

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/09/2023

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	8.96	11.12	7.78	9.57	7.46	12.40	14.70	45.08	15.70	14.60	15.49	14.34	15.90	18.61	18.82	23.08	23.66	28.96	139.08	38.01	32.69	25.01	22.66	21.50
24138	0.31	0.41	0.27	0.59	0.48	0.83	1.00	0.45	1.12	1.05	1.04	0.96	1.05	1.39	1.45	1.78	1.80	2.10	9.65	2.54	1.67	1.27	1.63	1.24
	-4.98	-5.44	-3.98	-1.41	-0.66	-0.95	0.00	-39.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-1.54	0.00	-3.37	-10.25	-8.45	0.00	0.00
74TH STREET_GT_1	8.95	11.11	7.77	9.55	7.44	12.37	14.66	45.05	15.65	14.55	15.44	14.31	15.87	18.56	18.77	23.02	23.61	28.90	138.78	37.94	32.66	24.97	22.60	21.45
24260	0.30	0.39	0.26	0.57	0.46	0.79	0.96	0.43	1.07	1.00	1.00	0.92	1.02	1.33	1.39	1.72	1.74	2.03	9.36	2.47	1.63	1.23	1.57	1.19
	-4.98	-5.44	-3.98	-1.41	-0.66	-0.95	0.00	-39.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-1.54	0.00	-3.37	-10.25	-8.45	0.00	0.00
74TH STREET_GT_2	8.95	11.11	7.77	9.55	7.44	12.37	14.66	45.05	15.65	14.55	15.44	14.31	15.87	18.56	18.77	23.02	23.61	28.90	138.78	37.94	32.66	24.97	22.60	21.45
24261	0.30	0.39	0.26	0.57	0.46	0.79	0.96	0.43	1.07	1.00	1.00	0.92	1.02	1.33	1.39	1.72	1.74	2.03	9.36	2.47	1.63	1.23	1.57	1.19
	-4.98	-5.44	-3.98	-1.41	-0.66	-0.95	0.00	-39.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-1.54	0.00	-3.37	-10.25	-8.45	0.00	0.00
ADK HUDSON___FALLS	8.02	12.72	8.95	9.81	7.53	12.50	14.47	19.76	15.51	14.33	15.14	14.04	15.60	18.16	18.38	22.88	23.40	29.13	139.04	38.95	35.68	27.34	22.15	21.09
24011	0.19	0.27	0.17	0.38	0.34	0.62	0.77	0.34	0.93	0.78	0.69	0.65	0.75	0.93	1.01	1.57	1.54	1.80	9.61	2.46	1.54	1.03	1.12	0.82
	-4.15	-7.18	-5.25	-1.86	-0.88	-1.26	0.00	-14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-2.01	0.00	-4.39	-13.36	-11.01	0.00	0.00
ADK RESOURCE___RCVRY	8.03	12.74	8.97	9.84	7.57	12.58	14.56	19.78	15.62	14.40	15.19	14.10	15.70	18.27	18.50	23.08	23.58	29.34	140.22	39.25	35.86	27.46	22.26	21.15
23798	0.21	0.29	0.19	0.41	0.38	0.70	0.87	0.38	1.04	0.85	0.74	0.72	0.86	1.05	1.13	1.77	1.72	2.01	10.80	2.75	1.72	1.15	1.23	0.88
	-4.15	-7.18	-5.25	-1.86	-0.88	-1.26	0.00	-14.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-2.01	0.00	-4.40	-13.37	-11.02	0.00	0.00
ADK S GLENS___FALLS	8.02	12.72	8.95	9.81	7.53	12.50	14.47	19.76	15.51	14.33	15.14	14.04	15.60	18.16	18.38	22.88	23.40	29.13	139.04	38.95	35.68	27.34	22.15	21.09
24028	0.19	0.27	0.17	0.38	0.34	0.62	0.77	0.34	0.93	0.78	0.69	0.65	0.75	0.93	1.01	1.57	1.54	1.80	9.61	2.46	1.54	1.03	1.12	0.82
	-4.15	-7.18	-5.25	-1.86	-0.88	-1.26	0.00	-14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-2.01	0.00	-4.39	-13.36	-11.01	0.00	0.00
ADK_NYS___DAM	7.99	12.48	8.78	9.68	7.41	12.25	14.15	22.03	15.16	13.94	14.72	13.64	15.13	17.62	17.90	22.16	22.73	28.20	134.39	37.62	34.54	26.57	21.83	20.74
23527	0.15	0.23	0.16	0.30	0.24	0.41	0.46	0.22	0.58	0.39	0.27	0.25	0.28	0.39	0.52	0.84	0.87	0.94	4.96	1.29	0.91	0.68	0.79	0.48
	-4.16	-6.97	-5.09	-1.81	-0.85	-1.22	0.00	-16.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-1.93	0.00	-4.23	-12.85	-10.59	0.00	0.00
AIR_PRODUCTS___DRP	7.82	12.36	8.70	9.50	7.27	11.99	13.79	20.04	14.74	13.65	14.47	13.41	14.84	17.31	17.55	21.60	22.20	27.71	131.48	36.90	34.14	26.25	21.20	20.23
24190	0.06	0.08	0.05	0.12	0.10	0.14	0.09	0.09	0.16	0.10	0.03	0.02	0.00	0.09	0.17	0.28	0.33	0.43	2.05	0.52	0.35	0.23	0.17	-0.04
	-4.09	-7.00	-5.12	-1.82	-0.85	-1.23	0.00	-14.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-1.96	0.00	-4.28	-13.02	-10.73	0.00	0.00
AKWESSNE_115KV_BK	3.64	5.21	3.50	7.53	6.28	10.59	13.71	5.20	14.51	13.50	14.43	13.38	14.81	17.16	17.30	21.15	21.77	25.09	128.73	31.92	20.66	15.21	20.98	20.31
355683	-0.04	-0.06	-0.03	-0.04	-0.03	-0.04	0.01	-0.02	-0.06	-0.05	-0.01	0.00	-0.04	-0.06	-0.08	-0.13	-0.09	-0.23	-0.70	-0.18	-0.12	-0.09	-0.05	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	7.82	12.36	8.70	9.50	7.27	11.99	13.79	20.04	14.74	13.65	14.47	13.41	14.84	17.31	17.55	21.60	22.20	27.71	131.48	36.90	34.14	26.25	21.20	20.23
23571	0.06	0.08	0.05	0.12	0.10	0.14	0.09	0.09	0.16	0.10	0.03	0.02	0.00	0.09	0.17	0.28	0.33	0.43	2.05	0.52	0.35	0.23	0.17	-0.04
	-4.09	-7.00	-5.12	-1.82	-0.85	-1.23	0.00	-14.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-1.96	0.00	-4.28	-13.02	-10.73	0.00	0.00
ALBANY___2	7.82	12.36	8.70	9.50	7.27	11.99	13.79	20.04	14.74	13.65	14.47	13.41	14.84	17.31	17.55	21.60	22.20	27.71	131.48	36.90	34.14	26.25	21.20	20.23
23572	0.06	0.08	0.05	0.12	0.10	0.14	0.09	0.09	0.16	0.10	0.03	0.02	0.00	0.09	0.17	0.28	0.33	0.43	2.05	0.52	0.35	0.23	0.17	-0.04
	-4.09	-7.00	-5.12	-1.82	-0.85	-1.23	0.00	-14.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-1.96	0.00	-4.28	-13.02	-10.73	0.00	0.00
ALBANY___3	7.82	12.36	8.70	9.50	7.27	11.99	13.79	20.04	14.74	13.65	14.47	13.41	14.84	17.31	17.55	21.60	22.20	27.71	131.48	36.90	34.14	26.25	21.20	20.23
23573	0.06	0.08	0.05	0.12	0.10	0.14	0.09	0.09	0.16	0.10	0.03	0.02	0.00	0.09	0.17	0.28	0.33	0.43	2.05	0.52	0.35	0.23	0.17	-0.04
	-4.09	-7.00	-5.12	-1.82	-0.85	-1.23	0.00	-14.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-1.96	0.00	-4.28	-13.02	-10.73	0.00	0.00

ALBANY___4 23574	7.82 0.06 -4.09	12.36 0.08 -7.00	8.70 0.05 -5.12	9.50 0.12 -1.82	7.27 0.10 -0.85	11.99 0.14 -1.23	13.79 0.09 0.00	20.04 0.09 -14.74	14.74 0.16 0.00	13.65 0.10 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.84 0.00 0.00	17.31 0.09 0.00	17.55 0.17 0.00	21.60 0.28 -0.03	22.20 0.33 0.00	27.71 0.43 -1.96	131.48 2.05 0.00	36.90 0.52 -4.28	34.14 0.35 -13.02	26.25 0.23 -10.73	21.20 0.17 0.00	20.23 -0.04 0.00
ALBANY___LFGE 323615	7.87 0.09 -4.11	12.45 0.13 -7.05	8.76 0.08 -5.15	9.57 0.18 -1.83	7.32 0.15 -0.86	12.09 0.23 -1.23	13.91 0.22 0.00	20.06 0.14 -14.71	14.87 0.30 0.00	13.77 0.22 0.00	14.59 0.14 0.00	13.53 0.14 0.00	14.99 0.15 0.00	17.48 0.26 0.00	17.72 0.34 0.00	21.83 0.51 -0.03	22.42 0.55 0.00	27.99 0.70 -1.97	132.87 3.45 0.00	37.27 0.87 -4.31	34.44 0.56 -13.10	26.47 0.38 -10.80	21.40 0.37 0.00	20.42 0.16 0.00
ALCOA_PA_115KV_PL-6C 55860	3.66 -0.02 0.00	5.25 -0.03 0.00	3.52 -0.01 0.00	8.39 -0.01 -0.83	6.46 0.00 -0.15	10.64 0.01 0.00	13.79 0.09 0.00	5.22 0.01 0.00	14.59 0.01 0.00	13.58 0.02 0.00	14.50 0.06 0.00	13.45 0.06 0.00	14.89 0.04 0.00	17.25 0.03 0.00	17.38 0.00 0.00	21.26 -0.02 0.00	21.89 0.02 0.00	25.24 -0.08 0.00	129.53 0.10 0.00	32.11 0.02 0.00	20.78 0.00 0.00	15.29 0.00 0.00	21.10 0.07 0.00	20.42 0.15 0.00
ALCOA_RYNLDS___DRP 24188	3.66 -0.02 0.00	5.25 -0.03 0.00	3.52 -0.01 0.00	8.39 -0.01 -0.83	6.46 0.00 -0.15	10.64 0.01 0.00	13.79 0.09 0.00	5.22 0.01 0.00	14.59 0.01 0.00	13.58 0.02 0.00	14.50 0.06 0.00	13.45 0.06 0.00	14.89 0.04 0.00	17.25 0.03 0.00	17.38 0.00 0.00	21.26 -0.02 0.00	21.89 0.02 0.00	25.24 -0.08 0.00	129.53 0.10 0.00	32.11 0.02 0.00	20.78 0.00 0.00	15.29 0.00 0.00	21.10 0.07 0.00	20.42 0.15 0.00
ALCOA___DSASP 323711	3.66 -0.02 0.00	5.25 -0.03 0.00	3.52 -0.01 0.00	8.39 -0.01 -0.83	6.46 0.00 -0.15	10.64 0.01 0.00	13.79 0.09 0.00	5.22 0.01 0.00	14.59 0.01 0.00	13.58 0.02 0.00	14.50 0.06 0.00	13.45 0.07 0.00	14.89 0.04 0.00	17.25 0.03 0.00	17.38 0.00 0.00	21.26 -0.02 0.00	21.88 0.02 0.00	25.24 -0.08 0.00	129.53 0.10 0.00	32.11 0.02 0.00	20.78 0.00 0.00	15.29 0.00 0.00	21.10 0.07 0.00	20.42 0.15 0.00
ALLEGHENY___COGEN 23514	4.05 -0.03 -0.41	10.54 -0.02 -5.29	4.15 -0.05 -0.67	20.53 -0.06 -13.02	15.33 -0.04 -9.05	13.43 -0.14 -2.94	13.62 -0.08 -0.01	21.51 -0.09 -16.38	24.31 0.04 -9.69	13.38 -0.17 0.00	14.39 -0.06 0.00	13.26 -0.13 0.00	14.67 -0.18 0.00	16.77 -0.45 0.00	16.80 -0.69 -0.11	44.58 -0.84 -24.14	123.31 -0.83 -102.28	49.14 -0.16 -23.98	130.96 1.54 0.00	32.47 0.22 -0.15	21.74 0.06 -0.89	16.12 0.01 -0.81	21.16 0.13 0.00	20.54 0.27 0.00
ALTAMONT_115KV_TB 2 55880	7.85 0.11 -4.07	12.44 0.15 -7.01	8.76 0.10 -5.13	9.60 0.21 -1.82	7.35 0.18 -0.86	12.14 0.28 -1.23	14.01 0.31 0.00	19.79 0.16 -14.41	14.96 0.38 0.00	13.87 0.32 0.00	14.72 0.27 0.00	13.63 0.24 0.00	15.11 0.26 0.00	17.60 0.38 0.00	17.82 0.45 0.00	21.93 0.62 -0.03	22.52 0.66 0.00	28.11 0.83 -1.96	133.41 3.98 0.00	37.40 1.02 -4.29	34.48 0.67 -13.03	26.51 0.48 -10.74	21.56 0.53 0.00	20.59 0.33 0.00
ALTONA_WT_PWR 323606	3.53 -0.14 0.00	5.05 -0.22 0.00	3.39 -0.14 0.00	-14.82 -0.30 22.09	2.10 -0.19 4.03	10.48 -0.14 0.00	13.57 -0.13 0.00	5.10 -0.11 0.00	14.43 -0.14 0.00	13.28 -0.27 0.00	14.20 -0.25 0.00	13.20 -0.19 0.00	14.54 -0.31 0.00	16.98 -0.24 0.00	17.09 -0.29 0.00	21.09 -0.19 0.00	21.78 -0.08 0.00	25.25 -0.07 0.00	132.38 2.95 0.00	33.07 0.97 0.00	21.27 0.49 0.00	15.52 0.22 0.00	21.17 0.14 0.00	20.42 0.15 0.00
AMERICAN_REF_FUEL 24010	3.73 -0.32 -0.37	4.43 -0.40 0.45	3.82 -0.32 -0.61	3.46 -0.59 3.53	3.30 -0.49 2.52	8.94 -1.02 0.67	12.52 -1.18 0.00	-0.09 -0.51 4.80	10.64 -1.10 2.84	12.55 -1.00 0.00	13.62 -0.82 0.00	12.62 -0.76 0.00	14.12 -0.73 0.00	16.00 -1.23 0.00	15.65 -1.69 0.03	12.57 -2.22 6.49	46.38 -2.55 -27.07	16.04 -2.52 6.77	117.37 -12.06 0.00	28.83 -3.41 -0.13	18.84 -2.21 -0.28	13.99 -1.52 -0.21	19.43 -1.61 0.00	18.99 -1.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	3.89 -0.20 -0.42	4.75 -0.23 0.29	4.00 -0.21 -0.68	3.82 -0.41 3.35	3.60 -0.32 2.40	9.28 -0.73 0.62	12.88 -0.81 0.00	0.18 -0.43 4.60	11.17 -0.67 2.74	13.05 -0.51 0.00	14.10 -0.35 0.00	13.02 -0.37 0.00	14.55 -0.30 0.00	16.67 -0.55 0.00	16.46 -0.88 0.03	13.96 -1.14 6.19	52.43 -1.26 -31.82	17.83 -1.03 6.46	123.65 -5.78 0.00	30.62 -1.63 -0.15	19.93 -1.18 -0.33	14.65 -0.89 -0.25	20.12 -0.91 0.00	19.64 -0.63 0.00
ARTHUR_KILL_GT_1 23520	8.91 0.26 -4.97	11.06 0.34 -5.44	7.74 0.23 -3.98	9.49 0.51 -1.41	7.38 0.41 -0.66	12.29 0.71 -0.95	14.54 0.84 0.00	15.34 0.37 -9.76	15.48 0.92 0.01	14.40 0.87 0.01	15.31 0.88 0.01	14.18 0.80 0.00	15.70 0.85 0.00	18.36 1.13 0.00	18.55 1.18 0.00	22.80 1.49 -0.02	23.39 1.53 0.00	27.39 1.75 -0.32	130.39 8.01 7.04	36.10 2.21 -1.79	29.04 1.48 -6.78	24.84 1.10 -8.45	22.43 1.40 0.00	21.31 1.05 0.00
ARTHUR_KILL_2 23512	8.90 0.25 -4.97	11.04 0.33 -5.44	7.73 0.22 -3.98	9.47 0.49 -1.41	7.37 0.39 -0.66	12.26 0.68 -0.95	14.50 0.80 0.00	15.32 0.35 -9.76	15.45 0.89 0.01	14.37 0.83 0.01	15.27 0.84 0.01	14.14 0.76 0.00	15.67 0.82 0.00	18.32 1.10 0.00	18.52 1.14 0.00	22.74 1.44 -0.02	23.34 1.48 0.00	27.32 1.68 -0.32	130.01 7.63 7.04	36.00 2.11 -1.79	28.98 1.42 -6.78	24.81 1.06 -8.45	22.38 1.35 0.00	21.26 1.00 0.00
ARTHUR_KILL_3 23513	8.92 0.27 -4.98	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.41 -0.66	12.29 0.72 -0.95	14.53 0.84 0.00	15.37 0.39 -9.77	15.49 0.92 0.01	14.40 0.85 0.00	15.26 0.82 0.01	14.15 0.77 0.01	15.72 0.86 0.00	18.39 1.17 0.00	18.60 1.22 0.00	22.81 1.51 -0.02	23.37 1.51 0.00	28.33 1.77 -1.23	135.52 7.90 1.80	37.20 2.13 -2.97	31.57 1.43 -9.36	24.83 1.09 -8.45	22.42 1.39 0.00	21.29 1.03 0.00
ARTHUR_KILL_COGEN 323718	8.91 0.26 -4.97	11.06 0.34 -5.44	7.74 0.23 -3.98	9.49 0.51 -1.41	7.38 0.41 -0.66	12.29 0.71 -0.95	14.54 0.84 0.00	15.34 0.37 -9.76	15.48 0.92 0.01	14.40 0.87 0.01	15.31 0.88 0.01	14.18 0.80 0.00	15.70 0.85 0.00	18.36 1.13 0.00	18.55 1.18 0.00	22.80 1.49 -0.02	23.39 1.53 0.00	27.39 1.75 -0.32	130.39 8.01 7.04	36.10 2.21 -1.79	29.04 1.48 -6.78	24.84 1.10 -8.45	22.43 1.40 0.00	21.31 1.05 0.00
ASHOKAN____ 23654	7.20 0.15 -3.38	11.72 0.22 -6.22	8.22 0.14 -4.55	9.49 0.31 -1.62	7.34 0.27 -0.76	12.15 0.43 -1.09	14.23 0.54 0.00	14.65 0.22 -9.22	15.28 0.70 0.00	14.12 0.57 0.00	14.95 0.51 0.00	13.82 0.43 0.00	15.16 0.31 0.00	17.76 0.53 0.00	18.01 0.63 0.00	22.17 0.86 -0.03	22.90 1.04 0.00	28.50 1.42 -1.75	136.75 7.33 0.00	37.81 1.88 -3.83	33.62 1.20 -11.64	25.71 0.82 -9.59	21.97 0.94 0.00	20.90 0.64 0.00

