13
FREEPORT_EQUS_GT1 23764	20.10 1.61 0.00	22.46 1.58 -3.23	20.79 1.54 -1.62	57.44 1.56 -38.39	59.22 1.56 -40.17	22.02 1.66 -1.67	20.57 1.65 -0.92	20.96 1.77 -0.66	19.03 1.60 -0.35	17.27 1.52 0.00	27.60 0.77 -18.56	31.09 0.80 -21.79	12.68 1.06 0.00	10.56 0.87 0.00	7.63 0.67 -0.15	27.71 0.55 -21.60	17.22 0.67 -9.63	71.48 0.05 -70.68	39.79 0.32 -35.62	41.68 0.32 -37.70	33.90 0.64 -25.47	69.50 -0.67 -78.48	22.37 0.42 -17.22	37.11 0.41 -32.12
FREEPORT___CT2 23818	20.10 1.61 0.00	22.46 1.58 -3.23	20.79 1.54 -1.62	57.44 1.56 -38.39	59.22 1.56 -40.17	22.02 1.66 -1.67	20.57 1.65 -0.92	20.96 1.77 -0.66	19.03 1.60 -0.35	17.27 1.52 0.00	27.60 0.77 -18.56	31.09 0.80 -21.79	12.68 1.06 0.00	10.56 0.87 0.00	7.63 0.67 -0.15	27.71 0.55 -21.60	17.22 0.67 -9.63	71.48 0.05 -70.68	39.79 0.32 -35.62	41.68 0.32 -37.70	33.90 0.64 -25.47	69.50 -0.67 -78.48	22.37 0.42 -17.22	37.11 0.41 -32.12
FRESHKLS_33_KV_LOAD 356253	19.78 1.30 0.00	18.88 1.23 0.00	18.84 1.22 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.29 0.00	20.20 1.28 -0.92	20.77 1.46 -0.78	18.77 1.34 -0.35	16.98 1.23 0.00	8.88 0.62 0.00	9.12 0.62 0.00	12.51 0.90 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.98 0.42 0.00	14.36 0.53 -6.92	16.96 0.05 -16.16	21.18 0.27 -17.07	37.48 0.27 -33.54	28.59 0.51 -20.30	56.95 -0.46 -65.72	22.22 0.34 -17.16	18.86 0.34 -13.95
FULTON COGEN____ 23766	18.21 -0.28 0.00	17.38 -0.27 0.00	17.36 -0.26 0.00	17.22 -0.27 0.00	17.21 -0.29 0.00	18.14 -0.55 0.00	17.54 -0.55 -0.09	18.21 -0.57 -0.26	16.56 -0.56 -0.03	15.23 -0.52 0.00	8.00 -0.26 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.41 -0.29 0.00	6.59 -0.22 0.00	5.38 -0.18 0.00	7.36 -0.23 -0.68	2.27 -0.02 -1.54	5.35 -0.11 -1.62	6.62 -0.10 -3.05	9.50 -0.20 -1.93	-1.85 0.22 -6.24	6.21 -0.14 -1.63	5.74 -0.14 -1.31



FULTON___LFGE 323630	20.29 1.80 0.00	19.36 1.70 0.00	19.31 1.69 0.00	19.11 1.63 0.00	19.07 1.57 0.00	20.32 1.62 0.00	20.96 1.44 -1.52	20.88 1.26 -1.10	18.71 1.05 -0.58	16.53 0.79 0.00	8.57 0.30 0.00	8.96 0.46 0.00	12.15 0.54 0.00	10.23 0.53 0.00	7.14 0.33 0.00	6.01 0.44 0.00	18.83 0.47 -11.45	26.44 0.06 -25.64	30.82 0.31 -26.66	56.67 0.34 -52.66	40.19 0.72 -31.69	93.58 -0.72 -102.61	31.95 0.41 -26.81	26.93 0.39 -21.96
G.F.CEMENT___DRP 24184	19.34 0.85 0.00	18.46 0.81 0.00	18.34 0.71 0.00	18.21 0.73 0.00	18.27 0.77 0.00	19.54 0.85 0.00	20.17 0.83 -1.34	20.40 0.80 -1.07	18.27 0.68 -0.51	16.29 0.54 0.00	8.47 0.21 0.00	8.76 0.27 0.00	12.05 0.43 0.00	10.07 0.37 0.00	7.07 0.26 0.00	5.77 0.22 0.00	17.30 0.32 -10.07	23.27 0.04 -22.48	27.39 0.21 -23.33	50.16 0.19 -46.30	35.92 0.42 -27.72	81.04 -0.42 -89.77	28.41 0.22 -23.46	24.10 0.20 -19.33
GARDENVILLE___LBMP 24039	18.09 -0.40 0.00	17.27 -0.38 0.00	17.33 -0.29 0.00	17.11 -0.37 0.00	17.09 -0.42 0.00	17.97 -0.72 0.00	17.36 -0.80 -0.16	16.53 -0.88 1.12	16.40 -0.74 -0.06	15.23 -0.51 0.00	8.10 -0.16 0.00	8.32 -0.17 0.00	11.39 -0.22 0.00	9.54 -0.15 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.93 -0.20 -1.22	3.51 -0.01 -2.77	6.62 -0.12 -2.90	9.21 -0.14 -5.69	10.97 -0.27 -3.45	3.04 0.19 -11.17	7.47 -0.18 -2.92	6.83 -0.14 -2.40
GARDNVLA_35_KV_LD 355827	18.14 -0.34 0.00	17.32 -0.33 0.00	17.38 -0.24 0.00	17.16 -0.32 0.00	17.14 -0.36 0.00	18.03 -0.66 0.00	17.41 -0.75 -0.16	16.62 -0.83 1.08	16.45 -0.69 -0.06	15.28 -0.47 0.00	8.13 -0.14 0.00	8.35 -0.14 0.00	11.43 -0.18 0.00	9.58 -0.12 0.00	6.67 -0.15 0.00	5.45 -0.11 0.00	7.97 -0.17 -1.23	3.53 -0.01 -2.80	6.67 -0.11 -2.93	9.24 -0.13 -5.70	11.03 -0.23 -3.48	3.12 0.15 -11.28	7.52 -0.16 -2.95	6.84 -0.13 -2.40
GELCKHM___115KV_LOAD 80723	18.34 -0.15 0.00	17.51 -0.14 0.00	17.50 -0.12 0.00	17.35 -0.13 0.00	17.35 -0.15 0.00	18.30 -0.39 0.00	17.72 -0.39 -0.10	18.68 -0.40 -0.56	16.72 -0.40 -0.04	15.39 -0.36 0.00	8.08 -0.18 0.00	8.31 -0.18 0.00	11.38 -0.24 0.00	9.51 -0.19 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	7.50 -0.15 -0.74	2.42 -0.01 -1.69	5.54 -0.07 -1.76	6.93 -0.07 -3.33	9.76 -0.13 -2.11	-1.35 0.13 -6.83	6.41 -0.09 -1.78	5.91 -0.09 -1.43
GENERAL___MILLS 23808	18.12 -0.36 0.00	17.30 -0.35 0.00	17.36 -0.26 0.00	17.14 -0.34 0.00	17.12 -0.38 0.00	18.01 -0.68 0.00	17.40 -0.77 -0.16	16.59 -0.85 1.09	16.43 -0.71 -0.06	15.26 -0.49 0.00	8.12 -0.15 0.00	8.34 -0.15 0.00	11.41 -0.20 0.00	9.57 -0.13 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	7.95 -0.19 -1.23	3.53 -0.01 -2.79	6.65 -0.11 -2.92	9.24 -0.13 -5.70	11.01 -0.25 -3.47	3.10 0.17 -11.25	7.50 -0.17 -2.94	6.84 -0.13 -2.39
GE_PLASTICS___DRP 24183	18.87 0.39 0.00	18.05 0.39 0.00	17.96 0.33 0.00	17.83 0.35 0.00	17.86 0.36 0.00	19.06 0.37 0.00	19.62 0.35 -1.27	19.90 0.35 -1.02	17.90 0.34 -0.48	16.04 0.29 0.00	8.38 0.12 0.00	8.63 0.14 0.00	11.84 0.23 0.00	9.87 0.17 0.00	6.93 0.12 0.00	5.66 0.10 0.00	16.61 0.14 -9.56	22.08 0.01 -21.32	26.04 0.08 -22.12	47.79 0.08 -44.05	34.20 0.15 -26.27	76.60 -0.15 -85.06	27.03 0.09 -22.22	22.77 0.09 -18.11
GILBOA___1 23756	19.04 0.56 0.00	18.20 0.55 0.00	18.15 0.53 0.00	18.01 0.53 0.00	18.03 0.53 0.00	19.21 0.51 0.00	19.48 0.51 -0.97	19.77 0.54 -0.70	17.96 0.51 -0.37	16.21 0.46 0.00	8.48 0.21 0.00	8.72 0.23 0.00	11.96 0.34 0.00	9.96 0.27 0.00	7.00 0.19 0.00	5.72 0.16 0.00	14.43 0.20 -7.31	17.23 0.02 -16.46	21.11 0.11 -17.15	37.65 0.11 -33.88	28.38 0.22 -20.39	57.49 -0.21 -66.01	22.10 0.13 -17.24	18.83 0.13 -14.13
GILBOA___2 23757	19.04 0.56 0.00	18.20 0.55 0.00	18.15 0.53 0.00	18.01 0.53 0.00	18.03 0.53 0.00	19.21 0.51 0.00	19.48 0.51 -0.97	19.77 0.54 -0.70	17.96 0.51 -0.37	16.21 0.46 0.00	8.48 0.21 0.00	8.72 0.23 0.00	11.96 0.34 0.00	9.96 0.27 0.00	7.00 0.19 0.00	5.72 0.16 0.00	14.43 0.20 -7.31	17.23 0.02 -16.46	21.11 0.11 -17.15	37.65 0.11 -33.88	28.38 0.22 -20.39	57.49 -0.21 -66.01	22.10 0.13 -17.24	18.83 0.13 -14.13
GILBOA___3 23758	19.04 0.56 0.00	18.20 0.55 0.00	18.15 0.53 0.00	18.01 0.53 0.00	18.03 0.53 0.00	19.21 0.51 0.00	19.48 0.51 -0.97	19.77 0.54 -0.70	17.96 0.51 -0.37	16.21 0.46 0.00	8.48 0.21 0.00	8.72 0.23 0.00	11.96 0.34 0.00	9.96 0.27 0.00	7.00 0.19 0.00	5.72 0.16 0.00	14.43 0.20 -7.31	17.23 0.02 -16.46	21.11 0.11 -17.15	37.65 0.11 -33.88	28.38 0.22 -20.39	57.49 -0.21 -66.01	22.10 0.13 -17.24	18.83 0.13 -14.13
GILBOA___4 23759	19.04 0.56 0.00	18.20 0.55 0.00	18.15 0.53 0.00	18.01 0.53 0.00	18.03 0.53 0.00	19.21 0.51 0.00	19.48 0.51 -0.97	19.77 0.54 -0.70	17.96 0.51 -0.37	16.21 0.46 0.00	8.48 0.21 0.00	8.72 0.23 0.00	11.96 0.34 0.00	9.96 0.27 0.00	7.00 0.19 0.00	5.72 0.16 0.00	14.43 0.20 -7.31	17.23 0.02 -16.46	21.11 0.11 -17.15	37.65 0.11 -33.88	28.38 0.22 -20.39	57.49 -0.21 -66.01	22.10 0.13 -17.24	18.83 0.13 -14.13
GILBOA___ 23599	19.04 0.56 0.00	18.20 0.55 0.00	18.15 0.53 0.00	18.01 0.53 0.00	18.03 0.53 0.00	19.21 0.51 0.00	19.48 0.51 -0.97	19.91 0.54 -0.84	17.96 0.51 -0.37	16.21 0.46 0.00	8.47 0.21 0.00	8.72 0.23 0.00	11.96 0.34 0.00	9.97 0.27 0.00	7.00 0.19 0.00	5.72 0.16 0.00	14.42 0.20 -7.31	17.23 0.02 -16.46	21.11 0.11 -17.15	37.62 0.11 -33.85	28.38 0.22 -20.39	57.49 -0.21 -66.01	22.10 0.13 -17.24	18.80 0.13 -14.10
GINNA___ 23603	17.36 -1.12 0.00	16.57 -1.09 0.00	16.58 -1.04 0.00	16.41 -1.07 0.00	16.40 -1.11 0.00	17.29 -1.40 0.00	16.63 -1.49 -0.12	13.78 -1.51 3.24	15.75 -1.38 -0.05	14.52 -1.23 0.00	7.66 -0.60 0.00	7.88 -0.62 0.00	10.78 -0.83 0.00	9.05 -0.65 0.00	6.32 -0.49 0.00	5.16 -0.40 0.00	7.32 -0.50 -0.92	2.78 -0.05 -2.08	5.75 -0.27 -2.17	7.70 -0.26 -4.29	9.85 -0.52 -2.58	0.58 0.51 -8.37	6.57 -0.34 -2.19	6.05 -0.31 -1.79
GLEN PARK___ 23778	18.34 -0.15 0.00	17.49 -0.16 0.00	17.53 -0.09 0.00	17.39 -0.09 0.00	17.40 -0.10 0.00	18.42 -0.27 0.00	17.79 -0.28 -0.06	18.11 -0.46 -0.04	16.43 -0.67 -0.02	14.99 -0.76 0.00	7.81 -0.45 0.00	8.03 -0.47 0.00	10.93 -0.68 0.00	9.15 -0.55 0.00	6.42 -0.39 0.00	5.21 -0.35 0.00	6.93 -0.42 -0.45	1.73 -0.03 -1.01	4.72 -0.18 -1.06	5.62 -0.13 -2.09	8.84 -0.20 -1.26	-3.87 0.37 -4.07	5.56 -0.22 -1.06	5.19 -0.25 -0.87
GLENDALE_27_KV_LOAD 356172	19.83 1.34 0.00	18.92 1.27 0.00	18.87 1.25 0.00	18.75 1.27 0.00	18.74 1.24 0.00	20.01 1.31 0.00	20.22 1.30 -0.92	20.79 1.47 -0.78	18.86 1.43 -0.35	17.09 1.34 0.00	8.95 0.69 0.00	9.20 0.71 0.00	12.63 1.02 0.00	10.50 0.80 0.00	7.39 0.58 0.00	6.04 0.48 0.00	14.42 0.59 -6.92	16.96 0.04 -16.16	21.19 0.28 -17.07	37.49 0.28 -33.54	28.62 0.55 -20.30	56.89 -0.52 -65.72	22.23 0.35 -17.16	18.87 0.35 -13.95

GLENWOOD_IC_1_G5 23712	19.95 1.46 0.00	22.04 1.41 -2.98	20.50 1.38 -1.49	54.77 1.39 -35.89	91.63 1.37 -72.76	21.74 1.51 -1.54	20.41 1.49 -0.92	20.93 1.61 -0.79	18.94 1.51 -0.35	17.16 1.41 0.00	27.55 0.73 -18.56	31.04 0.75 -21.79	12.64 1.03 0.00	10.53 0.83 0.00	7.59 0.62 -0.15	27.68 0.51 -21.60	17.17 0.64 -9.62	71.45 0.05 -70.66	39.75 0.30 -35.61	41.47 0.30 -37.51	33.85 0.59 -25.47	69.59 -0.58 -78.48	22.31 0.38 -17.21	36.95 0.37 -32.01
GLENWOOD_IC_2_G1 23688	19.86 1.37 0.00	19.22 1.32 -0.25	19.04 1.29 -0.13	28.33 1.30 -9.54	32.60 1.29 -13.81	20.21 1.39 -0.13	20.31 1.39 -0.92	20.70 1.51 -0.66	18.84 1.41 -0.35	17.08 1.33 0.00	27.51 0.68 -18.56	30.99 0.71 -21.79	12.59 0.97 0.00	10.48 0.78 0.00	7.54 0.58 -0.15	27.64 0.48 -21.60	17.14 0.60 -9.63	71.48 0.05 -70.68	39.75 0.29 -35.62	41.65 0.29 -37.70	33.82 0.57 -25.47	69.61 -0.56 -78.48	22.30 0.35 -17.22	37.04 0.35 -32.12
GLENWOOD_IC_3_G1 23689	19.86 1.37 0.00	19.22 1.32 -0.25	19.04 1.29 -0.13	28.33 1.30 -9.54	32.60 1.29 -13.81	20.21 1.39 -0.13	20.31 1.39 -0.92	20.70 1.51 -0.66	18.84 1.41 -0.35	17.08 1.33 0.00	27.51 0.68 -18.56	30.99 0.71 -21.79	12.59 0.97 0.00	10.48 0.78 0.00	7.54 0.58 -0.15	27.64 0.48 -21.60	17.14 0.60 -9.63	71.48 0.05 -70.68	39.75 0.29 -35.62	41.65 0.29 -37.70	33.82 0.57 -25.47	69.61 -0.56 -78.48	22.30 0.35 -17.22	37.04 0.35 -32.12
GLENWOOD___4 23550	19.95 1.46 0.00	22.04 1.41 -2.98	20.50 1.38 -1.49	54.77 1.39 -35.89	91.63 1.37 -72.76	21.74 1.51 -1.54	20.41 1.49 -0.92	20.93 1.61 -0.79	18.94 1.51 -0.35	17.16 1.41 0.00	27.55 0.73 -18.56	31.04 0.75 -21.79	12.64 1.03 0.00	10.53 0.83 0.00	7.59 0.62 -0.15	27.68 0.51 -21.60	17.17 0.64 -9.62	71.45 0.05 -70.66	39.76 0.31 -35.61	41.47 0.30 -37.51	33.86 0.60 -25.47	69.58 -0.59 -78.48	22.31 0.38 -17.21	36.95 0.37 -32.01
GLENWOOD___5 23614	19.95 1.46 0.00	22.04 1.41 -2.98	20.50 1.38 -1.49	54.77 1.39 -35.89	91.63 1.37 -72.76	21.74 1.51 -1.54	20.41 1.49 -0.92	20.93 1.61 -0.79	18.94 1.51 -0.35	17.16 1.41 0.00	27.55 0.73 -18.56	31.04 0.75 -21.79	12.64 1.03 0.00	10.53 0.83 0.00	7.59 0.62 -0.15	27.68 0.51 -21.60	17.17 0.64 -9.62	71.45 0.05 -70.66	39.76 0.31 -35.61	41.47 0.30 -37.51	33.86 0.60 -25.47	69.58 -0.59 -78.48	22.31 0.38 -17.21	36.95 0.37 -32.01
GLOBAL GREEN_PORT_GT1 23814	20.66 2.18 0.00	23.34 2.23 -3.45	21.57 2.21 -1.73	60.23 2.24 -40.51	61.87 2.27 -42.10	22.95 2.48 -1.78	21.41 2.49 -0.92	21.81 2.61 -0.66	19.75 2.32 -0.35	17.95 2.20 0.00	27.90 1.08 -18.56	31.42 1.13 -21.79	13.05 1.43 0.00	10.89 1.19 0.00	7.87 0.91 -0.15	27.88 0.72 -21.60	17.47 0.93 -9.63	71.52 0.09 -70.68	39.96 0.50 -35.62	41.84 0.48 -37.70	34.26 1.00 -25.47	69.15 -1.02 -78.48	22.57 0.62 -17.22	37.31 0.62 -32.12
GLOBE___DSASP 323697	17.39 -1.09 0.00	16.60 -1.05 0.00	16.67 -0.95 0.00	16.46 -1.03 0.00	16.44 -1.07 0.00	17.28 -1.42 0.00	16.64 -1.51 -0.15	15.63 -1.67 1.23	15.70 -1.44 -0.06	14.62 -1.13 0.00	7.78 -0.48 0.00	8.01 -0.49 0.00	10.95 -0.67 0.00	9.18 -0.51 0.00	6.40 -0.41 0.00	5.23 -0.33 0.00	7.59 -0.46 -1.14	3.30 -0.04 -2.59	6.26 -0.29 -2.71	8.70 -0.29 -5.33	10.40 -0.61 -3.22	2.68 0.55 -10.44	7.09 -0.37 -2.73	6.47 -0.34 -2.23
GOETHSLN___LBMP 323567	19.60 1.11 0.00	18.72 1.07 0.00	18.69 1.06 0.00	18.58 1.09 0.00	18.56 1.06 0.00	19.79 1.10 0.00	20.02 1.10 -0.92	20.59 1.28 -0.78	18.68 1.25 -0.35	16.92 1.17 0.00	8.86 0.60 0.00	9.10 0.61 0.00	12.50 0.88 0.00	10.37 0.67 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.51 -6.91	16.93 0.04 -16.15	21.13 0.23 -17.05	37.41 0.24 -33.51	28.51 0.45 -20.28	56.92 -0.43 -65.65	22.16 0.29 -17.14	18.81 0.29 -13.94
GOLAH___69_KV_TB 1_2 80279	18.21 -0.27 0.00	17.37 -0.28 0.00	17.40 -0.23 0.00	17.21 -0.28 0.00	17.20 -0.30 0.00	18.16 -0.53 0.00	17.54 -0.59 -0.13	15.96 -0.67 1.90	16.50 -0.63 -0.05	15.24 -0.51 0.00	8.05 -0.22 0.00	8.27 -0.22 0.00	11.31 -0.30 0.00	9.48 -0.21 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.65 -0.21 -0.95	2.90 -0.01 -2.17	6.01 -0.10 -2.26	8.05 -0.10 -4.48	10.31 -0.16 -2.69	0.51 0.11 -8.71	6.88 -0.12 -2.28	6.35 -0.11 -1.89
GOODYEAR_LAKE_HYD 323669	19.38 0.90 0.00	18.49 0.84 0.00	18.49 0.86 0.00	18.34 0.86 0.00	18.35 0.85 0.00	19.51 0.82 0.00	18.99 0.81 -0.18	19.84 0.85 -0.46	17.92 0.78 -0.07	16.45 0.70 0.00	8.62 0.36 0.00	8.86 0.36 0.00	12.11 0.49 0.00	10.11 0.41 0.00	7.09 0.28 0.00	5.80 0.24 0.00	8.54 0.28 -1.35	3.82 0.03 -3.04	7.19 0.17 -3.17	10.15 0.17 -6.32	11.91 0.36 -3.76	3.52 -0.36 -12.19	8.18 0.21 -3.24	7.86 0.20 -3.09
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.84 0.35 0.00	18.00 0.35 0.00	18.01 0.39 0.00	17.87 0.38 0.00	17.85 0.35 0.00	18.90 0.20 0.00	18.51 0.21 -0.29	19.73 0.25 -0.95	17.40 0.21 -0.11	15.94 0.19 0.00	8.38 0.12 0.00	8.62 0.12 0.00	11.80 0.18 0.00	9.87 0.17 0.00	6.90 0.09 0.00	5.64 0.08 0.00	9.21 0.08 -2.22	5.81 0.01 -5.06	9.16 0.04 -5.27	14.57 0.04 -10.87	14.13 0.10 -6.24	11.78 -0.12 -20.21	10.09 0.07 -5.29	8.99 0.06 -4.36
GOUDEY___7 23579	18.85 0.36 0.00	18.01 0.36 0.00	18.02 0.40 0.00	17.88 0.39 0.00	17.87 0.36 0.00	18.91 0.22 0.00	18.52 0.22 -0.29	19.74 0.26 -0.95	17.41 0.22 -0.11	15.95 0.21 0.00	8.39 0.13 0.00	8.62 0.13 0.00	11.80 0.19 0.00	9.88 0.18 0.00	6.91 0.09 0.00	5.64 0.09 0.00	9.21 0.08 -2.22	5.81 0.01 -5.06	9.16 0.05 -5.27	14.58 0.05 -10.87	14.13 0.11 -6.24	11.78 -0.13 -20.21	10.09 0.07 -5.29	8.99 0.06 -4.36
GOUDEY___8 23580	18.84 0.35 0.00	18.00 0.35 0.00	18.01 0.39 0.00	17.87 0.38 0.00	17.85 0.35 0.00	18.90 0.20 0.00	18.51 0.21 -0.29	19.73 0.25 -0.95	17.40 0.21 -0.11	15.94 0.19 0.00	8.38 0.12 0.00	8.62 0.12 0.00	11.80 0.18 0.00	9.87 0.17 0.00	6.90 0.09 0.00	5.64 0.08 0.00	9.21 0.08 -2.22	5.81 0.01 -5.06	9.16 0.04 -5.27	14.57 0.04 -10.87	14.13 0.10 -6.24	11.78 -0.12 -20.21	10.09 0.07 -5.29	8.99 0.06 -4.36
GOWANUS_GT1_1 24077	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT1_2 24078	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05

GOWANUS_GT1_3 24079	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT1_4 24080	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT1_5 24084	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT1_6 24111	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT1_7 24112	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT1_8 24113	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_1 24114	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_2 24115	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_3 24116	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_4 24117	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_5 24118	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_6 24119	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_7 24120	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT2_8 24121	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_1 24122	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05

GOWANUS_GT3_2 24123	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_3 24124	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_4 24125	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_5 24126	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_6 24127	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_7 24128	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT3_8 24129	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_1 24130	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_2 24131	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_3 24132	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_4 24133	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_5 24134	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_6 24135	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_7 24136	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
GOWANUS_GT4_8 24137	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05

GREENBSH_115KV_TB3 55895	18.76 0.28 0.00	17.95 0.30 0.00	17.85 0.23 0.00	17.72 0.23 0.00	17.75 0.25 0.00	18.95 0.25 0.00	19.52 0.24 -1.28	19.79 0.24 -1.02	17.81 0.24 -0.49	15.96 0.21 0.00	8.33 0.07 0.00	8.58 0.09 0.00	11.79 0.17 0.00	9.81 0.11 0.00	6.90 0.09 0.00	5.63 0.07 0.00	16.63 0.10 -9.62	22.18 0.01 -21.42	26.12 0.06 -22.22	47.94 0.06 -44.22	34.27 0.10 -26.39	77.04 -0.09 -85.44	27.10 0.06 -22.31	22.79 0.06 -18.16
GREENDGE_115KV_TB5 80291	18.71 0.23 0.00	17.87 0.22 0.00	17.90 0.28 0.00	17.74 0.26 0.00	17.74 0.23 0.00	18.70 0.01 0.00	18.19 0.00 -0.19	26.20 0.00 -7.67	17.10 -0.05 -0.07	15.70 -0.04 0.00	8.27 0.01 0.00	8.49 0.00 0.00	11.62 0.00 0.00	9.73 0.03 0.00	6.78 -0.03 0.00	5.55 -0.01 0.00	8.29 -0.04 -1.42	3.98 0.00 -3.22	7.22 0.00 -3.37	10.22 0.01 -6.55	11.84 0.04 -4.02	4.63 -0.07 -13.01	8.14 0.01 -3.40	7.35 0.01 -2.76
GREENIDGE___3 23582	18.71 0.23 0.00	17.87 0.22 0.00	17.90 0.28 0.00	17.74 0.26 0.00	17.74 0.23 0.00	18.70 0.01 0.00	18.19 0.00 -0.19	26.20 0.00 -7.67	17.10 -0.05 -0.07	15.70 -0.04 0.00	8.27 0.01 0.00	8.49 0.00 0.00	11.62 0.00 0.00	9.73 0.03 0.00	6.78 -0.03 0.00	5.55 -0.01 0.00	8.29 -0.04 -1.42	3.98 0.00 -3.22	7.22 0.00 -3.37	10.22 0.01 -6.55	11.84 0.04 -4.02	4.63 -0.07 -13.01	8.14 0.01 -3.40	7.35 0.01 -2.76
GREENIDGE___4 23583	18.71 0.23 0.00	17.88 0.22 0.00	17.90 0.28 0.00	17.74 0.25 0.00	17.71 0.21 0.00	18.72 0.03 0.00	18.19 0.00 -0.19	26.19 0.00 -7.67	17.12 -0.04 -0.07	15.71 -0.04 0.00	8.28 0.01 0.00	8.48 -0.01 0.00	11.61 0.00 0.00	9.73 0.03 0.00	6.78 -0.03 0.00	5.55 -0.01 0.00	8.30 -0.04 -1.42	3.99 0.00 -3.23	7.23 0.00 -3.38	10.35 0.01 -6.68	11.84 0.04 -4.02	4.63 -0.07 -13.01	8.14 0.01 -3.40	7.36 0.01 -2.79
GREENLWN_69_KV_BK 3 55738	20.03 1.54 0.00	22.63 1.54 -3.44	20.86 1.52 -1.72	59.38 1.53 -40.36	71.57 1.50 -52.57	22.12 1.66 -1.77	20.56 1.63 -0.92	21.06 1.75 -0.79	19.01 1.58 -0.35	17.25 1.50 0.00	27.58 0.75 -18.56	31.07 0.78 -21.79	12.64 1.03 0.00	10.53 0.83 0.00	7.61 0.65 -0.15	27.69 0.53 -21.60	17.20 0.67 -9.62	71.46 0.06 -70.66	39.79 0.34 -35.61	41.50 0.33 -37.51	33.92 0.67 -25.47	69.52 -0.65 -78.48	22.35 0.41 -17.21	36.99 0.40 -32.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.80 1.32 0.00	18.90 1.25 0.00	18.86 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.78 1.47 -0.78	18.84 1.41 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.41 0.58 -6.92	16.96 0.05 -16.16	21.19 0.28 -17.07	37.48 0.28 -33.54	28.61 0.54 -20.30	56.90 -0.51 -65.72	22.23 0.35 -17.16	18.87 0.34 -13.95
GRISSOM___SOLAR 323813	20.29 1.80 0.00	19.36 1.70 0.00	19.31 1.69 0.00	19.11 1.63 0.00	19.07 1.57 0.00	20.32 1.62 0.00	20.96 1.44 -1.52	20.88 1.26 -1.10	18.71 1.05 -0.58	16.53 0.79 0.00	8.57 0.30 0.00	8.96 0.46 0.00	12.15 0.54 0.00	10.23 0.53 0.00	7.14 0.33 0.00	6.01 0.44 0.00	18.83 0.47 -11.45	26.44 0.06 -25.64	30.82 0.31 -26.66	56.67 0.34 -52.66	40.19 0.72 -31.69	93.58 -0.72 -102.61	31.95 0.41 -26.81	26.93 0.39 -21.96
GROVEVILLE___HYD 323602	19.82 1.34 0.00	18.93 1.28 0.00	18.89 1.27 0.00	18.75 1.27 0.00	18.75 1.25 0.00	20.00 1.31 0.00	20.22 1.30 -0.92	20.72 1.41 -0.78	18.75 1.32 -0.35	16.95 1.20 0.00	8.86 0.60 0.00	9.11 0.61 0.00	12.49 0.88 0.00	10.40 0.70 0.00	7.32 0.51 0.00	5.98 0.42 0.00	14.38 0.54 -6.93	16.97 0.04 -16.18	21.18 0.28 -17.06	38.01 0.27 -34.07	28.59 0.55 -20.26	56.74 -0.55 -65.59	22.18 0.33 -17.13	18.94 0.32 -14.05
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.26 0.00	17.87 -0.24 -0.11	19.22 -0.26 -0.95	16.85 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.12 0.00	11.46 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.81	2.59 -0.01 -1.85	5.74 -0.04 -1.94	7.35 -0.04 -3.73	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.05 -1.95	6.10 -0.06 -1.59
HAMLTNNY_34_KV_TB 80303	18.50 0.01 0.00	17.64 -0.01 0.00	17.64 0.02 0.00	17.50 0.02 0.00	17.51 0.01 0.00	18.46 -0.23 0.00	17.92 -0.20 -0.12	19.45 -0.20 -1.12	16.91 -0.22 -0.04	15.54 -0.21 0.00	8.15 -0.11 0.00	8.38 -0.11 0.00	11.47 -0.14 0.00	9.61 -0.09 0.00	6.72 -0.09 0.00	5.49 -0.07 0.00	7.68 -0.09 -0.86	2.69 -0.01 -1.95	5.86 -0.03 -2.04	7.57 -0.03 -3.94	10.16 -0.05 -2.43	-0.38 0.05 -7.88	6.73 -0.05 -2.06	6.20 -0.05 -1.68
HAMPSHIRE___PAPER_HYD 323593	17.88 -0.61 0.00	17.04 -0.61 0.00	17.06 -0.56 0.00	16.93 -0.55 0.00	16.94 -0.56 0.00	18.04 -0.65 0.00	17.41 -0.62 -0.03	17.82 -0.73 -0.02	16.33 -0.77 -0.01	14.99 -0.76 0.00	7.84 -0.42 0.00	8.04 -0.45 0.00	10.94 -0.67 0.00	9.15 -0.55 0.00	6.43 -0.38 0.00	5.23 -0.33 0.00	6.73 -0.40 -0.22	1.22 -0.03 -0.51	4.19 -0.19 -0.53	4.55 -0.17 -1.05	8.07 -0.35 -0.63	-5.82 0.44 -2.04	5.00 -0.26 -0.53	4.73 -0.28 -0.44
HARDSCRABBLE_WT_PWR 323673	18.21 -0.28 0.00	17.40 -0.25 0.00	17.30 -0.33 0.00	17.18 -0.31 0.00	17.25 -0.25 0.00	18.34 -0.35 0.00	17.64 -0.36 0.00	18.15 -0.38 0.00	16.74 -0.34 0.00	15.37 -0.37 0.00	8.03 -0.23 0.00	8.26 -0.24 0.00	11.36 -0.26 0.00	9.43 -0.26 0.00	6.61 -0.19 0.00	5.41 -0.15 0.00	6.76 -0.15 0.00	0.73 -0.02 0.00	3.78 -0.07 0.00	3.60 -0.06 0.00	7.67 -0.12 0.00	-8.20 0.10 0.00	4.64 -0.08 0.00	4.50 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.65 1.16 0.00	18.77 1.11 0.00	18.74 1.12 0.00	18.60 1.11 0.00	18.60 1.09 0.00	19.80 1.11 0.00	19.94 1.10 -0.84	20.47 1.21 -0.73	18.53 1.13 -0.32	16.79 1.04 0.00	8.79 0.53 0.00	9.03 0.54 0.00	12.40 0.79 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	13.72 0.47 -6.34	15.57 0.04 -14.79	19.68 0.24 -15.60	34.70 0.23 -30.80	26.79 0.46 -18.54	51.27 -0.46 -60.04	20.69 0.29 -15.68	17.68 0.29 -12.82
HARSNRAD_115KV_TB1 81005	17.70 -0.78 0.00	16.89 -0.76 0.00	16.96 -0.66 0.00	16.73 -0.75 0.00	16.72 -0.79 0.00	17.58 -1.12 0.00	16.93 -1.22 -0.15	15.87 -1.32 1.34	15.97 -1.17 -0.06	14.85 -0.90 0.00	7.90 -0.36 0.00	8.12 -0.37 0.00	11.11 -0.51 0.00	9.32 -0.38 0.00	6.48 -0.33 0.00	5.30 -0.26 0.00	7.67 -0.36 -1.12	3.27 -0.02 -2.55	6.31 -0.20 -2.67	8.67 -0.22 -5.23	10.52 -0.44 -3.18	2.33 0.36 -10.28	7.13 -0.28 -2.69	6.54 -0.23 -2.20
HARZA MOOSE___RIVER 24016	18.59 0.10 0.00	17.73 0.08 0.00	17.73 0.11 0.00	17.59 0.11 0.00	17.61 0.10 0.00	18.70 0.01 0.00	18.03 -0.01 -0.03	18.56 -0.08 -0.12	16.92 -0.17 -0.01	15.53 -0.22 0.00	8.13 -0.13 0.00	8.33 -0.16 0.00	11.38 -0.23 0.00	9.50 -0.20 0.00	6.67 -0.14 0.00	5.43 -0.13 0.00	7.04 -0.15 -0.28	1.39 -0.01 -0.65	4.47 -0.05 -0.68	4.96 -0.04 -1.33	8.52 -0.07 -0.81	-5.55 0.15 -2.61	5.31 -0.09 -0.68	4.99 -0.11 -0.53