ASTORIA_EAST_ENERGY_CC1 323581	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.55 0.85 0.00	45.04 0.41 -39.41	15.52 0.94 -0.01	14.41 0.86 0.00	15.29 0.85 0.01	14.19 0.81 0.00	15.73 0.88 0.00	18.38 1.15 0.00	18.60 1.22 0.00	22.81 1.50 -0.02	23.39 1.52 0.00	28.60 1.74 -1.54	137.21 7.78 0.00	37.58 2.12 -3.37	32.45 1.42 -10.25	24.83 1.09 -8.45	22.41 1.38 0.00	21.28 1.01 0.00
ASTORIA_EAST_ENERGY_CC2 323582	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.55 0.85 0.00	45.04 0.41 -39.41	15.52 0.94 -0.01	14.41 0.86 0.00	15.29 0.85 0.01	14.19 0.81 0.00	15.73 0.88 0.00	18.38 1.15 0.00	18.60 1.22 0.00	22.81 1.50 -0.02	23.39 1.52 0.00	28.60 1.74 -1.54	137.21 7.78 0.00	37.58 2.12 -3.37	32.45 1.42 -10.25	24.83 1.09 -8.45	22.41 1.38 0.00	21.28 1.01 0.00
ASTORIA_GT2_1 24094	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT2_2 24095	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT2_3 24096	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT2_4 24097	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT3_1 24098	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT3_2 24099	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT3_3 24100	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT3_4 24101	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT4_1 24102	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT4_2 24103	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT4_3 24104	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT4_4 24105	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.42 0.87 0.00	15.26 0.81 0.00	14.17 0.79 0.00	15.73 0.88 0.00	18.39 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.41 1.54 0.00	28.62 1.76 -1.54	137.30 7.87 0.00	37.60 2.14 -3.37	32.46 1.44 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.28 1.02 0.00
ASTORIA_GT_1 23523	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.33 0.75 -0.95	14.58 0.88 0.00	45.05 0.43 -39.41	15.56 0.97 -0.01	14.44 0.90 0.00	15.32 0.89 0.01	14.22 0.84 0.00	15.76 0.91 0.00	18.42 1.20 0.00	18.64 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.67 1.81 -1.54	137.56 8.14 0.00	37.67 2.20 -3.37	32.50 1.48 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00

ASTORIA_GT_10 24110	8.94 0.29 -4.98	11.10 0.39 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.63 0.00	28.74 1.88 -1.54	137.96 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.35 1.09 0.00
ASTORIA_GT_11 24225	8.94 0.29 -4.98	11.10 0.39 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.63 0.00	28.74 1.88 -1.54	137.96 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.35 1.09 0.00
ASTORIA_GT_12 24226	8.94 0.29 -4.98	11.10 0.39 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.63 0.00	28.74 1.88 -1.54	137.96 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.35 1.09 0.00
ASTORIA_GT_13 24227	8.94 0.29 -4.98	11.10 0.39 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.63 0.00	28.74 1.88 -1.54	137.96 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.35 1.09 0.00
ASTORIA_GT_5 24106	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.33 0.75 -0.95	14.58 0.88 0.00	45.05 0.43 -39.41	15.56 0.97 -0.01	14.44 0.90 0.00	15.32 0.89 0.01	14.22 0.84 0.00	15.76 0.91 0.00	18.42 1.20 0.00	18.64 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.67 1.81 -1.54	137.56 8.14 0.00	37.67 2.20 -3.37	32.50 1.48 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
ASTORIA_GT_7 24107	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.33 0.75 -0.95	14.58 0.88 0.00	45.05 0.43 -39.41	15.56 0.97 -0.01	14.44 0.90 0.00	15.32 0.89 0.01	14.22 0.84 0.00	15.76 0.91 0.00	18.42 1.20 0.00	18.64 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.67 1.81 -1.54	137.56 8.14 0.00	37.67 2.20 -3.37	32.50 1.48 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
ASTORIA_GT_8 24108	8.93 0.28 -4.98	11.09 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.33 0.75 -0.95	14.58 0.88 0.00	45.03 0.41 -39.41	15.55 0.98 0.00	14.45 0.90 0.00	15.29 0.84 0.00	14.20 0.82 0.00	15.76 0.91 0.00	18.42 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.67 1.81 -1.54	137.56 8.13 0.00	37.67 2.20 -3.37	32.50 1.48 -10.25	24.87 1.13 -8.45	22.46 1.43 0.00	21.32 1.05 0.00
ASTORIA___2 24149	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.04 0.42 -39.41	15.53 0.95 -0.01	14.41 0.87 0.00	15.29 0.86 0.01	14.19 0.81 0.00	15.73 0.88 0.00	18.38 1.16 0.00	18.61 1.23 0.00	22.82 1.51 -0.02	23.40 1.54 0.00	28.62 1.76 -1.54	137.29 7.87 0.00	37.61 2.14 -3.37	32.46 1.43 -10.25	24.84 1.09 -8.45	22.42 1.39 0.00	21.29 1.02 0.00
ASTORIA___3 23516	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 -0.01	14.47 0.92 0.00	15.35 0.90 0.00	14.23 0.84 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.49 1.62 0.00	28.74 1.88 -1.54	137.97 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.36 1.09 0.00
ASTORIA___4 23517	8.94 0.29 -4.98	11.10 0.39 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.63 0.00	28.74 1.88 -1.54	137.96 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.35 1.09 0.00
ASTORIA___5 23518	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	51.78 0.42 -46.15	15.60 1.02 -0.01	14.47 0.92 0.00	15.35 0.90 0.00	14.23 0.84 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.49 1.62 0.00	28.74 1.88 -1.54	137.97 8.54 0.00	37.75 2.28 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.36 1.09 0.00
AST_ENERGY_2_CC3 323677	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.34 0.90 0.00	14.21 0.83 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.63 1.26 0.00	22.85 1.54 -0.02	23.42 1.56 0.00	28.68 1.82 -1.54	137.65 8.23 0.00	37.68 2.21 -3.37	32.49 1.47 -10.25	24.85 1.11 -8.45	22.45 1.42 0.00	21.31 1.05 0.00
AST_ENERGY_2_CC4 323678	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.34 0.90 0.00	14.21 0.83 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.63 1.26 0.00	22.85 1.54 -0.02	23.42 1.56 0.00	28.68 1.82 -1.54	137.65 8.23 0.00	37.68 2.21 -3.37	32.49 1.47 -10.25	24.85 1.11 -8.45	22.45 1.42 0.00	21.31 1.05 0.00
ATHENS_STG_1 23668	7.79 0.15 -3.97	11.80 0.20 -6.32	8.29 0.14 -4.62	9.50 0.29 -1.64	7.33 0.24 -0.77	12.12 0.39 -1.11	14.14 0.44 0.00	23.15 0.21 -17.73	15.10 0.52 0.00	14.02 0.47 0.00	14.88 0.43 0.00	13.78 0.39 0.00	15.28 0.43 0.00	17.82 0.59 0.00	18.03 0.66 0.00	22.16 0.85 -0.03	22.74 0.88 0.00	28.17 1.07 -1.78	134.44 5.02 0.00	37.29 1.30 -3.89	33.47 0.87 -11.82	25.68 0.64 -9.74	21.79 0.76 0.00	20.79 0.52 0.00
ATHENS_STG_2 23670	7.79 0.15 -3.97	11.80 0.20 -6.32	8.29 0.14 -4.62	9.50 0.29 -1.64	7.33 0.24 -0.77	12.12 0.39 -1.11	14.14 0.44 0.00	23.15 0.21 -17.73	15.10 0.52 0.00	14.02 0.47 0.00	14.88 0.43 0.00	13.78 0.39 0.00	15.28 0.43 0.00	17.82 0.59 0.00	18.03 0.66 0.00	22.16 0.85 -0.03	22.74 0.88 0.00	28.17 1.07 -1.78	134.44 5.02 0.00	37.29 1.30 -3.89	33.47 0.87 -11.82	25.68 0.64 -9.74	21.79 0.76 0.00	20.79 0.52 0.00

ATHENS_STG_3 23677	7.79 0.15 -3.97	11.80 0.20 -6.32	8.29 0.14 -4.62	9.50 0.29 -1.64	7.33 0.24 -0.77	12.12 0.39 -1.11	14.14 0.44 0.00	23.15 0.21 -17.73	15.10 0.52 0.00	14.02 0.47 0.00	14.88 0.43 0.00	13.78 0.39 0.00	15.28 0.43 0.00	17.82 0.59 0.00	18.03 0.66 0.00	22.16 0.85 -0.03	22.74 0.88 0.00	28.17 1.07 -1.78	134.44 5.02 0.00	37.29 1.30 -3.89	33.47 0.87 -11.82	25.68 0.64 -9.74	21.79 0.76 0.00	20.79 0.52 0.00
AUBURN____LFGE 323710	3.99 0.01 -0.31	6.17 0.04 -0.86	4.04 0.01 -0.50	8.25 0.00 -0.69	6.78 0.03 -0.44	10.91 0.05 -0.23	13.80 0.10 0.00	5.87 0.01 -0.65	15.07 0.12 -0.38	13.60 0.05 0.00	14.55 0.10 0.00	13.44 0.06 0.00	14.97 0.12 0.00	17.30 0.07 0.00	17.38 0.00 0.00	22.91 -0.04 -1.66	104.22 -0.17 -82.53	26.54 0.09 -1.13	130.23 0.81 0.00	32.35 0.13 -0.11	21.17 0.02 -0.37	15.63 0.03 -0.31	20.97 -0.06 0.00	20.26 -0.01 0.00
BABYLON_RES_REC 323704	8.96 0.31 -4.97	11.11 0.39 -5.44	7.78 0.27 -3.98	9.58 0.60 -1.41	7.45 0.47 -0.66	12.38 0.80 -0.95	14.58 0.89 0.00	44.95 0.42 -39.32	15.51 0.93 0.00	14.41 0.86 0.00	15.30 0.86 0.00	14.21 0.82 0.00	15.73 0.88 0.00	18.25 1.03 0.00	18.59 1.21 0.00	22.84 1.54 -0.02	23.69 1.82 0.00	29.00 2.14 -1.54	139.37 9.95 0.00	37.88 2.41 -3.37	32.75 1.72 -10.26	25.12 1.37 -8.45	22.84 1.81 0.00	21.56 1.30 0.00
BABYLON__69_KV_BK2 356345	9.00 0.35 -4.97	11.16 0.45 -5.44	7.81 0.31 -3.98	9.65 0.67 -1.41	7.51 0.53 -0.66	12.49 0.91 -0.95	14.72 1.02 0.00	45.00 0.47 -39.32	15.64 1.06 0.00	14.53 0.98 0.00	15.51 1.06 0.00	14.37 0.98 0.00	15.88 1.04 0.00	18.40 1.18 0.00	18.72 1.35 0.00	23.05 1.75 -0.02	23.91 2.05 0.00	29.31 2.44 -1.54	140.90 11.47 0.00	38.17 2.70 -3.37	32.97 1.94 -10.26	25.32 1.57 -8.45	23.10 2.07 0.00	21.79 1.52 0.00
BALL_HILL_WT_PWR 323825	3.90 -0.18 -0.41	4.44 -0.20 0.64	4.01 -0.19 -0.67	2.94 -0.33 4.29	2.98 -0.28 3.06	9.19 -0.61 0.83	13.02 -0.68 0.00	-0.98 -0.38 5.81	10.57 -0.56 3.44	13.11 -0.44 0.00	14.20 -0.25 0.00	13.13 -0.26 0.00	14.67 -0.18 0.00	16.72 -0.50 0.00	16.47 -0.87 0.04	12.20 -1.16 7.93	47.19 -1.42 -26.75	15.89 -1.21 8.22	123.35 -6.08 0.00	30.47 -1.78 -0.15	19.86 -1.20 -0.29	14.68 -0.83 -0.21	20.24 -0.79 0.00	19.72 -0.54 0.00
BARON_WINDS____WT_PWR 323822	4.04 -0.16 -0.53	-1.29 -0.16 6.40	4.24 -0.16 -0.86	-14.58 -0.28 21.86	-9.28 -0.23 15.36	5.53 -0.48 4.62	13.07 -0.62 0.01	-23.51 -0.31 28.41	-2.78 -0.59 16.77	12.95 -0.60 0.00	13.97 -0.48 0.00	12.87 -0.51 0.00	14.36 -0.49 0.00	16.48 -0.74 0.00	16.22 -0.96 0.19	-20.35 -1.13 40.50	-20.48 -1.23 41.12	-16.81 -1.05 41.09	125.19 -4.24 0.00	31.07 -1.22 -0.19	19.67 -0.90 0.21	14.33 -0.66 0.30	20.27 -0.76 0.00	19.76 -0.51 0.00
BARRETT_IC_1 23704	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_10 23701	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_11 23702	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_12 23703	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_2 23705	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_3 23706	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_4 23707	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_5 23708	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_6 23709	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00

BARRETT_IC_7 23710	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.91 0.38 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.33 0.89 0.00	14.17 0.79 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.42 -0.02	23.43 1.57 0.00	28.62 1.75 -1.54	136.88 7.46 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.18 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_8 23711	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT_IC_9 23700	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT___1 23545	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BARRETT___2 23546	8.93 0.28 -4.97	11.08 0.36 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.48 0.79 0.00	44.90 0.37 -39.32	15.39 0.81 0.00	14.33 0.78 0.00	15.26 0.81 0.00	14.14 0.75 0.00	15.60 0.75 0.00	18.21 0.98 0.00	18.48 1.11 0.00	22.72 1.41 -0.02	23.42 1.56 0.00	28.62 1.75 -1.54	136.83 7.41 0.00	37.44 1.97 -3.37	32.51 1.48 -10.26	25.08 1.19 -8.60	22.63 1.55 -0.05	21.39 1.12 0.00
BATAVIA__115KV_TB1 55881	3.86 -0.15 -0.34	4.97 -0.18 0.12	3.92 -0.16 -0.55	4.93 -0.28 2.35	4.39 -0.23 1.69	9.71 -0.49 0.42	13.22 -0.47 0.00	1.70 -0.25 3.27	12.30 -0.34 1.93	13.24 -0.31 0.00	14.32 -0.13 0.00	13.23 -0.16 0.00	14.76 -0.09 0.00	16.88 -0.35 0.00	16.54 -0.81 0.02	15.83 -1.15 4.31	53.12 -1.34 -32.60	19.74 -1.02 4.56	125.27 -4.16 -0.01	30.88 -1.35 -0.13	20.15 -0.91 -0.29	14.88 -0.63 -0.22	20.48 -0.55 0.00	19.95 -0.31 0.00
BAYONEEC___CTG1 323682	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG10 323750	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG2 323683	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG3 323684	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG4 323685	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG5 323686	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG6 323687	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG7 323688	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BAYONEEC___CTG8 323689	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00

BAYONEEC___CTG9 323749	8.93 0.28 -4.98	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.75 -0.95	14.58 0.88 0.00	51.77 0.40 -46.16	15.55 0.97 -0.01	14.46 0.91 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.44 1.22 0.00	18.65 1.27 0.00	22.88 1.57 -0.02	23.44 1.58 0.00	28.40 1.84 -1.24	136.00 8.31 1.73	37.31 2.23 -2.98	31.65 1.48 -9.39	24.87 1.13 -8.45	22.48 1.45 0.00	21.34 1.08 0.00
BEACON___LESR 323632	7.88 0.11 -4.09	12.42 0.15 -6.99	8.74 0.09 -5.11	9.59 0.21 -1.81	7.36 0.19 -0.85	12.14 0.29 -1.22	14.01 0.31 0.00	20.20 0.20 -14.79	14.94 0.36 0.00	13.88 0.33 0.00	14.71 0.26 0.00	13.62 0.23 0.00	15.07 0.23 0.00	17.59 0.37 0.00	17.83 0.45 0.00	21.98 0.67 -0.03	22.59 0.73 0.00	28.21 0.93 -1.96	134.07 4.65 0.00	37.46 1.09 -4.28	34.50 0.72 -13.00	26.50 0.49 -10.71	21.54 0.51 0.00	20.54 0.28 0.00
BEAVER RIVER___HYD 24048	3.63 -0.14 -0.10	5.28 -0.22 -0.22	3.57 -0.13 -0.16	8.69 -0.31 -1.43	6.32 -0.27 -0.28	10.31 -0.35 -0.04	13.30 -0.40 0.00	5.08 -0.13 0.00	14.15 -0.43 0.00	13.19 -0.37 0.00	14.08 -0.37 0.00	13.10 -0.28 0.00	14.59 -0.26 0.00	16.78 -0.44 0.00	16.93 -0.45 0.00	21.03 -0.39 -0.14	40.07 -0.16 -18.36	25.47 0.15 0.00	130.91 1.49 0.00	32.40 0.30 0.00	20.92 0.14 0.00	15.34 0.05 0.00	21.17 0.14 0.00	20.50 0.23 0.00
BEEBEE_GT_13 23619	3.85 -0.11 -0.28	5.75 -0.16 -0.63	3.87 -0.13 -0.46	7.49 -0.25 -0.16	6.19 -0.20 -0.08	10.36 -0.38 -0.11	13.30 -0.39 0.00	5.00 -0.21 0.00	14.25 -0.33 0.00	13.27 -0.28 0.00	14.26 -0.19 0.00	13.22 -0.17 0.00	14.72 -0.13 0.00	16.88 -0.35 0.00	16.83 -0.55 0.00	20.77 -0.78 -0.26	55.82 -0.91 -34.86	24.63 -0.74 -0.05	126.20 -3.23 0.00	31.21 -1.00 -0.10	20.41 -0.67 -0.31	15.06 -0.49 -0.25	20.50 -0.53 0.00	19.90 -0.37 0.00
BENSHRST_27_KV_BENSHRST_1 355998	8.95 0.30 -4.98	11.11 0.40 -5.44	7.77 0.26 -3.98	9.54 0.57 -1.41	7.44 0.46 -0.66	12.37 0.80 -0.95	14.66 0.96 0.00	51.79 0.43 -46.15	15.66 1.09 0.00	14.55 1.00 0.00	15.44 1.00 0.00	14.32 0.93 0.00	15.88 1.03 0.00	18.57 1.35 0.00	18.78 1.40 0.00	23.05 1.75 -0.02	23.65 1.79 0.00	28.92 2.06 -1.54	138.78 9.35 0.00	38.00 2.53 -3.37	32.71 1.68 -10.25	25.00 1.26 -8.45	22.64 1.61 0.00	21.49 1.23 0.00
BETHLEHEM___GRP 23843	7.82 0.06 -4.09	12.36 0.08 -7.00	8.70 0.05 -5.12	9.50 0.12 -1.82	7.27 0.10 -0.85	11.99 0.14 -1.23	13.79 0.09 0.00	20.04 0.09 -14.74	14.74 0.16 0.00	13.65 0.10 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.84 0.00 0.00	17.31 0.09 0.00	17.55 0.17 0.00	21.60 0.28 -0.03	22.20 0.33 0.00	27.71 0.43 -1.96	131.48 2.05 0.00	36.90 0.52 -4.28	34.14 0.35 -13.02	26.25 0.23 -10.73	21.20 0.17 0.00	20.23 -0.04 0.00
BETHLEHEM___GS1 323560	7.82 0.06 -4.09	12.36 0.08 -7.00	8.70 0.05 -5.12	9.50 0.12 -1.82	7.26 0.10 -0.85	11.99 0.14 -1.23	13.79 0.09 0.00	20.04 0.09 -14.74	14.74 0.16 0.00	13.65 0.10 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.84 0.00 0.00	17.31 0.08 0.00	17.54 0.17 0.00	21.60 0.28 -0.03	22.19 0.33 0.00	27.71 0.43 -1.96	131.48 2.05 0.00	36.90 0.52 -4.28	34.14 0.35 -13.02	26.25 0.23 -10.73	21.20 0.17 0.00	20.23 -0.03 0.00
BETHLEHEM___GS2 323561	7.82 0.06 -4.09	12.36 0.08 -7.00	8.70 0.05 -5.12	9.50 0.12 -1.82	7.26 0.10 -0.85	11.99 0.14 -1.23	13.79 0.09 0.00	20.04 0.09 -14.74	14.74 0.16 0.00	13.65 0.10 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.84 0.00 0.00	17.31 0.08 0.00	17.54 0.17 0.00	21.60 0.28 -0.03	22.19 0.33 0.00	27.71 0.43 -1.96	131.48 2.05 0.00	36.90 0.52 -4.28	34.14 0.35 -13.02	26.25 0.23 -10.73	21.20 0.17 0.00	20.23 -0.03 0.00
BETHLEHEM___GS3 323562	7.82 0.06 -4.09	12.36 0.08 -7.00	8.70 0.05 -5.12	9.50 0.12 -1.82	7.26 0.10 -0.85	11.99 0.14 -1.23	13.79 0.09 0.00	20.04 0.09 -14.74	14.74 0.16 0.00	13.65 0.10 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.84 0.00 0.00	17.31 0.08 0.00	17.54 0.17 0.00	21.60 0.28 -0.03	22.19 0.33 0.00	27.71 0.43 -1.96	131.48 2.05 0.00	36.90 0.52 -4.28	34.14 0.35 -13.02	26.25 0.23 -10.73	21.20 0.17 0.00	20.23 -0.03 0.00
BETHLEHEM___STEEL 23779	3.87 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.40 4.37	2.88 -0.33 3.11	9.10 -0.68 0.84	12.94 -0.76 0.00	-1.09 -0.41 5.89	10.43 -0.65 3.49	13.02 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.04 0.04	11.82 -1.41 8.06	47.98 -1.72 -27.84	15.49 -1.49 8.35	122.43 -7.00 -0.01	30.19 -2.06 -0.15	19.67 -1.38 -0.28	14.55 -0.94 -0.20	20.13 -0.90 0.00	19.66 -0.60 0.00
BETHLHEM_115KV_TB1 79974	7.83 0.07 -4.09	12.37 0.10 -7.00	8.71 0.06 -5.12	9.52 0.14 -1.82	7.28 0.12 -0.85	12.02 0.17 -1.23	13.84 0.14 0.00	20.01 0.10 -14.70	14.78 0.21 0.00	13.70 0.15 0.00	14.52 0.07 0.00	13.46 0.07 0.00	14.90 0.05 0.00	17.37 0.15 0.00	17.60 0.23 0.00	21.66 0.35 -0.03	22.27 0.40 0.00	27.79 0.51 -1.96	131.87 2.45 0.00	37.01 0.63 -4.28	34.21 0.41 -13.01	26.30 0.28 -10.72	21.28 0.25 0.00	20.30 0.04 0.00
BETHPAGE_CC_5 323564	8.96 0.31 -4.97	11.10 0.38 -5.44	7.78 0.27 -3.98	9.56 0.58 -1.41	7.44 0.46 -0.66	12.37 0.79 -0.95	14.57 0.88 0.00	44.95 0.41 -39.32	15.50 0.93 0.00	14.42 0.87 0.00	15.32 0.88 0.00	14.21 0.83 0.00	15.74 0.89 0.00	18.31 1.08 0.00	18.60 1.23 0.00	22.87 1.57 -0.02	23.64 1.78 0.00	28.95 2.09 -1.54	138.97 9.55 0.00	37.86 2.39 -3.37	32.72 1.69 -10.26	25.08 1.33 -8.45	22.78 1.74 0.00	21.52 1.25 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	3.89 -0.19 -0.40	4.45 -0.23 0.60	3.99 -0.20 -0.66	3.06 -0.37 4.14	3.06 -0.30 2.95	9.20 -0.63 0.79	12.99 -0.70 0.00	-0.79 -0.39 5.61	10.67 -0.58 3.32	13.08 -0.47 0.00	14.18 -0.27 0.00	13.12 -0.27 0.00	14.67 -0.18 0.00	16.68 -0.54 0.00	16.38 -0.96 0.04	12.34 -1.30 7.64	49.20 -1.61 -28.95	16.05 -1.35 7.93	123.19 -6.24 0.00	30.36 -1.88 -0.15	19.81 -1.26 -0.29	14.65 -0.86 -0.21	20.22 -0.81 0.00	19.75 -0.52 0.00
BINGHAMTON___COGEN 23790	4.46 0.01 -0.77	7.04 0.05 -1.71	4.79 0.01 -1.25	8.06 0.05 -0.45	6.56 0.04 -0.21	10.95 0.03 -0.30	13.74 0.04 0.00	5.21 0.00 0.00	14.67 0.09 0.00	13.52 -0.03 0.00	14.50 0.06 0.00	13.39 0.01 0.00	14.90 0.05 0.00	17.17 -0.05 0.00	17.24 -0.15 0.00	22.58 -0.20 -1.49	92.26 -0.31 -70.71	26.31 -0.14 -1.13	128.43 -0.99 0.00	32.16 -0.25 -0.31	21.54 -0.20 -0.96	15.94 -0.16 -0.80	20.87 -0.16 0.00	20.17 -0.09 0.00
BIXINCNT_115KV_LOAD 355685	3.92 -0.17 -0.42	4.96 -0.18 0.14	4.04 -0.18 -0.69	4.32 -0.33 2.92	3.96 -0.26 2.10	9.56 -0.54 0.52	12.94 -0.76 0.00	0.74 -0.42 4.06	11.51 -0.65 2.42	12.99 -0.56 0.00	14.14 -0.30 0.00	13.05 -0.34 0.00	14.64 -0.20 0.00	16.73 -0.49 0.00	16.37 -0.98 0.03	14.65 -1.24 5.40	55.41 -1.48 -35.03	18.75 -0.91 5.66	125.94 -3.49 0.00	31.05 -1.20 -0.15	20.34 -0.79 -0.35	14.95 -0.62 -0.27	20.37 -0.66 0.00	19.86 -0.41 0.00

BLACK RIVER___HYD 24047	3.69 -0.12 -0.13	5.39 -0.19 -0.30	3.64 -0.11 -0.22	8.35 -0.28 -1.06	6.29 -0.24 -0.21	10.35 -0.33 -0.05	13.34 -0.36 0.00	5.11 -0.10 0.00	14.24 -0.34 0.00	13.27 -0.28 0.00	14.17 -0.27 0.00	13.21 -0.18 0.00	14.68 -0.17 0.00	16.87 -0.35 0.00	17.05 -0.32 0.00	21.19 -0.30 -0.20	48.86 -0.08 -27.07	25.71 0.39 0.00	132.30 2.88 0.00	32.75 0.65 0.00	21.18 0.41 0.00	15.48 0.19 0.00	21.32 0.29 0.00	20.71 0.44 0.00
BLACKRVR_115KV_TB2 79977	3.69 -0.12 -0.13	5.39 -0.19 -0.30	3.64 -0.11 -0.22	8.35 -0.28 -1.06	6.29 -0.24 -0.21	10.35 -0.33 -0.05	13.34 -0.36 0.00	5.10 -0.11 0.00	14.24 -0.34 0.00	13.27 -0.28 0.00	14.17 -0.27 0.00	13.20 -0.18 0.00	14.68 -0.17 0.00	16.87 -0.35 0.00	17.05 -0.32 0.00	21.18 -0.30 -0.20	48.85 -0.08 -27.07	25.71 0.38 0.00	132.30 2.88 0.00	32.75 0.66 0.00	21.18 0.41 0.00	15.49 0.19 0.00	21.32 0.29 0.00	20.71 0.44 0.00
BLISS_WT_PWR 323608	3.91 -0.19 -0.42	4.94 -0.20 0.14	4.02 -0.20 -0.69	4.29 -0.36 2.92	3.93 -0.28 2.10	9.52 -0.58 0.52	12.84 -0.86 0.00	0.70 -0.45 4.06	11.40 -0.76 2.42	12.88 -0.67 0.00	14.04 -0.40 0.00	12.95 -0.43 0.00	14.56 -0.29 0.00	16.63 -0.59 0.00	16.25 -1.10 0.03	14.55 -1.34 5.40	55.36 -1.53 -35.03	18.73 -0.93 5.66	126.01 -3.42 0.00	31.04 -1.21 -0.15	20.33 -0.80 -0.35	14.93 -0.64 -0.27	20.29 -0.74 0.00	19.75 -0.51 0.00
BLUESTONE___WT_PWR 323821	4.65 0.10 -0.88	7.40 0.16 -1.97	5.06 0.09 -1.44	8.28 0.21 -0.51	6.73 0.18 -0.24	11.28 0.31 -0.34	14.15 0.45 0.00	5.39 0.18 0.00	15.13 0.56 0.00	13.96 0.41 0.00	14.92 0.48 0.00	13.80 0.42 0.00	15.37 0.53 0.00	17.83 0.61 0.00	17.96 0.57 0.00	23.48 0.84 -1.36	75.09 0.98 -52.24	28.00 1.34 -1.34	135.17 5.75 0.00	34.28 1.41 -0.78	23.98 0.82 -2.39	17.75 0.48 -1.97	21.63 0.60 0.00	20.76 0.49 0.00
BLUE_CIRC_CHEM_DRP 24182	7.75 0.10 -3.98	12.31 0.15 -6.89	8.67 0.10 -5.04	9.58 0.22 -1.79	7.35 0.19 -0.84	12.13 0.30 -1.21	14.01 0.32 0.00	19.19 0.17 -13.81	14.96 0.39 0.00	13.85 0.30 0.00	14.69 0.25 0.00	13.61 0.23 0.00	15.07 0.22 0.00	17.56 0.33 0.00	17.80 0.43 0.00	21.91 0.60 -0.03	22.53 0.67 0.00	28.08 0.83 -1.93	133.51 4.09 0.00	37.34 1.03 -4.21	34.26 0.67 -12.81	26.33 0.47 -10.56	21.55 0.52 0.00	20.59 0.33 0.00
BOC_GAS_DRP 24189	7.84 0.10 -4.07	12.41 0.14 -6.99	8.73 0.09 -5.11	9.58 0.20 -1.82	7.33 0.16 -0.85	12.10 0.25 -1.22	13.96 0.27 0.00	19.81 0.14 -14.46	14.91 0.33 0.00	13.83 0.28 0.00	14.68 0.23 0.00	13.60 0.21 0.00	15.06 0.22 0.00	17.56 0.33 0.00	17.78 0.40 0.00	21.86 0.55 -0.03	22.45 0.59 0.00	28.00 0.72 -1.96	132.87 3.45 0.00	37.26 0.88 -4.28	34.36 0.59 -13.00	26.43 0.42 -10.71	21.49 0.46 0.00	20.53 0.26 0.00
BOONVILLE_115KV_TB1 79983	3.74 -0.03 -0.09	5.44 -0.04 -0.20	3.66 -0.02 -0.15	8.10 -0.06 -0.59	6.38 -0.06 -0.12	10.64 -0.02 -0.04	13.69 -0.01 0.00	5.22 0.01 0.00	14.59 0.02 0.00	13.58 0.03 0.00	14.49 0.04 0.00	13.46 0.07 0.00	14.96 0.11 0.00	17.27 0.05 0.00	17.43 0.05 0.00	21.56 0.17 -0.10	36.25 0.30 -14.08	25.86 0.53 0.00	132.57 3.15 0.00	32.82 0.72 0.00	21.19 0.41 0.00	15.56 0.26 0.00	21.40 0.37 0.00	20.63 0.36 0.00
BORALEX_4TH_BRANCH 23824	7.99 0.15 -4.16	12.48 0.23 -6.97	8.78 0.16 -5.09	9.68 0.30 -1.81	7.41 0.24 -0.85	12.25 0.41 -1.22	14.15 0.46 0.00	22.03 0.22 -16.59	15.15 0.58 0.00	13.94 0.39 0.00	14.72 0.27 0.00	13.64 0.25 0.00	15.13 0.28 0.00	17.62 0.39 0.00	17.90 0.52 0.00	22.16 0.85 -0.03	22.73 0.87 0.00	28.20 0.94 -1.93	134.39 4.96 0.00	37.62 1.29 -4.23	34.54 0.91 -12.85	26.57 0.68 -10.59	21.83 0.79 0.00	20.74 0.47 0.00
BOWLINE___1 23526	2.65 0.23 1.25	10.61 0.30 -5.04	7.41 0.20 -3.68	9.31 0.44 -1.31	7.28 0.36 -0.61	12.11 0.60 -0.88	14.41 0.72 0.00	-48.52 0.32 54.06	15.37 0.79 0.00	14.30 0.74 0.00	15.17 0.72 0.00	14.05 0.66 0.00	15.60 0.76 0.00	18.22 1.00 0.00	18.44 1.06 0.00	22.62 1.32 -0.02	23.20 1.34 0.00	28.36 1.60 -1.44	136.78 7.35 0.00	37.18 1.94 -3.14	31.61 1.29 -9.54	24.12 0.96 -7.86	22.23 1.20 0.00	21.16 0.89 0.00
BOWLINE___2 23595	2.65 0.23 1.25	10.61 0.30 -5.04	7.42 0.20 -3.68	9.31 0.44 -1.31	7.28 0.36 -0.61	12.11 0.60 -0.88	14.41 0.72 0.00	-48.55 0.32 54.09	15.37 0.79 0.00	14.30 0.74 0.00	15.17 0.72 0.00	14.05 0.66 0.00	15.60 0.76 0.00	18.23 1.00 0.00	18.44 1.06 0.00	22.62 1.32 -0.02	23.20 1.34 0.00	28.36 1.60 -1.44	136.78 7.35 0.00	37.18 1.94 -3.14	31.61 1.29 -9.55	24.12 0.96 -7.87	22.23 1.20 0.00	21.16 0.89 0.00
BRADY___115KV_TB2 356060	3.67 0.00 0.00	5.27 0.00 0.00	3.54 0.00 0.00	9.33 0.02 -1.74	6.66 0.03 -0.32	10.69 0.07 0.00	13.90 0.21 0.00	5.30 0.09 0.00	14.79 0.21 0.00	13.77 0.22 0.00	14.71 0.26 0.00	13.64 0.26 0.00	15.09 0.24 0.00	17.44 0.22 0.00	17.58 0.21 0.00	21.50 0.22 0.00	22.14 0.27 0.00	25.56 0.24 0.00	131.41 1.99 0.00	32.55 0.45 0.00	20.99 0.22 0.00	15.42 0.12 0.00	21.26 0.23 0.00	20.56 0.30 0.00
BRANSCOMB___SOLAR 323811	7.99 0.16 -4.15	12.66 0.24 -7.15	8.91 0.15 -5.23	9.75 0.33 -1.86	7.47 0.28 -0.87	12.37 0.50 -1.25	14.30 0.60 0.00	19.83 0.28 -14.34	15.30 0.72 0.00	14.15 0.60 0.00	14.95 0.51 0.00	13.87 0.48 0.00	15.41 0.56 0.00	17.94 0.72 0.00	18.17 0.79 0.00	22.51 1.19 -0.03	23.06 1.20 0.00	28.76 1.44 -2.01	136.89 7.46 0.00	38.37 1.89 -4.38	35.31 1.21 -13.33	27.10 0.82 -10.98	21.96 0.92 0.00	20.94 0.68 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	8.99 0.34 -4.97	11.15 0.43 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.67 0.98 0.00	44.98 0.45 -39.32	15.57 0.99 0.00	14.47 0.92 0.00	15.45 1.00 0.00	14.33 0.94 0.00	15.85 1.00 0.00	18.35 1.12 0.00	18.66 1.28 0.00	22.98 1.67 -0.02	23.83 1.97 0.00	29.20 2.33 -1.54	140.06 10.63 0.00	37.78 2.31 -3.37	32.80 1.77 -10.26	25.24 1.50 -8.45	23.03 2.00 0.00	21.74 1.48 0.00
BRISTLHL_115KV_TB1 79998	3.87 -0.01 -0.21	5.72 -0.01 -0.46	3.85 -0.01 -0.34	7.66 -0.03 -0.12	6.34 -0.03 -0.06	10.66 -0.04 -0.08	13.67 -0.02 0.00	5.21 0.00 0.00	14.62 0.04 0.00	13.57 0.02 0.00	14.50 0.06 0.00	13.45 0.07 0.00	14.96 0.11 0.00	17.27 0.04 0.00	17.37 0.00 0.00	21.61 -0.01 -0.34	67.72 -0.08 -45.93	25.49 0.14 -0.03	130.48 1.06 0.00	32.41 0.23 -0.07	21.12 0.11 -0.22	15.53 0.05 -0.19	21.06 0.03 0.00	20.38 0.11 0.00
BROOKHAVEN___DRP 24191	8.99 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.64 -1.41	7.48 0.50 -0.66	12.44 0.87 -0.95	14.63 0.94 0.00	44.97 0.44 -39.32	15.50 0.93 0.00	14.41 0.86 0.00	15.36 0.91 0.00	14.25 0.86 0.00	15.77 0.92 0.00	18.22 1.00 0.00	18.53 1.15 0.00	22.85 1.54 -0.02	23.73 1.86 0.00	29.10 2.23 -1.54	140.12 10.70 0.00	38.03 2.56 -3.37	32.88 1.85 -10.26	25.23 1.49 -8.45	23.02 1.99 0.00	21.70 1.44 0.00