HDSNBRDG_115KV_BRDG_TB1 355580	18.35 -0.13 0.00	17.52 -0.13 0.00	17.51 -0.12 0.00	17.36 -0.12 0.00	17.36 -0.14 0.00	18.32 -0.37 0.00	17.73 -0.37 -0.10	18.50 -0.38 -0.36	16.74 -0.38 -0.04	15.41 -0.34 0.00	8.09 -0.17 0.00	8.32 -0.17 0.00	11.39 -0.22 0.00	9.52 -0.17 0.00	6.67 -0.14 0.00	5.45 -0.11 0.00	7.52 -0.14 -0.75	2.43 -0.01 -1.70	5.56 -0.07 -1.77	7.13 -0.06 -3.53	9.77 -0.12 -2.11	-1.36 0.12 -6.83	6.42 -0.08 -1.78	5.97 -0.08 -1.48
HELLGATE_13_KV_LD 55870	19.77 1.28 0.00	18.87 1.22 0.00	18.82 1.20 0.00	18.70 1.21 0.00	18.69 1.19 0.00	19.95 1.26 0.00	20.16 1.25 -0.92	20.72 1.41 -0.78	18.80 1.37 -0.35	17.03 1.28 0.00	8.92 0.66 0.00	9.17 0.67 0.00	12.58 0.97 0.00	10.45 0.76 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.39 0.56 -6.92	16.96 0.04 -16.16	21.18 0.27 -17.07	37.47 0.27 -33.54	28.59 0.51 -20.30	56.92 -0.49 -65.72	22.21 0.33 -17.16	18.85 0.33 -13.95
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.77 1.28 0.00	18.87 1.22 0.00	18.82 1.20 0.00	18.70 1.21 0.00	18.69 1.19 0.00	19.95 1.26 0.00	20.16 1.25 -0.92	20.72 1.41 -0.78	18.80 1.37 -0.35	17.03 1.28 0.00	8.92 0.66 0.00	9.17 0.67 0.00	12.58 0.97 0.00	10.45 0.76 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.39 0.56 -6.92	16.96 0.04 -16.16	21.18 0.27 -17.07	37.47 0.27 -33.54	28.59 0.51 -20.30	56.92 -0.49 -65.72	22.21 0.33 -17.16	18.85 0.33 -13.95
HEMPSTEAD____ 23647	19.96 1.47 0.00	22.22 1.44 -3.14	20.60 1.41 -1.57	56.35 1.42 -37.44	58.22 1.42 -39.30	21.84 1.53 -1.62	20.46 1.53 -0.92	20.84 1.65 -0.66	18.93 1.50 -0.35	17.17 1.43 0.00	27.55 0.72 -18.56	31.04 0.75 -21.79	12.62 1.00 0.00	10.51 0.82 0.00	7.59 0.63 -0.15	27.68 0.51 -21.60	17.18 0.64 -9.63	71.48 0.05 -70.68	39.77 0.31 -35.62	41.67 0.30 -37.70	33.86 0.61 -25.47	69.57 -0.60 -78.48	22.33 0.39 -17.22	37.07 0.38 -32.12
HEWLETT__69_KV_BK3 55828	20.13 1.64 0.00	22.34 1.62 -3.07	20.76 1.59 -1.54	55.92 1.60 -36.84	68.36 1.56 -49.29	21.97 1.69 -1.59	20.58 1.65 -0.92	21.07 1.76 -0.79	19.03 1.60 -0.35	17.27 1.53 0.00	27.62 0.80 -18.56	31.07 0.79 -21.79	12.71 1.09 0.00	10.57 0.87 0.00	7.63 0.67 -0.15	27.72 0.56 -21.60	17.23 0.69 -9.62	71.46 0.06 -70.66	39.80 0.34 -35.61	41.51 0.34 -37.51	33.95 0.69 -25.47	69.50 -0.68 -78.48	22.35 0.42 -17.21	37.00 0.41 -32.01
HICKLING___1 23621	18.98 0.50 0.00	18.14 0.49 0.00	18.19 0.57 0.00	18.04 0.55 0.00	18.02 0.51 0.00	19.06 0.37 0.00	18.61 0.38 -0.24	21.18 0.41 -2.24	17.51 0.34 -0.09	16.08 0.33 0.00	8.47 0.21 0.00	8.72 0.22 0.00	11.91 0.30 0.00	10.01 0.32 0.00	6.97 0.16 0.00	5.70 0.15 0.00	8.82 0.14 -1.77	4.79 0.02 -4.03	8.14 0.08 -4.21	11.93 0.07 -8.20	12.97 0.18 -5.02	7.72 -0.21 -16.24	9.09 0.12 -4.25	8.14 0.09 -3.48
HICKLING___2 23622	18.98 0.50 0.00	18.14 0.49 0.00	18.19 0.57 0.00	18.04 0.55 0.00	18.02 0.51 0.00	19.06 0.37 0.00	18.61 0.38 -0.24	21.18 0.41 -2.24	17.51 0.34 -0.09	16.08 0.33 0.00	8.47 0.21 0.00	8.72 0.22 0.00	11.91 0.30 0.00	10.01 0.32 0.00	6.97 0.16 0.00	5.70 0.15 0.00	8.82 0.14 -1.77	4.79 0.02 -4.03	8.14 0.08 -4.21	11.93 0.07 -8.20	12.97 0.18 -5.02	7.72 -0.21 -16.24	9.09 0.12 -4.25	8.14 0.09 -3.48
HIGH FALLS___HY 23754	20.28 1.80 0.00	19.35 1.71 0.00	19.34 1.71 0.00	19.19 1.71 0.00	19.17 1.67 0.00	20.38 1.69 0.00	20.60 1.69 -0.91	21.14 1.83 -0.78	19.09 1.67 -0.35	17.23 1.48 0.00	9.01 0.75 0.00	9.23 0.73 0.00	12.66 1.04 0.00	10.52 0.82 0.00	7.41 0.60 0.00	6.05 0.49 0.00	14.39 0.64 -6.84	16.57 0.06 -15.76	20.78 0.35 -16.58	36.51 0.36 -32.49	28.25 0.74 -19.72	54.82 -0.74 -63.87	21.83 0.44 -16.66	18.44 0.44 -13.43
HILLBURN___GT 23639	19.62 1.14 0.00	18.75 1.10 0.00	18.73 1.11 0.00	18.59 1.11 0.00	18.57 1.07 0.00	19.77 1.08 0.00	19.91 1.06 -0.86	20.32 1.18 -0.62	18.51 1.11 -0.33	16.80 1.05 0.00	8.80 0.54 0.00	9.04 0.54 0.00	12.41 0.80 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	13.84 0.46 -6.46	15.87 0.04 -15.09	19.98 0.23 -15.90	35.31 0.22 -31.42	27.13 0.44 -18.90	52.47 -0.43 -61.21	20.99 0.27 -15.99	17.95 0.27 -13.11
HILLSIDE_115KV_TB1 80332	18.75 0.27 0.00	17.94 0.28 0.00	17.99 0.36 0.00	17.85 0.36 0.00	17.82 0.31 0.00	18.81 0.12 0.00	18.40 0.15 -0.24	20.76 0.20 -2.03	17.33 0.16 -0.09	15.91 0.17 0.00	8.40 0.14 0.00	8.63 0.13 0.00	11.82 0.20 0.00	9.91 0.21 0.00	6.90 0.09 0.00	5.65 0.09 0.00	8.81 0.07 -1.83	4.90 0.01 -4.15	8.22 0.03 -4.34	12.03 0.02 -8.35	13.03 0.07 -5.18	8.36 -0.09 -16.76	9.18 0.07 -4.38	8.19 0.04 -3.57
HISHELDN_WT_PWR 323625	18.18 -0.30 0.00	17.37 -0.28 0.00	17.42 -0.20 0.00	17.21 -0.27 0.00	17.17 -0.34 0.00	18.12 -0.57 0.00	17.53 -0.65 -0.17	19.93 -0.70 -2.10	16.57 -0.58 -0.07	15.34 -0.41 0.00	8.13 -0.13 0.00	8.35 -0.14 0.00	11.44 -0.18 0.00	9.59 -0.11 0.00	6.68 -0.14 0.00	5.46 -0.10 0.00	8.05 -0.17 -1.31	3.70 -0.01 -2.97	6.85 -0.10 -3.10	9.68 -0.12 -6.13	11.25 -0.22 -3.69	3.79 0.16 -11.94	7.70 -0.15 -3.12	7.01 -0.12 -2.56
HOLTSVILLE_IC_1 23690	20.15 1.66 0.00	22.80 1.70 -3.45	21.03 1.68 -1.73	59.69 1.69 -40.52	61.31 1.70 -42.11	22.32 1.85 -1.78	20.79 1.87 -0.92	21.16 1.97 -0.66	19.18 1.75 -0.35	17.42 1.67 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.61 0.92 0.00	7.67 0.71 -0.15	27.73 0.57 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.98 0.73 -25.47	69.44 -0.73 -78.48	22.41 0.47 -17.22	37.15 0.46 -32.12
HOLTSVILLE_IC_10 23699	20.22 1.73 0.00	22.86 1.76 -3.45	21.09 1.74 -1.73	59.72 1.76 -40.47	61.35 1.78 -42.07	22.41 1.94 -1.78	20.89 1.97 -0.92	21.26 2.07 -0.66	19.28 1.85 -0.35	17.50 1.75 0.00	27.68 0.85 -18.56	31.19 0.91 -21.79	12.77 1.16 0.00	10.66 0.96 0.00	7.70 0.74 -0.15	27.76 0.59 -21.60	17.30 0.76 -9.63	71.50 0.07 -70.68	39.86 0.39 -35.62	41.74 0.38 -37.70	34.03 0.77 -25.47	69.39 -0.79 -78.48	22.44 0.49 -17.22	37.18 0.49 -32.12
HOLTSVILLE_IC_2 23691	20.15 1.66 0.00	22.80 1.70 -3.45	21.03 1.68 -1.73	59.69 1.69 -40.52	61.31 1.70 -42.11	22.32 1.85 -1.78	20.79 1.87 -0.92	21.16 1.97 -0.66	19.18 1.75 -0.35	17.42 1.67 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.61 0.92 0.00	7.67 0.71 -0.15	27.73 0.57 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.98 0.73 -25.47	69.44 -0.73 -78.48	22.41 0.47 -17.22	37.15 0.46 -32.12
HOLTSVILLE_IC_3 23692	20.15 1.66 0.00	22.80 1.70 -3.45	21.03 1.68 -1.73	59.69 1.69 -40.52	61.31 1.70 -42.11	22.32 1.85 -1.78	20.79 1.87 -0.92	21.16 1.97 -0.66	19.18 1.75 -0.35	17.42 1.67 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.61 0.92 0.00	7.67 0.71 -0.15	27.73 0.57 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.98 0.73 -25.47	69.44 -0.73 -78.48	22.41 0.47 -17.22	37.15 0.46 -32.12

HOLTSVILLE_IC_4 23693	20.15 1.66 0.00	22.80 1.70 -3.45	21.03 1.68 -1.73	59.69 1.69 -40.52	61.31 1.70 -42.11	22.32 1.85 -1.78	20.79 1.87 -0.92	21.16 1.97 -0.66	19.18 1.75 -0.35	17.42 1.67 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.61 0.92 0.00	7.67 0.71 -0.15	27.73 0.57 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.98 0.73 -25.47	69.44 -0.73 -78.48	22.41 0.47 -17.22	37.15 0.46 -32.12
HOLTSVILLE_IC_5 23694	20.15 1.66 0.00	22.80 1.70 -3.45	21.03 1.68 -1.73	59.69 1.69 -40.52	61.31 1.70 -42.11	22.32 1.85 -1.78	20.79 1.87 -0.92	21.16 1.97 -0.66	19.18 1.75 -0.35	17.42 1.67 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.61 0.92 0.00	7.67 0.71 -0.15	27.73 0.57 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.98 0.73 -25.47	69.44 -0.73 -78.48	22.41 0.47 -17.22	37.15 0.46 -32.12
HOLTSVILLE_IC_6 23695	20.22 1.73 0.00	22.86 1.76 -3.45	21.09 1.74 -1.73	59.72 1.76 -40.47	61.35 1.78 -42.07	22.41 1.94 -1.78	20.89 1.97 -0.92	21.26 2.07 -0.66	19.28 1.85 -0.35	17.50 1.75 0.00	27.68 0.85 -18.56	31.19 0.91 -21.79	12.77 1.16 0.00	10.66 0.96 0.00	7.70 0.74 -0.15	27.76 0.59 -21.60	17.30 0.76 -9.63	71.50 0.07 -70.68	39.86 0.39 -35.62	41.74 0.38 -37.70	34.03 0.77 -25.47	69.39 -0.79 -78.48	22.44 0.49 -17.22	37.18 0.49 -32.12
HOLTSVILLE_IC_7 23696	20.22 1.73 0.00	22.86 1.76 -3.45	21.09 1.74 -1.73	59.72 1.76 -40.47	61.35 1.78 -42.07	22.41 1.94 -1.78	20.89 1.97 -0.92	21.26 2.07 -0.66	19.28 1.85 -0.35	17.50 1.75 0.00	27.68 0.85 -18.56	31.19 0.91 -21.79	12.77 1.16 0.00	10.66 0.96 0.00	7.70 0.74 -0.15	27.76 0.59 -21.60	17.30 0.76 -9.63	71.50 0.07 -70.68	39.86 0.39 -35.62	41.74 0.38 -37.70	34.03 0.77 -25.47	69.39 -0.79 -78.48	22.44 0.49 -17.22	37.18 0.49 -32.12
HOLTSVILLE_IC_8 23697	20.22 1.73 0.00	22.86 1.76 -3.45	21.09 1.74 -1.73	59.72 1.76 -40.47	61.35 1.78 -42.07	22.41 1.94 -1.78	20.89 1.97 -0.92	21.26 2.07 -0.66	19.28 1.85 -0.35	17.50 1.75 0.00	27.68 0.85 -18.56	31.19 0.91 -21.79	12.77 1.16 0.00	10.66 0.96 0.00	7.70 0.74 -0.15	27.76 0.59 -21.60	17.30 0.76 -9.63	71.50 0.07 -70.68	39.86 0.39 -35.62	41.74 0.38 -37.70	34.03 0.77 -25.47	69.39 -0.79 -78.48	22.44 0.49 -17.22	37.18 0.49 -32.12
HOLTSVILLE_IC_9 23698	20.22 1.73 0.00	22.86 1.76 -3.45	21.09 1.74 -1.73	59.72 1.76 -40.47	61.35 1.78 -42.07	22.41 1.94 -1.78	20.89 1.97 -0.92	21.26 2.07 -0.66	19.28 1.85 -0.35	17.50 1.75 0.00	27.68 0.85 -18.56	31.19 0.91 -21.79	12.77 1.16 0.00	10.66 0.96 0.00	7.70 0.74 -0.15	27.76 0.59 -21.60	17.30 0.76 -9.63	71.50 0.07 -70.68	39.86 0.39 -35.62	41.74 0.38 -37.70	34.03 0.77 -25.47	69.39 -0.79 -78.48	22.44 0.49 -17.22	37.18 0.49 -32.12
HOMER_HL_115KV_TB2 355744	19.01 0.52 0.00	18.19 0.54 0.00	18.25 0.62 0.00	18.06 0.58 0.00	18.03 0.53 0.00	19.04 0.35 0.00	18.43 0.24 -0.18	18.90 0.29 -0.08	17.48 0.33 -0.07	16.20 0.45 0.00	8.58 0.32 0.00	8.81 0.32 0.00	12.11 0.50 0.00	10.11 0.41 0.00	7.03 0.22 0.00	5.72 0.16 0.00	8.44 0.14 -1.38	3.91 0.01 -3.15	7.17 0.04 -3.29	10.39 0.02 -6.70	11.75 0.07 -3.90	4.14 -0.17 -12.62	8.08 0.05 -3.30	7.37 0.08 -2.72
HOWARD_WT_PWR 323690	18.91 0.42 0.00	18.07 0.42 0.00	18.12 0.49 0.00	17.93 0.45 0.00	17.89 0.38 0.00	18.93 0.24 0.00	18.38 0.18 -0.20	21.16 0.18 -2.46	17.30 0.14 -0.08	15.91 0.16 0.00	8.41 0.15 0.00	8.61 0.12 0.00	11.79 0.18 0.00	9.88 0.18 0.00	6.88 0.07 0.00	5.63 0.07 0.00	8.46 0.04 -1.51	4.18 0.01 -3.42	7.45 0.03 -3.58	10.76 0.03 -7.06	12.12 0.08 -4.25	5.34 -0.12 -13.76	8.35 0.03 -3.60	7.55 0.04 -2.95
HQ_GEN_CEDARS 23644	18.24 -0.24 0.00	17.41 -0.24 0.00	17.40 -0.22 0.00	17.27 -0.22 0.00	17.28 -0.23 0.00	18.42 -0.28 0.00	17.75 -0.27 -0.01	18.25 -0.30 -0.03	16.80 -0.29 0.00	15.51 -0.24 0.00	8.16 -0.10 0.00	8.38 -0.12 0.00	11.40 -0.21 0.00	9.52 -0.17 0.00	6.69 -0.12 0.00	5.46 -0.10 0.00	6.85 -0.13 -0.07	0.89 -0.01 -0.16	3.94 -0.07 -0.16	3.97 -0.07 -0.37	7.83 -0.14 -0.19	-7.55 0.15 -0.61	4.79 -0.09 -0.16	4.60 -0.08 -0.11
HQ_GEN_CEDARS_PROXY 323590	18.24 -0.24 0.00	17.41 -0.24 0.00	17.40 -0.22 0.00	17.26 -0.22 0.00	17.26 -0.24 0.00	18.42 -0.27 0.00	17.74 -0.27 0.00	18.22 -0.31 0.00	16.79 -0.29 0.00	15.51 -0.24 0.00	8.16 -0.10 0.00	8.37 -0.12 0.00	11.40 -0.22 0.00	9.52 -0.17 0.00	6.69 -0.12 0.00	5.46 -0.10 0.00	6.78 -0.13 0.00	0.86 -0.01 -0.12	3.77 -0.07 0.00	3.60 -0.07 0.00	7.64 -0.14 0.00	-8.16 0.15 0.00	4.64 -0.09 0.00	4.48 -0.09 0.00
HQ_GEN_IMPORT 323601	18.31 -0.17 0.00	17.48 -0.18 0.00	17.46 -0.17 0.00	17.32 -0.16 0.00	17.33 -0.17 0.00	18.51 -0.19 0.00	17.82 -0.18 0.00	18.33 -0.19 0.00	16.90 -0.18 0.00	15.60 -0.15 0.00	8.20 -0.06 0.00	8.42 -0.07 0.00	11.48 -0.13 0.00	9.60 -0.10 0.00	6.75 -0.06 0.00	5.50 -0.05 0.00	6.84 -0.07 0.00	0.74 -0.01 0.00	3.80 -0.04 0.00	3.62 -0.04 0.00	7.69 -0.09 0.00	-8.22 0.09 0.00	4.68 -0.05 0.00	4.52 -0.05 0.00
HQ_GEN_WHEEL 23651	18.31 -0.17 0.00	17.48 -0.18 0.00	17.46 -0.17 0.00	17.32 -0.16 0.00	17.33 -0.17 0.00	18.51 -0.19 0.00	17.82 -0.18 0.00	18.33 -0.19 0.00	16.90 -0.18 0.00	15.60 -0.15 0.00	8.20 -0.06 0.00	8.42 -0.07 0.00	11.48 -0.13 0.00	9.60 -0.10 0.00	6.75 -0.06 0.00	5.50 -0.05 0.00	6.84 -0.07 0.00	0.74 -0.01 0.00	3.80 -0.04 0.00	3.62 -0.04 0.00	7.69 -0.09 0.00	-8.22 0.09 0.00	4.68 -0.05 0.00	4.52 -0.05 0.00
HUDSON_AVE_GT_3 23810	19.72 1.24 0.00	18.85 1.20 0.00	18.81 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.40 -0.66	18.77 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.16 0.66 0.00	12.57 0.95 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.38 0.55 -6.92	16.96 0.04 -16.18	21.16 0.26 -17.06	37.62 0.26 -33.70	28.56 0.51 -20.28	56.86 -0.49 -65.65	22.20 0.32 -17.15	18.94 0.32 -14.05
HUDSON_AVE_GT_4 23540	19.72 1.24 0.00	18.85 1.20 0.00	18.81 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.40 -0.66	18.77 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.16 0.66 0.00	12.57 0.95 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.38 0.55 -6.92	16.96 0.04 -16.18	21.16 0.26 -17.06	37.62 0.26 -33.70	28.56 0.51 -20.28	56.86 -0.49 -65.65	22.20 0.32 -17.15	18.94 0.32 -14.05
HUDSON_AVE_GT_5 23657	19.72 1.24 0.00	18.85 1.20 0.00	18.81 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.40 -0.66	18.77 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.16 0.66 0.00	12.57 0.95 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.38 0.55 -6.92	16.96 0.04 -16.18	21.16 0.26 -17.06	37.62 0.26 -33.70	28.56 0.51 -20.28	56.86 -0.49 -65.65	22.20 0.32 -17.15	18.94 0.32 -14.05

HUDSON_AVE_10 24168	19.67 1.18 0.00	18.80 1.14 0.00	18.75 1.13 0.00	18.63 1.15 0.00	18.63 1.12 0.00	19.87 1.18 0.00	20.09 1.17 -0.92	20.68 1.37 -0.78	18.76 1.33 -0.35	16.99 1.25 0.00	8.89 0.63 0.00	9.13 0.63 0.00	12.53 0.92 0.00	10.42 0.72 0.00	7.34 0.52 0.00	5.99 0.42 0.00	14.34 0.52 -6.91	16.94 0.04 -16.15	21.14 0.24 -17.05	37.42 0.24 -33.51	28.53 0.47 -20.28	56.89 -0.45 -65.65	22.17 0.31 -17.14	18.82 0.31 -13.94
HUDSON___115KV_TB 4 355613	19.08 0.60 0.00	18.24 0.58 0.00	18.13 0.51 0.00	18.00 0.51 0.00	18.03 0.53 0.00	19.27 0.58 0.00	19.79 0.57 -1.23	20.06 0.54 -0.99	18.01 0.46 -0.47	16.10 0.35 0.00	8.38 0.12 0.00	8.64 0.15 0.00	11.86 0.25 0.00	9.89 0.19 0.00	6.95 0.14 0.00	5.68 0.12 0.00	16.32 0.17 -9.24	21.45 0.02 -20.68	25.44 0.12 -21.48	46.56 0.12 -42.78	33.55 0.26 -25.51	74.04 -0.26 -82.61	26.44 0.14 -21.57	22.27 0.13 -17.56
HUNTER MOUNT___DRP 323613	19.12 0.64 0.00	18.27 0.62 0.00	18.15 0.53 0.00	18.02 0.54 0.00	18.07 0.57 0.00	19.34 0.64 0.00	19.81 0.64 -1.17	20.07 0.59 -0.95	18.01 0.48 -0.45	16.09 0.34 0.00	8.36 0.10 0.00	8.63 0.14 0.00	11.84 0.23 0.00	9.88 0.18 0.00	6.95 0.14 0.00	5.68 0.12 0.00	15.90 0.16 -8.83	20.59 0.03 -19.82	24.62 0.12 -20.65	44.46 0.13 -40.66	32.62 0.29 -24.54	70.87 -0.30 -79.48	25.64 0.16 -20.75	21.56 0.14 -16.85
HUNTINGTON_RES_REC 323705	20.13 1.64 0.00	22.75 1.65 -3.45	20.95 1.60 -1.73	59.55 1.62 -40.45	61.17 1.63 -42.04	22.23 1.76 -1.78	20.70 1.78 -0.92	21.08 1.89 -0.66	19.12 1.69 -0.35	17.34 1.60 0.00	27.60 0.78 -18.56	31.12 0.83 -21.79	12.68 1.06 0.00	10.58 0.88 0.00	7.65 0.69 -0.15	27.72 0.56 -21.60	17.25 0.70 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.97 0.72 -25.47	69.46 -0.72 -78.48	22.40 0.46 -17.22	37.14 0.45 -32.12
HUNTLEY___63 23557	17.88 -0.60 0.00	17.07 -0.58 0.00	17.13 -0.49 0.00	16.91 -0.58 0.00	16.89 -0.61 0.00	17.75 -0.94 0.00	17.11 -1.04 -0.15	16.15 -1.16 1.23	16.14 -1.00 -0.06	15.02 -0.73 0.00	7.99 -0.27 0.00	8.22 -0.28 0.00	11.23 -0.38 0.00	9.42 -0.28 0.00	6.56 -0.25 0.00	5.37 -0.20 0.00	7.78 -0.29 -1.16	3.36 -0.02 -2.64	6.43 -0.18 -2.76	8.88 -0.19 -5.41	10.69 -0.37 -3.28	2.61 0.30 -10.62	7.26 -0.24 -2.78	6.64 -0.20 -2.27
HUNTLEY___64 23558	17.88 -0.60 0.00	17.07 -0.58 0.00	17.13 -0.49 0.00	16.91 -0.58 0.00	16.89 -0.61 0.00	17.75 -0.94 0.00	17.11 -1.04 -0.15	16.15 -1.16 1.23	16.14 -1.00 -0.06	15.02 -0.73 0.00	7.99 -0.27 0.00	8.22 -0.28 0.00	11.23 -0.38 0.00	9.42 -0.28 0.00	6.56 -0.25 0.00	5.37 -0.20 0.00	7.78 -0.29 -1.16	3.36 -0.02 -2.64	6.43 -0.18 -2.76	8.88 -0.19 -5.41	10.69 -0.37 -3.28	2.61 0.30 -10.62	7.26 -0.24 -2.78	6.64 -0.20 -2.27
HUNTLEY___65 23559	17.88 -0.60 0.00	17.07 -0.58 0.00	17.13 -0.49 0.00	16.91 -0.58 0.00	16.89 -0.61 0.00	17.75 -0.94 0.00	17.11 -1.04 -0.15	16.15 -1.16 1.23	16.14 -1.00 -0.06	15.02 -0.73 0.00	7.99 -0.27 0.00	8.22 -0.28 0.00	11.23 -0.38 0.00	9.42 -0.28 0.00	6.56 -0.25 0.00	5.37 -0.20 0.00	7.78 -0.29 -1.16	3.36 -0.02 -2.64	6.43 -0.18 -2.76	8.88 -0.19 -5.41	10.69 -0.37 -3.28	2.61 0.30 -10.62	7.26 -0.24 -2.78	6.64 -0.20 -2.27
HUNTLEY___66 23560	17.88 -0.60 0.00	17.07 -0.58 0.00	17.13 -0.49 0.00	16.91 -0.58 0.00	16.89 -0.61 0.00	17.75 -0.94 0.00	17.11 -1.04 -0.15	16.15 -1.16 1.23	16.14 -1.00 -0.06	15.02 -0.73 0.00	7.99 -0.27 0.00	8.22 -0.28 0.00	11.23 -0.38 0.00	9.42 -0.28 0.00	6.56 -0.25 0.00	5.37 -0.20 0.00	7.78 -0.29 -1.16	3.36 -0.02 -2.64	6.43 -0.18 -2.76	8.88 -0.19 -5.41	10.69 -0.37 -3.28	2.61 0.30 -10.62	7.26 -0.24 -2.78	6.64 -0.20 -2.27
HUNTLEY___67 23561	17.82 -0.66 0.00	17.02 -0.63 0.00	17.08 -0.54 0.00	16.86 -0.62 0.00	16.84 -0.66 0.00	17.71 -0.98 0.00	17.08 -1.08 -0.16	16.19 -1.18 1.17	16.13 -1.01 -0.06	15.00 -0.75 0.00	7.98 -0.28 0.00	8.21 -0.29 0.00	11.22 -0.39 0.00	9.41 -0.29 0.00	6.55 -0.26 0.00	5.35 -0.20 0.00	7.80 -0.29 -1.18	3.41 -0.02 -2.69	6.48 -0.17 -2.80	8.99 -0.19 -5.52	10.75 -0.37 -3.33	2.79 0.30 -10.80	7.31 -0.24 -2.83	6.72 -0.20 -2.35
HUNTLEY___68 23562	17.82 -0.66 0.00	17.02 -0.63 0.00	17.08 -0.54 0.00	16.86 -0.62 0.00	16.84 -0.66 0.00	17.71 -0.98 0.00	17.08 -1.08 -0.16	16.19 -1.18 1.17	16.13 -1.01 -0.06	15.00 -0.75 0.00	7.98 -0.28 0.00	8.21 -0.29 0.00	11.22 -0.39 0.00	9.41 -0.29 0.00	6.55 -0.26 0.00	5.35 -0.20 0.00	7.80 -0.29 -1.18	3.41 -0.02 -2.69	6.48 -0.17 -2.80	8.99 -0.19 -5.52	10.75 -0.37 -3.33	2.79 0.30 -10.80	7.31 -0.24 -2.83	6.72 -0.20 -2.35
HYLAND___LFGE 323620	19.04 0.56 0.00	18.15 0.50 0.00	18.17 0.55 0.00	17.99 0.50 0.00	18.01 0.51 0.00	19.08 0.39 0.00	18.56 0.38 -0.17	19.62 0.21 -0.87	17.01 -0.13 -0.06	15.59 -0.16 0.00	8.18 -0.09 0.00	8.44 -0.06 0.00	11.51 -0.11 0.00	9.69 -0.01 0.00	6.76 -0.06 0.00	5.52 -0.04 0.00	8.11 -0.07 -1.27	3.64 0.01 -2.89	6.85 -0.02 -3.01	9.64 0.02 -5.96	11.59 0.22 -3.58	2.98 -0.32 -11.60	7.88 0.12 -3.03	7.17 0.11 -2.48
INDECK___CORINTH 23802	19.22 0.74 0.00	18.35 0.70 0.00	18.23 0.61 0.00	18.10 0.62 0.00	18.19 0.68 0.00	19.41 0.72 0.00	20.08 0.74 -1.34	20.21 0.71 -0.96	18.19 0.60 -0.51	16.22 0.47 0.00	8.43 0.17 0.00	8.73 0.24 0.00	11.99 0.38 0.00	10.03 0.33 0.00	7.04 0.23 0.00	5.75 0.19 0.00	17.28 0.28 -10.09	23.30 0.04 -22.52	27.43 0.19 -23.39	50.04 0.17 -46.20	35.95 0.37 -27.80	81.34 -0.37 -90.02	28.44 0.20 -23.52	24.03 0.18 -19.27
INDECK___ILION 23567	18.39 -0.09 0.00	17.57 -0.08 0.00	17.51 -0.11 0.00	17.38 -0.11 0.00	17.42 -0.09 0.00	18.55 -0.14 0.00	17.89 -0.13 -0.01	18.42 -0.14 -0.04	16.94 -0.15 -0.01	15.58 -0.17 0.00	8.15 -0.11 0.00	8.38 -0.11 0.00	11.50 -0.11 0.00	9.59 -0.11 0.00	6.73 -0.08 0.00	5.49 -0.06 0.00	6.96 -0.06 -0.11	0.99 -0.01 -0.25	4.08 -0.02 -0.26	4.16 -0.02 -0.52	8.05 -0.04 -0.30	-7.30 0.03 -0.98	4.95 -0.03 -0.25	4.72 -0.03 -0.18
INDECK___OLEAN 23982	19.01 0.52 0.00	18.20 0.55 0.00	18.25 0.62 0.00	18.06 0.58 0.00	17.99 0.49 0.00	19.07 0.38 0.00	18.43 0.24 -0.18	18.96 0.30 -0.13	17.52 0.36 -0.07	16.21 0.46 0.00	8.58 0.32 0.00	8.81 0.31 0.00	12.11 0.50 0.00	10.11 0.41 0.00	7.03 0.21 0.00	5.72 0.16 0.00	8.43 0.14 -1.38	3.90 0.01 -3.14	7.16 0.04 -3.28	10.16 0.03 -6.48	11.75 0.07 -3.90	4.14 -0.17 -12.62	8.07 0.04 -3.30	7.35 0.08 -2.70
INDECK___OSWEGO 23783	18.13 -0.35 0.00	17.32 -0.34 0.00	17.30 -0.32 0.00	17.17 -0.32 0.00	17.16 -0.34 0.00	18.06 -0.63 0.00	17.47 -0.63 -0.09	17.94 -0.65 -0.07	16.48 -0.63 -0.03	15.16 -0.59 0.00	7.96 -0.30 0.00	8.18 -0.31 0.00	11.19 -0.42 0.00	9.36 -0.34 0.00	6.56 -0.25 0.00	5.35 -0.21 0.00	7.31 -0.27 -0.67	2.25 -0.02 -1.52	5.30 -0.13 -1.59	6.68 -0.13 -3.14	9.43 -0.25 -1.89	-1.92 0.27 -6.12	6.16 -0.17 -1.60	5.72 -0.16 -1.31



INDECK___YERKES 23781	17.90 -0.58 0.00	17.09 -0.56 0.00	17.15 -0.47 0.00	16.92 -0.56 0.00	16.87 -0.64 0.00	17.79 -0.90 0.00	17.14 -1.02 -0.15	16.18 -1.12 1.23	16.21 -0.93 -0.06	15.04 -0.71 0.00	8.00 -0.26 0.00	8.22 -0.28 0.00	11.24 -0.37 0.00	9.43 -0.27 0.00	6.57 -0.24 0.00	5.37 -0.19 0.00	7.80 -0.28 -1.16	3.37 -0.02 -2.64	6.43 -0.17 -2.76	8.93 -0.18 -5.45	10.70 -0.36 -3.28	2.61 0.29 -10.62	7.26 -0.24 -2.77	6.65 -0.20 -2.28
INDIAN POINT_GT_1 24139	19.58 1.10 0.00	18.72 1.07 0.00	18.70 1.07 0.00	18.56 1.08 0.00	18.56 1.06 0.00	19.76 1.07 0.00	19.97 1.07 -0.90	20.36 1.19 -0.65	18.55 1.12 -0.34	16.79 1.04 0.00	8.78 0.52 0.00	9.04 0.54 0.00	12.39 0.78 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	14.18 0.46 -6.81	16.69 0.04 -15.91	20.84 0.22 -16.77	37.02 0.22 -33.13	28.16 0.44 -19.94	55.82 -0.43 -64.56	21.86 0.27 -16.86	18.68 0.27 -13.83
INDIAN POINT_GT_2 23659	19.58 1.10 0.00	18.72 1.07 0.00	18.70 1.07 0.00	18.56 1.08 0.00	18.56 1.06 0.00	19.76 1.07 0.00	19.97 1.07 -0.90	20.36 1.19 -0.65	18.55 1.12 -0.34	16.79 1.04 0.00	8.78 0.52 0.00	9.04 0.54 0.00	12.39 0.78 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	14.18 0.46 -6.81	16.69 0.04 -15.91	20.84 0.22 -16.77	37.02 0.22 -33.13	28.16 0.44 -19.94	55.82 -0.43 -64.56	21.86 0.27 -16.86	18.68 0.27 -13.83
INDIAN POINT_GT_3 24019	19.58 1.10 0.00	18.72 1.07 0.00	18.70 1.07 0.00	18.56 1.08 0.00	18.56 1.06 0.00	19.76 1.07 0.00	19.97 1.07 -0.90	20.36 1.19 -0.65	18.55 1.12 -0.34	16.79 1.04 0.00	8.78 0.52 0.00	9.04 0.54 0.00	12.39 0.78 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	14.18 0.46 -6.81	16.69 0.04 -15.91	20.84 0.22 -16.77	37.02 0.22 -33.13	28.16 0.44 -19.94	55.82 -0.43 -64.56	21.86 0.27 -16.86	18.68 0.27 -13.83
INDIAN POINT___2 23530	19.58 1.09 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.56 1.07 0.00	18.56 1.05 0.00	19.76 1.07 0.00	19.95 1.07 -0.88	20.35 1.19 -0.64	18.53 1.11 -0.34	16.79 1.04 0.00	8.78 0.52 0.00	9.03 0.54 0.00	12.39 0.78 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	14.05 0.46 -6.68	16.39 0.04 -15.61	20.52 0.22 -16.46	36.39 0.22 -32.51	27.78 0.44 -19.56	54.60 -0.43 -63.34	21.54 0.27 -16.54	18.41 0.27 -13.57
INDIAN POINT___3 23531	19.58 1.09 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.56 1.08 0.00	18.55 1.05 0.00	19.76 1.07 0.00	19.97 1.06 -0.90	20.48 1.18 -0.77	18.54 1.12 -0.34	16.79 1.04 0.00	8.78 0.52 0.00	9.03 0.53 0.00	12.39 0.77 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	14.18 0.46 -6.81	16.68 0.04 -15.90	20.85 0.22 -16.78	36.88 0.22 -32.99	28.18 0.44 -19.95	55.88 -0.43 -64.62	21.87 0.27 -16.87	18.58 0.27 -13.74
INGHAM_C_115KV_TB7 356103	18.13 -0.36 0.00	17.33 -0.32 0.00	17.21 -0.41 0.00	17.10 -0.39 0.00	17.17 -0.34 0.00	18.28 -0.41 0.00	17.62 -0.40 -0.01	18.13 -0.43 -0.04	16.67 -0.41 -0.01	15.28 -0.47 0.00	7.97 -0.29 0.00	8.20 -0.30 0.00	11.30 -0.31 0.00	9.39 -0.31 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	6.85 -0.17 -0.11	0.97 -0.02 -0.25	4.02 -0.08 -0.26	4.11 -0.07 -0.52	7.95 -0.13 -0.30	-7.21 0.12 -0.98	4.89 -0.09 -0.25	4.66 -0.09 -0.18
IP CORINTH___1 23988	19.23 0.74 0.00	18.35 0.70 0.00	18.23 0.61 0.00	18.10 0.61 0.00	18.16 0.66 0.00	19.43 0.74 0.00	20.08 0.74 -1.34	20.31 0.72 -1.07	18.20 0.61 -0.51	16.22 0.47 0.00	8.43 0.17 0.00	8.72 0.23 0.00	11.99 0.37 0.00	10.03 0.33 0.00	7.04 0.23 0.00	5.75 0.19 0.00	17.29 0.29 -10.10	23.32 0.04 -22.54	27.44 0.19 -23.40	50.25 0.17 -46.41	35.95 0.37 -27.80	81.34 -0.37 -90.02	28.45 0.20 -23.53	24.13 0.17 -19.39
IP___TICONDEROGA 23804	19.97 1.48 0.00	19.05 1.40 0.00	18.83 1.21 0.00	18.74 1.26 0.00	18.87 1.37 0.00	20.14 1.45 0.00	20.79 1.45 -1.34	20.94 1.35 -1.07	18.69 1.10 -0.51	16.63 0.88 0.00	8.63 0.37 0.00	8.97 0.47 0.00	12.40 0.78 0.00	10.38 0.68 0.00	7.28 0.47 0.00	5.94 0.38 0.00	17.56 0.57 -10.08	23.32 0.08 -22.50	27.59 0.39 -23.36	50.34 0.33 -46.34	36.26 0.72 -27.75	80.81 -0.75 -89.87	28.59 0.38 -23.49	24.26 0.34 -19.35
ISLIP_RES_REC 323679	20.28 1.80 0.00	22.92 1.82 -3.45	21.14 1.80 -1.73	59.73 1.80 -40.45	61.38 1.83 -42.04	22.46 2.00 -1.78	20.94 2.02 -0.92	21.33 2.14 -0.66	19.33 1.90 -0.35	17.55 1.80 0.00	27.70 0.88 -18.56	31.22 0.93 -21.79	12.80 1.19 0.00	10.69 0.99 0.00	7.72 0.76 -0.15	27.78 0.61 -21.60	17.32 0.78 -9.63	71.50 0.07 -70.68	39.87 0.41 -35.62	41.76 0.40 -37.70	34.06 0.81 -25.47	69.35 -0.82 -78.48	22.46 0.51 -17.22	37.20 0.50 -32.12
JAMAICA__27_KV_LOAD 355505	19.77 1.28 0.00	18.88 1.23 0.00	18.84 1.22 0.00	18.71 1.22 0.00	18.70 1.20 0.00	19.95 1.26 0.00	20.18 1.26 -0.92	20.85 1.54 -0.78	18.93 1.50 -0.35	17.15 1.40 0.00	8.94 0.68 0.00	9.17 0.68 0.00	12.60 0.98 0.00	10.48 0.78 0.00	7.37 0.56 0.00	6.00 0.44 0.00	14.35 0.53 -6.91	16.94 0.04 -16.15	21.15 0.25 -17.05	37.42 0.25 -33.51	28.54 0.48 -20.28	56.89 -0.46 -65.65	22.19 0.32 -17.14	18.84 0.33 -13.94
JANIS___SOLAR 323808	19.33 0.85 0.00	18.44 0.79 0.00	18.47 0.84 0.00	18.32 0.83 0.00	18.32 0.82 0.00	19.39 0.70 0.00	18.94 0.69 -0.25	20.51 0.66 -1.32	17.61 0.44 -0.09	15.97 0.22 0.00	8.34 0.07 0.00	8.56 0.07 0.00	11.75 0.14 0.00	9.82 0.12 0.00	6.89 0.08 0.00	5.61 0.05 0.00	8.82 0.06 -1.85	4.98 0.02 -4.21	8.36 0.11 -4.40	12.49 0.13 -8.70	13.34 0.32 -5.23	8.28 -0.35 -16.94	9.34 0.19 -4.43	8.37 0.17 -3.63
JARVIS____ 23743	18.50 0.02 0.00	17.67 0.02 0.00	17.63 0.01 0.00	17.49 0.01 0.00	17.51 0.00 0.00	18.65 -0.04 0.00	17.97 -0.04 0.00	18.50 -0.02 0.00	17.05 -0.03 0.00	15.72 -0.03 0.00	8.24 -0.03 0.00	8.47 -0.03 0.00	11.59 -0.03 0.00	9.68 -0.02 0.00	6.80 -0.01 0.00	5.55 -0.01 0.00	6.90 -0.01 0.00	0.75 0.00 0.00	3.84 0.00 0.00	3.66 0.00 0.00	7.78 -0.01 0.00	-8.30 0.01 0.00	4.72 -0.01 0.00	4.56 -0.01 0.00
JENNISON___1 23625	19.48 0.99 0.00	18.58 0.93 0.00	18.61 0.98 0.00	18.45 0.97 0.00	18.47 0.96 0.00	19.57 0.87 0.00	19.17 0.87 -0.30	20.34 0.88 -0.93	17.94 0.74 -0.12	16.34 0.59 0.00	8.55 0.29 0.00	8.78 0.28 0.00	12.02 0.41 0.00	10.04 0.35 0.00	7.04 0.23 0.00	5.75 0.19 0.00	9.43 0.23 -2.30	6.00 0.03 -5.23	9.47 0.17 -5.46	14.82 0.18 -10.98	14.64 0.39 -6.47	12.24 -0.41 -20.96	10.47 0.23 -5.51	9.52 0.21 -4.73
JENNISON___2 23626	19.48 0.99 0.00	18.58 0.93 0.00	18.61 0.98 0.00	18.45 0.97 0.00	18.47 0.96 0.00	19.57 0.87 0.00	19.17 0.87 -0.30	20.34 0.88 -0.93	17.94 0.74 -0.12	16.34 0.59 0.00	8.55 0.29 0.00	8.78 0.28 0.00	12.02 0.41 0.00	10.04 0.35 0.00	7.04 0.23 0.00	5.75 0.19 0.00	9.43 0.23 -2.30	6.00 0.03 -5.23	9.47 0.17 -5.46	14.82 0.18 -10.98	14.64 0.39 -6.47	12.24 -0.41 -20.96	10.47 0.23 -5.51	9.52 0.21 -4.73

JERICO_RISE_WT_PWR 323719	18.47 -0.02 0.00	17.55 -0.10 0.00	17.49 -0.14 0.00	17.36 -0.12 0.00	17.39 -0.11 0.00	18.64 -0.05 0.00	18.06 0.06 0.00	18.59 0.06 0.00	17.21 0.13 0.00	15.85 0.11 0.00	8.27 0.01 0.00	8.44 -0.05 0.00	11.36 -0.25 0.00	9.43 -0.27 0.00	6.65 -0.17 0.00	5.42 -0.14 0.00	6.76 -0.15 0.00	0.73 -0.02 0.00	3.79 -0.06 0.00	3.63 -0.03 0.00	7.66 -0.13 0.00	-8.22 0.09 0.00	4.58 -0.15 0.00	4.41 -0.16 0.00
KATONAH__115KV_46KV_TB4 355592	19.70 1.21 0.00	18.82 1.17 0.00	18.78 1.16 0.00	18.65 1.17 0.00	18.65 1.15 0.00	19.89 1.20 0.00	20.12 1.19 -0.93	20.64 1.32 -0.79	18.70 1.27 -0.36	16.92 1.17 0.00	8.85 0.59 0.00	9.10 0.61 0.00	12.48 0.87 0.00	10.38 0.69 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.45 0.52 -7.03	17.20 0.04 -16.41	21.42 0.25 -17.33	38.06 0.25 -34.14	28.88 0.50 -20.60	57.91 -0.48 -66.71	22.44 0.30 -17.42	19.06 0.29 -14.19
KCE_NY_1 323755	19.35 0.86 0.00	18.45 0.80 0.00	18.36 0.74 0.00	18.22 0.73 0.00	18.29 0.79 0.00	19.51 0.82 0.00	20.14 0.80 -1.33	20.29 0.81 -0.96	18.29 0.70 -0.51	16.34 0.59 0.00	8.51 0.25 0.00	8.80 0.30 0.00	12.08 0.46 0.00	10.09 0.39 0.00	7.08 0.26 0.00	5.78 0.22 0.00	17.27 0.31 -10.05	23.21 0.04 -22.42	27.33 0.19 -23.29	49.86 0.18 -46.01	35.85 0.39 -27.68	80.95 -0.39 -89.64	28.37 0.22 -23.42	23.97 0.21 -19.19
KCE_NY_6_ESR 323823	18.14 -0.35 0.00	17.32 -0.33 0.00	17.38 -0.24 0.00	17.16 -0.33 0.00	17.10 -0.40 0.00	18.04 -0.65 0.00	17.42 -0.75 -0.16	16.62 -0.82 1.09	16.48 -0.66 -0.06	15.28 -0.47 0.00	8.12 -0.14 0.00	8.34 -0.16 0.00	11.41 -0.20 0.00	9.57 -0.12 0.00	6.66 -0.15 0.00	5.45 -0.11 0.00	7.96 -0.18 -1.23	3.53 -0.01 -2.80	6.66 -0.11 -2.92	9.31 -0.13 -5.77	11.02 -0.24 -3.47	3.10 0.16 -11.25	7.50 -0.17 -2.94	6.85 -0.13 -2.41
KEDC_PORT_JEFF_GT2 24210	20.19 1.70 0.00	22.84 1.74 -3.45	21.07 1.71 -1.73	59.70 1.72 -40.49	61.33 1.74 -42.08	22.37 1.90 -1.78	20.84 1.92 -0.92	21.22 2.03 -0.66	19.24 1.81 -0.35	17.47 1.72 0.00	27.67 0.84 -18.56	31.18 0.89 -21.79	12.76 1.14 0.00	10.64 0.94 0.00	7.69 0.73 -0.15	27.75 0.58 -21.60	17.28 0.74 -9.63	71.50 0.07 -70.68	39.85 0.38 -35.62	41.73 0.36 -37.70	33.99 0.74 -25.47	69.41 -0.76 -78.48	22.43 0.48 -17.22	37.17 0.48 -32.12
KEDC_PORT_JEFF_GT3 24211	20.19 1.70 0.00	22.84 1.74 -3.45	21.07 1.71 -1.73	59.70 1.72 -40.49	61.33 1.74 -42.08	22.37 1.90 -1.78	20.84 1.92 -0.92	21.22 2.03 -0.66	19.24 1.81 -0.35	17.47 1.72 0.00	27.67 0.84 -18.56	31.18 0.89 -21.79	12.76 1.14 0.00	10.64 0.94 0.00	7.69 0.73 -0.15	27.75 0.58 -21.60	17.28 0.74 -9.63	71.50 0.07 -70.68	39.85 0.38 -35.62	41.73 0.36 -37.70	33.99 0.74 -25.47	69.41 -0.76 -78.48	22.43 0.48 -17.22	37.17 0.48 -32.12
KEDC_GLWD_GT4 24219	19.95 1.46 0.00	22.04 1.41 -2.98	20.50 1.38 -1.49	54.77 1.40 -35.89	56.78 1.39 -37.88	21.72 1.50 -1.54	20.41 1.49 -0.92	20.80 1.61 -0.66	18.92 1.50 -0.35	17.16 1.41 0.00	27.55 0.72 -18.56	31.04 0.76 -21.79	12.65 1.03 0.00	10.53 0.83 0.00	7.59 0.63 -0.15	27.68 0.51 -21.60	17.18 0.64 -9.63	71.48 0.05 -70.68	39.76 0.30 -35.62	41.66 0.30 -37.70	33.85 0.59 -25.47	69.59 -0.58 -78.48	22.33 0.38 -17.22	37.07 0.37 -32.12
KEDC_GLWD_GT5 24220	19.95 1.46 0.00	22.04 1.41 -2.98	20.50 1.38 -1.49	54.77 1.40 -35.89	56.78 1.39 -37.88	21.72 1.50 -1.54	20.41 1.49 -0.92	20.80 1.61 -0.66	18.92 1.50 -0.35	17.16 1.41 0.00	27.55 0.72 -18.56	31.04 0.76 -21.79	12.65 1.03 0.00	10.53 0.83 0.00	7.59 0.63 -0.15	27.68 0.51 -21.60	17.18 0.64 -9.63	71.48 0.05 -70.68	39.76 0.30 -35.62	41.66 0.30 -37.70	33.85 0.59 -25.47	69.59 -0.58 -78.48	22.33 0.38 -17.22	37.07 0.37 -32.12
KENSICO____ 23655	19.62 1.13 0.00	18.76 1.11 0.00	18.73 1.11 0.00	18.60 1.11 0.00	18.59 1.09 0.00	19.80 1.11 0.00	20.01 1.10 -0.91	20.53 1.22 -0.78	18.59 1.16 -0.35	16.83 1.08 0.00	8.80 0.54 0.00	9.06 0.56 0.00	12.43 0.81 0.00	10.34 0.64 0.00	7.28 0.47 0.00	5.95 0.39 0.00	14.26 0.48 -6.87	16.84 0.04 -16.06	21.03 0.23 -16.95	37.26 0.23 -33.37	28.39 0.46 -20.15	56.50 -0.44 -65.25	22.04 0.28 -17.04	18.73 0.28 -13.88
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.19 1.70 0.00	19.27 1.62 0.00	19.24 1.61 0.00	19.10 1.61 0.00	19.08 1.58 0.00	20.30 1.60 0.00	20.44 1.59 -0.85	20.98 1.72 -0.74	18.96 1.56 -0.32	17.13 1.38 0.00	8.96 0.70 0.00	9.18 0.69 0.00	12.59 0.98 0.00	10.47 0.77 0.00	7.37 0.56 0.00	6.02 0.46 0.00	13.88 0.60 -6.37	15.51 0.06 -14.71	19.67 0.33 -15.49	34.10 0.34 -30.10	26.92 0.70 -18.44	50.72 -0.69 -59.72	20.71 0.41 -15.57	17.42 0.41 -12.44
KIAC_JFK_GT1 23816	19.67 1.18 0.00	18.79 1.14 0.00	18.75 1.12 0.00	18.61 1.13 0.00	18.62 1.11 0.00	19.86 1.17 0.00	20.09 1.17 -0.92	20.64 1.46 -0.66	18.84 1.41 -0.35	17.07 1.32 0.00	8.90 0.64 0.00	9.13 0.63 0.00	12.54 0.93 0.00	10.44 0.74 0.00	7.34 0.52 0.00	5.97 0.41 0.00	14.32 0.49 -6.92	16.96 0.03 -16.18	21.12 0.22 -17.06	37.58 0.22 -33.70	28.47 0.41 -20.28	56.95 -0.39 -65.65	22.16 0.28 -17.15	18.92 0.30 -14.05
KIAC_JFK_GT2 23817	19.67 1.18 0.00	18.79 1.14 0.00	18.75 1.12 0.00	18.61 1.13 0.00	18.62 1.11 0.00	19.86 1.17 0.00	20.09 1.17 -0.92	20.64 1.46 -0.66	18.84 1.41 -0.35	17.07 1.32 0.00	8.90 0.64 0.00	9.13 0.63 0.00	12.54 0.93 0.00	10.44 0.74 0.00	7.34 0.52 0.00	5.97 0.41 0.00	14.32 0.49 -6.92	16.96 0.03 -16.18	21.12 0.22 -17.06	37.58 0.22 -33.70	28.47 0.41 -20.28	56.95 -0.39 -65.65	22.16 0.28 -17.15	18.92 0.30 -14.05
KIAC_JFK____ 323774	19.67 1.18 0.00	18.79 1.14 0.00	18.75 1.12 0.00	18.61 1.13 0.00	18.62 1.11 0.00	19.86 1.17 0.00	20.09 1.17 -0.92	20.64 1.46 -0.66	18.84 1.41 -0.35	17.07 1.32 0.00	8.90 0.64 0.00	9.13 0.63 0.00	12.54 0.93 0.00	10.44 0.74 0.00	7.34 0.52 0.00	5.97 0.41 0.00	14.32 0.49 -6.92	16.96 0.03 -16.18	21.12 0.22 -17.06	37.58 0.22 -33.70	28.47 0.41 -20.28	56.95 -0.39 -65.65	22.16 0.28 -17.15	18.92 0.30 -14.05
KINTIGH____ 23543	17.77 -0.72 0.00	16.97 -0.68 0.00	17.02 -0.60 0.00	16.82 -0.66 0.00	16.80 -0.70 0.00	17.68 -1.01 0.00	17.06 -1.08 -0.14	15.96 -1.16 1.40	16.11 -1.02 -0.05	14.95 -0.80 0.00	7.93 -0.33 0.00	8.16 -0.33 0.00	11.17 -0.44 0.00	9.36 -0.34 0.00	6.52 -0.29 0.00	5.33 -0.23 0.00	7.63 -0.32 -1.04	3.08 -0.02 -2.36	6.13 -0.18 -2.47	8.27 -0.20 -4.80	10.34 -0.38 -2.94	1.52 0.32 -9.51	6.96 -0.25 -2.49	6.44 -0.21 -2.08
KNTFSRNC_46_KV_46KV_LOAD 80397	18.69 0.21 0.00	17.76 0.11 0.00	17.67 0.05 0.00	17.54 0.06 0.00	17.57 0.06 0.00	18.89 0.19 0.00	18.29 0.28 -0.01	18.85 0.30 -0.02	17.41 0.33 0.00	16.01 0.27 0.00	8.34 0.08 0.00	8.51 0.01 0.00	11.46 -0.15 0.00	9.50 -0.20 0.00	6.69 -0.12 0.00	5.47 -0.09 0.00	6.87 -0.09 -0.05	0.86 -0.01 -0.12	3.96 -0.02 -0.13	3.97 0.01 -0.30	7.91 -0.02 -0.15	-7.87 -0.04 -0.47	4.75 -0.10 -0.12	4.54 -0.12 -0.09

LACHUTE____HYDRO 323717	19.97 1.48 0.00	19.05 1.40 0.00	18.83 1.21 0.00	18.74 1.26 0.00	18.88 1.38 0.00	20.13 1.44 0.00	20.79 1.46 -1.34	20.84 1.35 -0.96	18.69 1.10 -0.51	16.63 0.88 0.00	8.63 0.37 0.00	8.98 0.48 0.00	12.40 0.79 0.00	10.38 0.68 0.00	7.28 0.47 0.00	5.94 0.38 0.00	17.55 0.57 -10.07	23.30 0.07 -22.48	27.58 0.39 -23.35	50.12 0.33 -46.12	36.26 0.72 -27.75	80.81 -0.75 -89.87	28.58 0.38 -23.48	24.16 0.35 -19.24
LAWRNCAV_115KV_TB1 80681	17.90 -0.59 0.00	17.06 -0.59 0.00	17.07 -0.56 0.00	16.94 -0.55 0.00	16.94 -0.56 0.00	18.06 -0.63 0.00	17.42 -0.60 -0.01	17.91 -0.66 -0.04	16.45 -0.63 -0.01	15.17 -0.58 0.00	7.98 -0.28 0.00	8.18 -0.32 0.00	11.12 -0.49 0.00	9.28 -0.42 0.00	6.52 -0.29 0.00	5.32 -0.24 0.00	6.72 -0.30 -0.11	0.97 -0.03 -0.25	3.95 -0.15 -0.26	4.07 -0.14 -0.55	7.79 -0.30 -0.31	-6.97 0.34 -1.00	4.78 -0.20 -0.26	4.57 -0.20 -0.19
LEDERLE____ 23769	19.68 1.20 0.00	18.80 1.15 0.00	18.78 1.16 0.00	18.64 1.16 0.00	18.63 1.13 0.00	19.85 1.16 0.00	20.02 1.15 -0.87	20.55 1.28 -0.75	18.61 1.20 -0.33	16.87 1.12 0.00	8.83 0.56 0.00	9.07 0.58 0.00	12.45 0.84 0.00	10.35 0.65 0.00	7.29 0.48 0.00	5.96 0.40 0.00	13.96 0.50 -6.55	16.07 0.04 -15.28	20.22 0.25 -16.13	35.70 0.25 -31.79	27.44 0.49 -19.17	53.29 -0.48 -62.08	21.24 0.30 -16.21	18.14 0.29 -13.27
LIGHTHSE_115KV_TB6 355974	18.25 -0.24 0.00	17.42 -0.23 0.00	17.43 -0.20 0.00	17.27 -0.21 0.00	17.27 -0.23 0.00	18.21 -0.48 0.00	17.58 -0.50 -0.08	18.19 -0.57 -0.23	16.50 -0.61 -0.03	15.15 -0.60 0.00	7.94 -0.33 0.00	8.16 -0.33 0.00	11.15 -0.46 0.00	9.33 -0.37 0.00	6.54 -0.27 0.00	5.32 -0.24 0.00	7.21 -0.31 -0.60	2.09 -0.02 -1.37	5.14 -0.14 -1.43	6.26 -0.11 -2.71	9.29 -0.20 -1.71	-2.51 0.26 -5.54	6.00 -0.17 -1.44	5.55 -0.18 -1.15
LINDEN COGEN____ 23786	19.59 1.10 0.00	18.71 1.06 0.00	18.68 1.05 0.00	18.56 1.08 0.00	18.55 1.05 0.00	19.79 1.10 0.00	20.01 1.09 -0.92	20.46 1.27 -0.66	18.67 1.24 -0.35	16.92 1.17 0.00	8.86 0.60 0.00	9.10 0.61 0.00	12.50 0.88 0.00	10.37 0.67 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.50 -6.92	16.96 0.03 -16.18	21.14 0.23 -17.06	37.59 0.23 -33.70	28.50 0.45 -20.28	56.92 -0.42 -65.65	22.17 0.29 -17.15	18.90 0.29 -14.05
LINDHRST_69_KV_BK1 356055	20.22 1.74 0.00	22.74 1.71 -3.38	21.00 1.68 -1.69	58.93 1.69 -39.76	71.50 1.66 -52.33	22.28 1.85 -1.74	20.75 1.83 -0.92	21.26 1.95 -0.79	19.17 1.74 -0.35	17.40 1.65 0.00	27.66 0.83 -18.56	31.14 0.85 -21.79	12.73 1.12 0.00	10.62 0.92 0.00	7.67 0.71 -0.15	27.74 0.58 -21.60	17.26 0.73 -9.62	71.47 0.06 -70.66	39.83 0.37 -35.61	41.53 0.37 -37.51	34.00 0.74 -25.47	69.43 -0.75 -78.48	22.40 0.47 -17.21	37.03 0.45 -32.01
LIPA_MISC_IPP 23656	20.14 1.66 0.00	22.85 1.75 -3.45	21.08 1.73 -1.73	59.72 1.73 -40.51	71.17 1.71 -51.96	22.40 1.92 -1.78	20.83 1.91 -0.92	21.33 2.02 -0.79	19.21 1.79 -0.35	17.46 1.71 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.12 0.00	10.62 0.92 0.00	7.68 0.72 -0.15	27.73 0.56 -21.60	17.25 0.72 -9.62	71.47 0.07 -70.66	39.82 0.37 -35.61	41.52 0.35 -37.51	33.98 0.72 -25.47	69.44 -0.73 -78.48	22.39 0.46 -17.21	37.05 0.46 -32.01
LISF____SOLAR 323691	20.17 1.68 0.00	22.88 1.78 -3.45	21.11 1.75 -1.73	59.74 1.76 -40.50	61.36 1.77 -42.09	22.40 1.93 -1.78	20.85 1.93 -0.92	21.21 2.02 -0.66	19.21 1.78 -0.35	17.46 1.71 0.00	27.67 0.85 -18.56	31.16 0.87 -21.79	12.74 1.13 0.00	10.61 0.92 0.00	7.67 0.71 -0.15	27.72 0.56 -21.60	17.26 0.72 -9.63	71.50 0.07 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.99 0.73 -25.47	69.43 -0.74 -78.48	22.42 0.47 -17.22	37.17 0.48 -32.12
LITTLE FALLS____HYD 24013	18.13 -0.36 0.00	17.33 -0.32 0.00	17.21 -0.41 0.00	17.10 -0.39 0.00	17.17 -0.34 0.00	18.28 -0.41 0.00	17.62 -0.40 -0.01	18.13 -0.43 -0.04	16.67 -0.41 -0.01	15.28 -0.47 0.00	7.97 -0.29 0.00	8.20 -0.30 0.00	11.30 -0.31 0.00	9.39 -0.31 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	6.85 -0.17 -0.11	0.97 -0.02 -0.25	4.02 -0.08 -0.26	4.11 -0.07 -0.52	7.95 -0.13 -0.30	-7.21 0.12 -0.98	4.89 -0.09 -0.25	4.66 -0.09 -0.18
LITTLRIV_115KV_TB1 356100	18.07 -0.42 0.00	17.23 -0.42 0.00	17.24 -0.39 0.00	17.11 -0.38 0.00	17.11 -0.40 0.00	18.21 -0.48 0.00	17.56 -0.45 -0.02	18.03 -0.54 -0.04	16.55 -0.54 -0.01	15.27 -0.48 0.00	8.04 -0.22 0.00	8.23 -0.26 0.00	11.21 -0.41 0.00	9.35 -0.35 0.00	6.57 -0.25 0.00	5.35 -0.21 0.00	6.77 -0.26 -0.12	0.99 -0.02 -0.27	4.00 -0.13 -0.28	4.13 -0.11 -0.58	7.88 -0.23 -0.33	-6.98 0.26 -1.06	4.84 -0.16 -0.28	4.63 -0.15 -0.21
LI_NEWBRDGE____DRP 323616	19.95 1.46 0.00	22.60 1.45 -3.50	20.80 1.42 -1.75	59.86 1.43 -40.94	70.32 1.41 -51.41	22.05 1.55 -1.80	20.46 1.54 -0.92	20.96 1.65 -0.79	18.92 1.49 -0.35	17.17 1.42 0.00	27.55 0.72 -18.56	31.02 0.74 -21.79	12.59 0.98 0.00	10.49 0.80 0.00	7.58 0.62 -0.15	27.67 0.51 -21.60	17.16 0.63 -9.62	71.45 0.05 -70.66	39.76 0.31 -35.61	41.48 0.31 -37.51	33.87 0.61 -25.47	69.57 -0.60 -78.48	22.32 0.38 -17.21	36.96 0.37 -32.01
LOCKPORT_115KV_TB60_63_64 80432	17.69 -0.80 0.00	16.88 -0.77 0.00	16.94 -0.68 0.00	16.72 -0.77 0.00	16.70 -0.80 0.00	17.56 -1.14 0.00	16.91 -1.24 -0.15	15.83 -1.33 1.36	15.95 -1.19 -0.06	14.83 -0.92 0.00	7.89 -0.37 0.00	8.11 -0.38 0.00	11.08 -0.53 0.00	9.30 -0.40 0.00	6.48 -0.34 0.00	5.30 -0.27 0.00	7.65 -0.37 -1.12	3.26 -0.02 -2.53	6.29 -0.21 -2.65	8.63 -0.23 -5.20	10.49 -0.44 -3.15	2.27 0.37 -10.20	7.11 -0.29 -2.67	6.52 -0.24 -2.18
LOCKPORT____CC1 323769	17.70 -0.78 0.00	16.90 -0.75 0.00	16.96 -0.66 0.00	16.73 -0.75 0.00	16.68 -0.82 0.00	17.59 -1.10 0.00	16.94 -1.21 -0.15	15.88 -1.31 1.34	16.02 -1.12 -0.06	14.86 -0.89 0.00	7.90 -0.36 0.00	8.12 -0.38 0.00	11.10 -0.51 0.00	9.32 -0.38 0.00	6.49 -0.33 0.00	5.30 -0.26 0.00	7.68 -0.36 -1.12	3.28 -0.02 -2.56	6.31 -0.20 -2.67	8.72 -0.22 -5.27	10.52 -0.44 -3.18	2.33 0.36 -10.28	7.12 -0.29 -2.69	6.54 -0.23 -2.20
LOCKPORT____CC2 323770	17.70 -0.78 0.00	16.90 -0.75 0.00	16.96 -0.66 0.00	16.73 -0.75 0.00	16.68 -0.82 0.00	17.59 -1.10 0.00	16.94 -1.21 -0.15	15.88 -1.31 1.34	16.02 -1.12 -0.06	14.86 -0.89 0.00	7.90 -0.36 0.00	8.12 -0.38 0.00	11.10 -0.51 0.00	9.32 -0.38 0.00	6.49 -0.33 0.00	5.30 -0.26 0.00	7.68 -0.36 -1.12	3.28 -0.02 -2.56	6.31 -0.20 -2.67	8.72 -0.22 -5.27	10.52 -0.44 -3.18	2.33 0.36 -10.28	7.12 -0.29 -2.69	6.54 -0.23 -2.20
LOCKPORT____CC3 323771	17.70 -0.78 0.00	16.90 -0.75 0.00	16.96 -0.66 0.00	16.73 -0.75 0.00	16.68 -0.82 0.00	17.59 -1.10 0.00	16.94 -1.21 -0.15	15.88 -1.31 1.34	16.02 -1.12 -0.06	14.86 -0.89 0.00	7.90 -0.36 0.00	8.12 -0.38 0.00	11.10 -0.51 0.00	9.32 -0.38 0.00	6.49 -0.33 0.00	5.30 -0.26 0.00	7.68 -0.36 -1.12	3.28 -0.02 -2.56	6.31 -0.20 -2.67	8.72 -0.22 -5.27	10.52 -0.44 -3.18	2.33 0.36 -10.28	7.12 -0.29 -2.69	6.54 -0.23 -2.20

LONG_LAKE_PHOENIX 24014	18.21 -0.28 0.00	17.38 -0.27 0.00	17.36 -0.26 0.00	17.22 -0.27 0.00	17.21 -0.29 0.00	18.14 -0.55 0.00	17.54 -0.55 -0.09	18.21 -0.57 -0.26	16.56 -0.56 -0.03	15.23 -0.52 0.00	8.00 -0.26 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.41 -0.29 0.00	6.59 -0.22 0.00	5.38 -0.18 0.00	7.36 -0.23 -0.68	2.27 -0.02 -1.54	5.35 -0.11 -1.62	6.62 -0.10 -3.05	9.50 -0.20 -1.93	-1.85 0.22 -6.24	6.21 -0.14 -1.63	5.74 -0.14 -1.31
LOVETT___3 23632	19.58 1.10 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.55 1.07 0.00	18.55 1.05 0.00	19.76 1.07 0.00	19.94 1.06 -0.87	20.47 1.19 -0.75	18.53 1.12 -0.33	16.79 1.04 0.00	8.78 0.52 0.00	9.03 0.53 0.00	12.39 0.77 0.00	10.30 0.60 0.00	7.26 0.44 0.00	5.93 0.37 0.00	13.96 0.46 -6.59	16.16 0.04 -15.37	20.29 0.23 -16.22	35.86 0.22 -31.98	27.51 0.44 -19.29	53.72 -0.43 -62.46	21.31 0.27 -16.31	18.18 0.27 -13.34
LOVETT___4 23642	19.58 1.10 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.55 1.07 0.00	18.55 1.05 0.00	19.76 1.07 0.00	19.94 1.06 -0.87	20.47 1.19 -0.75	18.53 1.12 -0.33	16.79 1.04 0.00	8.78 0.52 0.00	9.03 0.53 0.00	12.39 0.77 0.00	10.30 0.60 0.00	7.26 0.44 0.00	5.93 0.37 0.00	13.96 0.46 -6.59	16.16 0.04 -15.37	20.29 0.23 -16.22	35.86 0.22 -31.98	27.51 0.44 -19.29	53.72 -0.43 -62.46	21.31 0.27 -16.31	18.18 0.27 -13.34
LOVETT___5 23593	19.58 1.10 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.55 1.07 0.00	18.55 1.05 0.00	19.76 1.07 0.00	19.94 1.06 -0.87	20.47 1.19 -0.75	18.53 1.12 -0.33	16.79 1.04 0.00	8.78 0.52 0.00	9.03 0.53 0.00	12.39 0.77 0.00	10.30 0.60 0.00	7.26 0.44 0.00	5.93 0.37 0.00	13.96 0.46 -6.59	16.16 0.04 -15.37	20.29 0.23 -16.22	35.86 0.22 -31.98	27.51 0.44 -19.29	53.72 -0.43 -62.46	21.31 0.27 -16.31	18.18 0.27 -13.34
LOWER_RAQUET___HYD 24057	17.79 -0.70 0.00	16.96 -0.69 0.00	16.96 -0.66 0.00	16.82 -0.66 0.00	16.82 -0.68 0.00	17.95 -0.74 0.00	17.30 -0.71 0.00	17.75 -0.78 0.00	16.33 -0.75 0.00	15.06 -0.68 0.00	7.92 -0.34 0.00	8.11 -0.38 0.00	11.03 -0.58 0.00	9.20 -0.50 0.00	6.47 -0.34 0.00	5.27 -0.28 0.00	6.55 -0.36 0.00	0.71 -0.04 0.00	3.66 -0.18 0.00	3.50 -0.17 0.00	7.43 -0.36 0.00	-7.91 0.39 0.00	4.48 -0.24 0.00	4.33 -0.24 0.00
LOWER___HUDSON 24059	19.09 0.61 0.00	18.25 0.60 0.00	18.14 0.52 0.00	18.02 0.53 0.00	18.06 0.56 0.00	19.27 0.58 0.00	19.86 0.55 -1.30	20.02 0.55 -0.94	18.08 0.50 -0.50	16.16 0.41 0.00	8.42 0.15 0.00	8.68 0.19 0.00	11.92 0.31 0.00	9.94 0.24 0.00	6.99 0.17 0.00	5.70 0.14 0.00	16.91 0.20 -9.80	22.62 0.02 -21.85	26.65 0.12 -22.69	48.59 0.12 -44.82	34.98 0.23 -26.96	78.76 -0.24 -87.32	27.67 0.14 -22.81	23.40 0.13 -18.69
LOWVILLE_115KV_TB2 356335	18.45 -0.04 0.00	17.59 -0.06 0.00	17.62 0.00 0.00	17.48 -0.01 0.00	17.49 -0.01 0.00	18.58 -0.11 0.00	17.89 -0.15 -0.04	18.39 -0.26 -0.12	16.74 -0.36 -0.02	15.33 -0.42 0.00	8.01 -0.25 0.00	8.20 -0.29 0.00	11.19 -0.43 0.00	9.34 -0.35 0.00	6.57 -0.24 0.00	5.34 -0.22 0.00	6.94 -0.27 -0.30	1.41 -0.02 -0.69	4.46 -0.10 -0.72	4.98 -0.08 -1.40	8.46 -0.17 -0.85	-5.24 0.30 -2.76	5.26 -0.18 -0.72	4.93 -0.21 -0.57
LUTHERFT_115KV_GLOB_FND_222 355753	19.34 0.85 0.00	18.47 0.81 0.00	18.37 0.74 0.00	18.23 0.74 0.00	18.28 0.77 0.00	19.53 0.84 0.00	20.15 0.82 -1.33	20.40 0.81 -1.06	18.31 0.72 -0.51	16.35 0.60 0.00	8.51 0.25 0.00	8.79 0.29 0.00	12.06 0.45 0.00	10.08 0.39 0.00	7.08 0.27 0.00	5.78 0.22 0.00	17.27 0.31 -10.05	23.23 0.04 -22.45	27.34 0.19 -23.30	50.09 0.18 -46.24	35.85 0.38 -27.68	80.95 -0.39 -89.64	28.37 0.21 -23.43	24.06 0.20 -19.29
LUTHERNY_35_KV_BK2 355980	19.35 0.86 0.00	18.46 0.80 0.00	18.36 0.74 0.00	18.21 0.73 0.00	18.27 0.77 0.00	19.53 0.83 0.00	20.14 0.81 -1.33	20.40 0.81 -1.06	18.29 0.71 -0.51	16.34 0.59 0.00	8.51 0.25 0.00	8.79 0.30 0.00	12.07 0.46 0.00	10.09 0.39 0.00	7.08 0.26 0.00	5.78 0.22 0.00	17.28 0.31 -10.05	23.23 0.04 -22.45	27.34 0.19 -23.30	50.09 0.18 -46.24	35.85 0.39 -27.68	80.95 -0.39 -89.64	28.38 0.22 -23.43	24.07 0.20 -19.29
LWR___OSWEGATCHIE_HYD 23850	17.88 -0.61 0.00	17.04 -0.61 0.00	17.06 -0.56 0.00	16.93 -0.56 0.00	16.93 -0.57 0.00	18.04 -0.65 0.00	17.40 -0.63 -0.03	17.89 -0.73 -0.09	16.33 -0.76 -0.01	14.99 -0.76 0.00	7.84 -0.42 0.00	8.04 -0.45 0.00	10.94 -0.67 0.00	9.15 -0.55 0.00	6.43 -0.38 0.00	5.23 -0.33 0.00	6.73 -0.40 -0.22	1.22 -0.04 -0.51	4.19 -0.19 -0.53	4.55 -0.16 -1.05	8.07 -0.35 -0.63	-5.82 0.44 -2.04	5.00 -0.26 -0.53	4.70 -0.28 -0.42
LYONS_FALL_HYD 23570	18.59 0.10 0.00	17.73 0.08 0.00	17.74 0.11 0.00	17.59 0.11 0.00	17.60 0.10 0.00	18.71 0.02 0.00	18.03 -0.01 -0.03	18.47 -0.08 -0.03	16.93 -0.17 -0.01	15.53 -0.21 0.00	8.13 -0.13 0.00	8.33 -0.16 0.00	11.38 -0.23 0.00	9.50 -0.20 0.00	6.67 -0.14 0.00	5.43 -0.13 0.00	7.04 -0.15 -0.28	1.39 -0.01 -0.65	4.47 -0.05 -0.68	4.97 -0.04 -1.34	8.52 -0.07 -0.81	-5.55 0.15 -2.61	5.32 -0.09 -0.68	5.02 -0.11 -0.56
MADISON___COUNTY_LFGE 323628	18.93 0.44 0.00	18.07 0.41 0.00	18.05 0.42 0.00	17.89 0.40 0.00	17.91 0.41 0.00	18.99 0.30 0.00	18.35 0.29 -0.05	19.00 0.25 -0.21	17.26 0.15 -0.02	15.87 0.12 0.00	8.32 0.06 0.00	8.54 0.04 0.00	11.65 0.04 0.00	9.72 0.03 0.00	6.82 0.01 0.00	5.57 0.01 0.00	7.39 0.01 -0.47	1.82 0.00 -1.07	4.99 0.03 -1.12	5.89 0.03 -2.19	9.21 0.10 -1.33	-4.10 -0.09 -4.30	5.89 0.04 -1.12	5.53 0.04 -0.91
MALONE___115KV_TB1 356076	18.46 -0.02 0.00	17.54 -0.11 0.00	17.51 -0.12 0.00	17.36 -0.12 0.00	17.38 -0.12 0.00	18.63 -0.06 0.00	18.04 0.03 -0.01	18.60 0.04 -0.03	17.17 0.08 0.00	15.81 0.06 0.00	8.26 0.00 0.00	8.43 -0.06 0.00	11.38 -0.23 0.00	9.47 -0.23 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	6.84 -0.14 -0.07	0.91 -0.01 -0.17	3.97 -0.05 -0.18	4.01 -0.03 -0.38	7.88 -0.11 -0.21	-7.55 0.09 -0.67	4.77 -0.13 -0.17	4.55 -0.15 -0.13
MAPLEWOD_115KV_TB3 80458	19.10 0.61 0.00	18.25 0.60 0.00	18.16 0.53 0.00	18.02 0.53 0.00	18.05 0.55 0.00	19.27 0.58 0.00	19.85 0.55 -1.30	20.12 0.56 -1.04	18.10 0.52 -0.49	16.19 0.44 0.00	8.45 0.19 0.00	8.70 0.21 0.00	11.96 0.34 0.00	9.96 0.27 0.00	7.01 0.20 0.00	5.72 0.16 0.00	16.90 0.22 -9.77	22.54 0.03 -21.77	26.55 0.13 -22.57	48.66 0.13 -44.86	34.85 0.25 -26.82	78.27 -0.25 -86.83	27.55 0.14 -22.68	23.21 0.14 -18.50
MAPLE_RIDGE_WT_1 323574	18.32 -0.16 0.00	17.48 -0.17 0.00	17.48 -0.15 0.00	17.33 -0.15 0.00	17.34 -0.16 0.00	18.49 -0.20 0.00	17.80 -0.20 0.00	18.29 -0.24 0.00	16.89 -0.19 0.00	15.56 -0.19 0.00	8.16 -0.10 0.00	8.38 -0.11 0.00	11.42 -0.19 0.00	9.54 -0.16 0.00	6.72 -0.10 0.00	5.48 -0.08 0.00	6.80 -0.11 0.00	0.74 -0.01 0.00	3.80 -0.05 0.00	3.61 -0.06 0.00	7.62 -0.16 0.00	-8.08 0.23 0.00	4.59 -0.13 0.00	4.42 -0.15 0.00