BROOKLYN_NAVY_YARD 23515	8.94 0.29 -4.98	11.10 0.39 -5.44	7.77 0.26 -3.98	9.54 0.56 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.63 0.93 0.00	45.04 0.42 -39.41	15.60 1.03 0.00	14.50 0.95 0.00	15.37 0.93 0.00	14.24 0.86 0.00	15.80 0.96 0.00	18.48 1.25 0.00	18.68 1.31 0.00	22.92 1.62 -0.02	23.50 1.64 0.00	28.78 1.92 -1.54	138.17 8.75 0.00	37.81 2.34 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.39 1.13 0.00
BROOKLYN___ARMY_DRP 323595	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
BROOKVLE_69_KV_TB1 55790	8.94 0.29 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.54 0.57 -1.41	7.43 0.45 -0.66	12.35 0.77 -0.95	14.59 0.89 0.00	44.94 0.41 -39.32	15.55 0.98 0.00	14.47 0.92 0.00	15.43 0.98 0.00	14.28 0.89 0.00	15.80 0.95 0.00	18.42 1.19 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.64 1.77 0.00	28.93 2.07 -1.54	138.97 9.54 0.00	37.93 2.46 -3.37	32.71 1.68 -10.26	25.05 1.28 -8.47	22.67 1.63 -0.01	21.46 1.20 0.00
BROOME_2_LFGE 323671	4.46 0.01 -0.77	7.04 0.05 -1.71	4.79 0.01 -1.25	8.06 0.05 -0.45	6.56 0.04 -0.21	10.95 0.03 -0.30	13.74 0.04 0.00	5.21 0.00 0.00	14.67 0.09 0.00	13.52 -0.03 0.00	14.50 0.06 0.00	13.39 0.01 0.00	14.90 0.05 0.00	17.18 -0.05 0.00	17.24 -0.14 0.00	22.57 -0.21 -1.49	92.27 -0.30 -70.71	26.31 -0.14 -1.13	128.43 -1.00 0.00	32.16 -0.25 -0.31	21.54 -0.20 -0.96	15.94 -0.16 -0.80	20.87 -0.16 0.00	20.16 -0.10 0.00
BROOME___LFGE 323600	4.46 0.01 -0.77	7.04 0.05 -1.71	4.79 0.01 -1.25	8.06 0.05 -0.45	6.56 0.04 -0.21	10.95 0.03 -0.30	13.74 0.04 0.00	5.21 0.00 0.00	14.67 0.09 0.00	13.52 -0.03 0.00	14.50 0.06 0.00	13.39 0.01 0.00	14.90 0.05 0.00	17.18 -0.05 0.00	17.24 -0.14 0.00	22.57 -0.21 -1.49	92.27 -0.30 -70.71	26.31 -0.14 -1.13	128.43 -1.00 0.00	32.16 -0.25 -0.31	21.54 -0.20 -0.96	15.94 -0.16 -0.80	20.87 -0.16 0.00	20.16 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	3.63 -0.11 -0.07	5.26 -0.17 -0.16	3.54 -0.10 -0.11	9.80 -0.22 -2.46	6.58 -0.19 -0.46	10.39 -0.26 -0.03	13.45 -0.24 0.00	5.11 -0.10 0.00	14.24 -0.34 0.00	13.29 -0.26 0.00	14.20 -0.25 0.00	13.19 -0.20 0.00	14.65 -0.20 0.00	16.89 -0.33 0.00	17.00 -0.37 0.00	21.01 -0.36 -0.09	34.29 -0.20 -12.63	25.26 -0.06 0.00	129.90 0.48 0.00	32.19 0.09 0.00	20.81 0.03 0.00	15.27 -0.03 0.00	21.06 0.02 0.00	20.38 0.12 0.00
BROWNSV1_27_KV_LOAD 356125	8.96 0.31 -4.98	11.13 0.41 -5.44	7.78 0.28 -3.98	9.57 0.59 -1.41	7.46 0.48 -0.66	12.41 0.83 -0.95	14.70 1.00 0.00	45.07 0.45 -39.41	15.69 1.11 0.00	14.59 1.04 0.00	15.47 1.03 0.00	14.34 0.95 0.00	15.91 1.06 0.00	18.61 1.38 0.00	18.82 1.44 0.00	23.09 1.78 -0.02	23.67 1.81 0.00	28.98 2.11 -1.54	139.19 9.77 0.00	38.07 2.60 -3.37	32.74 1.71 -10.25	25.03 1.29 -8.45	22.68 1.65 0.00	21.52 1.26 0.00
BURROWS___LYONSDAL 23803	3.71 -0.06 -0.09	5.38 -0.10 -0.21	3.63 -0.05 -0.15	8.19 -0.14 -0.76	6.34 -0.13 -0.15	10.54 -0.12 -0.04	13.57 -0.13 0.00	5.18 -0.03 0.00	14.45 -0.12 0.00	13.46 -0.09 0.00	14.36 -0.09 0.00	13.35 -0.04 0.00	14.84 0.00 0.00	17.12 -0.11 0.00	17.27 -0.10 0.00	21.40 0.01 -0.11	36.97 0.18 -14.92	25.77 0.45 0.00	132.16 2.74 0.00	32.71 0.61 0.00	21.11 0.33 0.00	15.50 0.20 0.00	21.35 0.32 0.00	20.60 0.34 0.00
CAITHNESS_CC_1 323624	8.98 0.34 -4.97	11.13 0.41 -5.44	7.79 0.28 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.61 0.91 0.00	44.96 0.43 -39.32	15.48 0.90 0.00	14.39 0.84 0.00	15.25 0.80 0.00	14.18 0.79 0.00	15.75 0.90 0.00	18.20 0.97 0.00	18.51 1.13 0.00	22.81 1.51 -0.02	23.68 1.82 0.00	29.04 2.18 -1.54	139.76 10.34 0.00	37.94 2.47 -3.37	32.81 1.78 -10.26	25.19 1.45 -8.45	22.96 1.93 0.00	21.65 1.39 0.00
CALPINE BETH_PAGE_GT4 24209	8.95 0.31 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.56 0.58 -1.41	7.44 0.46 -0.66	12.37 0.79 -0.95	14.57 0.87 0.00	44.94 0.41 -39.32	15.50 0.93 0.00	14.42 0.87 0.00	15.40 0.96 0.00	14.25 0.87 0.00	15.73 0.88 0.00	18.31 1.09 0.00	18.60 1.23 0.00	22.88 1.57 -0.02	23.64 1.77 0.00	28.94 2.07 -1.54	138.93 9.51 0.00	37.86 2.39 -3.37	32.71 1.68 -10.26	25.08 1.32 -8.46	22.76 1.73 0.00	21.50 1.24 0.00
CALPINE_BETH_PAGE_GT_4 323586	8.95 0.31 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.56 0.58 -1.41	7.44 0.46 -0.66	12.37 0.79 -0.95	14.57 0.87 0.00	44.94 0.41 -39.32	15.50 0.93 0.00	14.42 0.87 0.00	15.33 0.89 0.00	14.22 0.83 0.00	15.73 0.88 0.00	18.31 1.09 0.00	18.60 1.23 0.00	22.88 1.57 -0.02	23.63 1.77 0.00	28.94 2.08 -1.54	138.89 9.47 0.00	37.86 2.39 -3.37	32.71 1.68 -10.26	25.08 1.32 -8.46	22.76 1.73 0.00	21.51 1.24 0.00
CALPINE_BP_GT1 23823	8.95 0.31 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.56 0.58 -1.41	7.44 0.46 -0.66	12.37 0.79 -0.95	14.57 0.87 0.00	44.94 0.41 -39.32	15.50 0.93 0.00	14.42 0.87 0.00	15.33 0.89 0.00	14.22 0.83 0.00	15.73 0.88 0.00	18.31 1.09 0.00	18.60 1.23 0.00	22.88 1.57 -0.02	23.63 1.77 0.00	28.94 2.08 -1.54	138.89 9.47 0.00	37.86 2.39 -3.37	32.71 1.68 -10.26	25.08 1.32 -8.46	22.76 1.73 0.00	21.51 1.24 0.00
CALSPAN___DRP 24200	3.87 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.40 4.37	2.88 -0.33 3.11	9.10 -0.68 0.84	12.94 -0.76 0.00	-1.09 -0.41 5.89	10.43 -0.65 3.49	13.02 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.04 0.04	11.82 -1.41 8.06	47.98 -1.72 -27.84	15.49 -1.49 8.35	122.43 -7.00 -0.01	30.19 -2.06 -0.15	19.67 -1.38 -0.28	14.55 -0.94 -0.20	20.13 -0.90 0.00	19.66 -0.60 0.00
CALVERTON___SOLAR 323806	9.00 0.35 -4.97	11.15 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.49 0.52 -0.66	12.47 0.89 -0.95	14.67 0.97 0.00	44.99 0.46 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.32 0.87 0.00	14.24 0.85 0.00	15.81 0.96 0.00	18.26 1.04 0.00	18.57 1.19 0.00	22.90 1.59 -0.02	23.78 1.92 0.00	29.19 2.33 -1.54	140.63 11.21 0.00	38.14 2.67 -3.37	32.95 1.92 -10.26	25.29 1.55 -8.45	23.09 2.06 0.00	21.77 1.51 0.00
CANDIGU_WT_PWR 323617	4.04 -0.16 -0.53	-1.29 -0.16 6.40	4.24 -0.16 -0.86	-14.58 -0.28 21.86	-9.28 -0.23 15.36	5.53 -0.48 4.62	13.07 -0.62 0.01	-23.51 -0.31 28.41	-2.78 -0.59 16.77	12.95 -0.60 0.00	13.97 -0.48 0.00	12.87 -0.51 0.00	14.36 -0.49 0.00	16.48 -0.74 0.00	16.22 -0.96 0.19	-20.35 -1.13 40.50	-20.48 -1.23 41.12	-16.81 -1.05 41.09	125.19 -4.24 0.00	31.07 -1.22 -0.19	19.67 -0.90 0.21	14.33 -0.66 0.30	20.27 -0.76 0.00	19.76 -0.51 0.00

CARR STREET_E__SYR 24060	3.85 -0.04 -0.22	5.71 -0.06 -0.50	3.85 -0.05 -0.36	7.61 -0.09 -0.13	6.30 -0.08 -0.06	10.57 -0.14 -0.09	13.54 -0.16 0.00	5.15 -0.06 0.00	14.44 -0.13 0.00	13.41 -0.14 0.00	14.33 -0.12 0.00	13.27 -0.12 0.00	14.74 -0.11 0.00	17.04 -0.19 0.00	17.14 -0.23 0.00	21.36 -0.31 -0.38	72.32 -0.37 -50.83	25.06 -0.29 -0.04	127.99 -1.44 0.00	31.78 -0.39 -0.08	20.74 -0.27 -0.24	15.28 -0.21 -0.20	20.74 -0.29 0.00	20.05 -0.22 0.00
CARTHAGE__PAPER 23857	3.68 -0.12 -0.12	5.36 -0.19 -0.27	3.63 -0.10 -0.20	8.51 -0.25 -1.20	6.33 -0.23 -0.24	10.39 -0.28 -0.05	13.40 -0.30 0.00	5.12 -0.09 0.00	14.28 -0.30 0.00	13.30 -0.25 0.00	14.20 -0.25 0.00	13.22 -0.17 0.00	14.72 -0.13 0.00	16.92 -0.31 0.00	17.08 -0.29 0.00	21.25 -0.21 -0.18	45.59 0.03 -23.70	25.75 0.43 0.00	132.43 3.01 0.00	32.79 0.69 0.00	21.18 0.40 0.00	15.50 0.20 0.00	21.36 0.33 0.00	20.72 0.45 0.00
CASSADAGA_WT_PWR 323784	3.94 -0.16 -0.42	4.88 -0.17 0.22	4.04 -0.18 -0.69	4.08 -0.34 3.15	3.78 -0.27 2.26	9.39 -0.66 0.57	12.97 -0.73 0.00	0.44 -0.41 4.35	11.39 -0.59 2.59	13.12 -0.43 0.00	14.19 -0.26 0.00	13.12 -0.27 0.00	14.70 -0.15 0.00	16.83 -0.40 0.00	16.63 -0.71 0.03	14.55 -0.91 5.83	53.76 -0.97 -32.87	18.54 -0.68 6.10	125.46 -3.96 0.00	31.03 -1.23 -0.15	20.17 -0.95 -0.34	14.80 -0.75 -0.26	20.30 -0.73 0.00	19.82 -0.45 0.00
CE_DUNWOOD__DRP 24194	8.95 0.25 -5.03	11.00 0.33 -5.40	7.70 0.22 -3.95	9.44 0.48 -1.40	7.36 0.39 -0.66	12.23 0.66 -0.94	14.48 0.78 0.00	46.04 0.36 -40.48	15.45 0.87 0.00	14.37 0.82 0.00	15.24 0.79 0.00	14.12 0.73 0.00	15.67 0.82 0.00	18.30 1.07 0.00	18.52 1.15 0.00	22.73 1.42 -0.02	23.32 1.46 0.00	28.58 1.72 -1.53	137.42 7.99 0.00	37.54 2.10 -3.35	32.35 1.39 -10.18	24.73 1.04 -8.39	22.34 1.31 0.00	21.23 0.97 0.00
CE_MILLWOOD__DRP 24193	8.96 0.24 -5.05	10.93 0.32 -5.34	7.65 0.21 -3.91	9.42 0.46 -1.39	7.34 0.37 -0.65	12.20 0.64 -0.93	14.45 0.75 0.00	46.73 0.35 -41.18	15.42 0.84 0.00	14.34 0.79 0.00	15.21 0.77 0.00	14.09 0.71 0.00	15.64 0.79 0.00	18.27 1.04 0.00	18.49 1.11 0.00	22.68 1.38 -0.02	23.28 1.42 0.00	28.52 1.68 -1.52	137.17 7.75 0.00	37.46 2.04 -3.32	32.21 1.35 -10.08	24.61 1.01 -8.31	22.29 1.26 0.00	21.20 0.93 0.00
CE_NYC2_DRP 24202	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	51.78 0.42 -46.15	15.61 1.03 0.00	14.48 0.93 0.00	15.36 0.91 0.00	14.24 0.85 0.00	15.79 0.95 0.00	18.47 1.24 0.00	18.68 1.30 0.00	22.92 1.61 -0.02	23.52 1.65 0.00	28.77 1.91 -1.54	138.09 8.67 0.00	37.78 2.31 -3.37	32.57 1.54 -10.25	24.90 1.16 -8.45	22.50 1.47 0.00	21.37 1.11 0.00
CE_NYC_DRP 24195	8.94 0.28 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	45.03 0.41 -39.41	15.58 1.00 0.00	14.48 0.93 0.00	15.36 0.91 0.00	14.23 0.84 0.00	15.79 0.94 0.00	18.47 1.25 0.00	18.68 1.31 0.00	22.92 1.62 -0.02	23.50 1.63 0.00	28.76 1.89 -1.54	138.10 8.68 0.00	37.78 2.30 -3.37	32.55 1.53 -10.25	24.90 1.16 -8.45	22.51 1.48 0.00	21.37 1.10 0.00
CHAFFEE__LFGE 323603	3.89 -0.19 -0.41	4.63 -0.23 0.41	4.00 -0.20 -0.67	3.57 -0.37 3.64	3.41 -0.31 2.60	9.31 -0.64 0.68	12.99 -0.70 0.00	-0.15 -0.39 4.96	11.06 -0.57 2.95	13.09 -0.46 0.00	14.19 -0.26 0.00	13.12 -0.26 0.00	14.65 -0.20 0.00	16.66 -0.56 0.00	16.38 -0.96 0.03	13.29 -1.28 6.71	51.77 -1.56 -31.47	16.97 -1.36 6.99	123.14 -6.29 0.00	30.33 -1.92 -0.15	19.81 -1.28 -0.32	14.66 -0.87 -0.23	20.19 -0.84 0.00	19.69 -0.57 0.00
CHATEAUG_35_KV_LOAD 355732	3.53 -0.14 0.00	5.05 -0.22 0.00	3.40 -0.13 0.00	-16.37 -0.30 23.64	1.81 -0.19 4.31	10.47 -0.16 0.00	13.55 -0.14 0.00	5.11 -0.10 0.00	14.39 -0.18 0.00	13.27 -0.28 0.00	14.20 -0.25 0.00	13.17 -0.21 0.00	14.52 -0.33 0.00	16.93 -0.30 0.00	17.04 -0.34 0.00	21.01 -0.27 0.00	21.68 -0.18 0.00	25.17 -0.15 0.00	131.85 2.43 0.00	32.87 0.77 0.00	21.15 0.38 0.00	15.44 0.14 0.00	21.11 0.08 0.00	20.38 0.11 0.00
CHATEAUG_WT_PWR 323614	3.52 -0.16 0.00	5.03 -0.24 0.00	3.38 -0.15 0.00	-14.79 -0.33 22.03	2.09 -0.21 4.02	10.45 -0.17 0.00	13.52 -0.18 0.00	5.08 -0.13 0.00	14.36 -0.22 0.00	13.23 -0.32 0.00	14.14 -0.30 0.00	13.13 -0.25 0.00	14.47 -0.38 0.00	16.89 -0.33 0.00	17.00 -0.38 0.00	20.97 -0.32 0.00	21.62 -0.24 0.00	25.11 -0.22 0.00	131.61 2.18 0.00	32.86 0.76 0.00	21.13 0.36 0.00	15.42 0.12 0.00	21.07 0.04 0.00	20.33 0.06 0.00
CHAT_HIGH_FALL_HYD 323578	3.54 -0.14 0.00	5.06 -0.22 0.00	3.40 -0.13 0.00	-16.37 -0.30 23.64	1.82 -0.19 4.31	10.47 -0.16 0.00	13.55 -0.14 0.00	5.10 -0.11 0.00	14.39 -0.18 0.00	13.27 -0.28 0.00	14.20 -0.25 0.00	13.17 -0.21 0.00	14.52 -0.33 0.00	16.93 -0.30 0.00	17.04 -0.34 0.00	21.01 -0.27 0.00	21.67 -0.19 0.00	25.17 -0.15 0.00	131.71 2.28 0.00	32.87 0.77 0.00	21.15 0.38 0.00	15.44 0.14 0.00	21.11 0.07 0.00	20.38 0.11 0.00
CHAUTAUQUA__LFGE 323629	3.92 -0.17 -0.41	4.63 -0.19 0.45	4.02 -0.19 -0.68	3.45 -0.33 3.79	3.34 -0.27 2.70	9.30 -0.61 0.71	13.03 -0.67 0.00	-0.32 -0.37 5.16	10.98 -0.54 3.06	13.15 -0.40 0.00	14.23 -0.22 0.00	13.15 -0.24 0.00	14.70 -0.15 0.00	16.77 -0.45 0.00	16.54 -0.80 0.04	13.23 -1.06 6.99	50.07 -1.26 -29.46	17.02 -1.03 7.27	124.01 -5.42 0.00	30.67 -1.57 -0.15	19.99 -1.10 -0.31	14.74 -0.79 -0.23	20.29 -0.75 0.00	19.77 -0.49 0.00
CHERRYST_13_KV_LD 356241	8.94 0.30 -4.98	11.10 0.39 -5.44	7.77 0.26 -3.98	9.54 0.57 -1.41	7.44 0.46 -0.66	12.37 0.79 -0.95	14.64 0.94 0.00	45.05 0.43 -39.41	15.62 1.05 0.00	14.52 0.97 0.00	15.40 0.95 0.00	14.27 0.88 0.00	15.83 0.98 0.00	18.52 1.30 0.00	18.73 1.35 0.00	22.97 1.67 -0.02	23.55 1.69 0.00	28.83 1.97 -1.54	138.47 9.05 0.00	37.86 2.39 -3.37	32.61 1.58 -10.25	24.94 1.19 -8.45	22.55 1.52 0.00	21.41 1.14 0.00
CHESTROR_138KV_BK263 355645	3.25 0.20 0.63	10.15 0.26 -4.61	7.08 0.18 -3.37	9.15 0.39 -1.20	7.19 0.32 -0.56	11.97 0.54 -0.81	14.34 0.64 0.00	-36.09 0.29 41.58	15.29 0.71 0.00	14.23 0.68 0.00	15.10 0.65 0.00	13.98 0.59 0.00	15.52 0.67 0.00	18.12 0.89 0.00	18.33 0.96 0.00	22.50 1.20 -0.02	23.09 1.22 0.00	28.12 1.48 -1.32	136.29 6.87 0.00	36.78 1.79 -2.89	30.76 1.19 -8.79	23.42 0.87 -7.24	22.12 1.09 0.00	21.09 0.83 0.00
CH_MIDHUDSON__DRP 24192	7.40 0.23 -3.49	11.24 0.30 -5.66	7.87 0.20 -4.14	9.47 0.43 -1.47	7.36 0.36 -0.69	12.22 0.61 -0.99	14.42 0.72 0.00	21.23 0.33 -15.69	15.40 0.82 0.00	14.30 0.75 0.00	15.17 0.72 0.00	14.05 0.66 0.00	15.57 0.72 0.00	18.18 0.96 0.00	18.41 1.03 0.00	22.62 1.31 -0.02	23.24 1.37 0.00	28.59 1.66 -1.61	137.27 7.85 0.00	37.67 2.06 -3.51	32.81 1.35 -10.68	25.09 0.99 -8.80	22.25 1.22 0.00	21.15 0.89 0.00