MAPLE_RIDGE_WT_2 323611	18.32 -0.16 0.00	17.48 -0.17 0.00	17.48 -0.15 0.00	17.33 -0.15 0.00	17.34 -0.16 0.00	18.49 -0.20 0.00	17.80 -0.20 0.00	18.29 -0.24 0.00	16.89 -0.19 0.00	15.56 -0.19 0.00	8.16 -0.10 0.00	8.38 -0.11 0.00	11.42 -0.19 0.00	9.54 -0.16 0.00	6.72 -0.10 0.00	5.48 -0.08 0.00	6.80 -0.11 0.00	0.74 -0.01 0.00	3.80 -0.05 0.00	3.61 -0.06 0.00	7.62 -0.16 0.00	-8.08 0.23 0.00	4.59 -0.13 0.00	4.42 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	18.50 0.02 0.00	17.59 -0.06 0.00	17.51 -0.11 0.00	17.39 -0.10 0.00	17.42 -0.08 0.00	18.68 -0.01 0.00	18.10 0.10 0.00	18.64 0.11 0.00	17.26 0.18 0.00	15.89 0.14 0.00	8.28 0.02 0.00	8.45 -0.04 0.00	11.38 -0.24 0.00	9.44 -0.26 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.77 -0.14 0.00	0.73 -0.01 0.00	3.80 -0.05 0.00	3.64 -0.02 0.00	7.67 -0.11 0.00	-8.25 0.06 0.00	4.58 -0.14 0.00	4.41 -0.16 0.00
MARSHVLE_115KV_TB1 80742	19.86 1.38 0.00	18.91 1.26 0.00	18.92 1.30 0.00	18.76 1.27 0.00	18.75 1.25 0.00	19.98 1.29 0.00	20.87 1.27 -1.60	21.12 1.28 -1.32	18.80 1.11 -0.61	16.75 1.01 0.00	8.76 0.50 0.00	9.03 0.54 0.00	12.28 0.67 0.00	10.31 0.61 0.00	7.23 0.42 0.00	5.92 0.35 0.00	19.39 0.42 -12.06	27.83 0.06 -27.03	32.21 0.26 -28.10	59.56 0.28 -55.62	41.77 0.59 -33.40	99.27 -0.57 -108.15	33.34 0.34 -28.28	28.27 0.31 -23.39
MARSH_HILL_WT_PWR 323713	18.87 0.39 0.00	18.04 0.39 0.00	18.09 0.47 0.00	17.90 0.42 0.00	17.86 0.36 0.00	18.89 0.20 0.00	18.35 0.15 -0.20	20.98 0.14 -2.31	17.27 0.11 -0.08	15.89 0.14 0.00	8.40 0.13 0.00	8.61 0.11 0.00	11.78 0.16 0.00	9.87 0.17 0.00	6.87 0.06 0.00	5.62 0.06 0.00	8.43 0.03 -1.49	4.14 0.01 -3.38	7.40 0.03 -3.53	10.66 0.03 -6.98	12.05 0.07 -4.20	5.18 -0.11 -13.59	8.30 0.03 -3.55	7.51 0.03 -2.91
MCINTYRE_115KV_TB2 80467	18.30 -0.18 0.00	17.45 -0.20 0.00	17.46 -0.16 0.00	17.33 -0.16 0.00	17.33 -0.17 0.00	18.47 -0.22 0.00	17.81 -0.21 -0.01	18.26 -0.31 -0.04	16.77 -0.31 -0.01	15.46 -0.28 0.00	8.14 -0.12 0.00	8.35 -0.14 0.00	11.37 -0.24 0.00	9.49 -0.20 0.00	6.67 -0.15 0.00	5.44 -0.12 0.00	6.87 -0.15 -0.11	0.98 -0.01 -0.24	4.03 -0.07 -0.25	4.14 -0.06 -0.54	7.97 -0.11 -0.30	-7.21 0.13 -0.97	4.89 -0.09 -0.25	4.68 -0.08 -0.19
MECO____69_KV_BK1 80468	20.29 1.80 0.00	19.35 1.70 0.00	19.31 1.68 0.00	19.13 1.64 0.00	19.13 1.63 0.00	20.27 1.58 0.00	20.97 1.44 -1.52	21.02 1.26 -1.24	18.72 1.06 -0.58	16.53 0.79 0.00	8.57 0.31 0.00	8.95 0.45 0.00	12.14 0.53 0.00	10.23 0.53 0.00	7.14 0.33 0.00	6.01 0.44 0.00	18.83 0.47 -11.46	26.46 0.06 -25.65	30.82 0.31 -26.66	56.79 0.34 -52.78	40.19 0.72 -31.69	93.58 -0.72 -102.61	31.97 0.42 -26.83	27.16 0.41 -22.17
MENANDS__115KV_TB5 355628	18.85 0.37 0.00	18.03 0.38 0.00	17.93 0.30 0.00	17.80 0.32 0.00	17.83 0.33 0.00	19.03 0.34 0.00	19.60 0.32 -1.28	19.88 0.32 -1.03	17.89 0.32 -0.49	16.02 0.27 0.00	8.36 0.10 0.00	8.62 0.12 0.00	11.83 0.22 0.00	9.85 0.15 0.00	6.93 0.12 0.00	5.65 0.09 0.00	16.71 0.14 -9.66	22.28 0.01 -21.52	26.24 0.08 -22.31	48.13 0.07 -44.39	34.43 0.14 -26.50	77.38 -0.13 -85.82	27.22 0.08 -22.41	22.89 0.08 -18.23
MG INDUSTRY__DRP 24185	18.93 0.44 0.00	18.10 0.44 0.00	18.01 0.39 0.00	17.88 0.40 0.00	17.91 0.41 0.00	19.12 0.43 0.00	19.66 0.41 -1.25	19.92 0.39 -1.00	17.92 0.36 -0.47	16.05 0.30 0.00	8.39 0.13 0.00	8.64 0.15 0.00	11.86 0.24 0.00	9.88 0.18 0.00	6.94 0.13 0.00	5.67 0.11 0.00	16.45 0.15 -9.39	21.75 0.02 -20.99	25.72 0.09 -21.78	47.15 0.09 -43.39	33.83 0.18 -25.87	75.28 -0.18 -83.77	26.70 0.10 -21.88	22.50 0.10 -17.83
MID__OSWEGATCHIE_HYD 23849	17.88 -0.61 0.00	17.04 -0.61 0.00	17.06 -0.56 0.00	16.93 -0.56 0.00	16.93 -0.57 0.00	18.04 -0.65 0.00	17.40 -0.63 -0.03	17.89 -0.73 -0.09	16.33 -0.76 -0.01	14.99 -0.76 0.00	7.84 -0.42 0.00	8.04 -0.45 0.00	10.94 -0.67 0.00	9.15 -0.55 0.00	6.43 -0.38 0.00	5.23 -0.33 0.00	6.73 -0.40 -0.22	1.22 -0.04 -0.51	4.19 -0.19 -0.53	4.55 -0.16 -1.05	8.07 -0.35 -0.63	-5.82 0.44 -2.04	5.00 -0.26 -0.53	4.70 -0.28 -0.42
MID__RAQUETTE_HYD 23851	17.79 -0.70 0.00	16.96 -0.69 0.00	16.96 -0.66 0.00	16.83 -0.66 0.00	16.83 -0.67 0.00	17.94 -0.75 0.00	17.31 -0.70 -0.02	17.80 -0.78 -0.05	16.34 -0.75 -0.01	15.06 -0.68 0.00	7.92 -0.34 0.00	8.12 -0.38 0.00	11.03 -0.58 0.00	9.20 -0.50 0.00	6.47 -0.34 0.00	5.27 -0.28 0.00	6.67 -0.36 -0.12	1.00 -0.04 -0.28	3.96 -0.18 -0.29	4.10 -0.17 -0.61	7.77 -0.36 -0.35	-6.79 0.39 -1.12	4.78 -0.24 -0.29	4.56 -0.23 -0.22
MILLIKEN__1 23584	18.92 0.43 0.00	18.05 0.40 0.00	18.05 0.43 0.00	17.92 0.43 0.00	17.92 0.42 0.00	18.92 0.23 0.00	18.44 0.25 -0.19	20.35 0.26 -1.56	17.30 0.15 -0.07	15.83 0.08 0.00	8.29 0.03 0.00	8.52 0.03 0.00	11.67 0.05 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.57 0.02 0.00	8.38 0.02 -1.45	4.03 0.01 -3.28	7.33 0.05 -3.43	10.40 0.05 -6.69	12.01 0.14 -4.09	4.77 -0.15 -13.23	8.26 0.07 -3.46	7.54 0.06 -2.91
MILLIKEN__2 23585	18.92 0.43 0.00	18.05 0.40 0.00	18.05 0.43 0.00	17.92 0.43 0.00	17.92 0.42 0.00	18.92 0.23 0.00	18.44 0.25 -0.19	20.35 0.26 -1.56	17.30 0.15 -0.07	15.83 0.08 0.00	8.29 0.03 0.00	8.52 0.03 0.00	11.67 0.05 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.57 0.02 0.00	8.38 0.02 -1.45	4.03 0.01 -3.28	7.33 0.05 -3.43	10.40 0.05 -6.69	12.01 0.14 -4.09	4.77 -0.15 -13.23	8.26 0.07 -3.46	7.54 0.06 -2.91
MILLIKEN__DIESEL 23629	18.92 0.43 0.00	18.05 0.40 0.00	18.05 0.43 0.00	17.92 0.43 0.00	17.92 0.42 0.00	18.92 0.23 0.00	18.44 0.25 -0.19	20.35 0.26 -1.56	17.30 0.15 -0.07	15.83 0.08 0.00	8.29 0.03 0.00	8.52 0.03 0.00	11.67 0.05 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.57 0.02 0.00	8.38 0.02 -1.45	4.03 0.01 -3.28	7.33 0.05 -3.43	10.40 0.05 -6.69	12.01 0.14 -4.09	4.77 -0.15 -13.23	8.26 0.07 -3.46	7.54 0.06 -2.91
MILLSEAT__LFGE 323607	18.33 -0.15 0.00	17.49 -0.16 0.00	17.53 -0.09 0.00	17.32 -0.17 0.00	17.28 -0.22 0.00	18.26 -0.43 0.00	17.62 -0.53 -0.14	16.32 -0.62 1.59	16.55 -0.59 -0.05	15.25 -0.50 0.00	8.06 -0.20 0.00	8.27 -0.23 0.00	11.29 -0.32 0.00	9.47 -0.23 0.00	6.60 -0.21 0.00	5.39 -0.17 0.00	7.73 -0.23 -1.05	3.13 0.00 -2.38	6.26 -0.08 -2.49	8.50 -0.08 -4.92	10.61 -0.13 -2.96	1.33 0.05 -9.58	7.12 -0.11 -2.50	6.54 -0.08 -2.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.60 1.11 0.00	18.73 1.08 0.00	18.71 1.08 0.00	18.58 1.09 0.00	18.57 1.07 0.00	19.78 1.09 0.00	19.99 1.08 -0.91	20.50 1.20 -0.78	18.57 1.14 -0.35	16.81 1.06 0.00	8.79 0.53 0.00	9.04 0.55 0.00	12.41 0.79 0.00	10.32 0.62 0.00	7.27 0.45 0.00	5.94 0.37 0.00	14.22 0.47 -6.84	16.76 0.04 -15.98	20.94 0.23 -16.87	37.05 0.23 -33.16	28.29 0.44 -20.06	56.21 -0.43 -64.95	21.96 0.28 -16.96	18.66 0.27 -13.81

MILLWOOD_13_KV_LOAD 356217	19.63 1.15 0.00	18.77 1.11 0.00	18.74 1.12 0.00	18.61 1.13 0.00	18.60 1.10 0.00	19.81 1.12 0.00	20.03 1.12 -0.91	20.54 1.24 -0.78	18.60 1.18 -0.35	16.84 1.09 0.00	8.81 0.54 0.00	9.06 0.57 0.00	12.43 0.82 0.00	10.34 0.64 0.00	7.28 0.47 0.00	5.95 0.39 0.00	14.23 0.48 -6.84	16.76 0.04 -15.98	20.95 0.24 -16.87	37.06 0.23 -33.16	28.30 0.46 -20.06	56.19 -0.45 -64.95	21.97 0.29 -16.96	18.67 0.28 -13.81
MODEL_CITY_ENERGY 24167	17.49 -1.00 0.00	16.69 -0.96 0.00	16.76 -0.87 0.00	16.53 -0.96 0.00	16.48 -1.02 0.00	17.38 -1.32 0.00	16.74 -1.42 -0.15	15.71 -1.51 1.31	15.82 -1.32 -0.06	14.68 -1.07 0.00	7.81 -0.45 0.00	8.02 -0.47 0.00	10.97 -0.64 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.43 -1.13	3.29 -0.03 -2.57	6.28 -0.25 -2.69	8.71 -0.26 -5.31	10.44 -0.54 -3.19	2.50 0.46 -10.34	7.09 -0.34 -2.70	6.51 -0.28 -2.21
MODERN_LFGE_ 323580	17.49 -1.00 0.00	16.69 -0.96 0.00	16.76 -0.87 0.00	16.53 -0.96 0.00	16.48 -1.02 0.00	17.38 -1.32 0.00	16.74 -1.42 -0.15	15.71 -1.51 1.31	15.82 -1.32 -0.06	14.68 -1.07 0.00	7.81 -0.45 0.00	8.02 -0.47 0.00	10.97 -0.64 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.43 -1.13	3.29 -0.03 -2.57	6.28 -0.25 -2.69	8.71 -0.26 -5.31	10.44 -0.54 -3.19	2.50 0.46 -10.34	7.09 -0.34 -2.70	6.51 -0.28 -2.21
MOHAWK_PAPER___DRP 24187	19.10 0.61 0.00	18.25 0.60 0.00	18.16 0.53 0.00	18.02 0.53 0.00	18.05 0.55 0.00	19.27 0.58 0.00	19.85 0.55 -1.30	20.12 0.56 -1.04	18.10 0.52 -0.49	16.19 0.44 0.00	8.45 0.19 0.00	8.70 0.21 0.00	11.96 0.34 0.00	9.96 0.27 0.00	7.01 0.20 0.00	5.72 0.16 0.00	16.90 0.22 -9.77	22.54 0.03 -21.77	26.55 0.13 -22.57	48.66 0.13 -44.86	34.85 0.25 -26.82	78.27 -0.25 -86.83	27.55 0.14 -22.68	23.21 0.14 -18.50
MOHICAN__35_KV_115KV_LD 80490	19.34 0.85 0.00	18.46 0.81 0.00	18.34 0.71 0.00	18.21 0.73 0.00	18.27 0.77 0.00	19.54 0.85 0.00	20.17 0.83 -1.34	20.40 0.80 -1.07	18.27 0.68 -0.51	16.29 0.54 0.00	8.47 0.21 0.00	8.76 0.27 0.00	12.05 0.43 0.00	10.07 0.37 0.00	7.07 0.26 0.00	5.77 0.22 0.00	17.30 0.32 -10.07	23.27 0.04 -22.48	27.39 0.21 -23.33	50.16 0.19 -46.30	35.92 0.42 -27.72	81.04 -0.42 -89.77	28.41 0.22 -23.46	24.10 0.20 -19.33
MONGAUP___HYD 23641	19.60 1.12 0.00	18.70 1.05 0.00	18.66 1.04 0.00	18.52 1.04 0.00	18.51 1.01 0.00	19.71 1.01 0.00	19.72 0.91 -0.81	20.10 0.99 -0.58	18.27 0.89 -0.31	16.52 0.77 0.00	8.67 0.41 0.00	8.88 0.39 0.00	12.18 0.57 0.00	10.15 0.45 0.00	7.10 0.29 0.00	5.77 0.21 0.00	13.30 0.28 -6.11	15.02 0.03 -14.25	18.99 0.13 -15.01	33.46 0.14 -29.66	25.92 0.29 -17.84	49.18 -0.30 -57.79	20.05 0.23 -15.10	17.19 0.24 -12.37
MONTAUK___DIESEL 23721	20.72 2.23 0.00	23.39 2.29 -3.45	21.63 2.28 -1.73	60.28 2.29 -40.51	71.75 2.29 -51.96	23.06 2.59 -1.78	21.49 2.56 -0.92	22.00 2.69 -0.79	19.82 2.39 -0.35	18.00 2.25 0.00	27.94 1.11 -18.56	31.42 1.14 -21.79	13.07 1.45 0.00	10.91 1.21 0.00	7.89 0.93 -0.15	27.90 0.73 -21.60	17.48 0.95 -9.62	71.50 0.10 -70.66	39.96 0.51 -35.61	41.66 0.49 -37.51	34.28 1.03 -25.47	69.13 -1.05 -78.48	22.57 0.63 -17.21	37.20 0.61 -32.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.77 0.29 0.00	17.87 0.22 0.00	17.91 0.28 0.00	17.67 0.18 0.00	17.65 0.15 0.00	18.74 0.05 0.00	18.18 0.00 -0.17	18.02 0.07 0.58	17.31 0.17 -0.07	16.07 0.32 0.00	8.54 0.28 0.00	8.76 0.26 0.00	11.98 0.37 0.00	9.99 0.30 0.00	6.93 0.12 0.00	5.67 0.11 0.00	8.31 0.11 -1.30	3.71 0.02 -2.94	6.97 0.05 -3.08	9.84 0.03 -6.15	11.51 0.08 -3.65	3.34 -0.18 -11.82	7.85 0.03 -3.09	7.17 0.06 -2.53
MORTIMER_115KV_TB3 55949	18.09 -0.39 0.00	17.26 -0.39 0.00	17.28 -0.34 0.00	17.10 -0.38 0.00	17.10 -0.40 0.00	18.05 -0.64 0.00	17.45 -0.68 -0.13	15.85 -0.75 1.92	16.44 -0.69 -0.05	15.19 -0.56 0.00	8.02 -0.24 0.00	8.25 -0.24 0.00	11.29 -0.32 0.00	9.46 -0.23 0.00	6.60 -0.21 0.00	5.39 -0.17 0.00	7.63 -0.22 -0.94	2.88 -0.02 -2.15	5.98 -0.11 -2.24	7.94 -0.11 -4.39	10.25 -0.20 -2.67	0.50 0.16 -8.65	6.84 -0.15 -2.26	6.29 -0.13 -1.85
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.72 1.23 0.00	18.83 1.18 0.00	18.78 1.16 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.93 1.23 0.00	20.15 1.23 -0.92	20.69 1.38 -0.78	18.75 1.32 -0.35	16.99 1.24 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.38 0.55 -6.92	16.96 0.04 -16.18	21.18 0.26 -17.08	37.49 0.25 -33.56	28.60 0.50 -20.31	56.98 -0.49 -65.77	22.22 0.32 -17.17	18.84 0.32 -13.96
MUNSVILLE_WIND_PWR 323609	19.85 1.36 0.00	18.92 1.27 0.00	18.99 1.36 0.00	18.83 1.34 0.00	18.83 1.33 0.00	19.95 1.26 0.00	19.50 1.22 -0.27	20.86 1.21 -1.13	18.16 0.98 -0.10	16.47 0.72 0.00	8.60 0.34 0.00	8.80 0.31 0.00	12.08 0.46 0.00	10.08 0.38 0.00	7.08 0.27 0.00	5.77 0.21 0.00	9.23 0.24 -2.07	5.51 0.05 -4.71	9.00 0.23 -4.93	13.64 0.25 -9.73	14.19 0.55 -5.85	10.08 -0.57 -18.96	10.00 0.33 -4.95	8.94 0.30 -4.06
N SALMON___HYD 24042	18.46 -0.02 0.00	17.55 -0.11 0.00	17.51 -0.12 0.00	17.36 -0.12 0.00	17.40 -0.11 0.00	18.62 -0.07 0.00	18.03 0.03 0.00	18.57 0.04 0.00	17.16 0.08 0.00	15.81 0.07 0.00	8.26 0.00 0.00	8.44 -0.06 0.00	11.38 -0.23 0.00	9.47 -0.23 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	6.77 -0.14 0.00	0.73 -0.01 0.00	3.79 -0.05 0.00	3.63 -0.03 0.00	7.67 -0.11 0.00	-8.22 0.09 0.00	4.60 -0.13 0.00	4.43 -0.14 0.00
N.AKRON__115KV_KNAPP 355671	18.00 -0.48 0.00	17.17 -0.48 0.00	17.23 -0.39 0.00	17.01 -0.48 0.00	16.99 -0.51 0.00	17.88 -0.81 0.00	17.24 -0.90 -0.15	16.07 -1.00 1.46	16.21 -0.92 -0.05	15.04 -0.71 0.00	7.98 -0.28 0.00	8.19 -0.30 0.00	11.20 -0.41 0.00	9.39 -0.31 0.00	6.54 -0.27 0.00	5.35 -0.21 0.00	7.70 -0.30 -1.09	3.20 -0.02 -2.47	6.30 -0.13 -2.58	8.57 -0.15 -5.06	10.56 -0.30 -3.07	1.86 0.22 -9.94	7.12 -0.20 -2.60	6.53 -0.16 -2.13
N.BELMOR_69_KV_BK1 55787	20.07 1.58 0.00	22.40 1.55 -3.20	20.74 1.52 -1.60	57.10 1.52 -38.09	72.01 1.50 -53.01	22.00 1.66 -1.65	20.56 1.63 -0.92	21.06 1.75 -0.79	19.02 1.59 -0.35	17.25 1.51 0.00	27.59 0.77 -18.56	31.07 0.79 -21.79	12.66 1.04 0.00	10.55 0.85 0.00	7.62 0.66 -0.15	27.70 0.54 -21.60	17.20 0.67 -9.62	71.46 0.05 -70.66	39.78 0.32 -35.61	41.49 0.32 -37.51	33.90 0.64 -25.47	69.51 -0.66 -78.48	22.35 0.41 -17.21	36.98 0.40 -32.01
N.E._GEN_SANDY PD 24062	19.24 0.76 0.00	18.41 0.76 0.00	18.32 0.70 0.00	18.19 0.70 0.00	18.22 0.71 0.00	19.42 0.72 0.00	19.84 0.70 -1.14	20.08 0.73 -0.82	18.32 0.71 -0.53	16.54 0.64 -0.15	8.59 0.28 -0.05	8.79 0.30 0.00	12.07 0.46 0.00	10.35 0.35 -0.30	6.31 0.26 0.76	5.76 0.21 0.01	15.66 0.28 -8.48	19.94 0.03 -19.17	23.99 0.14 -20.00	43.30 0.13 -39.51	31.83 0.27 -23.77	68.40 -0.27 -76.98	25.50 0.16 -20.60	21.22 0.17 -16.48

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.62 1.13 0.00	18.74 1.09 0.00	18.72 1.09 0.00	18.58 1.10 0.00	18.58 1.07 0.00	19.78 1.09 0.00	19.96 1.09 -0.87	20.49 1.21 -0.75	18.55 1.14 -0.33	16.81 1.06 0.00	8.79 0.53 0.00	9.04 0.55 0.00	12.41 0.79 0.00	10.32 0.62 0.00	7.26 0.45 0.00	5.94 0.38 0.00	13.95 0.47 -6.57	16.12 0.04 -15.33	20.26 0.23 -16.18	35.79 0.23 -31.90	27.48 0.46 -19.24	53.54 -0.45 -62.29	21.27 0.28 -16.26	18.16 0.28 -13.31
N. QUEENS_27_KV_LOAD 356247	19.81 1.33 0.00	18.89 1.24 0.00	18.83 1.21 0.00	18.70 1.22 0.00	18.70 1.19 0.00	19.97 1.28 0.00	20.19 1.27 -0.92	20.68 1.37 -0.78	18.75 1.32 -0.35	16.98 1.23 0.00	8.88 0.62 0.01	9.16 0.67 0.00	12.56 0.95 0.00	10.45 0.75 0.00	7.37 0.56 0.00	6.01 0.45 0.00	14.38 0.55 -6.92	16.95 0.04 -16.16	21.17 0.26 -17.07	37.47 0.26 -33.54	28.58 0.50 -20.30	56.93 -0.48 -65.72	22.22 0.34 -17.16	18.86 0.33 -13.95
N. TROY___115KV_TB1 355778	19.09 0.61 0.00	18.25 0.60 0.00	18.14 0.52 0.00	18.01 0.53 0.00	18.06 0.55 0.00	19.27 0.58 0.00	19.86 0.55 -1.30	20.12 0.55 -1.04	18.08 0.50 -0.50	16.16 0.41 0.00	8.42 0.16 0.00	8.68 0.18 0.00	11.92 0.30 0.00	9.94 0.24 0.00	6.99 0.17 0.00	5.70 0.14 0.00	16.92 0.20 -9.81	22.65 0.02 -21.88	26.67 0.12 -22.70	48.94 0.12 -45.17	34.98 0.23 -26.96	78.76 -0.24 -87.32	27.68 0.13 -22.82	23.43 0.13 -18.73
NARROWS_GT1_1 24228	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_2 24229	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_3 24230	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_4 24231	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_5 24232	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_6 24233	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_7 24234	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT1_8 24235	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_1 24236	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_2 24237	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_3 24238	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_4 24239	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05

NARROWS_GT2_5 24240	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_6 24241	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_7 24242	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NARROWS_GT2_8 24243	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.12 0.64 0.00	18.27 0.62 0.00	18.15 0.53 0.00	18.02 0.54 0.00	18.07 0.57 0.00	19.34 0.64 0.00	19.81 0.64 -1.17	20.07 0.59 -0.95	18.01 0.48 -0.45	16.09 0.34 0.00	8.36 0.10 0.00	8.63 0.14 0.00	11.84 0.23 0.00	9.88 0.18 0.00	6.95 0.14 0.00	5.68 0.12 0.00	15.90 0.16 -8.83	20.59 0.03 -19.82	24.62 0.12 -20.65	44.46 0.13 -40.66	32.62 0.29 -24.54	70.87 -0.30 -79.48	25.64 0.16 -20.75	21.56 0.14 -16.85
NCHELSEA_115KV_TR2 355582	19.80 1.32 0.00	18.92 1.27 0.00	18.87 1.25 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.98 1.29 0.00	20.20 1.28 -0.91	20.70 1.39 -0.78	18.74 1.31 -0.35	16.94 1.19 0.00	8.85 0.59 0.00	9.10 0.60 0.00	12.48 0.87 0.00	10.39 0.69 0.00	7.31 0.50 0.00	5.97 0.42 0.00	14.36 0.53 -6.92	16.93 0.04 -16.14	21.13 0.27 -17.02	37.94 0.27 -34.00	28.53 0.55 -20.20	56.57 -0.54 -65.41	22.14 0.33 -17.08	18.90 0.32 -14.01
NEG CAPITAL___MECHNVIL 23645	19.36 0.87 0.00	18.48 0.83 0.00	18.38 0.76 0.00	18.24 0.76 0.00	18.30 0.80 0.00	19.53 0.84 0.00	20.14 0.81 -1.32	20.30 0.81 -0.95	18.31 0.73 -0.50	16.35 0.60 0.00	8.52 0.25 0.00	8.80 0.30 0.00	12.08 0.46 0.00	10.08 0.38 0.00	7.08 0.27 0.00	5.78 0.22 0.00	17.19 0.31 -9.97	23.03 0.04 -22.24	27.14 0.19 -23.11	49.48 0.18 -45.64	35.63 0.38 -27.46	80.22 -0.39 -88.92	28.17 0.21 -23.23	23.81 0.21 -19.03
NEG CENTRAL_HIGH_ACRES 23767	17.93 -0.56 0.00	17.11 -0.55 0.00	17.13 -0.49 0.00	16.95 -0.53 0.00	16.94 -0.56 0.00	17.88 -0.81 0.00	17.25 -0.88 -0.12	15.79 -0.90 1.84	16.30 -0.82 -0.05	15.06 -0.69 0.00	7.94 -0.32 0.00	8.14 -0.36 0.00	11.14 -0.47 0.00	9.33 -0.36 0.00	6.52 -0.30 0.00	5.33 -0.24 0.00	7.53 -0.30 -0.92	2.83 -0.02 -2.10	5.90 -0.15 -2.20	7.86 -0.15 -4.34	10.11 -0.28 -2.61	0.42 0.26 -8.46	6.74 -0.20 -2.21	6.21 -0.18 -1.81
NEG CENTRAL___DRP 24199	18.58 0.09 0.00	17.73 0.08 0.00	17.75 0.12 0.00	17.60 0.12 0.00	17.60 0.10 0.00	18.56 -0.14 0.00	18.01 -0.12 -0.13	28.06 -0.13 -9.66	16.96 -0.17 -0.05	15.58 -0.17 0.00	8.19 -0.07 0.00	8.41 -0.08 0.00	11.51 -0.10 0.00	9.64 -0.06 0.00	6.74 -0.07 0.00	5.50 -0.06 0.00	7.83 -0.08 -1.00	3.01 0.00 -2.27	6.20 -0.02 -2.37	8.24 -0.02 -4.59	10.59 -0.01 -2.82	0.83 0.00 -9.14	7.09 -0.02 -2.39	6.48 -0.03 -1.94
NEG CENTRAL___INDECK 23768	18.84 0.35 0.00	17.97 0.32 0.00	18.00 0.37 0.00	17.80 0.32 0.00	17.80 0.29 0.00	18.84 0.14 0.00	18.28 0.10 -0.17	19.41 -0.01 -0.89	16.97 -0.18 -0.06	15.61 -0.14 0.00	8.21 -0.05 0.00	8.45 -0.04 0.00	11.55 -0.07 0.00	9.69 0.00 0.00	6.76 -0.05 0.00	5.53 -0.04 0.00	8.11 -0.07 -1.27	3.64 0.01 -2.89	6.85 -0.02 -3.02	9.63 0.00 -5.96	11.47 0.10 -3.59	3.13 -0.18 -11.62	7.81 0.05 -3.03	7.11 0.05 -2.49
NEG CENTRAL___SENECA 23627	18.66 0.18 0.00	17.82 0.17 0.00	17.85 0.23 0.00	17.69 0.21 0.00	17.68 0.18 0.00	18.62 -0.07 0.00	18.07 -0.08 -0.15	34.16 -0.08 -15.71	17.00 -0.13 -0.06	15.63 -0.11 0.00	8.24 -0.02 0.00	8.45 -0.05 0.00	11.57 -0.04 0.00	9.68 -0.02 0.00	6.75 -0.06 0.00	5.52 -0.04 0.00	7.94 -0.06 -1.09	3.22 0.00 -2.47	6.42 -0.01 -2.59	8.68 -0.01 -5.02	10.88 0.02 -3.08	1.62 -0.04 -9.97	7.33 0.00 -2.60	6.68 0.00 -2.11
NEG CENTRAL___STATE_STREET 24147	18.74 0.25 0.00	17.82 0.17 0.00	17.85 0.23 0.00	17.72 0.24 0.00	17.76 0.25 0.00	18.78 0.09 0.00	18.29 0.15 -0.13	21.54 0.16 -2.85	17.19 0.06 -0.05	15.75 0.00 0.00	8.23 -0.04 0.00	8.49 0.00 0.00	11.60 -0.02 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.56 0.00 0.00	7.90 0.02 -0.98	2.97 0.00 -2.22	6.21 0.04 -2.33	8.18 0.03 -4.48	10.65 0.09 -2.77	0.56 -0.11 -8.97	7.10 0.03 -2.34	6.46 0.01 -1.88
NEG MILLWOOD___DRP 24198	19.80 1.31 0.00	18.91 1.26 0.00	18.86 1.24 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.98 1.29 0.00	20.21 1.28 -0.93	20.73 1.41 -0.79	18.77 1.33 -0.35	16.97 1.22 0.00	8.87 0.61 0.00	9.12 0.63 0.00	12.51 0.90 0.00	10.41 0.71 0.00	7.33 0.52 0.00	5.99 0.43 0.00	14.46 0.54 -7.01	17.16 0.04 -16.37	21.38 0.27 -17.27	38.24 0.27 -34.31	28.84 0.54 -20.51	57.58 -0.53 -66.42	22.40 0.33 -17.34	19.10 0.32 -14.21
NEG NORTH_FLCLN_SEA 23793	18.72 0.24 0.00	17.78 0.13 0.00	17.70 0.07 0.00	17.57 0.09 0.00	17.60 0.10 0.00	18.93 0.23 0.00	18.34 0.33 -0.01	18.88 0.33 -0.02	17.45 0.36 0.00	16.05 0.30 0.00	8.36 0.09 0.00	8.53 0.03 0.00	11.50 -0.12 0.00	9.53 -0.17 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.90 -0.06 -0.05	0.86 -0.01 -0.12	3.96 -0.01 -0.12	3.98 0.02 -0.30	7.92 -0.01 -0.14	-7.90 -0.05 -0.46	4.76 -0.09 -0.12	4.55 -0.12 -0.09
NEG NORTH_KES_CHATEGAY 23792	18.53 0.04 0.00	17.61 -0.04 0.00	17.54 -0.08 0.00	17.41 -0.08 0.00	17.42 -0.08 0.00	18.71 0.02 0.00	18.11 0.10 -0.01	18.66 0.11 -0.02	17.25 0.17 0.00	15.89 0.14 0.00	8.28 0.02 0.00	8.45 -0.05 0.00	11.37 -0.25 0.00	9.44 -0.25 0.00	6.65 -0.16 0.00	5.43 -0.13 0.00	6.82 -0.14 -0.06	0.87 -0.01 -0.13	3.93 -0.05 -0.14	3.94 -0.02 -0.30	7.84 -0.10 -0.16	-7.73 0.06 -0.52	4.73 -0.13 -0.13	4.51 -0.15 -0.10



NEG NORTH___ALICE_FALLS 23915	18.69 0.21 0.00	17.76 0.11 0.00	17.67 0.05 0.00	17.54 0.06 0.00	17.57 0.06 0.00	18.89 0.19 0.00	18.29 0.28 -0.01	18.85 0.30 -0.02	17.41 0.33 0.00	16.01 0.27 0.00	8.34 0.08 0.00	8.51 0.01 0.00	11.46 -0.15 0.00	9.50 -0.20 0.00	6.69 -0.12 0.00	5.47 -0.09 0.00	6.87 -0.09 -0.05	0.86 -0.01 -0.12	3.96 -0.02 -0.13	3.97 0.01 -0.30	7.91 -0.02 -0.15	-7.87 -0.04 -0.47	4.75 -0.10 -0.12	4.54 -0.12 -0.09
NEG NORTH___LWR_SARANAC 23913	18.69 0.21 0.00	17.76 0.11 0.00	17.67 0.05 0.00	17.54 0.06 0.00	17.57 0.06 0.00	18.89 0.19 0.00	18.29 0.28 -0.01	18.85 0.30 -0.02	17.41 0.33 0.00	16.01 0.27 0.00	8.34 0.08 0.00	8.51 0.01 0.00	11.46 -0.15 0.00	9.50 -0.20 0.00	6.69 -0.12 0.00	5.47 -0.09 0.00	6.87 -0.09 -0.05	0.86 -0.01 -0.12	3.96 -0.02 -0.13	3.97 0.01 -0.30	7.91 -0.02 -0.15	-7.87 -0.04 -0.47	4.75 -0.10 -0.12	4.54 -0.12 -0.09
NEG NORTH___PLATTSBURG 23628	18.69 0.21 0.00	17.76 0.11 0.00	17.67 0.05 0.00	17.55 0.06 0.00	17.59 0.09 0.00	18.87 0.18 0.00	18.28 0.28 0.00	18.83 0.30 0.00	17.41 0.33 0.00	16.01 0.27 0.00	8.34 0.08 0.00	8.51 0.02 0.00	11.46 -0.15 0.00	9.50 -0.20 0.00	6.69 -0.12 0.00	5.47 -0.09 0.00	6.82 -0.09 0.00	0.74 -0.01 0.00	3.83 -0.02 0.00	3.67 0.01 0.00	7.76 -0.02 0.00	-8.34 -0.03 0.00	4.63 -0.09 0.00	4.46 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	17.70 -0.78 0.00	16.89 -0.76 0.00	16.96 -0.66 0.00	16.73 -0.75 0.00	16.72 -0.79 0.00	17.58 -1.12 0.00	16.93 -1.22 -0.15	15.87 -1.32 1.34	15.97 -1.17 -0.06	14.85 -0.90 0.00	7.90 -0.36 0.00	8.12 -0.37 0.00	11.11 -0.51 0.00	9.32 -0.38 0.00	6.48 -0.33 0.00	5.30 -0.26 0.00	7.67 -0.36 -1.12	3.27 -0.02 -2.55	6.31 -0.20 -2.67	8.67 -0.22 -5.23	10.52 -0.44 -3.18	2.33 0.36 -10.28	7.13 -0.28 -2.69	6.54 -0.23 -2.20
NEG WEST___LANCASTR 23811	18.40 -0.08 0.00	17.59 -0.06 0.00	17.65 0.03 0.00	17.45 -0.04 0.00	17.43 -0.07 0.00	18.34 -0.35 0.00	17.73 -0.44 -0.17	16.92 -0.50 1.11	16.76 -0.39 -0.07	15.55 -0.20 0.00	8.26 0.00 0.00	8.49 -0.01 0.00	11.63 0.02 0.00	9.74 0.04 0.00	6.78 -0.04 0.00	5.54 -0.03 0.00	8.12 -0.09 -1.29	3.68 -0.01 -2.94	6.86 -0.07 -3.08	9.43 -0.08 -5.85	11.31 -0.15 -3.67	3.66 0.07 -11.90	7.74 -0.09 -3.11	7.06 -0.07 -2.56
NEG_PENN_ALLEGHNY 23528	18.79 0.30 0.00	17.95 0.30 0.00	17.96 0.34 0.00	17.81 0.33 0.00	17.80 0.29 0.00	18.86 0.16 0.00	18.47 0.17 -0.30	19.67 0.20 -0.94	17.36 0.17 -0.11	15.91 0.16 0.00	8.36 0.09 0.00	8.59 0.09 0.00	11.76 0.14 0.00	9.84 0.14 0.00	6.88 0.07 0.00	5.63 0.06 0.00	9.19 0.06 -2.22	5.80 0.01 -5.05	9.16 0.04 -5.28	14.12 0.04 -10.42	14.14 0.09 -6.27	11.90 -0.10 -20.31	10.09 0.06 -5.31	8.96 0.04 -4.35
NEG___GEN_MONROE 24207	18.21 -0.27 0.00	17.37 -0.28 0.00	17.40 -0.23 0.00	17.21 -0.28 0.00	17.20 -0.30 0.00	18.16 -0.53 0.00	17.54 -0.59 -0.13	15.96 -0.67 1.90	16.50 -0.63 -0.05	15.24 -0.51 0.00	8.05 -0.22 0.00	8.27 -0.22 0.00	11.31 -0.30 0.00	9.48 -0.21 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.65 -0.21 -0.95	2.90 -0.01 -2.17	6.01 -0.10 -2.26	8.05 -0.10 -4.48	10.31 -0.16 -2.69	0.51 0.11 -8.71	6.88 -0.12 -2.28	6.35 -0.11 -1.89
NEPA___ENERGY 23901	18.40 -0.08 0.00	17.60 -0.05 0.00	17.67 0.04 0.00	17.50 0.02 0.00	17.47 -0.03 0.00	18.41 -0.28 0.00	17.89 -0.32 -0.20	18.41 -0.30 -0.18	16.91 -0.25 -0.08	15.63 -0.12 0.00	8.28 0.02 0.00	8.51 0.02 0.00	11.67 0.06 0.00	9.77 0.08 0.00	6.80 -0.02 0.00	5.55 -0.01 0.00	8.37 -0.06 -1.53	4.22 -0.01 -3.47	7.41 -0.06 -3.63	10.88 -0.07 -7.29	11.95 -0.13 -4.30	5.70 0.07 -13.93	8.30 -0.07 -3.64	7.51 -0.06 -2.99
NEVERSINK___HYD 23608	20.11 1.62 0.00	19.21 1.55 0.00	19.24 1.61 0.00	19.11 1.63 0.00	19.06 1.56 0.00	20.29 1.60 0.00	20.26 1.47 -0.79	20.66 1.56 -0.57	18.80 1.41 -0.30	17.02 1.27 0.00	8.96 0.70 0.00	9.16 0.66 0.00	12.55 0.93 0.00	10.41 0.72 0.00	7.32 0.51 0.00	5.98 0.42 0.00	13.44 0.54 -5.99	14.64 0.05 -13.84	18.70 0.30 -14.54	32.71 0.31 -28.73	25.71 0.64 -17.29	47.04 -0.64 -55.98	19.73 0.38 -14.63	16.94 0.38 -11.99
NEWKRMKL_115KV_TB1 55635	18.79 0.30 0.00	17.97 0.32 0.00	17.87 0.24 0.00	17.73 0.25 0.00	17.77 0.26 0.00	18.96 0.27 0.00	19.54 0.25 -1.29	19.81 0.26 -1.03	17.83 0.26 -0.49	15.97 0.23 0.00	8.35 0.08 0.00	8.60 0.10 0.00	11.81 0.19 0.00	9.83 0.13 0.00	6.91 0.10 0.00	5.64 0.08 0.00	16.71 0.11 -9.69	22.36 0.01 -21.60	26.31 0.07 -22.40	48.28 0.06 -44.56	34.51 0.11 -26.61	77.74 -0.10 -86.15	27.29 0.06 -22.50	22.98 0.06 -18.34
NEWTON___FALLS_HYD 23847	17.88 -0.61 0.00	17.04 -0.61 0.00	17.06 -0.56 0.00	16.93 -0.56 0.00	16.93 -0.57 0.00	18.04 -0.65 0.00	17.40 -0.63 -0.03	17.89 -0.73 -0.09	16.33 -0.76 -0.01	14.99 -0.76 0.00	7.84 -0.42 0.00	8.04 -0.45 0.00	10.94 -0.67 0.00	9.15 -0.55 0.00	6.43 -0.38 0.00	5.23 -0.33 0.00	6.73 -0.40 -0.22	1.22 -0.04 -0.51	4.19 -0.19 -0.53	4.55 -0.16 -1.05	8.07 -0.35 -0.63	-5.82 0.44 -2.04	5.00 -0.26 -0.53	4.70 -0.28 -0.42
NGRID_A1_DSASP 323792	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.43 -1.07 0.00	17.32 -1.37 0.00	16.68 -1.47 -0.15	15.68 -1.62 1.23	15.78 -1.36 -0.06	14.66 -1.09 0.00	7.79 -0.46 0.00	8.02 -0.48 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.74 -0.28 -5.36	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.09 -0.36 -2.73	6.49 -0.32 -2.24
NGRID_A2_DSASP 323793	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.43 -1.07 0.00	17.32 -1.37 0.00	16.68 -1.47 -0.15	15.68 -1.62 1.23	15.78 -1.36 -0.06	14.66 -1.09 0.00	7.79 -0.46 0.00	8.02 -0.48 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.74 -0.28 -5.36	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.09 -0.36 -2.73	6.49 -0.32 -2.24
NGRID_A4_DSASP 323807	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.46 -1.04 0.00	17.31 -1.38 0.00	16.67 -1.48 -0.15	15.67 -1.63 1.23	15.73 -1.41 -0.06	14.64 -1.11 0.00	7.80 -0.46 0.00	8.02 -0.47 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.72 -0.28 -5.34	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.10 -0.36 -2.73	6.48 -0.33 -2.24
NIAGARA_115E_LBMP 323715	17.37 -1.11 0.00	16.59 -1.06 0.00	16.65 -0.97 0.00	16.42 -1.06 0.00	16.38 -1.13 0.00	17.26 -1.43 0.00	16.63 -1.53 -0.15	15.64 -1.61 1.28	15.72 -1.42 -0.06	14.59 -1.16 0.00	7.77 -0.49 0.00	7.98 -0.52 0.00	10.90 -0.71 0.00	9.15 -0.55 0.00	6.38 -0.43 0.00	5.22 -0.34 0.00	7.57 -0.47 -1.14	3.30 -0.04 -2.59	6.27 -0.27 -2.70	8.72 -0.29 -5.34	10.42 -0.58 -3.21	2.62 0.52 -10.41	7.08 -0.37 -2.72	6.49 -0.31 -2.23