CH_MISC_IPPS 23765	6.81 0.25 -2.88	11.06 0.33 -5.46	7.74 0.22 -3.99	9.46 0.48 -1.42	7.37 0.39 -0.67	12.24 0.66 -0.96	14.50 0.81 0.00	11.61 0.36 -6.04	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.17 0.78 0.00	15.71 0.86 0.00	18.35 1.13 0.00	18.59 1.21 0.00	22.83 1.52 -0.02	23.41 1.54 0.00	28.73 1.87 -1.54	138.34 8.91 0.00	37.79 2.33 -3.37	32.53 1.52 -10.24	24.84 1.11 -8.44	22.41 1.38 0.00	21.32 1.06 0.00
CH_RES_BVR_FALLS 23983	3.64 -0.03 0.00	5.23 -0.05 0.00	3.50 -0.03 0.00	7.51 -0.06 0.00	6.27 -0.04 0.00	10.56 -0.06 0.00	13.65 -0.04 0.00	5.18 -0.03 0.00	14.48 -0.09 0.00	13.47 -0.08 0.00	14.37 -0.07 0.00	13.33 -0.06 0.00	14.76 -0.09 0.00	17.11 -0.11 0.00	17.27 -0.11 0.00	21.14 -0.15 0.00	21.74 -0.12 0.00	25.12 -0.20 0.00	128.66 -0.76 0.00	31.91 -0.19 0.00	20.65 -0.12 0.00	15.20 -0.09 0.00	20.94 -0.09 0.00	20.23 -0.04 0.00
CH_RES_NIAGARA 23895	3.73 -0.32 -0.37	4.42 -0.41 0.45	3.82 -0.32 -0.61	3.43 -0.61 3.52	3.28 -0.52 2.52	8.92 -1.03 0.67	12.55 -1.15 0.00	-0.16 -0.57 4.79	10.62 -1.12 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.23 0.00	15.65 -1.69 0.03	12.66 -2.13 6.49	22.01 -2.65 -2.80	16.03 -2.52 6.76	116.34 -13.06 0.03	28.59 -3.61 -0.10	18.67 -2.36 -0.26	13.90 -1.60 -0.20	19.28 -1.75 0.00	18.95 -1.32 0.00
CH_RES_SYRACUSE 23985	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.11 -0.17 -69.42	25.33 -0.03 -0.04	129.42 -0.01 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.22 -0.04 0.00
CLINTON_WT_PWR 323605	3.52 -0.16 0.00	5.03 -0.24 0.00	3.38 -0.15 0.00	-14.79 -0.33 22.03	2.09 -0.21 4.02	10.45 -0.17 0.00	13.52 -0.18 0.00	5.08 -0.13 0.00	14.36 -0.22 0.00	13.23 -0.32 0.00	14.14 -0.30 0.00	13.13 -0.25 0.00	14.47 -0.38 0.00	16.89 -0.33 0.00	17.00 -0.38 0.00	20.97 -0.32 0.00	21.62 -0.24 0.00	25.11 -0.22 0.00	131.61 2.18 0.00	32.86 0.76 0.00	21.13 0.36 0.00	15.42 0.12 0.00	21.07 0.04 0.00	20.33 0.06 0.00
CLINTON__LFGE 323618	3.57 -0.10 0.00	5.10 -0.17 0.00	3.43 -0.10 0.00	-15.11 -0.23 22.45	2.09 -0.12 4.09	10.58 -0.04 0.00	13.71 0.01 0.00	5.16 -0.05 0.00	14.61 0.04 0.00	13.46 -0.10 0.00	14.40 -0.05 0.00	13.37 -0.01 0.00	14.70 -0.15 0.00	17.16 -0.06 0.00	17.27 -0.10 0.00	21.32 0.03 0.00	21.99 0.13 0.00	25.52 0.19 0.00	133.77 4.35 0.00	33.44 1.34 0.00	21.50 0.72 0.00	15.69 0.39 0.00	21.37 0.34 0.00	20.60 0.34 0.00
COBBLENY_34_KV_TB1 80064	3.89 -0.19 -0.41	4.63 -0.24 0.41	4.00 -0.20 -0.67	3.56 -0.37 3.64	3.41 -0.31 2.60	9.31 -0.64 0.68	12.99 -0.70 0.00	-0.14 -0.39 4.96	11.05 -0.58 2.95	13.09 -0.46 0.00	14.19 -0.26 0.00	13.12 -0.26 0.00	14.64 -0.20 0.00	16.66 -0.56 0.00	16.37 -0.97 0.03	13.26 -1.31 6.71	51.71 -1.62 -31.47	16.96 -1.38 6.99	123.05 -6.38 0.00	30.33 -1.92 -0.15	19.80 -1.29 -0.32	14.66 -0.87 -0.23	20.19 -0.84 0.00	19.72 -0.54 0.00
COFFEEN__115KV_TB3 355620	3.72 -0.09 -0.14	5.44 -0.14 -0.31	3.67 -0.08 -0.22	8.38 -0.21 -1.03	6.33 -0.19 -0.21	10.44 -0.24 -0.05	13.46 -0.23 0.00	5.15 -0.06 0.00	14.38 -0.19 0.00	13.40 -0.14 0.00	14.32 -0.13 0.00	13.34 -0.04 0.00	14.81 -0.04 0.00	17.02 -0.20 0.00	17.22 -0.16 0.00	21.33 -0.16 -0.21	49.58 0.05 -27.67	25.89 0.56 0.00	133.52 4.10 0.00	33.07 0.97 0.00	21.38 0.60 0.00	15.62 0.32 0.00	21.48 0.45 0.00	20.84 0.58 0.00
COLDSPRG_115KV_BK1 355956	4.05 -0.05 -0.43	5.39 -0.02 -0.14	4.16 -0.08 -0.70	5.32 -0.10 2.16	4.68 -0.07 1.57	10.02 -0.25 0.36	13.47 -0.23 0.00	1.91 -0.22 3.08	12.70 -0.03 1.85	13.66 0.11 0.00	14.78 0.33 0.00	13.66 0.27 0.00	15.26 0.41 0.00	17.46 0.24 0.00	17.26 -0.09 0.02	17.07 -0.22 3.99	59.65 -0.45 -38.24	21.01 -0.08 4.24	128.90 -0.52 0.00	31.89 -0.37 -0.15	20.84 -0.32 -0.39	15.36 -0.24 -0.31	20.99 -0.04 0.00	20.43 0.17 0.00
COLONIE_LFGE__ 323577	7.94 0.12 -4.14	12.53 0.18 -7.08	8.83 0.12 -5.18	9.65 0.25 -1.84	7.39 0.21 -0.87	12.21 0.35 -1.24	14.08 0.38 0.00	20.13 0.20 -14.72	15.05 0.48 0.00	13.93 0.38 0.00	14.75 0.30 0.00	13.67 0.28 0.00	15.17 0.32 0.00	17.67 0.45 0.00	17.90 0.52 0.00	22.09 0.78 -0.03	22.67 0.81 0.00	28.28 0.97 -1.99	134.34 4.92 0.00	37.70 1.25 -4.35	34.81 0.82 -13.21	26.76 0.57 -10.89	21.67 0.64 0.00	20.67 0.40 0.00
COOPERNY_115KV_TB1 80082	4.06 0.16 -0.22	8.95 0.21 -3.47	6.21 0.14 -2.54	8.77 0.30 -0.90	6.99 0.25 -0.42	11.65 0.42 -0.61	14.20 0.50 0.00	-15.08 0.22 20.51	15.14 0.56 0.00	14.10 0.55 0.00	14.98 0.53 0.00	13.87 0.48 0.00	15.39 0.55 0.00	17.95 0.73 0.00	18.15 0.77 0.00	22.26 0.96 -0.02	22.85 0.99 0.00	27.53 1.19 -1.02	134.95 5.53 0.00	35.76 1.43 -2.24	28.52 0.95 -6.80	21.60 0.70 -5.60	21.91 0.88 0.00	20.93 0.67 0.00
COPENHAGEN_WT_PWR 323753	3.66 -0.16 -0.14	5.36 -0.23 -0.32	3.62 -0.14 -0.23	8.20 -0.35 -0.98	6.21 -0.31 -0.20	10.23 -0.45 -0.06	13.18 -0.52 0.00	5.05 -0.16 0.00	14.07 -0.51 0.00	13.11 -0.44 0.00	14.00 -0.45 0.00	13.05 -0.33 0.00	14.53 -0.32 0.00	16.70 -0.52 0.00	16.88 -0.50 0.00	21.01 -0.48 -0.21	50.35 -0.24 -28.72	25.55 0.23 0.00	131.35 1.93 0.00	32.48 0.38 0.00	21.04 0.26 0.00	15.38 0.08 0.00	21.18 0.15 0.00	20.63 0.37 0.00
CORNELL____ 23752	4.25 0.04 -0.53	6.99 0.08 -1.63	4.44 0.04 -0.87	9.24 0.09 -1.59	7.43 0.08 -1.04	11.24 0.12 -0.49	13.89 0.19 0.00	6.91 0.07 -1.64	15.79 0.25 -0.97	13.68 0.13 0.00	14.65 0.21 0.00	13.53 0.15 0.00	15.06 0.21 0.00	17.37 0.15 0.00	17.48 0.09 -0.01	24.52 0.12 -3.12	97.80 0.03 -75.91	28.36 0.32 -2.72	131.26 1.84 0.00	32.77 0.45 -0.22	21.73 0.22 -0.73	16.03 0.12 -0.61	21.18 0.15 0.00	20.45 0.19 0.00
CORONAAV_69_KV_TB1 355595	8.95 0.30 -4.97	11.10 0.38 -5.44	7.77 0.27 -3.98	9.55 0.58 -1.41	7.44 0.46 -0.66	12.36 0.78 -0.95	14.58 0.88 0.00	44.94 0.40 -39.32	15.50 0.93 0.00	14.44 0.89 0.00	15.43 0.98 0.00	14.26 0.88 0.00	15.72 0.87 0.00	18.33 1.11 0.00	18.61 1.24 0.00	22.87 1.57 -0.02	23.59 1.72 0.00	28.84 1.98 -1.54	138.27 8.85 0.00	37.78 2.31 -3.37	32.67 1.64 -10.26	25.11 1.28 -8.54	22.73 1.66 -0.03	21.48 1.22 0.00
CORTLAND_115KV_TB3 80093	4.12 0.02 -0.43	6.28 0.04 -0.97	4.25 0.01 -0.71	7.86 0.04 -0.25	6.47 0.04 -0.12	10.85 0.05 -0.17	13.79 0.09 0.00	5.25 0.04 0.00	14.71 0.14 0.00	13.59 0.04 0.00	14.55 0.11 0.00	13.45 0.07 0.00	14.96 0.11 0.00	17.27 0.04 0.00	17.37 -0.01 0.00	22.76 0.00 -1.48	88.79 -0.06 -66.99	26.53 0.13 -1.08	130.12 0.69 0.00	32.42 0.16 -0.16	21.34 0.06 -0.50	15.72 0.01 -0.41	21.04 0.01 0.00	20.32 0.06 0.00

COXSACKIE___GT 23611	7.58 0.19 -3.71	12.15 0.29 -6.59	8.53 0.18 -4.82	9.68 0.40 -1.71	7.47 0.35 -0.80	12.35 0.57 -1.15	14.43 0.73 0.00	17.33 0.34 -11.78	15.47 0.89 0.00	14.17 0.62 0.00	14.99 0.55 0.00	13.76 0.38 0.00	14.77 -0.07 0.00	17.83 0.61 0.00	18.10 0.73 0.00	22.38 1.07 -0.03	23.28 1.42 0.00	28.96 1.79 -1.85	139.03 9.61 0.00	38.54 2.40 -4.04	34.56 1.50 -12.28	26.42 1.00 -10.12	22.20 1.17 0.00	21.15 0.88 0.00
CPV_VALLEY___CC1 323721	3.52 0.19 0.34	9.62 0.24 -4.10	6.69 0.17 -3.00	8.99 0.36 -1.07	7.11 0.29 -0.50	11.84 0.50 -0.72	14.29 0.59 0.00	-28.17 0.26 33.64	15.23 0.66 0.00	14.18 0.63 0.00	15.05 0.61 0.00	13.94 0.55 0.00	15.48 0.63 0.00	18.06 0.83 0.00	18.27 0.89 0.00	22.41 1.12 -0.02	22.99 1.13 0.00	27.87 1.36 -1.19	135.72 6.29 0.00	36.35 1.65 -2.60	29.77 1.09 -7.90	22.62 0.81 -6.51	22.04 1.01 0.00	21.03 0.76 0.00
CPV_VALLEY___CC2 323722	3.52 0.19 0.34	9.62 0.24 -4.10	6.69 0.17 -3.00	8.99 0.36 -1.07	7.11 0.29 -0.50	11.84 0.50 -0.72	14.29 0.59 0.00	-28.17 0.26 33.64	15.23 0.66 0.00	14.18 0.63 0.00	15.05 0.61 0.00	13.94 0.55 0.00	15.48 0.63 0.00	18.06 0.83 0.00	18.27 0.89 0.00	22.41 1.12 -0.02	22.99 1.13 0.00	27.87 1.36 -1.19	135.72 6.29 0.00	36.35 1.65 -2.60	29.77 1.09 -7.90	22.62 0.81 -6.51	22.04 1.01 0.00	21.03 0.76 0.00
CRESCENT___HYD 24018	7.94 0.12 -4.14	12.53 0.18 -7.08	8.83 0.12 -5.18	9.65 0.25 -1.84	7.39 0.21 -0.87	12.21 0.35 -1.24	14.08 0.38 0.00	20.13 0.20 -14.72	15.05 0.48 0.00	13.93 0.38 0.00	14.75 0.30 0.00	13.67 0.28 0.00	15.17 0.32 0.00	17.67 0.45 0.00	17.90 0.52 0.00	22.09 0.78 -0.03	22.67 0.81 0.00	28.28 0.97 -1.99	134.34 4.92 0.00	37.70 1.25 -4.35	34.81 0.82 -13.21	26.76 0.57 -10.89	21.67 0.64 0.00	20.67 0.40 0.00
CRICKET___VALLEY_CC1 323756	8.27 0.18 -4.41	11.46 0.24 -5.95	8.04 0.16 -4.35	9.45 0.34 -1.54	7.33 0.29 -0.73	12.15 0.48 -1.04	14.24 0.55 0.00	32.79 0.27 -27.31	15.23 0.66 0.00	14.15 0.60 0.00	14.99 0.55 0.00	13.88 0.50 0.00	15.39 0.54 0.00	17.96 0.74 0.00	18.18 0.81 0.00	22.32 1.01 -0.03	22.93 1.06 0.00	28.29 1.29 -1.68	135.45 6.03 0.00	37.39 1.64 -3.66	32.99 1.09 -11.13	25.24 0.78 -9.17	21.92 0.89 0.00	20.84 0.58 0.00
CRICKET___VALLEY_CC2 323757	8.27 0.18 -4.41	11.46 0.24 -5.95	8.04 0.16 -4.35	9.45 0.34 -1.54	7.33 0.29 -0.73	12.15 0.48 -1.04	14.24 0.55 0.00	32.79 0.27 -27.31	15.23 0.66 0.00	14.15 0.60 0.00	14.99 0.55 0.00	13.88 0.50 0.00	15.39 0.54 0.00	17.96 0.74 0.00	18.18 0.81 0.00	22.32 1.01 -0.03	22.93 1.06 0.00	28.29 1.29 -1.68	135.45 6.03 0.00	37.39 1.64 -3.66	32.99 1.09 -11.13	25.24 0.78 -9.17	21.92 0.89 0.00	20.84 0.58 0.00
CRICKET___VALLEY_CC3 323758	8.27 0.18 -4.41	11.46 0.24 -5.95	8.04 0.16 -4.35	9.45 0.34 -1.54	7.33 0.29 -0.73	12.15 0.48 -1.04	14.24 0.55 0.00	32.79 0.27 -27.31	15.23 0.66 0.00	14.15 0.60 0.00	14.99 0.55 0.00	13.88 0.50 0.00	15.39 0.54 0.00	17.96 0.74 0.00	18.18 0.81 0.00	22.32 1.01 -0.03	22.93 1.06 0.00	28.29 1.29 -1.68	135.45 6.03 0.00	37.39 1.64 -3.66	32.99 1.09 -11.13	25.24 0.78 -9.17	21.92 0.89 0.00	20.84 0.58 0.00
CRUCIBLE_METL_DRP 24180	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.10 -0.18 -69.42	25.33 -0.03 -0.04	129.37 -0.06 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.23 -0.04 0.00
DAHOWA___HYDRO 323763	8.00 0.17 -4.15	12.68 0.24 -7.16	8.92 0.16 -5.24	9.77 0.34 -1.86	7.49 0.30 -0.87	12.41 0.53 -1.25	14.35 0.65 0.00	19.80 0.30 -14.29	15.37 0.79 0.00	14.20 0.65 0.00	15.00 0.55 0.00	13.91 0.53 0.00	15.46 0.61 0.00	18.01 0.78 0.00	18.23 0.86 0.00	22.63 1.32 -0.03	23.17 1.31 0.00	28.89 1.56 -2.01	137.64 8.22 0.00	38.57 2.08 -4.39	35.43 1.32 -13.34	27.18 0.89 -10.99	22.03 1.00 0.00	20.99 0.73 0.00
DANC___LFGE 323619	3.73 -0.10 -0.16	5.49 -0.16 -0.37	3.70 -0.10 -0.27	8.07 -0.24 -0.74	6.26 -0.21 -0.16	10.37 -0.32 -0.06	13.33 -0.37 0.00	5.09 -0.12 0.00	14.24 -0.34 0.00	13.24 -0.31 0.00	14.16 -0.29 0.00	13.17 -0.21 0.00	14.65 -0.20 0.00	16.86 -0.37 0.00	17.02 -0.36 0.00	21.16 -0.38 -0.26	56.12 -0.26 -34.53	25.41 0.09 0.00	130.48 1.06 0.00	32.29 0.20 0.00	20.90 0.12 0.00	15.30 0.00 0.00	21.05 0.02 0.00	20.44 0.17 0.00
DANSKAMMER___1 23586	6.81 0.25 -2.88	11.06 0.33 -5.46	7.74 0.22 -3.99	9.46 0.48 -1.42	7.37 0.39 -0.67	12.24 0.66 -0.96	14.50 0.81 0.00	11.61 0.36 -6.04	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.17 0.78 0.00	15.71 0.86 0.00	18.35 1.13 0.00	18.59 1.21 0.00	22.83 1.52 -0.02	23.41 1.54 0.00	28.73 1.87 -1.54	138.34 8.91 0.00	37.79 2.33 -3.37	32.53 1.52 -10.24	24.84 1.11 -8.44	22.41 1.38 0.00	21.32 1.06 0.00
DANSKAMMER___2 23589	6.81 0.25 -2.88	11.06 0.33 -5.46	7.74 0.22 -3.99	9.46 0.48 -1.42	7.37 0.39 -0.67	12.24 0.66 -0.96	14.50 0.81 0.00	11.61 0.36 -6.04	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.17 0.78 0.00	15.71 0.86 0.00	18.35 1.13 0.00	18.59 1.21 0.00	22.83 1.52 -0.02	23.41 1.54 0.00	28.73 1.87 -1.54	138.34 8.91 0.00	37.79 2.33 -3.37	32.53 1.52 -10.24	24.84 1.11 -8.44	22.41 1.38 0.00	21.32 1.06 0.00
DANSKAMMER___3 23590	6.81 0.25 -2.88	11.06 0.33 -5.46	7.74 0.22 -3.99	9.46 0.48 -1.42	7.37 0.39 -0.67	12.24 0.66 -0.96	14.50 0.81 0.00	11.61 0.36 -6.04	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.17 0.78 0.00	15.71 0.86 0.00	18.35 1.13 0.00	18.59 1.21 0.00	22.83 1.52 -0.02	23.41 1.54 0.00	28.73 1.87 -1.54	138.34 8.91 0.00	37.79 2.33 -3.37	32.53 1.52 -10.24	24.84 1.11 -8.44	22.41 1.38 0.00	21.32 1.06 0.00
DANSKAMMER___4 23591	6.81 0.25 -2.88	11.06 0.33 -5.46	7.74 0.22 -3.99	9.46 0.48 -1.42	7.37 0.39 -0.67	12.24 0.66 -0.96	14.50 0.81 0.00	11.61 0.36 -6.04	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.17 0.78 0.00	15.71 0.86 0.00	18.35 1.13 0.00	18.59 1.21 0.00	22.83 1.52 -0.02	23.41 1.54 0.00	28.73 1.87 -1.54	138.34 8.91 0.00	37.79 2.33 -3.37	32.53 1.52 -10.24	24.84 1.11 -8.44	22.41 1.38 0.00	21.32 1.06 0.00
DANSKAMMER___DIESEL 23592	6.81 0.25 -2.88	11.06 0.33 -5.46	7.74 0.22 -3.99	9.46 0.48 -1.42	7.37 0.39 -0.67	12.24 0.66 -0.96	14.50 0.81 0.00	11.61 0.36 -6.04	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.17 0.79 0.00	15.71 0.86 0.00	18.35 1.13 0.00	18.59 1.22 0.00	22.83 1.52 -0.02	23.41 1.55 0.00	28.73 1.87 -1.54	138.38 8.96 0.00	37.80 2.33 -3.37	32.53 1.52 -10.24	24.84 1.11 -8.44	22.41 1.38 0.00	21.32 1.06 0.00