NIAGARA_115W_LBMP 323714	17.39 -1.09 0.00	16.61 -1.04 0.00	16.67 -0.95 0.00	16.45 -1.03 0.00	16.40 -1.10 0.00	17.29 -1.40 0.00	16.65 -1.50 -0.15	15.64 -1.65 1.23	15.75 -1.39 -0.06	14.63 -1.12 0.00	7.78 -0.48 0.00	8.00 -0.49 0.00	10.94 -0.67 0.00	9.18 -0.51 0.00	6.40 -0.41 0.00	5.23 -0.33 0.00	7.60 -0.45 -1.14	3.30 -0.04 -2.59	6.27 -0.29 -2.71	8.73 -0.29 -5.36	10.40 -0.61 -3.22	2.68 0.55 -10.44	7.08 -0.37 -2.73	6.47 -0.33 -2.24
NIAGARA_230_LBMP 323716	17.56 -0.93 0.00	16.78 -0.88 0.00	16.83 -0.79 0.00	16.62 -0.87 0.00	16.56 -0.94 0.00	17.46 -1.23 0.00	16.82 -1.33 -0.15	15.85 -1.44 1.24	15.92 -1.22 -0.06	14.77 -0.98 0.00	7.86 -0.40 0.00	8.08 -0.42 0.00	11.05 -0.56 0.00	9.27 -0.42 0.00	6.46 -0.36 0.00	5.28 -0.28 0.00	7.65 -0.39 -1.13	3.28 -0.03 -2.57	6.30 -0.23 -2.68	8.71 -0.25 -5.30	10.48 -0.49 -3.19	2.43 0.42 -10.32	7.11 -0.31 -2.70	6.52 -0.27 -2.21
NIAGARA__115KV_198_GIBSON 55903	17.39 -1.09 0.00	16.60 -1.05 0.00	16.67 -0.95 0.00	16.46 -1.03 0.00	16.44 -1.07 0.00	17.28 -1.42 0.00	16.64 -1.51 -0.15	15.63 -1.67 1.23	15.70 -1.44 -0.06	14.62 -1.13 0.00	7.78 -0.48 0.00	8.01 -0.49 0.00	10.95 -0.67 0.00	9.18 -0.51 0.00	6.40 -0.41 0.00	5.23 -0.33 0.00	7.59 -0.46 -1.14	3.30 -0.04 -2.59	6.26 -0.29 -2.71	8.70 -0.29 -5.33	10.40 -0.61 -3.22	2.68 0.55 -10.44	7.09 -0.37 -2.73	6.47 -0.34 -2.23
NIAGARA____ 23760	17.43 -1.06 0.00	16.64 -1.01 0.00	16.70 -0.92 0.00	16.49 -1.00 0.00	16.43 -1.07 0.00	17.34 -1.35 0.00	16.71 -1.44 -0.15	15.75 -1.54 1.24	15.83 -1.31 -0.06	14.69 -1.06 0.00	7.81 -0.45 0.00	8.03 -0.47 0.00	10.98 -0.64 0.00	9.21 -0.49 0.00	6.42 -0.39 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.30 -0.04 -2.59	6.27 -0.28 -2.71	8.73 -0.27 -5.34	10.43 -0.57 -3.21	2.63 0.52 -10.41	7.09 -0.36 -2.72	6.49 -0.31 -2.23
NINE_MILE_1 23575	18.02 -0.46 0.00	17.21 -0.44 0.00	17.20 -0.42 0.00	17.05 -0.44 0.00	17.05 -0.46 0.00	17.96 -0.73 0.00	17.36 -0.72 -0.08	17.84 -0.74 -0.06	16.41 -0.71 -0.03	15.10 -0.64 0.00	7.93 -0.33 0.00	8.16 -0.34 0.00	11.16 -0.45 0.00	9.33 -0.37 0.00	6.54 -0.27 0.00	5.34 -0.22 0.00	7.21 -0.28 -0.58	2.05 -0.03 -1.33	5.09 -0.14 -1.39	6.27 -0.14 -2.74	9.15 -0.28 -1.65	-2.68 0.30 -5.34	5.94 -0.18 -1.39	5.54 -0.17 -1.14
NINE_MILE_2 23744	18.02 -0.46 0.00	17.21 -0.44 0.00	17.20 -0.42 0.00	17.05 -0.43 0.00	17.05 -0.46 0.00	17.96 -0.73 0.00	17.36 -0.72 -0.08	17.84 -0.74 -0.06	16.41 -0.70 -0.03	15.10 -0.64 0.00	7.93 -0.33 0.00	8.16 -0.34 0.00	11.16 -0.45 0.00	9.33 -0.37 0.00	6.54 -0.27 0.00	5.34 -0.22 0.00	7.22 -0.28 -0.58	2.05 -0.03 -1.33	5.09 -0.14 -1.39	6.26 -0.14 -2.74	9.15 -0.28 -1.65	-2.68 0.30 -5.33	5.94 -0.18 -1.39	5.54 -0.17 -1.14
NM_CAPITAL____DRP 24208	18.82 0.34 0.00	18.01 0.36 0.00	17.90 0.28 0.00	17.77 0.28 0.00	17.80 0.30 0.00	19.00 0.31 0.00	19.57 0.29 -1.28	19.85 0.29 -1.03	17.86 0.29 -0.49	16.00 0.25 0.00	8.35 0.09 0.00	8.61 0.11 0.00	11.82 0.20 0.00	9.84 0.14 0.00	6.92 0.11 0.00	5.65 0.09 0.00	16.68 0.12 -9.65	22.25 0.01 -21.49	26.20 0.07 -22.28	48.07 0.07 -44.34	34.38 0.13 -26.47	77.28 -0.12 -85.71	27.18 0.07 -22.38	22.86 0.07 -18.21
NM_CENTRAL____DRP 24181	18.36 -0.13 0.00	17.53 -0.12 0.00	17.51 -0.11 0.00	17.37 -0.12 0.00	17.37 -0.14 0.00	18.32 -0.37 0.00	17.73 -0.37 -0.10	18.51 -0.38 -0.37	16.73 -0.38 -0.04	15.41 -0.34 0.00	8.10 -0.17 0.00	8.32 -0.17 0.00	11.40 -0.21 0.00	9.52 -0.17 0.00	6.67 -0.14 0.00	5.45 -0.11 0.00	7.49 -0.14 -0.72	2.37 -0.01 -1.64	5.50 -0.07 -1.71	6.95 -0.06 -3.35	9.71 -0.11 -2.04	-1.59 0.12 -6.60	6.37 -0.08 -1.72	5.90 -0.08 -1.41
NM_FRONTIER____DRP 24179	17.39 -1.09 0.00	16.60 -1.05 0.00	16.67 -0.95 0.00	16.46 -1.03 0.00	16.44 -1.07 0.00	17.28 -1.42 0.00	16.64 -1.51 -0.15	15.63 -1.67 1.23	15.70 -1.44 -0.06	14.62 -1.13 0.00	7.78 -0.48 0.00	8.01 -0.49 0.00	10.95 -0.67 0.00	9.18 -0.51 0.00	6.40 -0.41 0.00	5.23 -0.33 0.00	7.59 -0.46 -1.14	3.30 -0.04 -2.59	6.26 -0.29 -2.71	8.70 -0.29 -5.33	10.40 -0.61 -3.22	2.68 0.55 -10.44	7.09 -0.37 -2.73	6.47 -0.34 -2.23
NM_ST_REGIS____HYD 24053	17.97 -0.52 0.00	17.11 -0.54 0.00	17.11 -0.52 0.00	16.97 -0.51 0.00	16.98 -0.52 0.00	18.13 -0.57 0.00	17.50 -0.51 -0.01	18.01 -0.56 -0.04	16.56 -0.53 -0.01	15.26 -0.49 0.00	8.01 -0.25 0.00	8.20 -0.29 0.00	11.13 -0.49 0.00	9.27 -0.42 0.00	6.52 -0.29 0.00	5.32 -0.24 0.00	6.72 -0.30 -0.11	0.98 -0.03 -0.26	3.97 -0.15 -0.27	4.09 -0.13 -0.56	7.81 -0.29 -0.32	-6.96 0.31 -1.03	4.79 -0.21 -0.27	4.56 -0.21 -0.20
NORTHPORT____1 23551	20.03 1.54 0.00	22.66 1.55 -3.46	20.90 1.54 -1.73	59.66 1.57 -40.60	61.24 1.56 -42.18	22.13 1.66 -1.79	20.59 1.67 -0.92	20.96 1.77 -0.66	19.00 1.57 -0.35	17.28 1.53 0.00	27.59 0.77 -18.56	31.09 0.81 -21.79	12.65 1.03 0.00	10.54 0.84 0.00	7.62 0.66 -0.15	27.70 0.54 -21.60	17.20 0.66 -9.63	71.49 0.06 -70.68	39.79 0.33 -35.62	41.69 0.33 -37.70	33.91 0.65 -25.47	69.53 -0.65 -78.48	22.36 0.42 -17.22	37.10 0.41 -32.12
NORTHPORT____2 23552	20.03 1.54 0.00	22.66 1.55 -3.46	20.90 1.54 -1.73	59.66 1.57 -40.60	61.24 1.56 -42.18	22.13 1.66 -1.79	20.59 1.67 -0.92	20.96 1.77 -0.66	19.00 1.57 -0.35	17.28 1.53 0.00	27.59 0.77 -18.56	31.09 0.81 -21.79	12.65 1.03 0.00	10.54 0.84 0.00	7.62 0.66 -0.15	27.70 0.54 -21.60	17.20 0.66 -9.63	71.49 0.06 -70.68	39.79 0.33 -35.62	41.69 0.33 -37.70	33.91 0.65 -25.47	69.53 -0.65 -78.48	22.36 0.42 -17.22	37.10 0.41 -32.12
NORTHPORT____3 23553	20.00 1.52 0.00	22.62 1.52 -3.46	20.84 1.49 -1.73	59.54 1.52 -40.54	61.14 1.51 -42.13	22.09 1.62 -1.78	20.54 1.62 -0.92	20.91 1.72 -0.66	18.98 1.55 -0.35	17.22 1.48 0.00	27.57 0.74 -18.56	31.07 0.78 -21.79	12.63 1.01 0.00	10.52 0.82 0.00	7.60 0.64 -0.15	27.69 0.52 -21.60	17.19 0.65 -9.63	71.49 0.06 -70.68	39.79 0.33 -35.62	41.69 0.32 -37.70	33.90 0.64 -25.47	69.54 -0.63 -78.48	22.35 0.41 -17.22	37.09 0.40 -32.12
NORTHPORT____4 23650	20.00 1.52 0.00	22.62 1.52 -3.46	20.84 1.49 -1.73	59.54 1.52 -40.54	61.14 1.51 -42.13	22.09 1.62 -1.78	20.54 1.62 -0.92	20.91 1.72 -0.66	18.98 1.55 -0.35	17.22 1.48 0.00	27.57 0.74 -18.56	31.07 0.78 -21.79	12.63 1.01 0.00	10.52 0.82 0.00	7.60 0.64 -0.15	27.69 0.52 -21.60	17.19 0.65 -9.63	71.49 0.06 -70.68	39.79 0.33 -35.62	41.69 0.32 -37.70	33.90 0.64 -25.47	69.54 -0.63 -78.48	22.35 0.41 -17.22	37.09 0.40 -32.12
NORTHPORT____IC 23718	20.03 1.54 0.00	22.66 1.55 -3.46	20.90 1.54 -1.73	59.66 1.57 -40.60	61.24 1.56 -42.18	22.13 1.66 -1.79	20.59 1.67 -0.92	20.96 1.77 -0.66	19.00 1.57 -0.35	17.28 1.53 0.00	27.59 0.77 -18.56	31.09 0.81 -21.79	12.65 1.03 0.00	10.54 0.84 0.00	7.62 0.66 -0.15	27.70 0.54 -21.60	17.20 0.66 -9.63	71.49 0.06 -70.68	39.79 0.33 -35.62	41.69 0.33 -37.70	33.91 0.65 -25.47	69.53 -0.65 -78.48	22.36 0.42 -17.22	37.10 0.41 -32.12

NORTH__COUNTRY_ESR 323785	18.47 -0.02 0.00	17.55 -0.10 0.00	17.49 -0.14 0.00	17.36 -0.12 0.00	17.39 -0.11 0.00	18.64 -0.05 0.00	18.06 0.06 0.00	18.59 0.06 0.00	17.21 0.13 0.00	15.85 0.11 0.00	8.27 0.01 0.00	8.44 -0.05 0.00	11.36 -0.25 0.00	9.43 -0.27 0.00	6.65 -0.17 0.00	5.42 -0.14 0.00	6.76 -0.15 0.00	0.73 -0.02 0.00	3.79 -0.06 0.00	3.63 -0.03 0.00	7.66 -0.13 0.00	-8.22 0.09 0.00	4.58 -0.15 0.00	4.41 -0.16 0.00
NPX_GEN_1385_PROXY 323591	19.58 1.09 0.00	22.26 1.15 -3.46	20.59 1.23 -1.73	59.45 1.37 -40.60	60.88 1.19 -42.18	21.57 1.09 -1.79	20.01 1.09 -0.92	20.35 1.15 -0.66	18.35 0.92 -0.35	16.87 1.12 0.00	27.43 0.61 -18.56	30.91 0.62 -21.79	12.34 0.72 0.00	10.21 0.51 0.00	7.45 0.49 -0.15	27.55 0.38 -21.60	16.95 0.41 -9.63	71.59 0.04 -70.81	39.66 0.19 -35.62	41.58 0.21 -37.70	28.26 0.39 -20.09	60.16 -0.32 -68.78	22.19 0.25 -17.22	36.59 0.24 -31.78
NPX_GEN_CSC 323557	20.06 1.57 0.00	22.81 1.71 -3.45	21.05 1.69 -1.73	59.69 1.70 -40.51	61.31 1.70 -42.10	22.35 1.88 -1.78	20.80 1.88 -0.92	21.17 1.98 -0.66	19.17 1.74 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.13 0.00	10.60 0.91 0.00	7.67 0.70 -0.15	27.70 0.54 -21.60	17.24 0.69 -9.63	71.62 0.06 -70.81	39.81 0.35 -35.62	41.70 0.33 -37.70	33.93 0.67 -25.47	69.48 -0.69 -78.48	22.39 0.44 -17.22	37.15 0.46 -32.12
NSINS_S_GLNS_FALLS 23858	19.34 0.85 0.00	18.46 0.81 0.00	18.34 0.71 0.00	18.21 0.72 0.00	18.27 0.77 0.00	19.54 0.85 0.00	20.17 0.83 -1.34	20.40 0.81 -1.07	18.28 0.68 -0.51	16.29 0.54 0.00	8.47 0.21 0.00	8.76 0.27 0.00	12.05 0.43 0.00	10.08 0.38 0.00	7.07 0.26 0.00	5.78 0.22 0.00	17.31 0.32 -10.08	23.29 0.04 -22.50	27.42 0.21 -23.36	50.20 0.19 -46.34	35.95 0.42 -27.75	81.14 -0.42 -89.87	28.44 0.22 -23.49	24.12 0.19 -19.35
NUCOR_STEEL__DRP 24197	18.70 0.22 0.00	17.80 0.15 0.00	17.84 0.21 0.00	17.71 0.22 0.00	17.73 0.23 0.00	18.64 -0.06 0.00	18.14 0.01 -0.13	20.00 0.01 -1.46	17.07 -0.06 -0.05	15.66 -0.09 0.00	8.21 -0.06 0.00	8.45 -0.04 0.00	11.57 -0.04 0.00	9.69 -0.01 0.00	6.78 -0.03 0.00	5.52 -0.04 0.00	7.82 -0.04 -0.95	2.89 0.00 -2.15	6.10 0.01 -2.25	8.01 0.00 -4.35	10.49 0.03 -2.68	0.32 -0.04 -8.67	6.98 -0.01 -2.27	6.43 0.00 -1.86
NUMBER_THREE_WT_PWR 323818	18.42 -0.07 0.00	17.57 -0.09 0.00	17.59 -0.04 0.00	17.45 -0.04 0.00	17.46 -0.04 0.00	18.55 -0.14 0.00	17.87 -0.17 -0.04	18.27 -0.28 -0.03	16.71 -0.39 -0.02	15.30 -0.44 0.00	8.00 -0.26 0.00	8.19 -0.30 0.00	11.17 -0.45 0.00	9.33 -0.37 0.00	6.56 -0.25 0.00	5.33 -0.23 0.00	6.93 -0.28 -0.30	1.42 -0.02 -0.69	4.46 -0.11 -0.72	5.00 -0.09 -1.43	8.45 -0.19 -0.86	-5.20 0.33 -2.78	5.26 -0.19 -0.72	4.95 -0.22 -0.59
NYISO_LBMP_REFERENCE 24008	18.48 0.00 0.00	17.65 0.00 0.00	17.62 0.00 0.00	17.49 0.00 0.00	17.50 0.00 0.00	18.69 0.00 0.00	18.00 0.00 0.00	18.53 0.00 0.00	17.08 0.00 0.00	15.75 0.00 0.00	8.26 0.00 0.00	8.50 0.00 0.00	11.61 0.00 0.00	9.70 0.00 0.00	6.81 0.00 0.00	5.56 0.00 0.00	6.91 0.00 0.00	0.75 0.00 0.00	3.85 0.00 0.00	3.66 0.00 0.00	7.78 0.00 0.00	-8.31 0.00 0.00	4.73 0.00 0.00	4.57 0.00 0.00
NYPA_BRENTWD__GT 24164	20.19 1.71 0.00	22.80 1.71 -3.44	21.03 1.68 -1.72	59.59 1.70 -40.41	61.22 1.71 -42.01	22.30 1.83 -1.78	20.77 1.85 -0.92	21.14 1.95 -0.66	19.17 1.74 -0.35	17.41 1.66 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.62 0.92 0.00	7.67 0.72 -0.15	27.74 0.58 -21.60	17.27 0.72 -9.63	71.49 0.06 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.96 0.71 -25.47	69.47 -0.71 -78.48	22.42 0.47 -17.22	37.15 0.46 -32.12
NYPA_GOWANUS__GT5 24156	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NYPA_GOWANUS__GT6 24157	19.80 1.32 0.00	18.90 1.25 0.00	18.85 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.66 1.47 -0.66	18.83 1.40 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.42 0.58 -6.93	16.98 0.05 -16.19	21.20 0.28 -17.07	37.67 0.28 -33.73	28.62 0.54 -20.30	56.90 -0.51 -65.72	22.24 0.35 -17.17	18.97 0.34 -14.05
NYPA_HARLEM_RVR_GT1 24160	19.78 1.29 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.54 1.36 -0.66	18.73 1.31 -0.34	16.97 1.22 0.00	8.87 0.62 0.01	9.16 0.66 0.00	12.55 0.94 0.00	10.44 0.74 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.55 -6.93	16.98 0.04 -16.19	21.18 0.25 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.22 0.33 -17.17	18.96 0.33 -14.05
NYPA_HARLEM_RVR_GT2 24161	19.78 1.29 0.00	18.86 1.21 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.54 1.36 -0.66	18.73 1.31 -0.34	16.97 1.22 0.00	8.87 0.62 0.01	9.16 0.66 0.00	12.55 0.94 0.00	10.44 0.74 0.00	7.36 0.55 0.00	6.00 0.44 0.00	14.38 0.55 -6.93	16.98 0.04 -16.19	21.18 0.25 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.22 0.33 -17.17	18.96 0.33 -14.05
NYPA_KENT__GT 24152	19.79 1.30 0.00	18.89 1.23 0.00	18.84 1.22 0.00	18.72 1.23 0.00	18.72 1.21 0.00	19.97 1.28 0.00	20.19 1.27 -0.92	20.64 1.45 -0.66	18.82 1.39 -0.35	17.06 1.31 0.00	8.93 0.67 0.00	9.18 0.68 0.00	12.60 0.98 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.46 0.00	14.41 0.57 -6.93	16.98 0.04 -16.19	21.19 0.27 -17.07	37.67 0.27 -33.73	28.60 0.53 -20.30	56.90 -0.51 -65.72	22.24 0.34 -17.17	18.96 0.34 -14.05
NYPA_POUCH1__GT 24155	19.77 1.28 0.00	18.86 1.21 0.00	18.82 1.20 0.00	18.72 1.23 0.00	18.71 1.21 0.00	19.97 1.27 0.00	20.18 1.26 -0.92	20.63 1.44 -0.66	18.75 1.32 -0.35	16.97 1.22 0.00	8.88 0.62 0.00	9.11 0.61 0.00	12.50 0.89 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.98 0.42 0.00	14.36 0.53 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.58 0.50 -20.30	56.96 -0.45 -65.72	22.23 0.33 -17.17	18.96 0.33 -14.05
NYPA_VERNON__GT2 24162	19.77 1.28 0.00	18.88 1.22 0.00	18.83 1.21 0.00	18.71 1.22 0.00	18.70 1.20 0.00	19.96 1.26 0.00	20.17 1.25 -0.92	20.61 1.43 -0.66	18.80 1.37 -0.35	17.04 1.29 0.00	8.92 0.66 0.00	9.18 0.68 0.00	12.58 0.97 0.00	10.46 0.77 0.00	7.37 0.56 0.00	6.02 0.46 0.00	14.40 0.57 -6.93	16.98 0.04 -16.19	21.19 0.27 -17.07	37.66 0.27 -33.73	28.60 0.52 -20.30	56.91 -0.50 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05



ONONDAGA_REF_OCCRA 23987	18.50 0.01 0.00	17.66 0.01 0.00	17.65 0.02 0.00	17.50 0.01 0.00	17.50 -0.01 0.00	18.47 -0.22 0.00	17.90 -0.22 -0.12	18.88 -0.23 -0.58	16.88 -0.25 -0.04	15.52 -0.23 0.00	8.15 -0.11 0.00	8.38 -0.12 0.00	11.47 -0.14 0.00	9.59 -0.11 0.00	6.72 -0.09 0.00	5.49 -0.07 0.00	7.68 -0.09 -0.86	2.70 -0.01 -1.96	5.85 -0.04 -2.05	7.66 -0.03 -4.03	10.16 -0.06 -2.43	-0.37 0.06 -7.88	6.74 -0.05 -2.06	6.24 -0.05 -1.71
ONONDAGA___COGEN 23986	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.26 0.00	17.87 -0.24 -0.11	19.22 -0.26 -0.95	16.85 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.12 0.00	11.46 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.81	2.59 -0.01 -1.85	5.74 -0.04 -1.94	7.35 -0.04 -3.73	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.05 -1.95	6.10 -0.06 -1.59
ONTARIO___LFGE 23819	18.66 0.18 0.00	17.83 0.17 0.00	17.85 0.23 0.00	17.69 0.20 0.00	17.65 0.15 0.00	18.64 -0.05 0.00	18.07 -0.08 -0.15	34.16 -0.08 -15.71	17.02 -0.12 -0.06	15.64 -0.11 0.00	8.24 -0.02 0.00	8.44 -0.05 0.00	11.57 -0.05 0.00	9.68 -0.02 0.00	6.75 -0.06 0.00	5.52 -0.04 0.00	7.94 -0.06 -1.09	3.23 0.00 -2.48	6.43 -0.01 -2.59	8.77 -0.01 -5.12	10.88 0.02 -3.08	1.62 -0.04 -9.97	7.33 -0.01 -2.61	6.70 -0.01 -2.13
ORANGEVILLE_WT_PWR 323706	18.27 -0.22 0.00	17.45 -0.20 0.00	17.51 -0.11 0.00	17.30 -0.18 0.00	17.26 -0.25 0.00	18.22 -0.47 0.00	17.64 -0.54 -0.18	20.05 -0.58 -2.11	16.67 -0.48 -0.07	15.41 -0.34 0.00	8.17 -0.09 0.00	8.39 -0.10 0.00	11.49 -0.13 0.00	9.63 -0.06 0.00	6.70 -0.11 0.00	5.48 -0.08 0.00	8.12 -0.14 -1.34	3.80 -0.01 -3.06	6.96 -0.08 -3.19	9.88 -0.09 -6.31	11.40 -0.18 -3.80	4.12 0.13 -12.30	7.81 -0.12 -3.21	7.10 -0.10 -2.63
ORANGEVILLE___ESR 323794	18.27 -0.22 0.00	17.45 -0.20 0.00	17.51 -0.11 0.00	17.30 -0.18 0.00	17.26 -0.25 0.00	18.22 -0.47 0.00	17.64 -0.54 -0.18	20.05 -0.58 -2.11	16.67 -0.48 -0.07	15.41 -0.34 0.00	8.17 -0.09 0.00	8.39 -0.10 0.00	11.49 -0.13 0.00	9.63 -0.06 0.00	6.70 -0.11 0.00	5.48 -0.08 0.00	8.12 -0.14 -1.34	3.80 -0.01 -3.06	6.96 -0.08 -3.19	9.88 -0.09 -6.31	11.40 -0.18 -3.80	4.12 0.13 -12.30	7.81 -0.12 -3.21	7.10 -0.10 -2.63
OSWEGATCHIE___HYD 24044	17.88 -0.61 0.00	17.04 -0.61 0.00	17.06 -0.56 0.00	16.93 -0.55 0.00	16.94 -0.56 0.00	18.04 -0.65 0.00	17.41 -0.62 -0.03	17.82 -0.73 -0.02	16.33 -0.77 -0.01	14.99 -0.76 0.00	7.84 -0.42 0.00	8.04 -0.45 0.00	10.94 -0.67 0.00	9.15 -0.55 0.00	6.43 -0.38 0.00	5.23 -0.33 0.00	6.73 -0.40 -0.22	1.22 -0.03 -0.51	4.19 -0.19 -0.53	4.55 -0.17 -1.05	8.07 -0.35 -0.63	-5.82 0.44 -2.04	5.00 -0.26 -0.53	4.73 -0.28 -0.44
OSWEGO___5 23606	18.15 -0.34 0.00	17.33 -0.32 0.00	17.32 -0.30 0.00	17.17 -0.32 0.00	17.17 -0.34 0.00	18.07 -0.62 0.00	17.48 -0.61 -0.09	17.96 -0.63 -0.06	16.52 -0.60 -0.03	15.20 -0.55 0.00	7.98 -0.28 0.00	8.21 -0.29 0.00	11.23 -0.38 0.00	9.39 -0.31 0.00	6.58 -0.23 0.00	5.37 -0.19 0.00	7.33 -0.24 -0.66	2.22 -0.02 -1.50	5.29 -0.12 -1.57	6.64 -0.11 -3.09	9.41 -0.23 -1.86	-2.04 0.24 -6.02	6.15 -0.15 -1.57	5.71 -0.15 -1.29
OSWEGO___6 23613	18.15 -0.34 0.00	17.33 -0.32 0.00	17.32 -0.30 0.00	17.17 -0.32 0.00	17.17 -0.34 0.00	18.07 -0.62 0.00	17.48 -0.61 -0.09	17.96 -0.63 -0.06	16.52 -0.60 -0.03	15.20 -0.55 0.00	7.98 -0.28 0.00	8.21 -0.29 0.00	11.23 -0.38 0.00	9.39 -0.31 0.00	6.58 -0.23 0.00	5.37 -0.19 0.00	7.33 -0.24 -0.66	2.22 -0.02 -1.50	5.29 -0.12 -1.57	6.64 -0.11 -3.09	9.41 -0.23 -1.86	-2.04 0.24 -6.02	6.15 -0.15 -1.57	5.71 -0.15 -1.29
OUTOKUMPU-AB___DRP 24206	17.88 -0.60 0.00	17.07 -0.58 0.00	17.13 -0.49 0.00	16.91 -0.58 0.00	16.89 -0.61 0.00	17.75 -0.94 0.00	17.11 -1.04 -0.15	16.15 -1.16 1.23	16.14 -1.00 -0.06	15.02 -0.73 0.00	7.99 -0.27 0.00	8.22 -0.28 0.00	11.23 -0.38 0.00	9.42 -0.28 0.00	6.56 -0.25 0.00	5.37 -0.20 0.00	7.78 -0.29 -1.16	3.36 -0.02 -2.64	6.43 -0.18 -2.76	8.88 -0.19 -5.41	10.69 -0.37 -3.28	2.61 0.30 -10.62	7.26 -0.24 -2.78	6.64 -0.20 -2.27
OXBOW____ 24026	17.70 -0.78 0.00	16.90 -0.75 0.00	16.96 -0.66 0.00	16.74 -0.74 0.00	16.69 -0.82 0.00	17.59 -1.10 0.00	16.95 -1.21 -0.15	15.96 -1.34 1.23	16.01 -1.13 -0.06	14.86 -0.88 0.00	7.91 -0.35 0.00	8.12 -0.37 0.00	11.11 -0.50 0.00	9.33 -0.37 0.00	6.50 -0.31 0.00	5.32 -0.24 0.00	7.72 -0.34 -1.15	3.34 -0.03 -2.62	6.36 -0.22 -2.74	8.84 -0.23 -5.41	10.58 -0.46 -3.25	2.63 0.40 -10.54	7.19 -0.29 -2.75	6.57 -0.25 -2.26
OXY_CHEM_DSASP 323612	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.46 -1.04 0.00	17.31 -1.38 0.00	16.67 -1.48 -0.15	15.67 -1.63 1.23	15.73 -1.41 -0.06	14.64 -1.11 0.00	7.80 -0.46 0.00	8.02 -0.47 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.72 -0.28 -5.34	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.10 -0.36 -2.73	6.48 -0.33 -2.24
OZONE_PARK_ESR 323760	19.85 1.37 0.00	18.96 1.31 0.00	18.92 1.30 0.00	18.79 1.31 0.00	18.79 1.28 0.00	20.04 1.35 0.00	20.25 1.34 -0.92	20.82 1.51 -0.78	18.89 1.46 -0.35	17.11 1.37 0.00	8.96 0.70 0.00	9.21 0.71 0.00	12.64 1.03 0.00	10.51 0.81 0.00	7.40 0.59 0.00	6.05 0.48 0.00	14.43 0.60 -6.91	16.94 0.05 -16.15	21.19 0.29 -17.05	37.46 0.29 -33.51	28.62 0.57 -20.28	56.79 -0.56 -65.65	22.23 0.36 -17.14	18.87 0.36 -13.94
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.46 -1.04 0.00	17.31 -1.38 0.00	16.67 -1.48 -0.15	15.67 -1.63 1.23	15.73 -1.41 -0.06	14.64 -1.11 0.00	7.80 -0.46 0.00	8.02 -0.47 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.72 -0.28 -5.34	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.10 -0.36 -2.73	6.48 -0.33 -2.24
PACKARD___115KV_DUPONT_184 80571	17.43 -1.06 0.00	16.64 -1.01 0.00	16.71 -0.92 0.00	16.49 -1.00 0.00	16.46 -1.04 0.00	17.31 -1.38 0.00	16.67 -1.48 -0.15	15.67 -1.63 1.23	15.73 -1.41 -0.06	14.64 -1.11 0.00	7.80 -0.46 0.00	8.02 -0.47 0.00	10.97 -0.65 0.00	9.20 -0.49 0.00	6.41 -0.40 0.00	5.24 -0.32 0.00	7.61 -0.44 -1.14	3.31 -0.04 -2.60	6.28 -0.28 -2.71	8.72 -0.28 -5.34	10.42 -0.59 -3.23	2.68 0.53 -10.45	7.10 -0.36 -2.73	6.48 -0.33 -2.24
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.76 1.27 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.67 1.19 0.00	18.67 1.17 0.00	19.92 1.23 0.00	20.15 1.23 -0.92	20.71 1.39 -0.78	18.79 1.36 -0.35	17.01 1.27 0.00	8.91 0.65 0.00	9.16 0.66 0.00	12.56 0.94 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.00 0.44 0.00	14.38 0.55 -6.92	16.95 0.04 -16.16	21.17 0.26 -17.07	37.47 0.26 -33.54	28.58 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.33 -17.16	18.85 0.33 -13.95

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.76 1.27 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.19 0.00	18.67 1.16 0.00	19.89 1.20 0.00	20.13 1.21 -0.92	20.66 1.35 -0.78	18.76 1.33 -0.35	17.00 1.25 0.00	8.91 0.64 0.00	9.14 0.65 0.00	12.55 0.94 0.00	10.41 0.71 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.36 0.53 -6.92	16.95 0.04 -16.16	21.16 0.25 -17.07	37.46 0.25 -33.54	28.56 0.48 -20.30	56.95 -0.46 -65.72	22.20 0.32 -17.16	18.85 0.33 -13.95
PATROON__115KV_TB1 80586	18.84 0.35 0.00	18.02 0.37 0.00	17.91 0.29 0.00	17.78 0.30 0.00	17.81 0.31 0.00	19.01 0.32 0.00	19.59 0.30 -1.29	19.87 0.31 -1.03	17.87 0.30 -0.49	16.01 0.26 0.00	8.37 0.10 0.00	8.62 0.12 0.00	11.84 0.22 0.00	9.86 0.15 0.00	6.93 0.11 0.00	5.66 0.09 0.00	16.77 0.13 -9.73	22.44 0.01 -21.68	26.41 0.08 -22.49	48.45 0.07 -44.71	34.63 0.14 -26.71	78.05 -0.13 -86.48	27.39 0.07 -22.59	23.07 0.08 -18.42
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.33 -0.16 0.00	17.51 -0.14 0.00	17.57 -0.06 0.00	17.36 -0.13 0.00	17.33 -0.17 0.00	18.23 -0.46 0.00	17.62 -0.55 -0.17	16.80 -0.62 1.12	16.65 -0.50 -0.06	15.46 -0.29 0.00	8.22 -0.04 0.00	8.44 -0.05 0.00	11.57 -0.05 0.00	9.68 -0.01 0.00	6.74 -0.07 0.00	5.51 -0.05 0.00	8.05 -0.12 -1.26	3.59 -0.01 -2.85	6.75 -0.08 -2.99	9.31 -0.10 -5.74	11.16 -0.18 -3.56	3.30 0.10 -11.52	7.62 -0.12 -3.01	6.95 -0.09 -2.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.80 1.31 0.00	18.91 1.26 0.00	18.86 1.24 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.98 1.29 0.00	20.21 1.28 -0.93	20.73 1.41 -0.79	18.77 1.33 -0.35	16.97 1.22 0.00	8.87 0.61 0.00	9.12 0.63 0.00	12.51 0.90 0.00	10.41 0.71 0.00	7.33 0.52 0.00	5.99 0.43 0.00	14.46 0.54 -7.01	17.16 0.04 -16.37	21.38 0.27 -17.27	38.24 0.27 -34.31	28.84 0.54 -20.51	57.58 -0.53 -66.42	22.40 0.33 -17.34	19.10 0.32 -14.21
PEEKSKILL____ 23653	19.58 1.10 0.00	18.72 1.07 0.00	18.70 1.07 0.00	18.56 1.08 0.00	18.56 1.06 0.00	19.76 1.07 0.00	19.97 1.07 -0.90	20.36 1.19 -0.65	18.55 1.12 -0.34	16.79 1.04 0.00	8.78 0.52 0.00	9.04 0.54 0.00	12.39 0.78 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.93 0.37 0.00	14.18 0.46 -6.81	16.69 0.04 -15.91	20.84 0.22 -16.77	37.02 0.22 -33.13	28.16 0.44 -19.94	55.82 -0.43 -64.56	21.86 0.27 -16.86	18.68 0.27 -13.83
PGE MADISON__WINDPWR 24146	19.85 1.36 0.00	18.92 1.27 0.00	18.99 1.36 0.00	18.83 1.34 0.00	18.83 1.33 0.00	19.95 1.26 0.00	19.50 1.22 -0.27	20.86 1.21 -1.13	18.16 0.98 -0.10	16.47 0.72 0.00	8.60 0.34 0.00	8.80 0.31 0.00	12.08 0.46 0.00	10.08 0.38 0.00	7.08 0.27 0.00	5.77 0.21 0.00	9.23 0.24 -2.07	5.51 0.05 -4.71	9.00 0.23 -4.93	13.64 0.25 -9.73	14.19 0.55 -5.85	10.08 -0.57 -18.96	10.00 0.33 -4.95	8.94 0.30 -4.06
PIERCEFIELD__HYD 23852	17.79 -0.70 0.00	16.96 -0.69 0.00	16.96 -0.66 0.00	16.83 -0.66 0.00	16.83 -0.67 0.00	17.94 -0.75 0.00	17.31 -0.70 -0.02	17.80 -0.78 -0.05	16.34 -0.75 -0.01	15.06 -0.68 0.00	7.92 -0.34 0.00	8.12 -0.38 0.00	11.03 -0.58 0.00	9.20 -0.50 0.00	6.47 -0.34 0.00	5.27 -0.28 0.00	6.67 -0.36 -0.12	1.00 -0.04 -0.28	3.96 -0.18 -0.29	4.10 -0.17 -0.61	7.77 -0.36 -0.35	-6.79 0.39 -1.12	4.78 -0.24 -0.29	4.56 -0.23 -0.22
PINELAWN_CC_1 323563	20.13 1.64 0.00	22.66 1.62 -3.39	20.92 1.60 -1.70	58.97 1.62 -39.87	60.64 1.62 -41.52	22.18 1.74 -1.75	20.67 1.75 -0.92	21.05 1.86 -0.66	19.09 1.65 -0.35	17.31 1.57 0.00	27.60 0.78 -18.56	31.10 0.82 -21.79	12.67 1.06 0.00	10.57 0.88 0.00	7.64 0.68 -0.15	27.71 0.55 -21.60	17.23 0.69 -9.63	71.49 0.06 -70.68	39.82 0.35 -35.62	41.71 0.35 -37.70	33.96 0.70 -25.47	69.47 -0.71 -78.48	22.39 0.45 -17.22	37.13 0.44 -32.12
PJM_GEN_HTP_PROXY 323702	19.68 1.19 0.00	18.81 1.16 0.00	18.78 1.15 0.00	18.66 1.18 0.00	18.66 1.16 0.00	19.89 1.20 0.00	20.11 1.19 -0.91	20.53 1.35 -0.66	18.72 1.29 -0.35	16.97 1.22 0.00	8.88 0.62 0.00	9.13 0.63 0.00	12.53 0.92 0.00	10.41 0.72 0.00	7.34 0.52 0.00	5.99 0.43 0.00	14.36 0.53 -6.91	16.94 0.04 -16.16	21.14 0.25 -17.04	37.57 0.25 -33.66	28.53 0.49 -20.25	56.80 -0.48 -65.58	22.17 0.31 -17.13	18.92 0.31 -14.04
PJM_GEN_KEystone 24065	18.96 0.47 0.00	18.12 0.47 0.00	18.15 0.53 0.00	17.99 0.51 0.00	17.96 0.46 0.00	19.07 0.38 0.00	18.92 0.35 -0.56	19.36 0.43 -0.40	17.72 0.42 -0.21	16.19 0.45 0.00	8.52 0.25 0.00	8.76 0.26 0.00	12.01 0.40 0.00	10.02 0.32 0.00	7.02 0.21 0.00	5.73 0.17 0.00	11.35 0.19 -4.24	10.63 0.01 -9.86	14.31 0.08 -10.39	24.25 0.07 -20.52	20.27 0.14 -12.35	31.50 -0.17 -39.97	15.27 0.10 -10.44	13.23 0.10 -8.56
PJM_GEN_NEPTUNE_PROXY 323594	19.94 1.45 0.00	20.79 1.44 -1.71	19.87 1.41 -0.84	39.08 1.43 -20.16	40.15 1.42 -21.23	21.09 1.52 -0.88	20.45 1.52 -0.92	20.82 1.63 -0.66	18.90 1.47 -0.35	17.16 1.41 0.00	19.53 0.71 -10.56	21.63 0.74 -12.39	12.60 0.98 0.00	10.49 0.79 0.00	7.51 0.61 -0.08	18.35 0.50 -12.29	16.01 0.62 -8.47	47.98 0.05 -47.18	31.79 0.31 -27.64	40.00 0.30 -36.03	31.65 0.61 -23.26	64.15 -0.60 -73.06	22.33 0.38 -17.22	29.28 0.38 -24.33
PJM_GEN_VFT_PROXY 323633	19.59 1.10 0.00	18.71 1.06 0.00	18.68 1.05 0.00	18.56 1.08 0.00	18.55 1.05 0.00	19.79 1.10 0.00	20.01 1.09 -0.92	20.46 1.27 -0.66	18.67 1.24 -0.35	16.92 1.17 0.00	8.86 0.60 0.00	9.10 0.61 0.00	12.50 0.88 0.00	10.37 0.67 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.33 0.50 -6.92	16.96 0.03 -16.18	21.14 0.23 -17.06	37.59 0.23 -33.70	28.50 0.45 -20.28	56.92 -0.42 -65.65	22.17 0.29 -17.15	18.90 0.29 -14.05
PLATSBURG_115KV_PMLD1 355749	18.71 0.22 0.00	17.77 0.12 0.00	17.68 0.06 0.00	17.56 0.07 0.00	17.59 0.09 0.00	18.92 0.22 0.00	18.32 0.32 -0.01	18.87 0.32 -0.02	17.44 0.35 0.00	16.04 0.29 0.00	8.35 0.09 0.00	8.52 0.03 0.00	11.49 -0.12 0.00	9.52 -0.17 0.00	6.71 -0.10 0.00	5.48 -0.08 0.00	6.90 -0.07 -0.05	0.86 0.00 -0.12	3.96 -0.01 -0.12	3.97 0.02 -0.30	7.92 -0.01 -0.14	-7.89 -0.05 -0.46	4.75 -0.09 -0.12	4.54 -0.12 -0.09
PLEASANTVLY__LBMP 24000	19.51 1.03 0.00	18.65 1.00 0.00	18.60 0.98 0.00	18.47 0.99 0.00	18.47 0.97 0.00	19.70 1.00 0.00	19.97 1.00 -0.97	20.45 1.10 -0.82	18.51 1.06 -0.37	16.72 0.97 0.00	8.74 0.47 0.00	8.98 0.49 0.00	12.32 0.71 0.00	10.26 0.56 0.00	7.22 0.41 0.00	5.90 0.34 0.00	14.66 0.42 -7.33	17.91 0.03 -17.13	22.15 0.20 -18.10	39.39 0.20 -35.52	29.70 0.40 -21.52	61.01 -0.38 -69.70	23.16 0.24 -18.19	19.60 0.24 -14.79
PLSNTVLE_13_KV_13.8KVDIST 80602	19.69 1.20 0.00	18.80 1.15 0.00	18.74 1.12 0.00	18.61 1.13 0.00	18.62 1.12 0.00	19.89 1.20 0.00	20.12 1.19 -0.93	20.63 1.31 -0.79	18.69 1.25 -0.35	16.90 1.16 0.00	8.84 0.58 0.00	9.09 0.60 0.00	12.47 0.86 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.41 0.51 -6.99	17.11 0.04 -16.33	21.34 0.25 -17.24	37.79 0.25 -33.88	28.77 0.48 -20.50	57.61 -0.47 -66.40	22.36 0.30 -17.33	18.95 0.30 -14.09

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.69 1.20 0.00	18.80 1.15 0.00	18.74 1.12 0.00	18.61 1.13 0.00	18.62 1.12 0.00	19.89 1.20 0.00	20.12 1.19 -0.93	20.63 1.31 -0.79	18.69 1.25 -0.35	16.90 1.16 0.00	8.84 0.58 0.00	9.09 0.60 0.00	12.47 0.86 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.41 0.51 -6.99	17.11 0.04 -16.33	21.34 0.25 -17.24	37.79 0.25 -33.88	28.77 0.48 -20.50	57.61 -0.47 -66.40	22.36 0.30 -17.33	18.95 0.30 -14.09
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.71 1.23 0.00	18.84 1.19 0.00	18.79 1.16 0.00	18.65 1.17 0.00	18.65 1.14 0.00	19.87 1.18 0.00	20.12 1.17 -0.95	20.61 1.28 -0.80	18.66 1.22 -0.36	16.85 1.11 0.00	8.81 0.55 0.00	9.05 0.55 0.00	12.42 0.80 0.00	10.33 0.63 0.00	7.27 0.46 0.00	5.94 0.38 0.00	14.54 0.48 -7.15	17.44 0.04 -16.66	21.64 0.25 -17.54	39.39 0.25 -35.48	29.09 0.50 -20.80	58.57 -0.49 -67.37	22.63 0.30 -17.60	19.45 0.29 -14.59
POLETTI____ 23519	19.68 1.20 0.00	18.81 1.15 0.00	18.77 1.15 0.00	18.65 1.17 0.00	18.65 1.14 0.00	19.89 1.20 0.00	20.10 1.18 -0.92	20.65 1.34 -0.78	18.73 1.30 -0.35	16.97 1.22 0.00	8.89 0.63 0.00	9.13 0.64 0.00	12.53 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.36 0.53 -6.91	16.93 0.04 -16.15	21.14 0.25 -17.05	37.42 0.24 -33.51	28.53 0.47 -20.28	56.89 -0.46 -65.65	22.17 0.31 -17.14	18.82 0.31 -13.94
PORT_JEFF_3 23555	20.18 1.70 0.00	22.83 1.73 -3.45	21.06 1.71 -1.73	59.71 1.72 -40.51	61.34 1.73 -42.10	22.36 1.88 -1.78	20.82 1.90 -0.92	21.20 2.01 -0.66	19.22 1.79 -0.35	17.45 1.70 0.00	27.66 0.84 -18.56	31.17 0.88 -21.79	12.75 1.13 0.00	10.63 0.93 0.00	7.68 0.72 -0.15	27.74 0.58 -21.60	17.28 0.73 -9.63	71.50 0.07 -70.68	39.84 0.38 -35.62	41.73 0.36 -37.70	33.99 0.74 -25.47	69.42 -0.75 -78.48	22.42 0.48 -17.22	37.16 0.47 -32.12
PORT_JEFF_4 23616	20.18 1.70 0.00	22.83 1.73 -3.45	21.06 1.71 -1.73	59.71 1.72 -40.51	61.34 1.73 -42.10	22.36 1.88 -1.78	20.82 1.90 -0.92	21.20 2.01 -0.66	19.22 1.79 -0.35	17.45 1.70 0.00	27.66 0.84 -18.56	31.17 0.88 -21.79	12.75 1.13 0.00	10.63 0.93 0.00	7.68 0.72 -0.15	27.74 0.58 -21.60	17.28 0.73 -9.63	71.50 0.07 -70.68	39.84 0.38 -35.62	41.73 0.36 -37.70	33.99 0.74 -25.47	69.42 -0.75 -78.48	22.42 0.48 -17.22	37.16 0.47 -32.12
PORT_JEFF_IC 23713	20.19 1.70 0.00	22.84 1.74 -3.45	21.07 1.71 -1.73	59.70 1.72 -40.49	61.33 1.74 -42.08	22.37 1.90 -1.78	20.84 1.92 -0.92	21.22 2.03 -0.66	19.24 1.81 -0.35	17.47 1.72 0.00	27.67 0.84 -18.56	31.18 0.89 -21.79	12.76 1.14 0.00	10.64 0.94 0.00	7.69 0.73 -0.15	27.75 0.58 -21.60	17.28 0.74 -9.63	71.50 0.07 -70.68	39.85 0.38 -35.62	41.73 0.36 -37.70	33.99 0.74 -25.47	69.41 -0.76 -78.48	22.43 0.48 -17.22	37.17 0.48 -32.12
PPL PILGRIM_ST_GT1 24216	20.19 1.71 0.00	22.80 1.71 -3.44	21.03 1.68 -1.72	59.59 1.70 -40.41	61.22 1.71 -42.01	22.30 1.83 -1.78	20.77 1.85 -0.92	21.14 1.95 -0.66	19.17 1.74 -0.35	17.41 1.66 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.62 0.92 0.00	7.67 0.72 -0.15	27.74 0.58 -21.60	17.27 0.72 -9.63	71.49 0.06 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.96 0.71 -25.47	69.47 -0.71 -78.48	22.42 0.47 -17.22	37.15 0.46 -32.12
PPL PILGRIM_ST_GT2 24217	20.19 1.71 0.00	22.80 1.71 -3.44	21.03 1.68 -1.72	59.59 1.70 -40.41	61.22 1.71 -42.01	22.30 1.83 -1.78	20.77 1.85 -0.92	21.14 1.95 -0.66	19.17 1.74 -0.35	17.41 1.66 0.00	27.65 0.82 -18.56	31.15 0.87 -21.79	12.73 1.12 0.00	10.62 0.92 0.00	7.67 0.72 -0.15	27.74 0.58 -21.60	17.27 0.72 -9.63	71.49 0.06 -70.68	39.83 0.37 -35.62	41.72 0.36 -37.70	33.96 0.71 -25.47	69.47 -0.71 -78.48	22.42 0.47 -17.22	37.15 0.46 -32.12
PPL_SHRM_GT3 24213	20.08 1.59 0.00	22.83 1.73 -3.45	21.07 1.71 -1.73	59.70 1.71 -40.50	61.31 1.71 -42.09	22.36 1.89 -1.78	20.81 1.88 -0.92	21.17 1.98 -0.66	19.17 1.74 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.12 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.24 0.69 -9.63	71.49 0.07 -70.68	39.81 0.35 -35.62	41.70 0.34 -37.70	33.94 0.68 -25.47	69.48 -0.69 -78.48	22.39 0.44 -17.22	37.16 0.46 -32.12
PPL_SHRM_GT4 24214	20.08 1.59 0.00	22.83 1.73 -3.45	21.07 1.71 -1.73	59.70 1.71 -40.50	61.31 1.71 -42.09	22.36 1.89 -1.78	20.81 1.88 -0.92	21.17 1.98 -0.66	19.17 1.74 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.12 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.24 0.69 -9.63	71.49 0.07 -70.68	39.81 0.35 -35.62	41.70 0.34 -37.70	33.94 0.68 -25.47	69.48 -0.69 -78.48	22.39 0.44 -17.22	37.16 0.46 -32.12
PROJECT____ORANGE 1 24174	18.37 -0.11 0.00	17.55 -0.11 0.00	17.53 -0.09 0.00	17.38 -0.11 0.00	17.38 -0.12 0.00	18.34 -0.35 0.00	17.75 -0.36 -0.10	18.53 -0.37 -0.36	16.75 -0.37 -0.04	15.42 -0.32 0.00	8.10 -0.16 0.00	8.33 -0.16 0.00	11.41 -0.20 0.00	9.53 -0.16 0.00	6.68 -0.13 0.00	5.46 -0.10 0.00	7.51 -0.13 -0.73	2.40 -0.01 -1.66	5.52 -0.06 -1.73	7.02 -0.05 -3.41	9.74 -0.11 -2.06	-1.52 0.11 -6.68	6.39 -0.08 -1.74	5.93 -0.08 -1.44
PROJECT____ORANGE 2 24166	18.37 -0.11 0.00	17.55 -0.11 0.00	17.53 -0.09 0.00	17.38 -0.11 0.00	17.38 -0.12 0.00	18.34 -0.35 0.00	17.75 -0.36 -0.10	18.53 -0.37 -0.36	16.75 -0.37 -0.04	15.42 -0.32 0.00	8.10 -0.16 0.00	8.33 -0.16 0.00	11.41 -0.20 0.00	9.53 -0.16 0.00	6.68 -0.13 0.00	5.46 -0.10 0.00	7.51 -0.13 -0.73	2.40 -0.01 -1.66	5.52 -0.06 -1.73	7.02 -0.05 -3.41	9.74 -0.11 -2.06	-1.52 0.11 -6.68	6.39 -0.08 -1.74	5.93 -0.08 -1.44
PUCKETT____SOLAR 323809	19.10 0.62 0.00	18.24 0.59 0.00	18.25 0.63 0.00	18.10 0.61 0.00	18.10 0.59 0.00	19.18 0.49 0.00	18.78 0.48 -0.30	19.95 0.49 -0.94	17.59 0.40 -0.11	16.04 0.29 0.00	8.40 0.14 0.00	8.63 0.13 0.00	11.83 0.21 0.00	9.89 0.19 0.00	6.92 0.10 0.00	5.66 0.10 0.00	9.24 0.09 -2.24	5.86 0.01 -5.10	9.27 0.09 -5.33	14.30 0.10 -10.54	14.34 0.22 -6.34	11.99 -0.24 -20.53	10.22 0.13 -5.36	9.09 0.12 -4.40
PYRITES____HYD 24023	18.18 -0.31 0.00	17.34 -0.31 0.00	17.35 -0.27 0.00	17.23 -0.26 0.00	17.22 -0.28 0.00	18.32 -0.37 0.00	17.67 -0.35 -0.01	18.13 -0.44 -0.04	16.63 -0.46 -0.01	15.34 -0.41 0.00	8.08 -0.18 0.00	8.28 -0.22 0.00	11.27 -0.34 0.00	9.40 -0.30 0.00	6.60 -0.21 0.00	5.38 -0.18 0.00	6.80 -0.22 -0.12	0.99 -0.02 -0.26	4.01 -0.11 -0.27	4.14 -0.09 -0.57	7.92 -0.19 -0.32	-7.05 0.21 -1.05	4.87 -0.13 -0.27	4.66 -0.12 -0.21
QUAKERRD_115KV_BK1 80622	17.75 -0.74 0.00	16.94 -0.71 0.00	16.96 -0.67 0.00	16.78 -0.70 0.00	16.78 -0.72 0.00	17.69 -1.01 0.00	17.06 -1.07 -0.12	14.24 -1.10 3.19	16.11 -1.01 -0.05	14.88 -0.86 0.00	7.85 -0.41 0.00	8.08 -0.42 0.00	11.05 -0.56 0.00	9.26 -0.44 0.00	6.47 -0.34 0.00	5.28 -0.28 0.00	7.47 -0.36 -0.92	2.79 -0.03 -2.08	5.83 -0.19 -2.17	7.73 -0.18 -4.25	10.01 -0.36 -2.59	0.41 0.34 -8.38	6.67 -0.24 -2.19	6.11 -0.22 -1.77

QUENSBRY_I15KV_TB8 356137	19.33 0.84 0.00	18.45 0.79 0.00	18.31 0.69 0.00	18.18 0.70 0.00	18.26 0.75 0.00	19.54 0.85 0.00	20.19 0.85 -1.34	20.42 0.82 -1.07	18.28 0.69 -0.51	16.29 0.54 0.00	8.46 0.20 0.00	8.76 0.27 0.00	12.04 0.43 0.00	10.08 0.39 0.00	7.08 0.26 0.00	5.78 0.22 0.00	17.33 0.33 -10.09	23.32 0.04 -22.52	27.45 0.22 -23.38	50.24 0.20 -46.38	35.99 0.42 -27.78	81.21 -0.43 -89.95	28.46 0.22 -23.51	24.13 0.19 -19.37
RAMAPO____LBMP 323565	19.56 1.08 0.00	18.68 1.03 0.00	18.66 1.04 0.00	18.53 1.04 0.00	18.52 1.02 0.00	19.74 1.04 0.00	19.91 1.04 -0.87	20.44 1.16 -0.75	18.50 1.09 -0.33	16.76 1.01 0.00	8.76 0.50 0.00	9.01 0.52 0.00	12.36 0.75 0.00	10.28 0.58 0.00	7.25 0.43 0.00	5.92 0.36 0.00	13.90 0.45 -6.54	16.04 0.03 -15.26	20.17 0.22 -16.11	35.57 0.22 -31.69	27.36 0.43 -19.15	53.28 -0.42 -62.01	21.18 0.27 -16.19	18.03 0.26 -13.19
RANKINE____ 23646	18.12 -0.36 0.00	17.30 -0.35 0.00	17.36 -0.26 0.00	17.14 -0.34 0.00	17.12 -0.38 0.00	18.01 -0.68 0.00	17.40 -0.77 -0.16	16.59 -0.85 1.09	16.43 -0.71 -0.06	15.26 -0.49 0.00	8.12 -0.15 0.00	8.34 -0.15 0.00	11.41 -0.20 0.00	9.57 -0.13 0.00	6.66 -0.15 0.00	5.44 -0.12 0.00	7.95 -0.19 -1.23	3.53 -0.01 -2.79	6.65 -0.11 -2.92	9.24 -0.13 -5.70	11.01 -0.25 -3.47	3.10 0.17 -11.25	7.50 -0.17 -2.94	6.84 -0.13 -2.39
RAVENSWOOD_GT2_1 24244	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.66 1.15 0.00	19.91 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.24 0.00	8.89 0.63 0.00	9.14 0.65 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.32 -14.05
RAVENSWOOD_GT2_2 24245	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.66 1.15 0.00	19.91 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.24 0.00	8.89 0.63 0.00	9.14 0.65 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.32 -14.05
RAVENSWOOD_GT2_3 24246	19.72 1.23 0.00	18.82 1.17 0.00	18.78 1.16 0.00	18.66 1.18 0.00	18.66 1.16 0.00	19.91 1.22 0.00	20.14 1.22 -0.92	20.57 1.38 -0.66	18.75 1.32 -0.35	16.99 1.25 0.00	8.90 0.63 0.00	9.15 0.65 0.00	12.55 0.94 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.38 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.25 -33.73	28.58 0.50 -20.30	56.92 -0.49 -65.72	22.22 0.32 -17.17	18.95 0.32 -14.05
RAVENSWOOD_GT2_4 24247	19.72 1.23 0.00	18.82 1.17 0.00	18.78 1.16 0.00	18.66 1.18 0.00	18.66 1.16 0.00	19.91 1.22 0.00	20.14 1.22 -0.92	20.57 1.38 -0.66	18.75 1.32 -0.35	16.99 1.25 0.00	8.90 0.63 0.00	9.15 0.65 0.00	12.55 0.94 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.38 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.25 -33.73	28.58 0.50 -20.30	56.92 -0.49 -65.72	22.22 0.32 -17.17	18.95 0.32 -14.05
RAVENSWOOD_GT3_1 24248	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT3_2 24249	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT3_3 24250	19.73 1.25 0.00	18.84 1.19 0.00	18.80 1.17 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.77 1.34 -0.35	17.01 1.26 0.00	8.90 0.64 0.00	9.16 0.66 0.00	12.56 0.95 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.01 0.45 0.00	14.39 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.59 0.51 -20.30	56.91 -0.50 -65.72	22.22 0.33 -17.17	18.95 0.32 -14.05
RAVENSWOOD_GT3_4 24251	19.73 1.25 0.00	18.84 1.19 0.00	18.80 1.17 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.77 1.34 -0.35	17.01 1.26 0.00	8.90 0.64 0.00	9.16 0.66 0.00	12.56 0.95 0.00	10.44 0.74 0.00	7.36 0.54 0.00	6.01 0.45 0.00	14.39 0.55 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.59 0.51 -20.30	56.91 -0.50 -65.72	22.22 0.33 -17.17	18.95 0.32 -14.05
RAVENSWOOD_GT_1 23729	19.77 1.28 0.00	18.88 1.22 0.00	18.83 1.21 0.00	18.71 1.22 0.00	18.70 1.20 0.00	19.96 1.26 0.00	20.17 1.25 -0.92	20.61 1.43 -0.66	18.80 1.37 -0.35	17.04 1.29 0.00	8.92 0.66 0.00	9.18 0.68 0.00	12.58 0.97 0.00	10.46 0.77 0.00	7.37 0.56 0.00	6.02 0.46 0.00	14.40 0.57 -6.93	16.98 0.04 -16.19	21.19 0.27 -17.07	37.66 0.27 -33.73	28.60 0.52 -20.30	56.91 -0.50 -65.72	22.23 0.34 -17.17	18.96 0.33 -14.05
RAVENSWOOD_GT_10 24258	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT_11 24259	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT_4 24252	19.70 1.22 0.00	18.82 1.17 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.25 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05



RAVENSWOOD_GT_5 24254	19.70 1.22 0.00	18.82 1.17 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.25 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT_6 24253	19.70 1.22 0.00	18.82 1.17 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.25 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT_7 24255	19.70 1.22 0.00	18.82 1.17 0.00	18.77 1.15 0.00	18.65 1.16 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.92 0.00	10.42 0.72 0.00	7.34 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.25 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD_GT_9 24257	19.70 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.65 1.15 0.00	19.90 1.21 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.74 1.31 -0.35	16.98 1.23 0.00	8.89 0.63 0.00	9.14 0.64 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.53 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.94 0.31 -14.05
RAVENSWOOD___1 23533	19.74 1.26 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.77 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.57 0.96 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.58 0.51 -20.30	56.92 -0.49 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
RAVENSWOOD___2 23534	19.74 1.26 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.77 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.57 0.96 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.58 0.51 -20.30	56.92 -0.49 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
RAVENSWOOD___3 23535	19.71 1.22 0.00	18.82 1.17 0.00	18.78 1.15 0.00	18.66 1.17 0.00	18.66 1.16 0.00	19.91 1.22 0.00	20.13 1.21 -0.92	20.56 1.37 -0.66	18.75 1.31 -0.35	16.98 1.24 0.00	8.89 0.63 0.00	9.14 0.65 0.00	12.54 0.93 0.00	10.43 0.73 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.38 0.54 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.65 0.26 -33.73	28.57 0.50 -20.30	56.93 -0.48 -65.72	22.21 0.32 -17.17	18.95 0.32 -14.05
RAVENSWOOD___4 23820	19.74 1.26 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.58 1.39 -0.66	18.77 1.35 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.17 0.67 0.00	12.57 0.96 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.40 0.56 -6.93	16.98 0.04 -16.19	21.18 0.26 -17.07	37.66 0.27 -33.73	28.58 0.51 -20.30	56.92 -0.49 -65.72	22.22 0.33 -17.17	18.95 0.33 -14.05
RCPL_TRUST___DRP 24196	19.70 1.22 0.00	18.83 1.18 0.00	18.79 1.17 0.00	18.68 1.20 0.00	18.67 1.17 0.00	19.91 1.22 0.00	20.13 1.21 -0.91	20.68 1.37 -0.78	18.75 1.32 -0.35	16.99 1.24 0.00	8.89 0.63 0.00	9.15 0.65 0.00	12.55 0.94 0.00	10.44 0.74 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.36 0.55 -6.91	16.92 0.04 -16.13	21.13 0.26 -17.03	37.40 0.26 -33.48	28.54 0.50 -20.25	56.79 -0.49 -65.58	22.17 0.32 -17.12	18.82 0.32 -13.93
RED___ROCHESTER 323720	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.20 -0.29 0.00	17.19 -0.32 0.00	18.16 -0.54 0.00	17.56 -0.57 -0.13	16.02 -0.63 1.88	16.57 -0.56 -0.05	15.29 -0.46 0.00	8.07 -0.19 0.00	8.31 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.88 -0.01 -2.14	6.00 -0.09 -2.24	8.00 -0.09 -4.42	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.85 -0.12 -2.25	6.32 -0.10 -1.84
REGAN___SOLAR 323812	20.29 1.80 0.00	19.36 1.70 0.00	19.31 1.69 0.00	19.11 1.63 0.00	19.07 1.57 0.00	20.32 1.62 0.00	20.96 1.44 -1.52	20.88 1.26 -1.10	18.71 1.05 -0.58	16.53 0.79 0.00	8.57 0.30 0.00	8.96 0.46 0.00	12.15 0.54 0.00	10.23 0.53 0.00	7.14 0.33 0.00	6.01 0.44 0.00	18.83 0.47 -11.45	26.44 0.06 -25.64	30.82 0.31 -26.66	56.67 0.34 -52.66	40.19 0.72 -31.69	93.58 -0.72 -102.61	31.95 0.41 -26.81	26.93 0.39 -21.96
RENSSELAER___COGEN 23796	18.76 0.28 0.00	17.95 0.30 0.00	17.85 0.23 0.00	17.72 0.23 0.00	17.75 0.25 0.00	18.94 0.25 0.00	19.52 0.24 -1.28	19.69 0.24 -0.92	17.80 0.23 -0.49	15.95 0.20 0.00	8.33 0.07 0.00	8.59 0.09 0.00	11.79 0.17 0.00	9.81 0.11 0.00	6.90 0.09 0.00	5.63 0.07 0.00	16.61 0.10 -9.60	22.14 0.01 -21.39	26.10 0.06 -22.20	47.57 0.06 -43.85	34.27 0.10 -26.39	77.04 -0.09 -85.44	27.10 0.06 -22.32	22.92 0.06 -18.29
REPUBLIC_115KV_BARTNBRK 55605	20.08 1.60 0.00	19.16 1.51 0.00	18.93 1.31 0.00	18.84 1.36 0.00	18.98 1.47 0.00	20.24 1.55 0.00	20.89 1.55 -1.34	21.04 1.45 -1.07	18.78 1.18 -0.51	16.71 0.96 0.00	8.68 0.41 0.00	9.01 0.52 0.00	12.46 0.84 0.00	10.42 0.72 0.00	7.31 0.49 0.00	5.96 0.40 0.00	17.59 0.60 -10.08	23.33 0.08 -22.50	27.61 0.41 -23.36	50.35 0.35 -46.34	36.30 0.76 -27.75	80.76 -0.79 -89.87	28.62 0.40 -23.49	24.28 0.36 -19.35
REVERE_CPPR_DRP 24186	19.01 0.53 0.00	18.14 0.49 0.00	18.12 0.49 0.00	17.97 0.48 0.00	17.98 0.48 0.00	19.08 0.39 0.00	18.41 0.37 -0.05	19.02 0.31 -0.18	17.29 0.19 -0.02	15.88 0.14 0.00	8.33 0.07 0.00	8.54 0.04 0.00	11.66 0.04 0.00	9.73 0.03 0.00	6.83 0.02 0.00	5.57 0.01 0.00	7.33 0.02 -0.41	1.68 0.01 -0.92	4.85 0.04 -0.97	5.61 0.05 -1.89	9.06 0.13 -1.15	-4.70 -0.11 -3.72	5.75 0.05 -0.97	5.40 0.05 -0.78

REYNOLDS_115KV_TB3 80639	18.91 0.42 0.00	18.08 0.43 0.00	17.98 0.35 0.00	17.85 0.37 0.00	17.88 0.38 0.00	19.08 0.39 0.00	19.65 0.37 -1.28	19.93 0.38 -1.03	17.93 0.36 -0.49	16.06 0.31 0.00	8.38 0.11 0.00	8.63 0.14 0.00	11.85 0.24 0.00	9.87 0.17 0.00	6.94 0.13 0.00	5.66 0.10 0.00	16.70 0.15 -9.64	22.24 0.02 -21.47	26.19 0.09 -22.26	48.03 0.08 -44.28	34.38 0.16 -26.44	77.16 -0.15 -85.61	27.17 0.09 -22.36	22.84 0.09 -18.17
RIVERBAY____ 323610	19.76 1.27 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.19 0.00	18.67 1.16 0.00	19.89 1.20 0.00	20.13 1.21 -0.92	20.66 1.35 -0.78	18.76 1.33 -0.35	17.00 1.25 0.00	8.91 0.64 0.00	9.14 0.65 0.00	12.55 0.94 0.00	10.41 0.71 0.00	7.34 0.53 0.00	5.99 0.43 0.00	14.36 0.53 -6.92	16.95 0.04 -16.16	21.16 0.25 -17.07	37.46 0.25 -33.54	28.56 0.48 -20.30	56.95 -0.46 -65.72	22.20 0.32 -17.16	18.85 0.33 -13.95
RIVERSDE_115KV_TB3 55908	18.82 0.34 0.00	18.01 0.36 0.00	17.90 0.28 0.00	17.77 0.28 0.00	17.80 0.30 0.00	19.00 0.31 0.00	19.57 0.29 -1.28	19.85 0.29 -1.03	17.86 0.29 -0.49	16.00 0.25 0.00	8.35 0.09 0.00	8.61 0.11 0.00	11.82 0.20 0.00	9.84 0.14 0.00	6.92 0.11 0.00	5.65 0.09 0.00	16.68 0.12 -9.65	22.25 0.01 -21.49	26.20 0.07 -22.28	48.07 0.07 -44.34	34.38 0.13 -26.47	77.28 -0.12 -85.71	27.18 0.07 -22.38	22.86 0.07 -18.21
ROARING____BROOK_WT_PWR 323790	18.32 -0.16 0.00	17.48 -0.17 0.00	17.48 -0.15 0.00	17.33 -0.15 0.00	17.34 -0.16 0.00	18.49 -0.20 0.00	17.80 -0.20 0.00	18.29 -0.24 0.00	16.89 -0.19 0.00	15.56 -0.19 0.00	8.16 -0.10 0.00	8.38 -0.11 0.00	11.42 -0.19 0.00	9.54 -0.16 0.00	6.72 -0.10 0.00	5.48 -0.08 0.00	6.80 -0.11 0.00	0.74 -0.01 0.00	3.80 -0.05 0.00	3.61 -0.06 0.00	7.62 -0.16 0.00	-8.08 0.23 0.00	4.59 -0.13 0.00	4.42 -0.15 0.00
ROCHESRG_115KV_T4 355643	18.03 -0.46 0.00	17.21 -0.44 0.00	17.23 -0.39 0.00	17.04 -0.44 0.00	17.04 -0.46 0.00	17.98 -0.71 0.00	17.37 -0.75 -0.13	15.87 -0.83 1.83	16.37 -0.76 -0.05	15.14 -0.61 0.00	8.00 -0.26 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.43 -0.27 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	7.60 -0.24 -0.93	2.85 -0.02 -2.12	5.94 -0.13 -2.22	7.86 -0.13 -4.33	10.19 -0.24 -2.64	0.45 0.20 -8.56	6.79 -0.17 -2.24	6.25 -0.15 -1.83
ROCHESTER_9_IC 23652	18.12 -0.37 0.00	17.29 -0.37 0.00	17.31 -0.32 0.00	17.12 -0.36 0.00	17.12 -0.38 0.00	18.07 -0.62 0.00	17.47 -0.66 -0.13	15.92 -0.73 1.88	16.46 -0.67 -0.05	15.21 -0.54 0.00	8.03 -0.23 0.00	8.27 -0.23 0.00	11.31 -0.31 0.00	9.48 -0.22 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.64 -0.21 -0.94	2.87 -0.01 -2.14	5.98 -0.10 -2.23	7.92 -0.11 -4.37	10.25 -0.19 -2.66	0.45 0.15 -8.61	6.83 -0.15 -2.25	6.29 -0.13 -1.84
ROCKVIEW_13_KV_LD 356306	19.73 1.25 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.67 1.19 0.00	18.67 1.17 0.00	19.93 1.24 0.00	20.15 1.23 -0.92	20.65 1.34 -0.78	18.71 1.28 -0.35	16.94 1.19 0.00	8.86 0.60 0.00	9.12 0.62 0.00	12.51 0.90 0.00	10.40 0.71 0.00	7.33 0.52 0.00	5.99 0.43 0.00	14.36 0.53 -6.91	16.94 0.04 -16.15	21.16 0.26 -17.05	37.36 0.25 -33.45	28.57 0.50 -20.28	56.88 -0.49 -65.68	22.18 0.31 -17.14	18.81 0.31 -13.93
ROME____115KV_TB2 80656	19.01 0.53 0.00	18.14 0.49 0.00	18.12 0.49 0.00	17.97 0.48 0.00	17.98 0.48 0.00	19.08 0.39 0.00	18.41 0.37 -0.05	19.02 0.31 -0.18	17.29 0.19 -0.02	15.88 0.14 0.00	8.33 0.07 0.00	8.54 0.04 0.00	11.66 0.04 0.00	9.73 0.03 0.00	6.83 0.02 0.00	5.57 0.01 0.00	7.33 0.02 -0.41	1.68 0.01 -0.92	4.85 0.04 -0.97	5.61 0.05 -1.89	9.06 0.13 -1.15	-4.70 -0.11 -3.72	5.75 0.05 -0.97	5.40 0.05 -0.78
ROSETON____1 23587	19.53 1.05 0.00	18.66 1.01 0.00	18.62 1.00 0.00	18.48 1.00 0.00	18.49 0.99 0.00	19.71 1.02 0.00	19.92 1.01 -0.90	20.30 1.12 -0.65	18.49 1.07 -0.34	16.73 0.99 0.00	8.75 0.49 0.00	9.00 0.50 0.00	12.34 0.73 0.00	10.27 0.57 0.00	7.23 0.42 0.00	5.91 0.35 0.00	14.16 0.43 -6.82	16.71 0.03 -15.94	20.86 0.21 -16.80	37.06 0.21 -33.19	28.17 0.41 -19.97	55.96 -0.40 -64.67	21.87 0.26 -16.89	18.66 0.25 -13.84
ROSETON____2 23588	19.53 1.05 0.00	18.66 1.01 0.00	18.62 1.00 0.00	18.48 1.00 0.00	18.49 0.99 0.00	19.71 1.02 0.00	19.92 1.01 -0.90	20.30 1.12 -0.65	18.49 1.07 -0.34	16.73 0.99 0.00	8.75 0.49 0.00	9.00 0.50 0.00	12.34 0.73 0.00	10.27 0.57 0.00	7.23 0.42 0.00	5.91 0.35 0.00	14.16 0.43 -6.82	16.71 0.03 -15.94	20.86 0.21 -16.80	37.06 0.21 -33.19	28.17 0.41 -19.97	55.96 -0.40 -64.67	21.87 0.26 -16.89	18.66 0.25 -13.84
ROTTSDAM_115KV_TB3 80664	19.16 0.68 0.00	18.31 0.66 0.00	18.24 0.62 0.00	18.10 0.61 0.00	18.13 0.62 0.00	19.33 0.64 0.00	19.98 0.61 -1.36	20.24 0.63 -1.08	18.16 0.57 -0.52	16.24 0.49 0.00	8.48 0.22 0.00	8.73 0.23 0.00	11.98 0.37 0.00	9.99 0.29 0.00	7.02 0.21 0.00	5.73 0.17 0.00	17.38 0.23 -10.24	23.65 0.03 -22.88	27.74 0.14 -23.76	50.85 0.13 -47.05	36.30 0.28 -28.23	82.81 -0.29 -91.41	28.78 0.16 -23.89	24.45 0.16 -19.72
RUSSELL____1 23602	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.19 -0.29 0.00	17.19 -0.31 0.00	18.15 -0.54 0.00	17.55 -0.58 -0.13	16.02 -0.64 1.88	16.53 -0.60 -0.05	15.28 -0.46 0.00	8.07 -0.19 0.00	8.30 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.87 -0.01 -2.14	5.99 -0.09 -2.23	7.94 -0.09 -4.37	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.86 -0.12 -2.25	6.30 -0.11 -1.84
RUSSELL____2 23532	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.19 -0.29 0.00	17.19 -0.31 0.00	18.15 -0.54 0.00	17.55 -0.58 -0.13	16.02 -0.64 1.88	16.53 -0.60 -0.05	15.28 -0.46 0.00	8.07 -0.19 0.00	8.30 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.87 -0.01 -2.14	5.99 -0.09 -2.23	7.94 -0.09 -4.37	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.86 -0.12 -2.25	6.30 -0.11 -1.84
RUSSELL____3 23549	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.19 -0.29 0.00	17.19 -0.31 0.00	18.15 -0.54 0.00	17.55 -0.58 -0.13	16.02 -0.64 1.88	16.53 -0.60 -0.05	15.28 -0.46 0.00	8.07 -0.19 0.00	8.30 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.87 -0.01 -2.14	5.99 -0.09 -2.23	7.94 -0.09 -4.37	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.86 -0.12 -2.25	6.30 -0.11 -1.84
RUSSELL____4 23556	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.19 -0.29 0.00	17.19 -0.31 0.00	18.15 -0.54 0.00	17.55 -0.58 -0.13	16.02 -0.64 1.88	16.53 -0.60 -0.05	15.28 -0.46 0.00	8.07 -0.19 0.00	8.30 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.87 -0.01 -2.14	5.99 -0.09 -2.23	7.94 -0.09 -4.37	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.86 -0.12 -2.25	6.30 -0.11 -1.84