DARBY___SOLAR 323810	7.99 0.17 -4.15	12.66 0.24 -7.15	8.91 0.15 -5.23	9.75 0.33 -1.86	7.47 0.29 -0.87	12.38 0.51 -1.25	14.31 0.61 0.00	19.83 0.28 -14.34	15.31 0.74 0.00	14.16 0.61 0.00	14.98 0.53 0.00	13.89 0.50 0.00	15.42 0.58 0.00	17.96 0.74 0.00	18.19 0.81 0.00	22.54 1.22 -0.03	23.08 1.22 0.00	28.78 1.46 -2.01	137.02 7.60 0.00	38.41 1.93 -4.38	35.33 1.23 -13.33	27.12 0.84 -10.98	21.96 0.93 0.00	20.95 0.68 0.00
DASHVILLE___HYD 23610	6.80 0.21 -2.92	11.27 0.28 -5.72	7.90 0.18 -4.18	9.45 0.40 -1.48	7.34 0.33 -0.70	12.17 0.54 -1.00	14.34 0.65 0.00	11.15 0.28 -5.65	15.33 0.76 0.00	14.28 0.73 0.00	15.15 0.71 0.00	14.03 0.64 0.00	15.56 0.71 0.00	18.15 0.93 0.00	18.38 1.01 0.00	22.54 1.23 -0.02	23.09 1.23 0.00	28.45 1.52 -1.62	136.48 7.06 0.00	37.49 1.86 -3.54	32.76 1.23 -10.75	25.06 0.91 -8.86	22.15 1.12 0.00	21.08 0.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	9.06 0.41 -4.97	11.24 0.52 -5.44	7.86 0.35 -3.98	9.76 0.78 -1.41	7.60 0.62 -0.66	12.65 1.07 -0.95	14.92 1.22 0.00	45.08 0.55 -39.32	15.83 1.26 0.00	14.72 1.16 0.00	15.69 1.24 0.00	14.54 1.14 0.00	16.09 1.24 0.00	18.58 1.36 0.00	18.90 1.52 0.00	23.31 2.00 -0.02	24.22 2.35 0.00	29.71 2.85 -1.54	143.52 14.10 0.00	38.83 3.36 -3.37	33.34 2.31 -10.26	25.56 1.81 -8.45	23.43 2.40 0.00	22.08 1.81 0.00
DELAWARE___LFGE 323621	4.74 0.11 -0.95	8.02 0.16 -2.58	5.52 0.11 -1.89	8.47 0.23 -0.67	6.82 0.19 -0.31	11.37 0.29 -0.45	14.07 0.37 0.00	2.30 0.16 3.08	15.04 0.46 0.00	14.02 0.47 0.00	14.91 0.46 0.00	13.80 0.42 0.00	15.31 0.47 0.00	17.83 0.61 0.00	18.02 0.64 0.00	22.27 0.82 -0.17	43.99 0.85 -21.28	27.06 1.04 -0.70	134.35 4.93 0.00	34.87 1.25 -1.52	26.22 0.82 -4.62	19.70 0.59 -3.81	21.76 0.73 0.00	20.80 0.54 0.00
DERFIELD_115KV_TB7 355931	3.67 0.00 0.00	5.27 -0.01 0.00	3.53 0.00 0.00	7.55 -0.01 0.00	6.30 -0.01 0.00	10.62 -0.01 0.00	13.67 -0.02 0.00	5.21 -0.01 0.00	14.57 -0.01 0.00	13.54 -0.01 0.00	14.42 -0.03 0.00	13.37 -0.02 0.00	14.83 -0.01 0.00	17.21 -0.02 0.00	17.38 0.01 0.00	21.33 0.04 0.00	21.93 0.07 0.00	25.43 0.11 0.00	129.94 0.51 0.00	32.21 0.11 0.00	20.84 0.06 0.00	15.34 0.05 0.00	21.06 0.03 0.00	20.27 0.00 0.00
DOGLEVILLE___HYD 23807	3.70 0.02 0.00	5.34 0.06 0.00	3.57 0.04 0.00	7.67 0.10 0.00	6.41 0.10 0.00	10.78 0.16 0.00	13.86 0.16 0.00	5.24 0.03 0.00	14.76 0.19 0.00	13.65 0.09 0.00	14.52 0.07 0.00	13.42 0.03 0.00	14.80 -0.05 0.00	17.27 0.04 0.00	17.66 0.28 0.00	21.86 0.57 0.00	22.64 0.78 0.00	26.32 1.00 0.00	134.66 5.23 0.00	33.35 1.26 0.00	21.55 0.78 0.00	15.84 0.54 0.00	21.51 0.49 0.00	20.44 0.18 0.00
DUNKIRK___115KV_TB_200 55889	3.91 -0.17 -0.41	4.60 -0.19 0.48	4.02 -0.19 -0.68	3.39 -0.33 3.85	3.30 -0.27 2.75	9.29 -0.60 0.73	13.04 -0.66 0.00	-0.40 -0.37 5.24	10.93 -0.53 3.11	13.15 -0.40 0.00	14.24 -0.20 0.00	13.15 -0.23 0.00	14.70 -0.15 0.00	16.76 -0.46 0.00	16.53 -0.81 0.04	13.08 -1.10 7.11	49.64 -1.36 -29.14	16.86 -1.08 7.39	123.79 -5.64 0.00	30.63 -1.61 -0.15	19.97 -1.12 -0.31	14.74 -0.79 -0.23	20.28 -0.75 0.00	19.80 -0.47 0.00
DUNKIRK___1 23563	3.91 -0.17 -0.41	4.60 -0.19 0.48	4.02 -0.19 -0.68	3.39 -0.33 3.85	3.30 -0.27 2.75	9.29 -0.60 0.73	13.04 -0.66 0.00	-0.40 -0.37 5.24	10.93 -0.53 3.11	13.15 -0.40 0.00	14.24 -0.20 0.00	13.15 -0.23 0.00	14.70 -0.15 0.00	16.76 -0.46 0.00	16.53 -0.81 0.04	13.08 -1.10 7.11	49.64 -1.36 -29.14	16.86 -1.08 7.39	123.79 -5.64 0.00	30.63 -1.61 -0.15	19.97 -1.12 -0.31	14.74 -0.79 -0.23	20.28 -0.75 0.00	19.80 -0.47 0.00
DUNKIRK___2 23564	3.91 -0.17 -0.41	4.60 -0.19 0.48	4.02 -0.19 -0.68	3.39 -0.33 3.85	3.30 -0.27 2.75	9.29 -0.60 0.73	13.04 -0.66 0.00	-0.40 -0.37 5.24	10.93 -0.53 3.11	13.15 -0.40 0.00	14.24 -0.20 0.00	13.15 -0.23 0.00	14.70 -0.15 0.00	16.76 -0.46 0.00	16.53 -0.81 0.04	13.08 -1.10 7.11	49.64 -1.36 -29.14	16.86 -1.08 7.39	123.79 -5.64 0.00	30.63 -1.61 -0.15	19.97 -1.12 -0.31	14.74 -0.79 -0.23	20.28 -0.75 0.00	19.80 -0.47 0.00
DUNKIRK___3 23565	3.92 -0.17 -0.41	4.55 -0.18 0.55	4.03 -0.18 -0.68	3.20 -0.31 4.06	3.16 -0.25 2.90	9.28 -0.57 0.77	13.07 -0.63 0.00	-0.67 -0.36 5.52	10.79 -0.52 3.27	13.17 -0.38 0.00	14.26 -0.19 0.00	13.17 -0.21 0.00	14.72 -0.13 0.00	16.79 -0.44 0.00	16.55 -0.79 0.04	12.71 -1.07 7.50	48.55 -1.35 -28.04	16.44 -1.09 7.79	123.71 -5.71 0.00	30.63 -1.62 -0.15	19.98 -1.10 -0.30	14.75 -0.77 -0.22	20.31 -0.72 0.00	19.81 -0.46 0.00
DUNKIRK___4 23566	3.90 -0.18 -0.40	4.40 -0.21 0.67	4.00 -0.19 -0.66	2.85 -0.34 4.37	2.92 -0.28 3.11	9.16 -0.62 0.84	13.01 -0.68 0.00	-1.07 -0.38 5.90	10.52 -0.56 3.50	13.12 -0.43 0.00	14.21 -0.23 0.00	13.14 -0.25 0.00	14.68 -0.17 0.00	16.73 -0.49 0.00	16.47 -0.87 0.04	12.05 -1.17 8.07	46.69 -1.45 -26.28	15.78 -1.18 8.36	123.49 -5.94 0.00	30.52 -1.72 -0.15	19.88 -1.18 -0.28	14.68 -0.82 -0.21	20.25 -0.78 0.00	19.77 -0.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	8.91 0.26 -4.98	11.05 0.34 -5.44	7.74 0.23 -3.98	9.48 0.49 -1.41	7.38 0.40 -0.66	12.27 0.69 -0.95	14.52 0.82 0.00	45.02 0.37 -39.44	15.48 0.91 0.00	14.40 0.85 0.00	15.28 0.84 0.00	14.16 0.77 0.00	15.70 0.85 0.00	18.34 1.12 0.00	18.56 1.18 0.00	22.78 1.47 -0.02	23.37 1.51 0.00	28.64 1.78 -1.54	137.67 8.24 0.00	37.63 2.16 -3.37	32.46 1.44 -10.25	24.82 1.08 -8.45	22.40 1.37 0.00	21.28 1.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	5.35 0.22 -1.45	10.64 0.29 -5.07	7.44 0.20 -3.71	9.31 0.43 -1.32	7.28 0.35 -0.62	12.11 0.60 -0.89	14.42 0.72 0.00	-7.32 0.32 12.85	15.39 0.82 0.00	14.32 0.77 0.00	15.20 0.75 0.00	14.07 0.68 0.00	15.61 0.76 0.00	18.23 1.00 0.00	18.46 1.08 0.00	22.65 1.34 -0.02	23.23 1.37 0.00	28.42 1.66 -1.44	137.22 7.79 0.00	37.29 2.03 -3.15	31.70 1.33 -9.59	24.18 0.98 -7.90	22.25 1.22 0.00	21.20 0.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	8.92 0.27 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.53 -1.41	7.40 0.43 -0.66	12.31 0.73 -0.95	14.57 0.87 0.00	45.02 0.40 -39.41	15.53 0.95 0.00	14.41 0.86 0.00	15.25 0.81 0.00	14.17 0.78 0.00	15.73 0.88 0.00	18.38 1.15 0.00	18.59 1.22 0.00	22.82 1.51 -0.02	23.42 1.56 0.00	28.66 1.79 -1.54	137.61 8.19 0.00	37.67 2.21 -3.37	32.50 1.47 -10.25	24.84 1.10 -8.45	22.40 1.37 0.00	21.28 1.02 0.00
E179THST_13_KV_LOAD 356214	8.93 0.28 -4.98	11.09 0.38 -5.44	7.76 0.26 -3.98	9.53 0.55 -1.41	7.43 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	45.04 0.42 -39.41	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.23 0.84 0.00	15.80 0.95 0.00	18.45 1.23 0.00	18.68 1.30 0.00	22.92 1.62 -0.02	23.52 1.66 0.00	28.78 1.92 -1.54	138.26 8.83 0.00	37.83 2.36 -3.37	32.60 1.57 -10.25	24.91 1.17 -8.45	22.49 1.46 0.00	21.37 1.10 0.00

EAST HAMPTON___GT 23717	9.09 0.45 -4.97	11.29 0.57 -5.44	7.89 0.39 -3.98	9.83 0.85 -1.41	7.66 0.69 -0.66	12.76 1.18 -0.95	15.07 1.37 0.00	45.14 0.60 -39.32	16.00 1.43 0.00	14.87 1.32 0.00	15.76 1.31 0.00	14.64 1.25 0.00	16.25 1.40 0.00	18.77 1.54 0.00	19.08 1.70 0.00	23.53 2.22 -0.02	24.46 2.60 0.00	30.02 3.16 -1.54	145.12 15.70 0.00	39.24 3.77 -3.37	33.59 2.56 -10.26	25.73 1.99 -8.45	23.65 2.62 0.00	22.28 2.01 0.00
EAST RIVER___6 23660	8.94 0.30 -4.98	11.10 0.39 -5.44	7.76 0.26 -3.98	9.54 0.56 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.62 0.93 0.00	45.04 0.42 -39.41	15.61 1.03 0.00	14.52 0.97 0.00	15.38 0.94 0.00	14.26 0.88 0.00	15.83 0.98 0.00	18.51 1.28 0.00	18.72 1.34 0.00	22.96 1.65 -0.02	23.53 1.66 0.00	28.81 1.94 -1.54	138.30 8.88 0.00	37.83 2.36 -3.37	32.58 1.56 -10.25	24.91 1.17 -8.45	22.51 1.48 0.00	21.36 1.09 0.00
EAST RIVER___7 23524	8.94 0.30 -4.98	11.10 0.39 -5.44	7.76 0.26 -3.98	9.54 0.56 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.62 0.93 0.00	45.04 0.42 -39.41	15.61 1.03 0.00	14.52 0.97 0.00	15.38 0.94 0.00	14.26 0.88 0.00	15.83 0.98 0.00	18.51 1.28 0.00	18.72 1.34 0.00	22.96 1.65 -0.02	23.53 1.66 0.00	28.81 1.94 -1.54	138.30 8.88 0.00	37.83 2.36 -3.37	32.58 1.56 -10.25	24.91 1.17 -8.45	22.51 1.48 0.00	21.36 1.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	8.95 0.25 -5.03	11.00 0.33 -5.40	7.70 0.22 -3.95	9.44 0.48 -1.40	7.36 0.39 -0.66	12.23 0.66 -0.94	14.48 0.78 0.00	46.04 0.36 -40.48	15.45 0.87 0.00	14.37 0.82 0.00	15.24 0.79 0.00	14.12 0.73 0.00	15.67 0.82 0.00	18.30 1.07 0.00	18.52 1.15 0.00	22.73 1.42 -0.02	23.32 1.46 0.00	28.58 1.72 -1.53	137.42 7.99 0.00	37.54 2.10 -3.35	32.35 1.39 -10.18	24.73 1.04 -8.39	22.34 1.31 0.00	21.23 0.97 0.00
EAST_HAMPTON___DIESEL 23722	9.09 0.45 -4.97	11.29 0.57 -5.44	7.89 0.39 -3.98	9.83 0.85 -1.41	7.67 0.69 -0.66	12.76 1.18 -0.95	15.07 1.37 0.00	45.13 0.60 -39.32	16.00 1.43 0.00	14.87 1.32 0.00	15.76 1.31 0.00	14.64 1.25 0.00	16.25 1.40 0.00	18.77 1.54 0.00	19.08 1.71 0.00	23.53 2.23 -0.02	24.46 2.60 0.00	30.02 3.16 -1.54	145.12 15.70 0.00	39.24 3.77 -3.37	33.59 2.56 -10.26	25.73 1.99 -8.45	23.65 2.62 0.00	22.28 2.02 0.00
EAST_PULASKI___ESR 323781	3.83 -0.04 -0.19	5.64 -0.06 -0.42	3.80 -0.04 -0.31	7.58 -0.09 -0.11	6.28 -0.09 -0.05	10.56 -0.14 -0.07	13.55 -0.15 0.00	5.17 -0.04 0.00	14.48 -0.09 0.00	13.45 -0.10 0.00	14.39 -0.06 0.00	13.36 -0.03 0.00	14.86 0.01 0.00	17.12 -0.11 0.00	17.25 -0.13 0.00	21.45 -0.14 -0.31	63.13 -0.17 -41.43	25.44 0.11 0.00	130.57 1.15 0.00	32.34 0.24 0.00	20.90 0.13 0.00	15.33 0.04 0.00	21.07 0.04 0.00	20.40 0.13 0.00
EAST_RIVER___1 323558	8.94 0.28 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	45.03 0.41 -39.41	15.58 1.00 0.00	14.48 0.93 0.00	15.37 0.93 0.00	14.24 0.85 0.00	15.79 0.94 0.00	18.47 1.25 0.00	18.68 1.31 0.00	22.92 1.61 -0.02	23.49 1.62 0.00	28.76 1.89 -1.54	138.06 8.64 0.00	37.78 2.31 -3.37	32.55 1.53 -10.25	24.90 1.16 -8.45	22.51 1.48 0.00	21.37 1.10 0.00
EAST_RIVER___2 323559	8.94 0.30 -4.98	11.10 0.39 -5.44	7.76 0.26 -3.98	9.54 0.56 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.62 0.93 0.00	45.04 0.42 -39.41	15.61 1.03 0.00	14.52 0.97 0.00	15.38 0.94 0.00	14.26 0.88 0.00	15.83 0.98 0.00	18.51 1.28 0.00	18.72 1.34 0.00	22.96 1.65 -0.02	23.53 1.66 0.00	28.81 1.94 -1.54	138.30 8.88 0.00	37.83 2.36 -3.37	32.58 1.56 -10.25	24.91 1.17 -8.45	22.51 1.48 0.00	21.36 1.09 0.00
EAST___DELAWARE_HYD 23607	5.51 0.27 -1.56	10.28 0.36 -4.65	7.17 0.25 -3.40	9.30 0.52 -1.21	7.31 0.43 -0.57	12.17 0.73 -0.81	14.62 0.93 0.00	-2.34 0.40 7.94	15.62 1.04 0.00	14.52 0.97 0.00	15.41 0.97 0.00	14.23 0.84 0.00	15.77 0.92 0.00	18.45 1.22 0.00	18.66 1.29 0.00	22.92 1.62 -0.02	23.47 1.60 0.00	28.73 2.08 -1.33	139.56 10.13 0.00	37.61 2.60 -2.91	31.33 1.70 -8.86	23.83 1.23 -7.30	22.60 1.57 0.00	21.53 1.27 0.00
EIGHT_POINT___WT_PWR 323820	3.98 -0.19 -0.49	10.45 -0.16 -5.33	4.15 -0.18 -0.80	19.93 -0.30 -12.66	14.88 -0.23 -8.79	12.87 -0.64 -2.89	12.87 -0.84 -0.01	20.65 -0.42 -15.86	23.22 -0.79 -9.43	12.65 -0.90 0.00	13.64 -0.81 0.00	12.59 -0.80 0.00	14.07 -0.78 0.00	16.06 -1.17 0.00	16.15 -1.34 -0.11	43.43 -1.42 -23.56	128.54 -1.46 -108.13	47.52 -1.09 -23.29	125.01 -4.41 0.00	30.89 -1.38 -0.18	20.80 -0.95 -0.98	15.45 -0.72 -0.88	20.31 -0.72 0.00	19.90 -0.37 0.00
ELBRIDGE_115KV_TB2 80188	3.90 -0.04 -0.26	5.82 -0.04 -0.58	3.92 -0.04 -0.43	7.64 -0.08 -0.15	6.33 -0.06 -0.07	10.62 -0.10 -0.10	13.58 -0.12 0.00	5.15 -0.06 0.00	14.47 -0.10 0.00	13.42 -0.13 0.00	14.34 -0.10 0.00	13.27 -0.11 0.00	14.75 -0.10 0.00	17.05 -0.17 0.00	17.14 -0.24 0.00	21.61 -0.32 -0.65	108.28 -0.41 -86.82	25.07 -0.30 -0.04	128.05 -1.38 0.00	31.81 -0.38 -0.09	20.79 -0.28 -0.29	15.33 -0.20 -0.23	20.72 -0.31 0.00	20.03 -0.24 0.00
ELEC_TRO_TEK 24086	8.92 0.28 -4.97	11.07 0.35 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.40 0.42 -0.66	12.30 0.72 -0.95	14.50 0.80 0.00	44.91 0.38 -39.32	15.43 0.85 0.00	14.36 0.81 0.00	15.34 0.90 0.00	14.19 0.80 0.00	15.66 0.82 0.00	18.26 1.03 0.00	18.54 1.17 0.00	22.77 1.47 -0.02	23.48 1.62 0.00	28.74 1.88 -1.54	137.85 8.43 0.00	37.64 2.17 -3.37	32.56 1.53 -10.26	24.97 1.19 -8.49	22.57 1.53 -0.01	21.35 1.08 0.00
ELLENBURG_WT_PWR 323604	3.52 -0.16 0.00	5.03 -0.24 0.00	3.38 -0.15 0.00	-14.79 -0.33 22.03	2.09 -0.21 4.02	10.45 -0.17 0.00	13.52 -0.18 0.00	5.08 -0.13 0.00	14.36 -0.22 0.00	13.23 -0.32 0.00	14.14 -0.30 0.00	13.13 -0.25 0.00	14.47 -0.38 0.00	16.89 -0.33 0.00	17.00 -0.38 0.00	20.97 -0.32 0.00	21.62 -0.24 0.00	25.11 -0.22 0.00	131.61 2.18 0.00	32.86 0.76 0.00	21.13 0.36 0.00	15.42 0.12 0.00	21.07 0.04 0.00	20.33 0.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	3.84 -0.23 -0.39	4.22 -0.29 0.77	3.93 -0.23 -0.64	2.56 -0.44 4.57	2.70 -0.37 3.25	8.99 -0.75 0.89	12.86 -0.84 0.00	-1.38 -0.44 6.14	10.19 -0.75 3.64	12.93 -0.62 0.00	14.02 -0.43 0.00	12.98 -0.41 0.00	14.51 -0.34 0.00	16.49 -0.74 0.00	16.17 -1.16 0.04	11.30 -1.56 8.42	42.08 -1.89 -22.11	14.91 -1.69 8.72	121.35 -8.07 0.00	29.89 -2.35 -0.14	19.48 -1.56 -0.26	14.42 -1.06 -0.19	19.97 -1.06 0.00	19.52 -0.74 0.00
EMPIRE_CC_1 323656	7.91 0.09 -4.15	12.15 0.11 -6.76	8.57 0.09 -4.94	9.50 0.18 -1.76	7.29 0.15 -0.83	12.04 0.23 -1.18	13.87 0.18 0.00	22.88 0.13 -17.54	14.83 0.25 0.00	13.73 0.18 0.00	14.55 0.10 0.00	13.49 0.10 0.00	14.96 0.11 0.00	17.43 0.21 0.00	17.68 0.30 0.00	21.75 0.44 -0.03	22.32 0.46 0.00	27.77 0.56 -1.89	132.14 2.72 0.00	36.94 0.71 -4.13	33.80 0.47 -12.55	25.96 0.32 -10.34	21.34 0.31 0.00	20.37 0.10 0.00