RUSSELL___STATION 23914	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.19 -0.29 0.00	17.19 -0.31 0.00	18.15 -0.54 0.00	17.55 -0.58 -0.13	16.02 -0.64 1.88	16.53 -0.60 -0.05	15.28 -0.46 0.00	8.07 -0.19 0.00	8.30 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.87 -0.01 -2.14	5.99 -0.09 -2.23	7.94 -0.09 -4.37	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.86 -0.12 -2.25	6.30 -0.11 -1.84
S SALMON___HYD 24043	18.25 -0.24 0.00	17.42 -0.23 0.00	17.43 -0.19 0.00	17.28 -0.21 0.00	17.28 -0.22 0.00	18.21 -0.48 0.00	17.58 -0.50 -0.08	18.02 -0.57 -0.06	16.51 -0.61 -0.03	15.15 -0.60 0.00	7.93 -0.33 0.00	8.16 -0.33 0.00	11.15 -0.46 0.00	9.33 -0.37 0.00	6.54 -0.27 0.00	5.32 -0.24 0.00	7.21 -0.31 -0.61	2.10 -0.02 -1.38	5.14 -0.14 -1.44	6.39 -0.11 -2.84	9.29 -0.20 -1.71	-2.51 0.26 -5.54	6.01 -0.17 -1.45	5.59 -0.17 -1.19
S.PERRY__115KV_TB1 80734	18.84 0.35 0.00	17.97 0.32 0.00	18.00 0.37 0.00	17.80 0.31 0.00	17.80 0.30 0.00	18.84 0.14 0.00	18.27 0.10 -0.17	19.40 -0.02 -0.89	16.94 -0.20 -0.06	15.60 -0.15 0.00	8.22 -0.05 0.00	8.45 -0.04 0.00	11.55 -0.07 0.00	9.69 0.00 0.00	6.76 -0.05 0.00	5.53 -0.04 0.00	8.11 -0.07 -1.27	3.63 0.01 -2.88	6.84 -0.02 -3.02	9.56 0.00 -5.89	11.47 0.10 -3.59	3.13 -0.18 -11.62	7.81 0.05 -3.03	7.05 0.04 -2.44
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.86 -0.62 0.00	17.05 -0.60 0.00	17.12 -0.51 0.00	16.90 -0.59 0.00	16.88 -0.62 0.00	17.74 -0.95 0.00	17.12 -1.04 -0.16	16.23 -1.14 1.17	16.17 -0.97 -0.06	15.03 -0.72 0.00	8.00 -0.27 0.00	8.22 -0.27 0.00	11.25 -0.36 0.00	9.43 -0.27 0.00	6.57 -0.25 0.00	5.37 -0.19 0.00	7.81 -0.28 -1.18	3.41 -0.02 -2.68	6.48 -0.17 -2.80	9.00 -0.18 -5.52	10.76 -0.36 -3.33	2.76 0.28 -10.79	7.32 -0.23 -2.83	6.73 -0.19 -2.35
SAWYER__23_KV_LOAD 55526	17.86 -0.62 0.00	17.05 -0.60 0.00	17.12 -0.51 0.00	16.90 -0.59 0.00	16.88 -0.62 0.00	17.74 -0.95 0.00	17.12 -1.04 -0.16	16.23 -1.14 1.17	16.17 -0.97 -0.06	15.03 -0.72 0.00	8.00 -0.27 0.00	8.22 -0.27 0.00	11.25 -0.36 0.00	9.43 -0.27 0.00	6.57 -0.25 0.00	5.37 -0.19 0.00	7.81 -0.28 -1.18	3.41 -0.02 -2.68	6.48 -0.17 -2.80	9.00 -0.18 -5.52	10.76 -0.36 -3.33	2.76 0.28 -10.79	7.32 -0.23 -2.83	6.73 -0.19 -2.35
SELKIRK___I 23801	18.93 0.44 0.00	18.10 0.44 0.00	18.01 0.39 0.00	17.88 0.40 0.00	17.92 0.41 0.00	19.12 0.42 0.00	19.66 0.41 -1.25	19.82 0.39 -0.90	17.92 0.36 -0.47	16.05 0.30 0.00	8.39 0.12 0.00	8.64 0.15 0.00	11.86 0.24 0.00	9.88 0.18 0.00	6.94 0.13 0.00	5.67 0.11 0.00	16.44 0.15 -9.38	21.71 0.02 -20.95	25.70 0.09 -21.76	46.75 0.09 -42.99	33.83 0.18 -25.87	75.28 -0.18 -83.77	26.71 0.10 -21.88	22.61 0.10 -17.93
SELKIRK___II 23799	18.87 0.39 0.00	18.04 0.39 0.00	17.96 0.33 0.00	17.83 0.35 0.00	17.86 0.36 0.00	19.05 0.36 0.00	19.62 0.35 -1.27	19.79 0.35 -0.91	17.90 0.34 -0.48	16.04 0.29 0.00	8.38 0.12 0.00	8.63 0.14 0.00	11.85 0.23 0.00	9.87 0.17 0.00	6.93 0.12 0.00	5.66 0.10 0.00	16.59 0.14 -9.55	22.04 0.01 -21.28	26.03 0.08 -22.10	47.40 0.08 -43.65	34.20 0.15 -26.27	76.60 -0.15 -85.06	27.03 0.09 -22.22	22.87 0.09 -18.21
SENECA OSWGO___HYD 24041	18.21 -0.28 0.00	17.38 -0.27 0.00	17.36 -0.26 0.00	17.22 -0.27 0.00	17.21 -0.29 0.00	18.14 -0.55 0.00	17.55 -0.55 -0.09	18.02 -0.57 -0.07	16.56 -0.55 -0.03	15.24 -0.52 0.00	8.00 -0.26 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.41 -0.29 0.00	6.59 -0.22 0.00	5.38 -0.18 0.00	7.36 -0.23 -0.68	2.28 -0.02 -1.55	5.35 -0.11 -1.62	6.76 -0.10 -3.20	9.50 -0.20 -1.93	-1.85 0.22 -6.24	6.22 -0.14 -1.63	5.77 -0.13 -1.34
SENECA___115KV_TB3 355854	18.15 -0.33 0.00	17.33 -0.32 0.00	17.39 -0.23 0.00	17.17 -0.31 0.00	17.15 -0.35 0.00	18.04 -0.65 0.00	17.42 -0.74 -0.16	16.62 -0.82 1.09	16.46 -0.69 -0.06	15.29 -0.46 0.00	8.13 -0.14 0.00	8.36 -0.14 0.00	11.43 -0.18 0.00	9.58 -0.11 0.00	6.67 -0.14 0.00	5.45 -0.11 0.00	7.96 -0.17 -1.23	3.53 -0.01 -2.79	6.66 -0.11 -2.92	9.24 -0.12 -5.70	11.02 -0.23 -3.47	3.09 0.15 -11.25	7.51 -0.16 -2.94	6.84 -0.12 -2.39
SENECA___ENERGY 23797	18.42 -0.07 0.00	17.57 -0.08 0.00	17.59 -0.04 0.00	17.45 -0.04 0.00	17.44 -0.06 0.00	18.40 -0.30 0.00	17.86 -0.28 -0.13	24.85 -0.29 -6.61	16.82 -0.31 -0.05	15.44 -0.31 0.00	8.12 -0.14 0.00	8.35 -0.15 0.00	11.42 -0.19 0.00	9.57 -0.13 0.00	6.69 -0.12 0.00	5.46 -0.10 0.00	7.77 -0.13 -0.99	2.99 -0.01 -2.25	6.15 -0.05 -2.36	8.26 -0.05 -4.65	10.50 -0.08 -2.80	0.82 0.07 -9.07	7.03 -0.06 -2.37	6.45 -0.07 -1.94
SHOEMAKER___GT 23640	19.45 0.96 0.00	18.57 0.92 0.00	18.55 0.92 0.00	18.41 0.92 0.00	18.43 0.93 0.00	19.64 0.95 0.00	19.77 0.95 -0.81	20.15 1.04 -0.58	18.34 0.96 -0.31	16.61 0.86 0.00	8.67 0.41 0.00	8.93 0.44 0.00	12.23 0.62 0.00	10.20 0.50 0.00	7.17 0.36 0.00	5.86 0.30 0.00	13.40 0.38 -6.11	15.03 0.03 -14.25	19.05 0.19 -15.01	33.52 0.19 -29.66	26.02 0.39 -17.84	49.09 -0.39 -57.79	20.06 0.24 -15.10	17.18 0.23 -12.37
SHOEMAKR_138KV_BK 111 55601	19.45 0.96 0.00	18.57 0.92 0.00	18.54 0.92 0.00	18.40 0.92 0.00	18.41 0.90 0.00	19.64 0.95 0.00	19.75 0.94 -0.80	20.26 1.03 -0.70	18.35 0.96 -0.31	16.61 0.86 0.00	8.68 0.42 0.00	8.93 0.43 0.00	12.24 0.63 0.00	10.20 0.50 0.00	7.17 0.36 0.00	5.86 0.30 0.00	13.34 0.38 -6.05	14.88 0.03 -14.10	18.91 0.19 -14.88	33.15 0.19 -29.29	25.85 0.38 -17.68	48.57 -0.38 -57.26	19.89 0.24 -14.92	16.69 0.23 -11.89
SHOREHAM_IC_1 23715	20.08 1.59 0.00	22.83 1.73 -3.45	21.07 1.71 -1.73	59.70 1.71 -40.50	61.31 1.71 -42.09	22.36 1.89 -1.78	20.81 1.88 -0.92	21.17 1.98 -0.66	19.17 1.74 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.12 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.24 0.69 -9.63	71.49 0.07 -70.68	39.81 0.35 -35.62	41.70 0.34 -37.70	33.94 0.68 -25.47	69.48 -0.69 -78.48	22.39 0.44 -17.22	37.16 0.46 -32.12
SHOREHAM_IC_2 23716	20.08 1.59 0.00	22.83 1.73 -3.45	21.07 1.71 -1.73	59.70 1.71 -40.50	61.31 1.71 -42.09	22.36 1.89 -1.78	20.81 1.88 -0.92	21.17 1.98 -0.66	19.17 1.74 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.12 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.24 0.69 -9.63	71.49 0.07 -70.68	39.81 0.35 -35.62	41.70 0.34 -37.70	33.94 0.68 -25.47	69.48 -0.69 -78.48	22.39 0.44 -17.22	37.16 0.46 -32.12
SISSONVILLE___ 23735	17.79 -0.70 0.00	16.96 -0.69 0.00	16.96 -0.66 0.00	16.83 -0.66 0.00	16.83 -0.67 0.00	17.94 -0.75 0.00	17.31 -0.70 -0.02	17.80 -0.78 -0.05	16.34 -0.75 -0.01	15.06 -0.68 0.00	7.92 -0.34 0.00	8.12 -0.38 0.00	11.03 -0.58 0.00	9.20 -0.50 0.00	6.47 -0.34 0.00	5.27 -0.28 0.00	6.67 -0.36 -0.12	1.00 -0.04 -0.28	3.96 -0.18 -0.29	4.10 -0.17 -0.61	7.77 -0.36 -0.35	-6.79 0.39 -1.12	4.78 -0.24 -0.29	4.56 -0.23 -0.22

SITHE_IND_GS1 24169	18.04 -0.44 0.00	17.22 -0.43 0.00	17.21 -0.41 0.00	17.06 -0.42 0.00	17.06 -0.44 0.00	17.98 -0.71 0.00	17.38 -0.70 -0.08	17.86 -0.72 -0.06	16.43 -0.68 -0.03	15.12 -0.63 0.00	7.94 -0.32 0.00	8.17 -0.33 0.00	11.18 -0.44 0.00	9.34 -0.36 0.00	6.55 -0.26 0.00	5.35 -0.21 0.00	7.23 -0.27 -0.58	2.05 -0.03 -1.33	5.10 -0.14 -1.39	6.28 -0.13 -2.75	9.16 -0.27 -1.65	-2.67 0.29 -5.35	5.95 -0.18 -1.40	5.55 -0.17 -1.15
SITHE_IND_GS2 24170	18.04 -0.44 0.00	17.22 -0.43 0.00	17.21 -0.41 0.00	17.06 -0.42 0.00	17.06 -0.44 0.00	17.98 -0.71 0.00	17.38 -0.70 -0.08	17.86 -0.72 -0.06	16.43 -0.68 -0.03	15.12 -0.63 0.00	7.94 -0.32 0.00	8.17 -0.33 0.00	11.18 -0.44 0.00	9.34 -0.36 0.00	6.55 -0.26 0.00	5.35 -0.21 0.00	7.23 -0.27 -0.58	2.05 -0.03 -1.33	5.10 -0.14 -1.39	6.28 -0.13 -2.75	9.16 -0.27 -1.65	-2.67 0.29 -5.35	5.95 -0.18 -1.40	5.55 -0.17 -1.15
SITHE_IND_GS3 24171	18.04 -0.44 0.00	17.22 -0.43 0.00	17.21 -0.41 0.00	17.06 -0.42 0.00	17.06 -0.44 0.00	17.98 -0.71 0.00	17.38 -0.70 -0.08	17.86 -0.72 -0.06	16.43 -0.68 -0.03	15.12 -0.63 0.00	7.94 -0.32 0.00	8.17 -0.33 0.00	11.18 -0.44 0.00	9.34 -0.36 0.00	6.55 -0.26 0.00	5.35 -0.21 0.00	7.23 -0.27 -0.58	2.05 -0.03 -1.33	5.10 -0.14 -1.39	6.28 -0.13 -2.75	9.16 -0.27 -1.65	-2.67 0.29 -5.35	5.95 -0.18 -1.40	5.55 -0.17 -1.15
SITHE_IND_GS4 24172	18.04 -0.44 0.00	17.22 -0.43 0.00	17.21 -0.41 0.00	17.06 -0.42 0.00	17.06 -0.44 0.00	17.98 -0.71 0.00	17.38 -0.70 -0.08	17.86 -0.72 -0.06	16.43 -0.68 -0.03	15.12 -0.63 0.00	7.94 -0.32 0.00	8.17 -0.33 0.00	11.18 -0.44 0.00	9.34 -0.36 0.00	6.55 -0.26 0.00	5.35 -0.21 0.00	7.23 -0.27 -0.58	2.05 -0.03 -1.33	5.10 -0.14 -1.39	6.28 -0.13 -2.75	9.16 -0.27 -1.65	-2.67 0.29 -5.35	5.95 -0.18 -1.40	5.55 -0.17 -1.15
SITHE___BATAVIA 24024	18.36 -0.13 0.00	17.51 -0.14 0.00	17.55 -0.07 0.00	17.34 -0.14 0.00	17.31 -0.20 0.00	18.28 -0.41 0.00	17.64 -0.50 -0.14	16.32 -0.59 1.62	16.57 -0.57 -0.05	15.27 -0.48 0.00	8.07 -0.19 0.00	8.28 -0.22 0.00	11.30 -0.31 0.00	9.48 -0.22 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.73 -0.22 -1.04	3.11 0.00 -2.36	6.24 -0.07 -2.47	8.46 -0.08 -4.88	10.60 -0.12 -2.94	1.24 0.05 -9.50	7.10 -0.10 -2.48	6.53 -0.07 -2.04
SITHE___INDEPEND 23800	18.04 -0.45 0.00	17.22 -0.43 0.00	17.21 -0.41 0.00	17.06 -0.42 0.00	17.06 -0.44 0.00	17.97 -0.72 0.00	17.38 -0.70 -0.08	17.74 -0.73 0.06	16.42 -0.69 -0.03	15.12 -0.63 0.00	7.94 -0.32 0.00	8.17 -0.33 0.00	11.18 -0.44 0.00	9.34 -0.36 0.00	6.55 -0.26 0.00	5.35 -0.21 0.00	7.22 -0.27 -0.58	2.05 -0.03 -1.33	5.10 -0.14 -1.39	6.27 -0.13 -2.74	9.16 -0.27 -1.65	-2.67 0.29 -5.35	5.95 -0.17 -1.40	5.56 -0.17 -1.16
SITHE___MASSENA 23902	18.30 -0.18 0.00	17.46 -0.19 0.00	17.46 -0.17 0.00	17.32 -0.16 0.00	17.32 -0.18 0.00	18.49 -0.21 0.00	17.79 -0.21 0.00	18.28 -0.25 0.00	16.85 -0.23 0.00	15.56 -0.19 0.00	8.19 -0.07 0.00	8.40 -0.09 0.00	11.44 -0.17 0.00	9.56 -0.14 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.81 -0.10 0.00	0.74 -0.01 0.00	3.79 -0.06 0.00	3.61 -0.05 0.00	7.67 -0.11 0.00	-8.19 0.12 0.00	4.65 -0.07 0.00	4.50 -0.07 0.00
SITHE___OGDNSBRG 24021	18.31 -0.18 0.00	17.46 -0.19 0.00	17.46 -0.16 0.00	17.33 -0.15 0.00	17.33 -0.17 0.00	18.47 -0.22 0.00	17.81 -0.20 -0.01	18.28 -0.29 -0.04	16.78 -0.30 -0.01	15.48 -0.27 0.00	8.15 -0.11 0.00	8.36 -0.13 0.00	11.38 -0.23 0.00	9.51 -0.19 0.00	6.68 -0.14 0.00	5.45 -0.12 0.00	6.86 -0.14 -0.10	0.96 -0.01 -0.23	4.01 -0.07 -0.24	4.11 -0.06 -0.50	7.95 -0.11 -0.28	-7.29 0.13 -0.90	4.87 -0.08 -0.23	4.67 -0.07 -0.17
SITHE___STERLING 23777	18.93 0.44 0.00	18.06 0.41 0.00	18.05 0.42 0.00	17.89 0.40 0.00	17.90 0.39 0.00	19.01 0.32 0.00	18.35 0.29 -0.05	18.82 0.25 -0.04	17.26 0.15 -0.02	15.87 0.12 0.00	8.32 0.06 0.00	8.53 0.04 0.00	11.65 0.04 0.00	9.72 0.03 0.00	6.82 0.01 0.00	5.57 0.01 0.00	7.39 0.01 -0.47	1.82 0.00 -1.07	4.99 0.03 -1.12	5.91 0.03 -2.21	9.21 0.10 -1.33	-4.10 -0.09 -4.30	5.89 0.04 -1.13	5.53 0.04 -0.92
SLEIGHT__34_KV_TB1 80719	18.70 0.21 0.00	17.80 0.15 0.00	17.83 0.20 0.00	17.65 0.17 0.00	17.69 0.18 0.00	18.63 -0.06 0.00	18.09 -0.04 -0.13	18.31 -0.03 0.19	17.03 -0.10 -0.05	15.70 -0.04 0.00	8.23 -0.03 0.00	8.45 -0.04 0.00	11.57 -0.04 0.00	9.68 -0.02 0.00	6.77 -0.04 0.00	5.52 -0.04 0.00	7.80 -0.05 -0.94	2.87 0.00 -2.12	6.07 0.01 -2.22	7.97 0.00 -4.31	10.47 0.04 -2.64	0.21 -0.05 -8.56	6.96 0.00 -2.24	6.40 0.00 -1.83
SOUTH CAIRO___GT 23612	19.32 0.83 0.00	18.44 0.79 0.00	18.33 0.71 0.00	18.21 0.72 0.00	18.27 0.77 0.00	19.52 0.83 0.00	20.01 0.84 -1.17	20.15 0.78 -0.84	18.15 0.63 -0.45	16.19 0.44 0.00	8.40 0.14 0.00	8.69 0.19 0.00	11.91 0.29 0.00	9.93 0.23 0.00	6.99 0.17 0.00	5.72 0.15 0.00	15.95 0.21 -8.83	20.62 0.04 -19.84	24.66 0.16 -20.65	44.63 0.17 -40.79	32.71 0.39 -24.54	70.77 -0.40 -79.48	25.71 0.22 -20.76	21.78 0.20 -17.01
SOUTH HAMPTN___IC 23720	20.43 1.94 0.00	23.13 2.03 -3.45	21.36 2.01 -1.73	60.01 2.02 -40.51	61.65 2.05 -42.10	22.71 2.24 -1.78	21.18 2.25 -0.92	21.55 2.36 -0.66	19.52 2.09 -0.35	17.74 1.99 0.00	27.81 0.98 -18.56	31.31 1.02 -21.79	12.92 1.31 0.00	10.78 1.08 0.00	7.79 0.83 -0.15	27.81 0.65 -21.60	17.38 0.84 -9.63	71.51 0.08 -70.68	39.90 0.44 -35.62	41.79 0.42 -37.70	34.13 0.88 -25.47	69.28 -0.89 -78.48	22.50 0.55 -17.22	37.25 0.55 -32.12
SOUTHDOW__115KV_TB1 355954	19.04 0.55 0.00	18.14 0.49 0.00	18.19 0.57 0.00	17.97 0.48 0.00	17.97 0.46 0.00	19.21 0.52 0.00	18.58 0.40 -0.18	18.73 0.48 0.28	17.68 0.53 -0.07	16.40 0.66 0.00	8.71 0.45 0.00	8.93 0.44 0.00	12.23 0.61 0.00	10.19 0.49 0.00	7.07 0.26 0.00	5.78 0.22 0.00	8.48 0.23 -1.34	3.82 0.03 -3.04	7.13 0.11 -3.17	10.15 0.09 -6.40	11.76 0.21 -3.76	3.54 -0.34 -12.19	8.04 0.12 -3.19	7.34 0.15 -2.62
SOUTHOLD_69_KV_BK 2 55809	20.66 2.18 0.00	23.34 2.23 -3.45	21.57 2.22 -1.73	60.22 2.23 -40.51	71.69 2.22 -51.96	22.98 2.51 -1.78	21.42 2.50 -0.92	21.93 2.61 -0.79	19.76 2.33 -0.35	17.95 2.20 0.00	27.90 1.08 -18.56	31.39 1.11 -21.79	13.04 1.42 0.00	10.89 1.19 0.00	7.87 0.91 -0.15	27.88 0.72 -21.60	17.46 0.93 -9.62	71.50 0.09 -70.66	39.95 0.50 -35.61	41.65 0.48 -37.51	34.26 1.00 -25.47	69.15 -1.02 -78.48	22.55 0.62 -17.21	37.18 0.60 -32.01
SOUTHOLD___IC 23719	20.66 2.18 0.00	23.34 2.23 -3.45	21.57 2.21 -1.73	60.23 2.24 -40.51	61.87 2.27 -42.10	22.95 2.48 -1.78	21.41 2.49 -0.92	21.81 2.61 -0.66	19.75 2.32 -0.35	17.95 2.20 0.00	27.90 1.08 -18.56	31.42 1.13 -21.79	13.05 1.43 0.00	10.89 1.19 0.00	7.87 0.91 -0.15	27.88 0.72 -21.60	17.47 0.93 -9.63	71.52 0.09 -70.68	39.96 0.50 -35.62	41.84 0.48 -37.70	34.26 1.00 -25.47	69.15 -1.02 -78.48	22.57 0.62 -17.22	37.31 0.62 -32.12

SPIERFLS_115KV_TB 1 80737	19.23 0.74 0.00	18.35 0.70 0.00	18.23 0.61 0.00	18.10 0.61 0.00	18.16 0.66 0.00	19.43 0.74 0.00	20.08 0.74 -1.34	20.31 0.72 -1.07	18.20 0.61 -0.51	16.22 0.47 0.00	8.43 0.17 0.00	8.72 0.23 0.00	11.99 0.37 0.00	10.03 0.33 0.00	7.04 0.23 0.00	5.75 0.19 0.00	17.29 0.29 -10.10	23.32 0.04 -22.54	27.44 0.19 -23.40	50.25 0.17 -46.41	35.95 0.37 -27.80	81.34 -0.37 -90.02	28.45 0.20 -23.53	24.13 0.17 -19.39
ST LAWRENCE____ 23600	18.18 -0.31 0.00	17.34 -0.31 0.00	17.34 -0.29 0.00	17.20 -0.28 0.00	17.20 -0.30 0.00	18.37 -0.33 0.00	17.69 -0.31 0.00	18.18 -0.35 0.00	16.76 -0.32 0.00	15.49 -0.26 0.00	8.14 -0.12 0.00	8.36 -0.13 0.00	11.39 -0.23 0.00	9.52 -0.18 0.00	6.69 -0.12 0.00	5.46 -0.10 0.00	6.78 -0.13 0.00	0.73 -0.01 0.00	3.77 -0.07 0.00	3.59 -0.07 0.00	7.63 -0.16 0.00	-8.15 0.16 0.00	4.63 -0.09 0.00	4.48 -0.09 0.00
STATE_CA_115KV_115_LB 55624	18.84 0.35 0.00	18.02 0.37 0.00	17.91 0.29 0.00	17.78 0.30 0.00	17.81 0.31 0.00	19.01 0.32 0.00	19.59 0.30 -1.29	19.87 0.31 -1.03	17.87 0.30 -0.49	16.01 0.26 0.00	8.37 0.10 0.00	8.62 0.12 0.00	11.84 0.22 0.00	9.86 0.16 0.00	6.93 0.11 0.00	5.66 0.09 0.00	16.78 0.13 -9.74	22.46 0.01 -21.70	26.43 0.08 -22.51	48.49 0.07 -44.75	34.66 0.14 -26.73	78.13 -0.13 -86.57	27.41 0.07 -22.61	23.09 0.08 -18.44
STATE_ST_34_KV_LOAD 55959	18.74 0.25 0.00	17.82 0.17 0.00	17.85 0.23 0.00	17.72 0.24 0.00	17.76 0.25 0.00	18.78 0.09 0.00	18.29 0.15 -0.13	21.54 0.16 -2.85	17.19 0.06 -0.05	15.75 0.00 0.00	8.23 -0.04 0.00	8.49 0.00 0.00	11.60 -0.02 0.00	9.76 0.06 0.00	6.83 0.02 0.00	5.56 0.00 0.00	7.90 0.02 -0.98	2.97 0.00 -2.22	6.21 0.04 -2.33	8.18 0.03 -4.48	10.65 0.09 -2.77	0.56 -0.11 -8.97	7.10 0.03 -2.34	6.46 0.01 -1.88
STATION 5_MISC_HYD 23604	18.12 -0.37 0.00	17.29 -0.36 0.00	17.31 -0.32 0.00	17.13 -0.36 0.00	17.12 -0.39 0.00	18.07 -0.62 0.00	17.48 -0.65 -0.13	15.93 -0.72 1.88	16.49 -0.64 -0.05	15.22 -0.53 0.00	8.03 -0.23 0.00	8.27 -0.23 0.00	11.31 -0.31 0.00	9.48 -0.22 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.65 -0.21 -0.94	2.87 -0.01 -2.14	5.98 -0.10 -2.24	7.97 -0.11 -4.42	10.25 -0.19 -2.66	0.45 0.15 -8.61	6.83 -0.15 -2.25	6.29 -0.12 -1.84
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.37 -0.12 0.00	17.52 -0.13 0.00	17.54 -0.08 0.00	17.37 -0.11 0.00	17.37 -0.13 0.00	18.31 -0.38 0.00	17.71 -0.42 -0.13	13.41 -0.44 4.68	16.70 -0.43 -0.05	15.40 -0.35 0.00	8.11 -0.15 0.00	8.33 -0.16 0.00	11.41 -0.20 0.00	9.55 -0.15 0.00	6.67 -0.14 0.00	5.45 -0.11 0.00	7.71 -0.15 -0.94	2.88 -0.01 -2.14	6.02 -0.06 -2.24	8.01 -0.06 -4.40	10.35 -0.10 -2.67	0.40 0.08 -8.63	6.90 -0.08 -2.26	6.34 -0.07 -1.84
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.04 -0.44 0.00	17.21 -0.44 0.00	17.23 -0.39 0.00	17.05 -0.43 0.00	17.05 -0.45 0.00	17.98 -0.71 0.00	17.38 -0.75 -0.13	15.33 -0.80 2.39	16.39 -0.74 -0.05	15.15 -0.60 0.00	8.00 -0.27 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.43 -0.27 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	7.60 -0.24 -0.93	2.85 -0.02 -2.12	5.94 -0.12 -2.22	7.88 -0.12 -4.34	10.20 -0.23 -2.64	0.43 0.19 -8.55	6.80 -0.16 -2.24	6.24 -0.15 -1.82
STA_56____34_KV_BUS2 355983	18.04 -0.44 0.00	17.21 -0.44 0.00	17.23 -0.39 0.00	17.05 -0.43 0.00	17.05 -0.45 0.00	17.98 -0.71 0.00	17.38 -0.75 -0.13	15.33 -0.80 2.39	16.39 -0.74 -0.05	15.15 -0.60 0.00	8.00 -0.27 0.00	8.23 -0.27 0.00	11.25 -0.36 0.00	9.43 -0.27 0.00	6.58 -0.23 0.00	5.38 -0.18 0.00	7.60 -0.24 -0.93	2.85 -0.02 -2.12	5.94 -0.12 -2.22	7.88 -0.12 -4.34	10.20 -0.23 -2.64	0.43 0.19 -8.55	6.80 -0.16 -2.24	6.24 -0.15 -1.82
STA_67____115KV_BK2 355882	18.08 -0.40 0.00	17.25 -0.40 0.00	17.28 -0.34 0.00	17.09 -0.39 0.00	17.09 -0.41 0.00	18.04 -0.65 0.00	17.43 -0.69 -0.13	15.89 -0.77 1.87	16.42 -0.70 -0.05	15.18 -0.57 0.00	8.02 -0.24 0.00	8.25 -0.24 0.00	11.29 -0.33 0.00	9.46 -0.24 0.00	6.60 -0.21 0.00	5.39 -0.17 0.00	7.63 -0.23 -0.94	2.87 -0.02 -2.14	5.96 -0.11 -2.23	7.91 -0.12 -4.36	10.23 -0.21 -2.66	0.47 0.17 -8.60	6.82 -0.15 -2.25	6.27 -0.14 -1.84
STA_7____115KV_9TRANS 80674	18.19 -0.29 0.00	17.36 -0.29 0.00	17.37 -0.25 0.00	17.19 -0.29 0.00	17.19 -0.31 0.00	18.15 -0.54 0.00	17.55 -0.58 -0.13	16.02 -0.64 1.88	16.53 -0.60 -0.05	15.28 -0.46 0.00	8.07 -0.19 0.00	8.30 -0.19 0.00	11.36 -0.26 0.00	9.52 -0.18 0.00	6.64 -0.17 0.00	5.43 -0.13 0.00	7.67 -0.18 -0.94	2.87 -0.01 -2.14	5.99 -0.09 -2.23	7.94 -0.09 -4.37	10.29 -0.15 -2.66	0.41 0.11 -8.61	6.86 -0.12 -2.25	6.30 -0.11 -1.84
STA_82____115KV_TB1 80780	18.09 -0.40 0.00	17.26 -0.39 0.00	17.28 -0.34 0.00	17.10 -0.39 0.00	17.09 -0.41 0.00	18.04 -0.65 0.00	17.45 -0.68 -0.13	15.87 -0.76 1.91	16.43 -0.70 -0.05	15.19 -0.56 0.00	8.02 -0.24 0.00	8.25 -0.24 0.00	11.28 -0.33 0.00	9.46 -0.24 0.00	6.60 -0.21 0.00	5.39 -0.17 0.00	7.63 -0.22 -0.94	2.88 -0.02 -2.14	5.98 -0.11 -2.24	7.93 -0.12 -4.38	10.24 -0.21 -2.67	0.50 0.16 -8.64	6.83 -0.15 -2.26	6.28 -0.14 -1.85
STEEL____WIND 323596	18.14 -0.35 0.00	17.32 -0.33 0.00	17.38 -0.24 0.00	17.16 -0.33 0.00	17.10 -0.40 0.00	18.04 -0.65 0.00	17.42 -0.75 -0.16	16.62 -0.82 1.09	16.48 -0.66 -0.06	15.28 -0.47 0.00	8.12 -0.14 0.00	8.34 -0.16 0.00	11.41 -0.20 0.00	9.57 -0.12 0.00	6.66 -0.15 0.00	5.45 -0.11 0.00	7.96 -0.18 -1.23	3.53 -0.01 -2.80	6.66 -0.11 -2.92	9.31 -0.13 -5.77	11.02 -0.24 -3.47	3.10 0.16 -11.25	7.50 -0.17 -2.94	6.85 -0.13 -2.41
STEPHTWN_115KV_BK_2 55603	18.94 0.45 0.00	18.12 0.47 0.00	18.01 0.39 0.00	17.87 0.39 0.00	17.91 0.41 0.00	19.12 0.42 0.00	19.68 0.40 -1.28	19.96 0.40 -1.02	17.95 0.38 -0.49	16.09 0.34 0.00	8.41 0.14 0.00	8.67 0.17 0.00	11.89 0.28 0.00	9.90 0.20 0.00	6.96 0.15 0.00	5.68 0.12 0.00	16.70 0.18 -9.62	22.19 0.02 -21.42	26.17 0.11 -22.22	47.99 0.11 -44.22	34.38 0.21 -26.39	76.95 -0.19 -85.44	27.15 0.11 -22.31	22.84 0.11 -18.16
STEBEN_REC_LFGE 323667	19.01 0.53 0.00	18.17 0.52 0.00	18.21 0.59 0.00	18.02 0.54 0.00	18.02 0.51 0.00	19.01 0.32 0.00	18.48 0.27 -0.21	21.69 0.27 -2.89	17.36 0.20 -0.08	15.99 0.24 0.00	8.44 0.18 0.00	8.65 0.16 0.00	11.84 0.23 0.00	9.91 0.21 0.00	6.90 0.09 0.00	5.65 0.08 0.00	8.53 0.06 -1.56	4.30 0.02 -3.54	7.60 0.05 -3.70	10.93 0.04 -7.22	12.31 0.12 -4.41	5.80 -0.17 -14.28	8.51 0.06 -3.73	7.67 0.06 -3.03
STONY____BROOK 24151	20.19 1.71 0.00	22.84 1.74 -3.45	21.06 1.71 -1.73	59.69 1.72 -40.48	61.32 1.74 -42.07	22.37 1.90 -1.78	20.85 1.93 -0.92	21.23 2.04 -0.66	19.25 1.82 -0.35	17.47 1.73 0.00	27.66 0.84 -18.56	31.18 0.89 -21.79	12.75 1.14 0.00	10.65 0.95 0.00	7.70 0.74 -0.15	27.75 0.59 -21.60	17.29 0.75 -9.63	71.50 0.07 -70.68	39.85 0.39 -35.62	41.74 0.37 -37.70	34.01 0.75 -25.47	69.40 -0.77 -78.48	22.43 0.49 -17.22	37.17 0.48 -32.12