EMPIRE_CC_2 323658	7.91 0.09 -4.15	12.15 0.11 -6.76	8.57 0.09 -4.94	9.50 0.18 -1.76	7.29 0.15 -0.83	12.04 0.23 -1.18	13.87 0.18 0.00	22.88 0.13 -17.54	14.83 0.25 0.00	13.73 0.18 0.00	14.55 0.10 0.00	13.49 0.10 0.00	14.96 0.11 0.00	17.43 0.21 0.00	17.68 0.30 0.00	21.75 0.44 -0.03	22.32 0.46 0.00	27.77 0.56 -1.89	132.14 2.72 0.00	36.94 0.71 -4.13	33.80 0.47 -12.55	25.96 0.32 -10.34	21.34 0.31 0.00	20.37 0.10 0.00
ENORWICH_115KV_TB1 80156	4.59 0.14 -0.77	7.45 0.23 -1.94	4.93 0.13 -1.26	8.94 0.30 -1.07	7.22 0.26 -0.65	11.55 0.48 -0.44	14.39 0.69 0.00	6.27 0.27 -0.80	15.85 0.80 -0.47	14.13 0.58 0.00	15.11 0.67 0.00	13.96 0.57 0.00	15.59 0.74 0.00	18.12 0.89 0.00	18.26 0.88 -0.01	24.26 1.19 -1.78	82.64 1.26 -59.51	28.76 1.80 -1.64	138.77 9.34 0.00	34.97 2.26 -0.61	23.92 1.27 -1.88	17.59 0.75 -1.55	21.99 0.96 0.00	21.09 0.82 0.00
ERIE_ST__34_KV_TB1-2 80199	3.92 -0.15 -0.40	4.58 -0.18 0.52	4.02 -0.17 -0.66	3.37 -0.28 3.91	3.29 -0.23 2.79	9.36 -0.52 0.75	13.15 -0.55 0.00	-0.43 -0.32 5.31	11.03 -0.39 3.15	13.25 -0.30 0.00	14.36 -0.09 0.00	13.30 -0.09 0.00	14.86 0.02 0.00	16.91 -0.32 0.00	16.62 -0.72 0.04	13.04 -1.02 7.22	49.91 -1.33 -29.38	16.77 -1.05 7.51	124.62 -4.81 0.00	30.71 -1.53 -0.15	20.05 -1.03 -0.30	14.83 -0.68 -0.22	20.45 -0.58 0.00	19.95 -0.31 0.00
ERIE_WT_PWR 323693	3.86 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.39 4.37	2.88 -0.33 3.11	9.11 -0.68 0.84	12.94 -0.75 0.00	-1.10 -0.42 5.89	10.45 -0.64 3.49	13.03 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.03 0.04	11.87 -1.36 8.06	48.05 -1.65 -27.84	15.51 -1.46 8.35	122.57 -6.86 -0.01	30.18 -2.06 -0.15	19.68 -1.38 -0.28	14.57 -0.93 -0.20	20.14 -0.90 0.00	19.65 -0.61 0.00
ESPRGFLD_115KV_TB1 80157	4.79 0.15 -0.96	8.10 0.21 -2.61	5.57 0.14 -1.91	8.54 0.30 -0.68	6.88 0.25 -0.32	11.49 0.41 -0.46	14.24 0.54 0.00	2.33 0.23 3.12	15.23 0.66 0.00	14.21 0.66 0.00	15.10 0.65 0.00	13.99 0.60 0.00	15.53 0.68 0.00	18.08 0.85 0.00	18.26 0.88 0.00	22.54 1.10 -0.16	42.72 1.15 -19.71	27.46 1.42 -0.71	136.47 7.05 0.00	35.44 1.78 -1.56	26.67 1.15 -4.75	19.99 0.79 -3.91	22.00 0.97 0.00	21.02 0.76 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	4.25 0.04 -0.53	6.91 0.07 -1.56	4.43 0.03 -0.87	9.03 0.08 -1.37	7.28 0.07 -0.89	11.18 0.12 -0.44	13.88 0.18 0.00	6.64 0.06 -1.36	15.61 0.23 -0.81	13.66 0.11 0.00	14.63 0.19 0.00	13.51 0.13 0.00	15.03 0.18 0.00	17.35 0.13 0.00	17.46 0.07 -0.01	24.10 0.09 -2.73	97.64 0.01 -75.77	27.92 0.28 -2.32	131.08 1.66 0.00	32.72 0.39 -0.23	21.70 0.19 -0.73	16.00 0.10 -0.61	21.15 0.11 0.00	20.42 0.15 0.00
ETNA____115KV_TB2 80207	4.25 0.04 -0.53	6.91 0.07 -1.56	4.43 0.03 -0.87	9.03 0.08 -1.37	7.28 0.07 -0.89	11.18 0.12 -0.44	13.88 0.18 0.00	6.64 0.06 -1.36	15.61 0.23 -0.81	13.66 0.11 0.00	14.63 0.19 0.00	13.51 0.13 0.00	15.03 0.18 0.00	17.35 0.13 0.00	17.46 0.07 -0.01	24.10 0.09 -2.73	97.64 0.01 -75.77	27.92 0.28 -2.32	131.08 1.66 0.00	32.72 0.39 -0.23	21.70 0.19 -0.73	16.00 0.10 -0.61	21.15 0.11 0.00	20.42 0.15 0.00
EUCLID__115KV_TB2 356179	3.82 -0.06 -0.21	5.66 -0.08 -0.47	3.81 -0.06 -0.34	7.56 -0.12 -0.12	6.26 -0.10 -0.06	10.52 -0.19 -0.08	13.47 -0.23 0.00	5.12 -0.09 0.00	14.37 -0.21 0.00	13.34 -0.21 0.00	14.26 -0.19 0.00	13.21 -0.18 0.00	14.67 -0.18 0.00	16.95 -0.27 0.00	17.07 -0.31 0.00	21.21 -0.40 -0.32	64.84 -0.46 -43.44	24.95 -0.40 -0.03	127.38 -2.04 0.00	31.64 -0.53 -0.07	20.64 -0.36 -0.23	15.21 -0.27 -0.19	20.65 -0.38 0.00	19.97 -0.29 0.00
E_CANADA_CAP_HY 24051	7.90 0.07 -4.15	12.63 0.12 -7.23	8.90 0.08 -5.29	9.61 0.17 -1.88	7.37 0.17 -0.88	12.22 0.32 -1.27	14.17 0.47 0.00	19.34 0.22 -13.92	15.08 0.50 0.00	13.90 0.35 0.00	14.65 0.21 0.00	13.65 0.26 0.00	15.25 0.40 0.00	17.68 0.45 0.00	17.86 0.48 0.00	21.86 0.54 -0.03	22.46 0.60 0.00	28.08 0.73 -2.02	133.55 4.13 0.00	37.57 1.05 -4.42	34.94 0.72 -13.44	26.76 0.39 -11.08	21.66 0.63 0.00	21.09 0.82 0.00
E_CANADA_MHWK_HY 24050	3.70 0.02 0.00	5.34 0.06 0.00	3.57 0.04 0.00	7.67 0.10 0.00	6.41 0.10 0.00	10.78 0.16 0.00	13.86 0.16 0.00	5.24 0.03 0.00	14.76 0.19 0.00	13.65 0.09 0.00	14.52 0.07 0.00	13.42 0.03 0.00	14.80 -0.05 0.00	17.27 0.04 0.00	17.66 0.28 0.00	21.86 0.57 0.00	22.64 0.78 0.00	26.32 1.00 0.00	134.66 5.23 0.00	33.35 1.26 0.00	21.55 0.78 0.00	15.84 0.54 0.00	21.51 0.49 0.00	20.44 0.18 0.00
E_FISHKILL__LBMP 23776	8.39 0.22 -4.50	11.36 0.29 -5.79	7.96 0.20 -4.23	9.49 0.42 -1.50	7.37 0.34 -0.71	12.22 0.58 -1.01	14.38 0.68 0.00	35.09 0.31 -29.56	15.35 0.78 0.00	14.27 0.72 0.00	15.14 0.69 0.00	14.02 0.63 0.00	15.54 0.70 0.00	18.15 0.92 0.00	18.37 1.00 0.00	22.56 1.25 -0.02	23.16 1.29 0.00	28.49 1.54 -1.63	136.53 7.11 0.00	37.56 1.88 -3.57	32.90 1.25 -10.87	25.18 0.93 -8.96	22.17 1.14 0.00	21.07 0.81 0.00
FALCON__SEABRD_CC1 323796	3.56 -0.12 0.00	5.09 -0.19 0.00	3.42 -0.11 0.00	-14.91 -0.25 22.23	2.11 -0.15 4.05	10.55 -0.07 0.00	13.65 -0.05 0.00	5.14 -0.07 0.00	14.55 -0.03 0.00	13.38 -0.17 0.00	14.32 -0.13 0.00	13.31 -0.07 0.00	14.65 -0.19 0.00	17.11 -0.12 0.00	17.23 -0.14 0.00	21.26 -0.02 0.00	21.94 0.07 0.00	25.42 0.10 0.00	133.26 3.83 0.00	33.31 1.21 0.00	21.42 0.65 0.00	15.65 0.35 0.00	21.32 0.29 0.00	20.55 0.29 0.00
FALCON__SEABRD_CC2 323797	3.56 -0.12 0.00	5.09 -0.19 0.00	3.42 -0.11 0.00	-14.91 -0.25 22.23	2.11 -0.15 4.05	10.55 -0.07 0.00	13.65 -0.05 0.00	5.14 -0.07 0.00	14.55 -0.03 0.00	13.38 -0.17 0.00	14.32 -0.13 0.00	13.31 -0.07 0.00	14.65 -0.19 0.00	17.11 -0.12 0.00	17.23 -0.14 0.00	21.26 -0.02 0.00	21.94 0.07 0.00	25.42 0.10 0.00	133.26 3.83 0.00	33.31 1.21 0.00	21.42 0.65 0.00	15.65 0.35 0.00	21.32 0.29 0.00	20.55 0.29 0.00
FAR ROCKAWAY__4 23548	8.97 0.32 -4.97	11.13 0.42 -5.44	7.79 0.29 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.85 -0.95	14.66 0.96 0.00	44.97 0.44 -39.32	15.59 1.02 0.00	14.51 0.96 0.00	15.51 1.07 0.00	14.34 0.96 0.00	15.76 0.92 0.00	18.38 1.16 0.00	18.67 1.29 0.00	22.95 1.64 -0.02	23.68 1.82 0.00	28.94 2.08 -1.54	138.87 9.45 0.00	37.91 2.44 -3.37	32.76 1.73 -10.26	25.19 1.35 -8.55	22.87 1.81 -0.03	21.61 1.34 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	45.03 0.41 -39.41	15.58 1.00 0.00	14.49 0.93 0.00	15.36 0.91 0.00	14.23 0.84 0.00	15.79 0.94 0.00	18.47 1.25 0.00	18.68 1.31 0.00	22.92 1.62 -0.02	23.50 1.63 0.00	28.77 1.90 -1.54	138.11 8.69 0.00	37.78 2.31 -3.37	32.56 1.53 -10.25	24.91 1.16 -8.45	22.51 1.48 0.00	21.37 1.10 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	45.04 0.41 -39.41	15.58 1.01 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.24 0.85 0.00	15.79 0.94 0.00	18.48 1.25 0.00	18.69 1.31 0.00	22.93 1.62 -0.02	23.51 1.65 0.00	28.78 1.91 -1.54	138.17 8.75 0.00	37.81 2.34 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.38 1.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	8.93 0.28 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.42 0.44 -0.66	12.34 0.76 -0.95	14.60 0.90 0.00	45.03 0.41 -39.41	15.58 1.00 0.00	14.48 0.93 0.00	15.36 0.91 0.00	14.23 0.84 0.00	15.78 0.93 0.00	18.46 1.24 0.00	18.68 1.30 0.00	22.91 1.60 -0.02	23.49 1.63 0.00	28.75 1.89 -1.54	138.04 8.61 0.00	37.77 2.30 -3.37	32.55 1.53 -10.25	24.90 1.15 -8.45	22.50 1.48 0.00	21.36 1.10 0.00
FARRAGUT___LBMP 323566	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.42 0.44 -0.66	12.33 0.75 -0.95	14.59 0.89 0.00	45.02 0.40 -39.41	15.56 0.99 0.00	14.47 0.92 0.00	15.34 0.90 0.00	14.22 0.83 0.00	15.77 0.92 0.00	18.45 1.23 0.00	18.66 1.28 0.00	22.89 1.58 -0.02	23.47 1.60 0.00	28.73 1.87 -1.54	137.96 8.53 0.00	37.74 2.27 -3.37	32.53 1.51 -10.25	24.88 1.14 -8.45	22.49 1.46 0.00	21.35 1.08 0.00
FENNER___WINDPWR 24204	3.98 0.01 -0.29	5.95 0.02 -0.65	4.02 0.01 -0.48	7.76 0.03 -0.17	6.42 0.03 -0.08	10.81 0.07 -0.11	13.81 0.11 0.00	5.25 0.04 0.00	14.71 0.14 0.00	13.64 0.09 0.00	14.59 0.14 0.00	13.51 0.13 0.00	15.01 0.16 0.00	17.36 0.13 0.00	17.50 0.13 0.00	21.83 0.20 -0.34	68.16 0.23 -46.07	25.76 0.38 -0.05	131.75 2.32 0.00	32.75 0.55 -0.11	21.38 0.28 -0.32	15.72 0.16 -0.27	21.23 0.20 0.00	20.44 0.18 0.00
FIBERTEK___ENERGY 23856	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.10 -0.18 -69.42	25.33 -0.03 -0.04	129.37 -0.06 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.23 -0.04 0.00
FITZPATRICK____ 23598	3.72 -0.10 -0.14	5.45 -0.15 -0.32	3.66 -0.10 -0.24	7.43 -0.22 -0.08	6.17 -0.18 -0.04	10.37 -0.31 -0.06	13.30 -0.40 0.00	5.05 -0.16 0.00	14.17 -0.40 0.00	13.16 -0.39 0.00	14.06 -0.39 0.00	13.02 -0.37 0.00	14.46 -0.39 0.00	16.72 -0.50 0.00	16.79 -0.58 0.00	16.78 -0.74 3.76	-485.50 -0.79 506.57	24.49 -0.84 0.00	125.19 -4.24 0.00	31.03 -1.07 0.00	20.08 -0.70 0.00	14.78 -0.51 0.00	20.33 -0.71 0.00	19.67 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	8.98 0.34 -4.97	11.13 0.42 -5.44	7.79 0.29 -3.98	9.61 0.63 -1.41	7.47 0.49 -0.66	12.43 0.85 -0.95	14.62 0.92 0.00	44.97 0.44 -39.32	15.51 0.94 0.00	14.43 0.88 0.00	15.42 0.97 0.00	14.28 0.90 0.00	15.79 0.94 0.00	18.27 1.05 0.00	18.58 1.20 0.00	22.90 1.59 -0.02	23.75 1.89 0.00	29.07 2.21 -1.54	139.97 10.55 0.00	38.22 2.75 -3.37	33.03 2.00 -10.26	25.37 1.63 -8.45	23.19 2.16 0.00	21.85 1.59 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	7.01 0.25 -3.09	11.12 0.34 -5.51	7.78 0.23 -4.03	9.48 0.49 -1.43	7.39 0.40 -0.67	12.27 0.68 -0.96	14.53 0.83 0.00	14.52 0.37 -8.94	15.54 0.96 0.00	14.46 0.91 0.00	15.34 0.90 0.00	14.19 0.81 0.00	15.73 0.88 0.00	18.38 1.16 0.00	18.62 1.24 0.00	22.86 1.55 -0.02	23.45 1.59 0.00	28.79 1.92 -1.55	138.64 9.22 0.00	37.88 2.39 -3.40	32.66 1.56 -10.32	24.94 1.13 -8.51	22.45 1.42 0.00	21.35 1.09 0.00
FORT ORANGE____ 23900	7.82 0.09 -4.06	12.36 0.13 -6.96	8.70 0.08 -5.09	9.55 0.18 -1.81	7.32 0.15 -0.85	12.08 0.23 -1.22	13.92 0.23 0.00	19.86 0.14 -14.51	14.88 0.30 0.00	13.77 0.21 0.00	14.59 0.14 0.00	13.51 0.12 0.00	14.93 0.09 0.00	17.44 0.21 0.00	17.69 0.31 0.00	21.78 0.47 -0.03	22.41 0.55 0.00	27.97 0.70 -1.95	132.92 3.49 0.00	37.25 0.89 -4.25	34.29 0.58 -12.94	26.35 0.39 -10.66	21.42 0.39 0.00	20.43 0.17 0.00
FORT_DRUM_COGEN 23780	3.68 -0.12 -0.13	5.38 -0.19 -0.29	3.64 -0.11 -0.22	8.37 -0.28 -1.08	6.29 -0.24 -0.22	10.34 -0.33 -0.05	13.34 -0.36 0.00	5.10 -0.11 0.00	14.23 -0.34 0.00	13.26 -0.29 0.00	14.16 -0.28 0.00	13.20 -0.19 0.00	14.67 -0.18 0.00	16.87 -0.36 0.00	17.04 -0.33 0.00	21.17 -0.31 -0.20	48.22 -0.09 -26.44	25.68 0.36 0.00	132.25 2.83 0.00	32.73 0.63 0.00	21.16 0.39 0.00	15.48 0.18 0.00	21.31 0.28 0.00	20.69 0.43 0.00
FPL_FAR_ROCK_GT1 24212	8.97 0.32 -4.97	11.13 0.42 -5.44	7.79 0.29 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.85 -0.95	14.66 0.96 0.00	44.97 0.43 -39.32	15.59 1.02 0.00	14.51 0.96 0.00	15.45 1.00 0.00	14.31 0.93 0.00	15.77 0.92 0.00	18.38 1.16 0.00	18.67 1.29 0.00	22.94 1.64 -0.02	23.67 1.81 0.00	28.94 2.08 -1.54	138.83 9.40 0.00	37.91 2.44 -3.37	32.76 1.73 -10.26	25.19 1.35 -8.55	22.87 1.81 -0.03	21.61 1.35 0.00
FPL_FAR_ROCK_GT2 23815	8.97 0.32 -4.97	11.13 0.42 -5.44	7.79 0.29 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.85 -0.95	14.66 0.96 0.00	44.97 0.43 -39.32	15.59 1.02 0.00	14.51 0.96 0.00	15.45 1.00 0.00	14.31 0.93 0.00	15.77 0.92 0.00	18.38 1.16 0.00	18.67 1.29 0.00	22.94 1.64 -0.02	23.67 1.81 0.00	28.94 2.08 -1.54	138.83 9.40 0.00	37.91 2.44 -3.37	32.76 1.73 -10.26	25.19 1.35 -8.55	22.87 1.81 -0.03	21.61 1.35 0.00
FRANKLIN_FALL_HYD 24054	3.58 -0.10 0.00	5.12 -0.15 0.00	3.44 -0.09 0.00	22.38 -0.20 -15.02	8.93 -0.12 -2.74	10.55 -0.07 0.00	13.69 -0.01 0.00	5.16 -0.05 0.00	14.51 -0.07 0.00	13.43 -0.11 0.00	14.37 -0.08 0.00	13.32 -0.06 0.00	14.70 -0.14 0.00	17.10 -0.13 0.00	17.20 -0.18 0.00	21.17 -0.11 0.00	21.85 -0.02 0.00	25.35 0.03 0.00	132.34 2.92 0.00	32.96 0.86 0.00	21.24 0.46 0.00	15.52 0.22 0.00	21.24 0.21 0.00	20.51 0.25 0.00
FREEPORT_EQUS_GT1 23764	8.95 0.30 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.55 0.57 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.57 0.87 0.00	44.94 0.41 -39.32	15.50 0.92 0.00	14.42 0.87 0.00	15.33 0.89 0.00	14.21 0.82 0.00	15.67 0.82 0.00	18.31 1.09 0.00	18.60 1.23 0.00	22.86 1.55 -0.02	23.61 1.74 0.00	28.91 2.05 -1.54	138.27 8.85 0.00	37.74 2.26 -3.37	32.67 1.64 -10.26	25.09 1.31 -8.48	22.75 1.71 -0.01	21.49 1.23 0.00
FREEPORT___CT2 23818	8.95 0.30 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.55 0.57 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.57 0.87 0.00	44.94 0.41 -39.32	15.50 0.92 0.00	14.42 0.87 0.00	15.33 0.89 0.00	14.21 0.82 0.00	15.67 0.82 0.00	18.31 1.09 0.00	18.60 1.23 0.00	22.86 1.55 -0.02	23.61 1.74 0.00	28.91 2.05 -1.54	138.27 8.85 0.00	37.74 2.26 -3.37	32.67 1.64 -10.26	25.09 1.31 -8.48	22.75 1.71 -0.01	21.49 1.23 0.00