STURGEON_POOL_HYD 23609	20.27 1.79 0.00	19.35 1.70 0.00	19.32 1.70 0.00	19.19 1.70 0.00	19.17 1.67 0.00	20.40 1.70 0.00	20.64 1.69 -0.95	21.18 1.84 -0.80	19.13 1.69 -0.36	17.28 1.53 0.00	9.04 0.78 0.00	9.26 0.77 0.00	12.73 1.11 0.00	10.56 0.87 0.00	7.44 0.63 0.00	6.09 0.52 0.00	14.72 0.68 -7.14	17.22 0.06 -16.42	21.47 0.36 -17.26	38.00 0.37 -33.97	29.06 0.75 -20.52	57.41 -0.73 -66.45	22.51 0.44 -17.34	19.05 0.44 -14.04
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.53 1.04 0.00	18.66 1.01 0.00	18.63 1.00 0.00	18.49 1.01 0.00	18.49 0.99 0.00	19.70 1.01 0.00	19.83 1.00 -0.83	20.35 1.10 -0.73	18.43 1.04 -0.32	16.70 0.95 0.00	8.74 0.47 0.00	8.98 0.48 0.00	12.32 0.71 0.00	10.25 0.55 0.00	7.21 0.40 0.00	5.90 0.33 0.00	13.62 0.42 -6.29	15.44 0.03 -14.66	19.52 0.21 -15.47	34.46 0.21 -30.59	26.58 0.41 -18.38	50.81 -0.41 -59.53	20.53 0.26 -15.54	17.53 0.25 -12.71
SWANROAD_115KV_TB1 355699	17.43 -1.06 0.00	16.63 -1.02 0.00	16.69 -0.93 0.00	16.47 -1.02 0.00	16.45 -1.06 0.00	17.30 -1.40 0.00	16.66 -1.49 -0.15	15.65 -1.59 1.29	15.71 -1.43 -0.06	14.62 -1.13 0.00	7.78 -0.48 0.00	8.00 -0.49 0.00	10.93 -0.68 0.00	9.17 -0.53 0.00	6.39 -0.42 0.00	5.23 -0.33 0.00	7.58 -0.46 -1.13	3.29 -0.03 -2.58	6.27 -0.27 -2.69	8.67 -0.28 -5.29	10.42 -0.56 -3.20	2.56 0.49 -10.37	7.08 -0.35 -2.71	6.49 -0.30 -2.22
SYNERGY___BIOGAS 323694	18.36 -0.13 0.00	17.51 -0.14 0.00	17.55 -0.07 0.00	17.34 -0.14 0.00	17.31 -0.20 0.00	18.28 -0.41 0.00	17.64 -0.50 -0.14	16.32 -0.59 1.62	16.57 -0.57 -0.05	15.27 -0.48 0.00	8.07 -0.19 0.00	8.28 -0.22 0.00	11.30 -0.31 0.00	9.48 -0.22 0.00	6.61 -0.20 0.00	5.40 -0.16 0.00	7.73 -0.22 -1.04	3.11 0.00 -2.36	6.24 -0.07 -2.47	8.46 -0.08 -4.88	10.60 -0.12 -2.94	1.24 0.05 -9.50	7.10 -0.10 -2.48	6.53 -0.07 -2.04
SYRACUSE___ENERGY_ST1 323597	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.25 0.00	17.87 -0.24 -0.11	19.23 -0.25 -0.95	16.86 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.13 0.00	11.45 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.82	2.60 -0.01 -1.86	5.75 -0.04 -1.94	7.46 -0.04 -3.84	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.06 -1.95	6.12 -0.06 -1.60
SYRACUSE___ENERGY_ST2 323598	18.48 0.00 0.00	17.64 -0.01 0.00	17.64 0.01 0.00	17.49 0.01 0.00	17.49 -0.01 0.00	18.44 -0.25 0.00	17.87 -0.24 -0.11	19.23 -0.25 -0.95	16.86 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.13 0.00	11.45 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.11 0.00	5.48 -0.08 0.00	7.62 -0.10 -0.82	2.60 -0.01 -1.86	5.75 -0.04 -1.94	7.46 -0.04 -3.84	10.02 -0.07 -2.31	-0.76 0.07 -7.48	6.62 -0.06 -1.95	6.12 -0.06 -1.60
SYRACUSE___POWER 24017	18.48 -0.01 0.00	17.64 -0.01 0.00	17.62 0.00 0.00	17.48 -0.01 0.00	17.48 -0.03 0.00	18.44 -0.25 0.00	17.87 -0.25 -0.11	18.84 -0.26 -0.56	16.86 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.13 0.00	11.46 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.10 0.00	5.48 -0.08 0.00	7.65 -0.10 -0.84	2.65 -0.01 -1.91	5.80 -0.04 -2.00	7.56 -0.04 -3.93	10.09 -0.07 -2.37	-0.56 0.07 -7.68	6.68 -0.05 -2.01	6.18 -0.05 -1.66
TALLMAN__138KV_BK151 55660	19.61 1.12 0.00	18.73 1.08 0.00	18.71 1.08 0.00	18.57 1.09 0.00	18.56 1.06 0.00	19.77 1.08 0.00	19.95 1.08 -0.86	20.48 1.20 -0.75	18.54 1.13 -0.33	16.80 1.05 0.00	8.79 0.53 0.00	9.04 0.54 0.00	12.40 0.79 0.00	10.31 0.61 0.00	7.26 0.45 0.00	5.94 0.37 0.00	13.90 0.47 -6.52	16.00 0.04 -15.22	20.13 0.23 -16.06	35.54 0.23 -31.64	27.33 0.45 -19.09	53.05 -0.44 -61.81	21.14 0.28 -16.14	18.07 0.27 -13.22
TEALLAVE_115KV_TB7 355573	18.36 -0.13 0.00	17.53 -0.12 0.00	17.51 -0.11 0.00	17.37 -0.12 0.00	17.37 -0.14 0.00	18.32 -0.37 0.00	17.73 -0.37 -0.10	18.51 -0.38 -0.37	16.73 -0.38 -0.04	15.41 -0.34 0.00	8.10 -0.17 0.00	8.32 -0.17 0.00	11.40 -0.21 0.00	9.52 -0.17 0.00	6.67 -0.14 0.00	5.45 -0.11 0.00	7.49 -0.14 -0.72	2.37 -0.01 -1.64	5.50 -0.07 -1.71	6.95 -0.06 -3.35	9.71 -0.11 -2.04	-1.59 0.12 -6.60	6.37 -0.08 -1.72	5.90 -0.08 -1.41
TELGRAPH_34_KV_EAST 80808	17.89 -0.60 0.00	17.07 -0.58 0.00	17.13 -0.50 0.00	16.90 -0.58 0.00	16.89 -0.61 0.00	17.77 -0.92 0.00	17.13 -1.02 -0.15	15.97 -1.11 1.45	16.13 -1.00 -0.06	14.98 -0.77 0.00	7.96 -0.31 0.00	8.17 -0.32 0.00	11.17 -0.44 0.00	9.37 -0.33 0.00	6.52 -0.29 0.00	5.33 -0.23 0.00	7.68 -0.32 -1.09	3.20 -0.02 -2.48	6.27 -0.16 -2.59	8.55 -0.18 -5.07	10.51 -0.35 -3.08	1.93 0.27 -9.97	7.10 -0.23 -2.61	6.52 -0.19 -2.14
TEMPLE___115KV_TB 2 55572	18.37 -0.11 0.00	17.55 -0.11 0.00	17.53 -0.09 0.00	17.38 -0.11 0.00	17.38 -0.12 0.00	18.34 -0.35 0.00	17.75 -0.36 -0.10	18.53 -0.37 -0.36	16.75 -0.37 -0.04	15.42 -0.32 0.00	8.10 -0.16 0.00	8.33 -0.16 0.00	11.41 -0.20 0.00	9.53 -0.16 0.00	6.68 -0.13 0.00	5.46 -0.10 0.00	7.51 -0.13 -0.73	2.40 -0.01 -1.66	5.52 -0.06 -1.73	7.02 -0.05 -3.41	9.74 -0.11 -2.06	-1.52 0.11 -6.68	6.39 -0.08 -1.74	5.93 -0.08 -1.44
TIANA____69_KV_BK 1 55817	20.35 1.87 0.00	23.06 1.96 -3.45	21.29 1.94 -1.73	59.93 1.94 -40.51	71.39 1.93 -51.96	22.65 2.17 -1.78	21.09 2.17 -0.92	21.58 2.27 -0.79	19.44 2.01 -0.35	17.66 1.92 0.00	27.78 0.95 -18.56	31.26 0.97 -21.79	12.87 1.26 0.00	10.73 1.04 0.00	7.76 0.80 -0.15	27.79 0.62 -21.60	17.34 0.81 -9.62	71.48 0.08 -70.66	39.88 0.42 -35.61	41.58 0.40 -37.51	34.09 0.84 -25.47	69.32 -0.85 -78.48	22.46 0.52 -17.21	37.11 0.52 -32.01
TILDEN___115KV_TB1 80814	18.48 -0.01 0.00	17.64 -0.01 0.00	17.62 0.00 0.00	17.48 -0.01 0.00	17.48 -0.03 0.00	18.44 -0.25 0.00	17.87 -0.25 -0.11	18.84 -0.26 -0.56	16.86 -0.27 -0.04	15.50 -0.25 0.00	8.14 -0.12 0.00	8.37 -0.13 0.00	11.46 -0.16 0.00	9.58 -0.12 0.00	6.71 -0.10 0.00	5.48 -0.08 0.00	7.65 -0.10 -0.84	2.65 -0.01 -1.91	5.80 -0.04 -2.00	7.56 -0.04 -3.93	10.09 -0.07 -2.37	-0.56 0.07 -7.68	6.68 -0.05 -2.01	6.18 -0.05 -1.66
TRIGEN___CC 323695	19.99 1.50 0.00	22.10 1.47 -2.98	20.56 1.45 -1.49	54.87 1.46 -35.93	68.65 1.43 -49.72	21.81 1.58 -1.54	20.48 1.56 -0.92	20.98 1.67 -0.79	18.96 1.53 -0.35	17.20 1.45 0.00	27.57 0.74 -18.56	31.05 0.76 -21.79	12.63 1.02 0.00	10.53 0.83 0.00	7.60 0.64 -0.15	27.69 0.52 -21.60	17.18 0.65 -9.62	71.46 0.05 -70.66	39.77 0.32 -35.61	41.49 0.31 -37.51	33.88 0.63 -25.47	69.55 -0.62 -78.48	22.33 0.39 -17.21	36.97 0.38 -32.01
TRINITY__115KV__ 4 BK 55933	18.77 0.29 0.00	17.96 0.31 0.00	17.86 0.23 0.00	17.73 0.24 0.00	17.76 0.26 0.00	18.96 0.26 0.00	19.53 0.25 -1.28	19.80 0.25 -1.03	17.82 0.25 -0.49	15.96 0.22 0.00	8.33 0.07 0.00	8.59 0.10 0.00	11.79 0.18 0.00	9.82 0.13 0.00	6.91 0.10 0.00	5.64 0.08 0.00	16.65 0.11 -9.63	22.22 0.01 -21.47	26.17 0.06 -22.26	48.02 0.06 -44.30	34.33 0.11 -26.44	77.21 -0.10 -85.61	27.14 0.06 -22.36	22.84 0.06 -18.20

UNION___PROCESSING_DRP 323587	18.09 -0.39 0.00	17.26 -0.39 0.00	17.28 -0.34 0.00	17.10 -0.38 0.00	17.10 -0.40 0.00	18.05 -0.64 0.00	17.45 -0.68 -0.13	15.85 -0.75 1.92	16.44 -0.69 -0.05	15.19 -0.56 0.00	8.02 -0.24 0.00	8.25 -0.24 0.00	11.29 -0.32 0.00	9.46 -0.23 0.00	6.60 -0.21 0.00	5.39 -0.17 0.00	7.63 -0.22 -0.94	2.88 -0.02 -2.15	5.98 -0.11 -2.24	7.94 -0.11 -4.39	10.25 -0.20 -2.67	0.50 0.16 -8.65	6.84 -0.15 -2.26	6.29 -0.13 -1.85
UPPER HUDSON___HYD 24058	19.22 0.74 0.00	18.35 0.70 0.00	18.23 0.61 0.00	18.10 0.62 0.00	18.19 0.68 0.00	19.41 0.72 0.00	20.08 0.74 -1.34	20.21 0.71 -0.96	18.19 0.60 -0.51	16.22 0.47 0.00	8.43 0.17 0.00	8.73 0.24 0.00	11.99 0.38 0.00	10.03 0.33 0.00	7.04 0.23 0.00	5.75 0.19 0.00	17.28 0.28 -10.09	23.30 0.04 -22.52	27.43 0.19 -23.39	50.04 0.17 -46.20	35.95 0.37 -27.80	81.34 -0.37 -90.02	28.44 0.20 -23.52	24.03 0.18 -19.27
UPPER RAQUET___HYD 24056	17.79 -0.70 0.00	16.96 -0.69 0.00	16.96 -0.66 0.00	16.82 -0.66 0.00	16.82 -0.68 0.00	17.95 -0.74 0.00	17.30 -0.71 0.00	17.75 -0.78 0.00	16.33 -0.75 0.00	15.06 -0.68 0.00	7.92 -0.34 0.00	8.11 -0.38 0.00	11.03 -0.58 0.00	9.20 -0.50 0.00	6.47 -0.34 0.00	5.27 -0.28 0.00	6.55 -0.36 0.00	0.71 -0.04 0.00	3.66 -0.18 0.00	3.50 -0.17 0.00	7.43 -0.36 0.00	-7.91 0.39 0.00	4.48 -0.24 0.00	4.33 -0.24 0.00
VALLEY44_115KV_TB2 355964	18.89 0.40 0.00	18.08 0.43 0.00	18.14 0.51 0.00	17.95 0.47 0.00	17.92 0.42 0.00	18.90 0.21 0.00	18.29 0.10 -0.18	18.58 0.13 0.08	17.33 0.18 -0.07	16.07 0.32 0.00	8.51 0.25 0.00	8.75 0.26 0.00	12.02 0.40 0.00	10.03 0.34 0.00	6.98 0.17 0.00	5.68 0.12 0.00	8.38 0.10 -1.37	3.88 0.01 -3.13	7.12 0.02 -3.26	10.31 0.00 -6.64	11.67 0.02 -3.87	4.09 -0.12 -12.52	8.02 0.02 -3.27	7.31 0.05 -2.69
VALLEY___115KV_TB 1-4 80826	18.30 -0.19 0.00	17.48 -0.17 0.00	17.39 -0.23 0.00	17.27 -0.21 0.00	17.33 -0.18 0.00	18.42 -0.27 0.00	17.74 -0.27 -0.01	18.28 -0.28 -0.04	16.82 -0.26 -0.01	15.47 -0.28 0.00	8.10 -0.17 0.00	8.32 -0.18 0.00	11.43 -0.19 0.00	9.50 -0.20 0.00	6.66 -0.15 0.00	5.44 -0.11 0.00	6.91 -0.11 -0.11	0.98 -0.01 -0.25	4.05 -0.05 -0.26	4.14 -0.04 -0.52	8.00 -0.09 -0.30	-7.25 0.08 -0.98	4.92 -0.06 -0.25	4.70 -0.05 -0.18
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.67 1.19 0.00	18.75 1.09 0.00	18.73 1.11 0.00	18.60 1.11 0.00	18.62 1.12 0.00	19.88 1.19 0.00	19.57 1.21 -0.36	20.42 1.25 -0.65	18.36 1.14 -0.14	16.75 1.00 0.00	8.74 0.48 0.00	8.99 0.50 0.00	12.28 0.67 0.00	10.28 0.58 0.00	7.20 0.39 0.00	5.88 0.32 -2.69	10.01 0.41 -6.11	6.90 0.05 -6.38	10.48 0.25 -12.66	16.57 0.25 -12.66	15.87 0.50 -7.58	15.73 -0.52 -24.56	11.50 0.29 -6.48	10.62 0.26 -5.79
VISCHER___FERRY HYD 24020	19.09 0.61 0.00	18.25 0.60 0.00	18.14 0.52 0.00	18.02 0.53 0.00	18.06 0.56 0.00	19.27 0.58 0.00	19.86 0.55 -1.30	20.02 0.55 -0.94	18.08 0.50 -0.50	16.16 0.41 0.00	8.42 0.15 0.00	8.68 0.19 0.00	11.92 0.31 0.00	9.94 0.24 0.00	6.99 0.17 0.00	5.70 0.14 0.00	16.91 0.20 -9.80	22.62 0.02 -21.85	26.65 0.12 -22.69	48.59 0.12 -44.82	34.98 0.23 -26.96	78.76 -0.24 -87.32	27.67 0.14 -22.81	23.40 0.13 -18.69
V_A_10_SYNC_DSASP 323832	17.77 -0.72 0.00	16.97 -0.68 0.00	17.02 -0.60 0.00	16.82 -0.66 0.00	16.80 -0.70 0.00	17.68 -1.01 0.00	17.06 -1.08 -0.14	15.96 -1.16 1.40	16.11 -1.02 -0.05	14.95 -0.80 0.00	7.93 -0.33 0.00	8.16 -0.33 0.00	11.17 -0.44 0.00	9.36 -0.34 0.00	6.52 -0.29 0.00	5.33 -0.23 0.00	7.63 -0.32 -1.04	3.08 -0.02 -2.36	6.13 -0.18 -2.47	8.27 -0.20 -4.80	10.34 -0.38 -2.94	1.52 0.32 -9.51	6.96 -0.25 -2.49	6.44 -0.21 -2.08
V_CMM_10_SYNC_DSASP 323787	18.26 -0.22 0.00	17.42 -0.23 0.00	17.41 -0.21 0.00	17.28 -0.21 0.00	17.28 -0.22 0.00	18.44 -0.25 0.00	17.76 -0.24 0.00	18.26 -0.27 0.00	16.83 -0.24 0.00	15.55 -0.20 0.00	8.18 -0.08 0.00	8.40 -0.09 0.00	11.44 -0.17 0.00	9.56 -0.14 0.00	6.72 -0.09 0.00	5.48 -0.08 0.00	6.81 -0.10 0.00	0.74 -0.01 0.00	3.79 -0.06 0.00	3.61 -0.06 0.00	7.66 -0.12 0.00	-8.18 0.13 0.00	4.65 -0.07 0.00	4.50 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	18.71 0.22 0.00	17.77 0.12 0.00	17.68 0.06 0.00	17.57 0.08 0.00	17.61 0.11 0.00	18.90 0.20 0.00	18.32 0.32 0.00	18.85 0.32 0.00	17.43 0.35 0.00	16.04 0.29 0.00	8.35 0.08 0.00	8.53 0.04 0.00	11.50 -0.12 0.00	9.52 -0.17 0.00	6.71 -0.10 0.00	5.48 -0.08 0.00	6.84 -0.07 0.00	0.74 0.00 0.00	3.84 -0.01 0.00	3.68 0.01 0.00	7.77 -0.01 0.00	-8.35 -0.05 0.00	4.63 -0.09 0.00	4.46 -0.11 0.00
V_E_10_SYNC_DSASP 323830	19.85 1.36 0.00	18.92 1.27 0.00	18.99 1.36 0.00	18.83 1.34 0.00	18.83 1.33 0.00	19.95 1.26 0.00	19.50 1.22 -0.27	20.86 1.21 -1.13	18.16 0.98 -0.10	16.47 0.72 0.00	8.60 0.34 0.00	8.80 0.31 0.00	12.08 0.46 0.00	10.08 0.38 0.00	7.08 0.27 0.00	5.77 0.21 0.00	9.23 0.24 -2.07	5.51 0.05 -4.71	9.00 0.23 -4.93	13.64 0.25 -9.73	14.19 0.55 -5.85	10.08 -0.57 -18.96	10.00 0.33 -4.95	8.94 0.30 -4.06
V_F_30_NSYNC___DSASP 323816	19.34 0.86 0.00	18.47 0.81 0.00	18.37 0.74 0.00	18.23 0.74 0.00	18.29 0.79 0.00	19.52 0.83 0.00	20.15 0.81 -1.33	20.30 0.81 -0.96	18.30 0.72 -0.51	16.35 0.60 0.00	8.51 0.25 0.00	8.79 0.30 0.00	12.07 0.46 0.00	10.08 0.39 0.00	7.08 0.27 0.00	5.78 0.22 0.00	17.26 0.31 -10.05	23.21 0.04 -22.42	27.33 0.19 -23.29	49.86 0.18 -46.01	35.85 0.38 -27.68	80.95 -0.39 -89.64	28.36 0.21 -23.42	23.97 0.21 -19.19
V_F_30_SYNC_DSASP 323786	18.84 0.35 0.00	18.02 0.37 0.00	17.91 0.29 0.00	17.78 0.30 0.00	17.81 0.31 0.00	19.01 0.32 0.00	19.59 0.30 -1.29	19.87 0.31 -1.03	17.87 0.30 -0.49	16.01 0.26 0.00	8.37 0.10 0.00	8.62 0.12 0.00	11.84 0.22 0.00	9.86 0.15 0.00	6.93 0.11 0.00	5.66 0.09 0.00	16.77 0.13 -9.73	22.44 0.01 -21.68	26.41 0.08 -22.49	48.45 0.07 -44.71	34.63 0.14 -26.71	78.05 -0.13 -86.48	27.39 0.07 -22.59	23.07 0.08 -18.42
V_XM_10_SYNC_DSASP 323789	18.71 0.22 0.00	17.77 0.12 0.00	17.68 0.06 0.00	17.57 0.08 0.00	17.61 0.11 0.00	18.90 0.20 0.00	18.32 0.32 0.00	18.85 0.32 0.00	17.43 0.35 0.00	16.04 0.29 0.00	8.35 0.08 0.00	8.53 0.04 0.00	11.50 -0.12 0.00	9.52 -0.17 0.00	6.71 -0.10 0.00	5.48 -0.08 0.00	6.84 -0.07 0.00	0.74 0.00 0.00	3.84 -0.01 0.00	3.68 0.01 0.00	7.77 -0.01 0.00	-8.35 -0.05 0.00	4.63 -0.09 0.00	4.46 -0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.66 1.17 0.00	18.78 1.13 0.00	18.76 1.14 0.00	18.62 1.14 0.00	18.61 1.12 0.00	19.83 1.14 0.00	20.01 1.13 -0.87	20.54 1.26 -0.75	18.60 1.19 -0.33	16.85 1.10 0.00	8.82 0.55 0.00	9.06 0.57 0.00	12.44 0.82 0.00	10.34 0.64 0.00	7.28 0.47 0.00	5.95 0.39 0.00	13.98 0.49 -6.57	16.13 0.04 -15.34	20.28 0.24 -16.19	35.82 0.24 -31.92	27.51 0.48 -19.24	53.54 -0.47 -62.32	21.29 0.30 -16.27	18.19 0.29 -13.32

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.70 1.22 0.00	18.83 1.18 0.00	18.79 1.17 0.00	18.68 1.20 0.00	18.67 1.17 0.00	19.91 1.22 0.00	20.13 1.21 -0.91	20.68 1.37 -0.78	18.75 1.32 -0.35	16.99 1.24 0.00	8.89 0.63 0.00	9.15 0.65 0.00	12.55 0.94 0.00	10.44 0.74 0.00	7.35 0.54 0.00	6.00 0.44 0.00	14.36 0.55 -6.91	16.92 0.04 -16.13	21.13 0.26 -17.03	37.40 0.26 -33.48	28.54 0.50 -20.25	56.79 -0.49 -65.58	22.17 0.32 -17.12	18.82 0.32 -13.93
W50THST__13_KV_LOAD 356117	19.77 1.28 0.00	18.90 1.25 0.00	18.86 1.24 0.00	18.74 1.26 0.00	18.73 1.23 0.00	19.97 1.28 0.00	20.19 1.27 -0.91	20.75 1.44 -0.78	18.82 1.39 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.70 0.00	12.61 1.00 0.00	10.49 0.79 0.00	7.39 0.57 0.00	6.03 0.47 0.00	14.40 0.59 -6.91	16.92 0.04 -16.13	21.15 0.27 -17.03	37.42 0.27 -33.48	28.58 0.54 -20.25	56.76 -0.52 -65.58	22.19 0.34 -17.12	18.84 0.34 -13.93
WADING RIVER_IC_1 23522	20.06 1.57 0.00	22.81 1.71 -3.45	21.05 1.69 -1.73	59.69 1.70 -40.51	61.30 1.70 -42.10	22.35 1.88 -1.78	20.80 1.88 -0.92	21.17 1.98 -0.66	19.16 1.73 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.13 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.23 0.69 -9.63	71.49 0.06 -70.68	39.81 0.35 -35.62	41.70 0.33 -37.70	33.93 0.67 -25.47	69.49 -0.69 -78.48	22.38 0.44 -17.22	37.15 0.46 -32.12
WADING RIVER_IC_2 23547	20.06 1.57 0.00	22.81 1.71 -3.45	21.05 1.69 -1.73	59.69 1.70 -40.51	61.30 1.70 -42.10	22.35 1.88 -1.78	20.80 1.88 -0.92	21.17 1.98 -0.66	19.16 1.73 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.13 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.23 0.69 -9.63	71.49 0.06 -70.68	39.81 0.35 -35.62	41.70 0.33 -37.70	33.93 0.67 -25.47	69.49 -0.69 -78.48	22.38 0.44 -17.22	37.15 0.46 -32.12
WADING RIVER_IC_3 23601	20.06 1.57 0.00	22.81 1.71 -3.45	21.05 1.69 -1.73	59.69 1.70 -40.51	61.30 1.70 -42.10	22.35 1.88 -1.78	20.80 1.88 -0.92	21.17 1.98 -0.66	19.16 1.73 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.15 0.87 -21.79	12.74 1.13 0.00	10.60 0.91 0.00	7.66 0.70 -0.15	27.70 0.54 -21.60	17.23 0.69 -9.63	71.49 0.06 -70.68	39.81 0.35 -35.62	41.70 0.33 -37.70	33.93 0.67 -25.47	69.49 -0.69 -78.48	22.38 0.44 -17.22	37.15 0.46 -32.12
WALDENNY_12_KV_BK2 80841	18.09 -0.39 0.00	17.27 -0.38 0.00	17.33 -0.29 0.00	17.11 -0.38 0.00	17.09 -0.42 0.00	17.97 -0.72 0.00	17.36 -0.81 -0.16	16.53 -0.89 1.11	16.40 -0.75 -0.06	15.24 -0.51 0.00	8.10 -0.16 0.00	8.33 -0.17 0.00	11.39 -0.22 0.00	9.55 -0.15 0.00	6.65 -0.17 0.00	5.43 -0.13 0.00	7.93 -0.20 -1.22	3.51 -0.01 -2.77	6.62 -0.12 -2.89	9.18 -0.14 -5.66	10.97 -0.26 -3.45	3.02 0.18 -11.15	7.47 -0.17 -2.92	6.81 -0.14 -2.38
WALDEN__HYDRO 24148	19.77 1.29 0.00	18.87 1.22 0.00	18.84 1.22 0.00	18.70 1.21 0.00	18.70 1.19 0.00	19.93 1.24 0.00	20.12 1.24 -0.88	20.50 1.34 -0.63	18.64 1.22 -0.33	16.86 1.11 0.00	8.81 0.55 0.00	9.05 0.55 0.00	12.41 0.79 0.00	10.32 0.63 0.00	7.27 0.46 0.00	5.94 0.38 0.00	14.02 0.48 -6.63	16.23 0.04 -15.45	20.37 0.25 -16.28	36.07 0.25 -32.15	27.66 0.53 -19.34	53.80 -0.53 -62.64	21.41 0.32 -16.36	18.29 0.31 -13.41
WARRENSBURG____ 23737	19.22 0.74 0.00	18.35 0.70 0.00	18.23 0.61 0.00	18.10 0.62 0.00	18.19 0.68 0.00	19.41 0.72 0.00	20.08 0.74 -1.34	20.21 0.71 -0.96	18.19 0.60 -0.51	16.22 0.47 0.00	8.43 0.17 0.00	8.73 0.24 0.00	11.99 0.38 0.00	10.03 0.33 0.00	7.04 0.23 0.00	5.75 0.19 0.00	17.28 0.28 -10.09	23.30 0.04 -22.52	27.43 0.19 -23.39	50.04 0.17 -46.20	35.95 0.37 -27.80	81.34 -0.37 -90.02	28.44 0.20 -23.52	24.03 0.18 -19.27
WATERSIDE____6 8 9 23538	19.74 1.26 0.00	18.85 1.20 0.00	18.80 1.18 0.00	18.68 1.20 0.00	18.68 1.18 0.00	19.93 1.24 0.00	20.16 1.24 -0.92	20.71 1.40 -0.78	18.79 1.36 -0.35	17.02 1.27 0.00	8.91 0.65 0.00	9.16 0.67 0.00	12.57 0.96 0.00	10.45 0.75 0.00	7.36 0.55 0.00	6.01 0.45 0.00	14.39 0.56 -6.92	16.95 0.04 -16.16	21.17 0.26 -17.07	37.47 0.27 -33.54	28.58 0.51 -20.30	56.92 -0.49 -65.72	22.21 0.33 -17.16	18.85 0.33 -13.95
WATKINRD_115KV_LN8_ILLION 55919	18.39 -0.09 0.00	17.57 -0.08 0.00	17.51 -0.11 0.00	17.38 -0.11 0.00	17.42 -0.09 0.00	18.55 -0.14 0.00	17.89 -0.13 -0.01	18.42 -0.14 -0.04	16.94 -0.15 -0.01	15.58 -0.17 0.00	8.15 -0.11 0.00	8.38 -0.11 0.00	11.50 -0.11 0.00	9.59 -0.11 0.00	6.73 -0.08 0.00	5.49 -0.06 0.00	6.96 -0.06 -0.11	0.99 -0.01 -0.25	4.08 -0.02 -0.26	4.16 -0.02 -0.52	8.05 -0.04 -0.30	-7.30 0.03 -0.98	4.95 -0.03 -0.25	4.72 -0.03 -0.18
WATSON____69_KV_BK 1 55734	20.32 1.83 0.00	22.92 1.83 -3.43	21.14 1.80 -1.72	59.59 1.81 -40.30	71.34 1.78 -52.06	22.45 1.99 -1.77	20.89 1.97 -0.92	21.40 2.08 -0.79	19.29 1.86 -0.35	17.51 1.76 0.00	27.70 0.88 -18.56	31.19 0.90 -21.79	12.79 1.17 0.00	10.67 0.97 0.00	7.71 0.75 -0.15	27.77 0.61 -21.60	17.30 0.77 -9.62	71.47 0.07 -70.66	39.86 0.40 -35.61	41.56 0.39 -37.51	34.05 0.80 -25.47	69.38 -0.80 -78.48	22.44 0.51 -17.21	37.07 0.48 -32.01
WDELAWARE__HYD 323627	20.12 1.63 0.00	19.21 1.56 0.00	19.24 1.61 0.00	19.10 1.62 0.00	19.06 1.56 0.00	20.29 1.60 0.00	20.28 1.48 -0.80	20.68 1.57 -0.57	18.81 1.43 -0.30	17.04 1.29 0.00	8.96 0.70 0.00	9.16 0.67 0.00	12.55 0.94 0.00	10.42 0.72 0.00	7.33 0.52 0.00	5.99 0.43 0.00	13.48 0.55 -6.02	14.72 0.05 -13.92	18.78 0.31 -14.63	32.87 0.31 -28.90	25.82 0.65 -17.39	47.35 -0.64 -56.30	19.82 0.38 -14.71	17.01 0.38 -12.05
WEST BABYLON__IC 23714	20.27 1.78 0.00	22.80 1.76 -3.39	21.06 1.74 -1.70	59.10 1.75 -39.86	71.53 1.71 -52.31	22.34 1.90 -1.75	20.80 1.88 -0.92	21.31 2.00 -0.79	19.22 1.79 -0.35	17.44 1.69 0.00	27.67 0.85 -18.56	31.16 0.87 -21.79	12.75 1.14 0.00	10.64 0.94 0.00	7.69 0.73 -0.15	27.75 0.59 -21.60	17.28 0.75 -9.62	71.47 0.07 -70.66	39.84 0.38 -35.61	41.55 0.37 -37.51	34.02 0.76 -25.47	69.40 -0.77 -78.48	22.42 0.48 -17.21	37.05 0.46 -32.01
WEST CANADA__HYD 24049	18.50 0.02 0.00	17.67 0.02 0.00	17.63 0.01 0.00	17.49 0.01 0.00	17.51 0.00 0.00	18.65 -0.04 0.00	17.97 -0.04 0.00	18.50 -0.02 0.00	17.05 -0.03 0.00	15.72 -0.03 0.00	8.24 -0.03 0.00	8.47 -0.03 0.00	11.59 -0.03 0.00	9.68 -0.02 0.00	6.80 -0.01 0.00	5.55 -0.01 0.00	6.90 -0.01 0.00	0.75 0.00 0.00	3.84 0.00 0.00	3.66 0.00 0.00	7.78 -0.01 0.00	-8.30 0.01 0.00	4.72 -0.01 0.00	4.56 -0.01 0.00
WESTERN_NY_WIND 24143	18.34 -0.14 0.00	17.50 -0.15 0.00	17.54 -0.08 0.00	17.32 -0.16 0.00	17.29 -0.21 0.00	18.27 -0.42 0.00	17.62 -0.52 -0.14	16.33 -0.61 1.59	16.55 -0.58 -0.05	15.25 -0.50 0.00	8.06 -0.20 0.00	8.27 -0.22 0.00	11.30 -0.32 0.00	9.47 -0.22 0.00	6.60 -0.21 0.00	5.40 -0.16 0.00	7.73 -0.23 -1.05	3.13 0.00 -2.38	6.26 -0.08 -2.49	8.50 -0.08 -4.92	10.61 -0.13 -2.96	1.33 0.05 -9.58	7.12 -0.11 -2.50	6.55 -0.08 -2.05



WESTOVER___LESR 323668	18.85 0.36 0.00	18.01 0.36 0.00	18.02 0.40 0.00	17.88 0.39 0.00	17.87 0.36 0.00	18.91 0.22 0.00	18.52 0.22 -0.29	19.74 0.26 -0.95	17.41 0.22 -0.11	15.95 0.21 0.00	8.39 0.13 0.00	8.62 0.13 0.00	11.80 0.19 0.00	9.88 0.18 0.00	6.91 0.09 0.00	5.64 0.09 0.00	9.21 0.08 -2.22	5.81 0.01 -5.06	9.16 0.05 -5.27	14.58 0.05 -10.87	14.13 0.11 -6.24	11.78 -0.13 -20.21	10.09 0.07 -5.29	8.99 0.06 -4.36
WETHRSFD_WT_PWR 323626	18.29 -0.19 0.00	17.48 -0.17 0.00	17.54 -0.09 0.00	17.33 -0.15 0.00	17.27 -0.23 0.00	18.25 -0.44 0.00	17.68 -0.50 -0.18	20.09 -0.55 -2.11	16.70 -0.45 -0.07	15.43 -0.32 0.00	8.18 -0.08 0.00	8.40 -0.09 0.00	11.50 -0.11 0.00	9.64 -0.05 0.00	6.71 -0.10 0.00	5.49 -0.07 0.00	8.14 -0.13 -1.35	3.82 -0.01 -3.08	6.99 -0.08 -3.22	9.93 -0.09 -6.36	11.44 -0.17 -3.83	4.20 0.12 -12.39	7.85 -0.12 -3.24	7.13 -0.09 -2.65
WHAVSTOR_138KV_BK127 55557	19.58 1.10 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.55 1.07 0.00	18.55 1.05 0.00	19.75 1.06 0.00	19.94 1.06 -0.87	20.46 1.18 -0.75	18.52 1.11 -0.33	16.78 1.03 0.00	8.78 0.52 0.00	9.03 0.53 0.00	12.39 0.77 0.00	10.30 0.60 0.00	7.26 0.44 0.00	5.93 0.37 0.00	13.95 0.46 -6.58	16.15 0.04 -15.37	20.28 0.22 -16.22	35.85 0.22 -31.96	27.50 0.44 -19.28	53.68 -0.43 -62.42	21.30 0.27 -16.30	18.17 0.27 -13.33
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.58 1.10 0.00	18.71 1.06 0.00	18.69 1.07 0.00	18.55 1.07 0.00	18.55 1.05 0.00	19.75 1.06 0.00	19.94 1.06 -0.87	20.46 1.18 -0.75	18.52 1.11 -0.33	16.78 1.03 0.00	8.78 0.52 0.00	9.03 0.53 0.00	12.39 0.77 0.00	10.30 0.60 0.00	7.26 0.44 0.00	5.93 0.37 0.00	13.95 0.46 -6.58	16.15 0.04 -15.37	20.28 0.22 -16.22	35.85 0.22 -31.96	27.50 0.44 -19.28	53.68 -0.43 -62.42	21.30 0.27 -16.30	18.17 0.27 -13.33
WHITEHAL_115KV_TB1 80871	19.64 1.15 0.00	18.73 1.08 0.00	18.52 0.90 0.00	18.43 0.94 0.00	18.55 1.05 0.00	19.83 1.14 0.00	20.49 1.15 -1.34	20.64 1.04 -1.07	18.42 0.83 -0.51	16.37 0.62 0.00	8.49 0.23 0.00	8.83 0.33 0.00	12.19 0.58 0.00	10.23 0.53 0.00	7.18 0.37 0.00	5.86 0.30 0.00	17.45 0.46 -10.08	23.31 0.06 -22.50	27.53 0.32 -23.36	50.28 0.27 -46.34	36.13 0.59 -27.75	80.94 -0.62 -89.87	28.52 0.31 -23.49	24.19 0.27 -19.35
WHITEPLN_13_KV_LOAD 356215	19.76 1.28 0.00	18.89 1.24 0.00	18.86 1.24 0.00	18.74 1.25 0.00	18.72 1.22 0.00	19.89 1.20 0.00	20.09 1.18 -0.91	20.62 1.31 -0.78	18.67 1.25 -0.35	16.92 1.17 0.00	8.87 0.61 0.00	9.11 0.61 0.00	12.51 0.90 0.00	10.38 0.68 0.00	7.31 0.50 0.00	5.97 0.41 0.00	14.30 0.51 -6.87	16.84 0.04 -16.06	21.05 0.25 -16.95	37.29 0.25 -33.37	28.43 0.50 -20.15	56.46 -0.48 -65.25	22.07 0.31 -17.04	18.77 0.31 -13.88
WM_FLOYD_69_KV_BK2 356380	20.21 1.72 0.00	22.90 1.80 -3.45	21.14 1.79 -1.73	59.76 1.78 -40.50	71.23 1.76 -51.97	22.44 1.97 -1.78	20.88 1.96 -0.92	21.37 2.05 -0.79	19.25 1.82 -0.35	17.48 1.73 0.00	27.68 0.86 -18.56	31.16 0.88 -21.79	12.75 1.14 0.00	10.62 0.93 0.00	7.68 0.72 -0.15	27.73 0.57 -21.60	17.26 0.73 -9.62	71.47 0.07 -70.66	39.84 0.38 -35.61	41.54 0.37 -37.51	34.00 0.75 -25.47	69.42 -0.76 -78.48	22.41 0.48 -17.21	37.06 0.48 -32.01
WOODARD__115KV_TB2 355635	18.33 -0.15 0.00	17.50 -0.15 0.00	17.48 -0.14 0.00	17.34 -0.15 0.00	17.34 -0.17 0.00	18.29 -0.41 0.00	17.69 -0.41 -0.10	18.58 -0.42 -0.48	16.70 -0.42 -0.04	15.37 -0.37 0.00	8.08 -0.18 0.00	8.30 -0.19 0.00	11.37 -0.25 0.00	9.50 -0.20 0.00	6.66 -0.16 0.00	5.44 -0.12 0.00	7.48 -0.16 -0.73	2.39 -0.01 -1.65	5.51 -0.07 -1.73	6.89 -0.07 -3.30	9.72 -0.14 -2.07	-1.47 0.14 -6.69	6.38 -0.09 -1.75	5.89 -0.09 -1.41
YORK___WARBASSE 23770	19.80 1.32 0.00	18.90 1.25 0.00	18.86 1.23 0.00	18.74 1.25 0.00	18.73 1.23 0.00	19.99 1.30 0.00	20.21 1.29 -0.92	20.78 1.47 -0.78	18.84 1.41 -0.35	17.07 1.32 0.00	8.94 0.68 0.00	9.19 0.69 0.00	12.60 0.99 0.00	10.47 0.77 0.00	7.38 0.56 0.00	6.02 0.47 0.00	14.41 0.58 -6.92	16.96 0.05 -16.16	21.19 0.28 -17.07	37.48 0.28 -33.54	28.61 0.54 -20.30	56.90 -0.51 -65.72	22.23 0.35 -17.16	18.87 0.34 -13.95