FRESHKLS_33_KV_LOAD 356253	8.91 0.26 -4.97	11.06 0.34 -5.44	7.74 0.23 -3.98	9.49 0.51 -1.41	7.38 0.41 -0.66	12.29 0.71 -0.95	14.53 0.84 0.00	15.34 0.37 -9.76	15.48 0.93 0.02	14.40 0.87 0.01	15.30 0.87 0.01	14.17 0.79 0.01	15.70 0.85 0.00	18.36 1.14 0.00	18.55 1.18 0.00	22.80 1.50 -0.02	23.40 1.54 0.00	27.39 1.75 -0.32	130.34 7.96 7.04	36.10 2.21 -1.80	29.04 1.48 -6.78	24.85 1.10 -8.45	22.44 1.41 0.00	21.31 1.05 0.00
FULTON COGEN____ 23766	3.87 -0.01 -0.21	5.72 -0.01 -0.46	3.85 -0.01 -0.34	7.66 -0.03 -0.12	6.34 -0.03 -0.06	10.66 -0.04 -0.08	13.67 -0.02 0.00	5.21 0.00 0.00	14.62 0.04 0.00	13.57 0.02 0.00	14.50 0.06 0.00	13.45 0.07 0.00	14.96 0.11 0.00	17.27 0.04 0.00	17.37 0.00 0.00	21.61 -0.01 -0.34	67.72 -0.08 -45.93	25.49 0.14 -0.03	130.48 1.06 0.00	32.41 0.23 -0.07	21.12 0.11 -0.22	15.53 0.05 -0.19	21.06 0.03 0.00	20.38 0.11 0.00
FULTON____LFGE 323630	8.01 0.18 -4.15	12.81 0.30 -7.23	9.01 0.19 -5.29	9.83 0.38 -1.88	7.56 0.36 -0.88	12.53 0.64 -1.27	14.54 0.84 0.00	19.43 0.30 -13.92	15.07 0.49 0.00	13.77 0.22 0.00	14.34 -0.11 0.00	13.63 0.25 0.00	14.92 0.08 0.00	16.90 -0.32 0.00	18.06 0.69 0.00	22.22 0.90 -0.03	23.20 1.34 0.00	29.27 1.93 -2.02	139.53 10.10 0.00	38.94 2.42 -4.42	35.76 1.54 -13.44	27.35 0.98 -11.08	22.34 1.31 0.00	21.47 1.21 0.00
G.F.CEMENT____DRP 24184	8.02 0.19 -4.15	12.72 0.27 -7.18	8.95 0.17 -5.25	9.81 0.38 -1.86	7.53 0.34 -0.88	12.50 0.62 -1.26	14.47 0.77 0.00	19.76 0.34 -14.20	15.51 0.93 0.00	14.33 0.78 0.00	15.14 0.69 0.00	14.04 0.65 0.00	15.60 0.75 0.00	18.16 0.93 0.00	18.38 1.01 0.00	22.88 1.57 -0.03	23.40 1.54 0.00	29.13 1.80 -2.01	139.04 9.61 0.00	38.95 2.46 -4.39	35.68 1.54 -13.36	27.34 1.03 -11.01	22.15 1.12 0.00	21.09 0.82 0.00
GARDENVILLE____LBMP 24039	3.86 -0.21 -0.40	4.12 -0.27 0.89	3.96 -0.22 -0.65	2.18 -0.41 4.97	2.44 -0.34 3.53	8.94 -0.71 0.98	12.91 -0.79 0.00	-1.88 -0.42 6.67	9.94 -0.69 3.95	12.98 -0.57 0.00	14.07 -0.38 0.00	13.02 -0.36 0.00	14.55 -0.29 0.00	16.55 -0.68 0.00	16.24 -1.09 0.05	10.64 -1.47 9.18	43.26 -1.78 -23.18	14.28 -1.57 9.48	122.02 -7.40 0.00	30.08 -2.16 -0.14	19.59 -1.44 -0.25	14.49 -0.99 -0.18	20.06 -0.97 0.00	19.61 -0.66 0.00
GARDNVLA_35_KV_LD 355827	3.87 -0.20 -0.40	4.42 -0.25 0.61	3.97 -0.21 -0.65	3.04 -0.39 4.14	3.04 -0.33 2.95	9.16 -0.67 0.79	12.95 -0.74 0.00	-0.80 -0.41 5.60	10.62 -0.63 3.32	13.04 -0.51 0.00	14.14 -0.30 0.00	13.08 -0.30 0.00	14.63 -0.22 0.00	16.62 -0.60 0.00	16.32 -1.02 0.04	12.26 -1.69 7.64	49.74 -1.57 -29.57	15.95 -1.45 7.92	122.68 -6.75 -0.01	30.23 -2.01 -0.15	19.72 -1.34 -0.29	14.59 -0.91 -0.21	20.16 -0.88 0.00	19.69 -0.57 0.00
GELCKHM__115KV_LOAD 80723	3.86 -0.04 -0.22	5.72 -0.05 -0.49	3.85 -0.05 -0.36	7.61 -0.09 -0.13	6.30 -0.07 -0.06	10.58 -0.14 -0.09	13.54 -0.16 0.00	5.15 -0.06 0.00	14.45 -0.13 0.00	13.41 -0.14 0.00	14.33 -0.12 0.00	13.27 -0.11 0.00	14.75 -0.10 0.00	17.05 -0.18 0.00	17.16 -0.22 0.00	21.39 -0.29 -0.39	74.35 -0.35 -52.84	25.09 -0.27 -0.04	128.16 -1.26 0.00	31.84 -0.34 -0.08	20.77 -0.24 -0.24	15.30 -0.20 -0.20	20.76 -0.28 0.00	20.07 -0.19 0.00
GENERAL____MILLS 23808	3.87 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.40 4.37	2.88 -0.33 3.11	9.10 -0.68 0.84	12.94 -0.76 0.00	-1.09 -0.41 5.89	10.43 -0.65 3.49	13.02 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.04 0.04	11.82 -1.41 8.06	47.98 -1.72 -27.84	15.49 -1.49 8.35	122.43 -7.00 -0.01	30.19 -2.06 -0.15	19.67 -1.38 -0.28	14.55 -0.94 -0.20	20.13 -0.90 0.00	19.66 -0.60 0.00
GE_PLASTICS____DRP 24183	7.82 0.09 -4.06	12.38 0.13 -6.97	8.72 0.09 -5.10	9.57 0.19 -1.81	7.32 0.16 -0.85	12.09 0.24 -1.22	13.94 0.25 0.00	19.80 0.14 -14.45	14.89 0.32 0.00	13.80 0.25 0.00	14.63 0.19 0.00	13.56 0.17 0.00	15.01 0.17 0.00	17.51 0.29 0.00	17.74 0.36 0.00	21.82 0.51 -0.03	22.42 0.56 0.00	27.97 0.70 -1.95	132.78 3.36 0.00	37.22 0.86 -4.26	34.32 0.57 -12.96	26.38 0.40 -10.68	21.45 0.42 0.00	20.48 0.21 0.00
GILBOA____1 23756	6.82 0.12 -3.03	10.89 0.18 -5.43	7.62 0.12 -3.97	9.23 0.25 -1.41	7.18 0.20 -0.66	11.88 0.30 -0.95	14.04 0.34 0.00	14.69 0.17 -9.32	14.99 0.42 0.00	13.94 0.39 0.00	14.81 0.36 0.00	13.71 0.32 0.00	15.18 0.33 0.00	17.71 0.49 0.00	17.92 0.54 0.00	22.02 0.71 -0.02	22.60 0.74 0.00	27.78 0.90 -1.56	133.46 4.04 0.00	36.52 1.02 -3.41	31.86 0.72 -10.37	24.37 0.53 -8.54	21.66 0.63 0.00	20.70 0.43 0.00
GILBOA____2 23757	6.82 0.12 -3.03	10.89 0.18 -5.43	7.62 0.12 -3.97	9.23 0.25 -1.41	7.18 0.20 -0.66	11.88 0.30 -0.95	14.04 0.34 0.00	14.69 0.17 -9.32	14.99 0.42 0.00	13.94 0.39 0.00	14.81 0.36 0.00	13.71 0.32 0.00	15.18 0.33 0.00	17.71 0.49 0.00	17.92 0.54 0.00	22.02 0.71 -0.02	22.60 0.74 0.00	27.78 0.90 -1.56	133.46 4.04 0.00	36.52 1.02 -3.41	31.86 0.72 -10.37	24.37 0.53 -8.54	21.66 0.63 0.00	20.70 0.43 0.00
GILBOA____3 23758	6.82 0.12 -3.03	10.89 0.18 -5.43	7.62 0.12 -3.97	9.23 0.25 -1.41	7.18 0.20 -0.66	11.88 0.30 -0.95	14.04 0.34 0.00	14.69 0.17 -9.32	14.99 0.42 0.00	13.94 0.39 0.00	14.81 0.36 0.00	13.71 0.32 0.00	15.18 0.33 0.00	17.71 0.49 0.00	17.92 0.54 0.00	22.02 0.71 -0.02	22.60 0.74 0.00	27.78 0.90 -1.56	133.46 4.04 0.00	36.52 1.02 -3.41	31.86 0.72 -10.37	24.37 0.53 -8.54	21.66 0.63 0.00	20.70 0.43 0.00
GILBOA____4 23759	6.82 0.12 -3.03	10.89 0.18 -5.43	7.62 0.12 -3.97	9.23 0.25 -1.41	7.18 0.20 -0.66	11.88 0.30 -0.95	14.04 0.34 0.00	14.69 0.17 -9.32	14.99 0.42 0.00	13.94 0.39 0.00	14.81 0.36 0.00	13.71 0.32 0.00	15.18 0.33 0.00	17.71 0.49 0.00	17.92 0.54 0.00	22.02 0.71 -0.02	22.60 0.74 0.00	27.78 0.90 -1.56	133.46 4.04 0.00	36.52 1.02 -3.41	31.86 0.72 -10.37	24.37 0.53 -8.54	21.66 0.63 0.00	20.70 0.43 0.00
GILBOA____ 23599	6.82 0.12 -3.03	10.89 0.18 -5.43	7.62 0.12 -3.97	9.23 0.25 -1.41	7.18 0.20 -0.66	11.88 0.30 -0.95	14.04 0.34 0.00	14.69 0.16 -9.32	14.99 0.42 0.00	13.94 0.39 0.00	14.81 0.36 0.00	13.71 0.32 0.00	15.18 0.33 0.00	17.71 0.49 0.00	17.93 0.55 0.00	22.02 0.71 -0.02	22.60 0.74 0.00	27.78 0.90 -1.56	133.41 3.99 0.00	36.52 1.01 -3.41	31.86 0.71 -10.37	24.37 0.53 -8.54	21.66 0.63 0.00	20.69 0.43 0.00
GINNA____ 23603	3.69 -0.26 -0.27	5.52 -0.37 -0.61	3.71 -0.27 -0.45	7.18 -0.55 -0.16	5.93 -0.45 -0.07	9.95 -0.78 -0.11	12.78 -0.92 0.00	4.82 -0.39 0.00	13.66 -0.92 0.00	12.72 -0.84 0.00	13.64 -0.81 0.00	12.64 -0.74 0.00	14.08 -0.77 0.00	16.16 -1.07 0.00	16.15 -1.23 0.00	19.97 -1.57 -0.26	54.82 -1.67 -34.63	23.67 -1.70 -0.05	121.22 -8.20 0.00	29.99 -2.21 -0.10	19.62 -1.46 -0.30	14.46 -1.08 -0.25	19.63 -1.40 0.00	19.01 -1.25 0.00

GLEN PARK____ 23778	3.71 -0.10 -0.14	5.43 -0.15 -0.30	3.67 -0.09 -0.22	8.37 -0.23 -1.03	6.32 -0.21 -0.21	10.42 -0.26 -0.05	13.43 -0.27 0.00	5.14 -0.07 0.00	14.35 -0.23 0.00	13.37 -0.19 0.00	14.28 -0.17 0.00	13.31 -0.08 0.00	14.77 -0.07 0.00	16.99 -0.24 0.00	17.17 -0.20 0.00	21.29 -0.20 -0.20	49.39 0.02 -27.51	25.84 0.51 0.00	133.16 3.74 0.00	32.98 0.88 0.00	21.33 0.55 0.00	15.58 0.28 0.00	21.44 0.41 0.00	20.80 0.54 0.00
GLENDALE_27_KV_LOAD 356172	8.95 0.30 -4.98	11.11 0.40 -5.44	7.77 0.26 -3.98	9.55 0.57 -1.41	7.44 0.47 -0.66	12.38 0.80 -0.95	14.67 0.97 0.00	51.80 0.44 -46.15	15.66 1.08 0.00	14.54 0.99 0.00	15.41 0.97 0.00	14.30 0.91 0.00	15.86 1.01 0.00	18.54 1.32 0.00	18.75 1.38 0.00	23.01 1.71 -0.02	23.61 1.74 0.00	28.89 2.02 -1.54	138.71 9.28 0.00	37.94 2.47 -3.37	32.66 1.64 -10.25	24.97 1.23 -8.45	22.59 1.56 0.00	21.45 1.18 0.00
GLENWOOD_IC_1_G5 23712	8.93 0.28 -4.97	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.55 0.85 0.00	44.92 0.39 -39.32	15.51 0.94 0.00	14.44 0.89 0.00	15.38 0.94 0.00	14.24 0.86 0.00	15.76 0.91 0.00	18.38 1.16 0.00	18.64 1.27 0.00	22.89 1.58 -0.02	23.56 1.69 0.00	28.83 1.97 -1.54	138.55 9.12 0.00	37.83 2.36 -3.37	32.64 1.61 -10.26	24.99 1.22 -8.47	22.59 1.55 -0.01	21.40 1.13 0.00
GLENWOOD_IC_2_G1 23688	8.92 0.27 -4.97	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.42 -0.66	12.29 0.71 -0.95	14.52 0.82 0.00	44.91 0.38 -39.32	15.48 0.90 0.00	14.41 0.85 0.00	15.30 0.86 0.00	14.18 0.79 0.00	15.71 0.87 0.00	18.34 1.11 0.00	18.58 1.20 0.00	22.81 1.50 -0.02	23.45 1.59 0.00	28.72 1.86 -1.54	137.96 8.54 0.00	37.70 2.22 -3.37	32.54 1.51 -10.26	24.90 1.15 -8.45	22.49 1.46 0.00	21.33 1.06 0.00
GLENWOOD_IC_3_G1 23689	8.92 0.27 -4.97	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.42 -0.66	12.29 0.71 -0.95	14.52 0.82 0.00	44.91 0.38 -39.32	15.48 0.90 0.00	14.41 0.85 0.00	15.30 0.86 0.00	14.18 0.79 0.00	15.71 0.87 0.00	18.34 1.11 0.00	18.58 1.20 0.00	22.81 1.50 -0.02	23.45 1.59 0.00	28.72 1.86 -1.54	137.96 8.54 0.00	37.70 2.22 -3.37	32.54 1.51 -10.26	24.90 1.15 -8.45	22.49 1.46 0.00	21.33 1.06 0.00
GLENWOOD____4 23550	8.93 0.28 -4.97	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.55 0.85 0.00	44.92 0.39 -39.32	15.51 0.94 0.00	14.44 0.89 0.00	15.38 0.94 0.00	14.24 0.86 0.00	15.76 0.91 0.00	18.38 1.16 0.00	18.64 1.27 0.00	22.89 1.58 -0.02	23.56 1.69 0.00	28.83 1.97 -1.54	138.55 9.12 0.00	37.83 2.36 -3.37	32.64 1.61 -10.26	24.99 1.22 -8.47	22.59 1.55 -0.01	21.40 1.13 0.00
GLENWOOD____5 23614	8.93 0.28 -4.97	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.55 0.85 0.00	44.92 0.39 -39.32	15.51 0.94 0.00	14.44 0.89 0.00	15.38 0.94 0.00	14.24 0.86 0.00	15.76 0.91 0.00	18.38 1.16 0.00	18.64 1.27 0.00	22.89 1.58 -0.02	23.56 1.69 0.00	28.83 1.97 -1.54	138.55 9.12 0.00	37.83 2.36 -3.37	32.64 1.61 -10.26	24.99 1.22 -8.47	22.59 1.55 -0.01	21.40 1.13 0.00
GLOBAL GREEN_PORT_GT1 23814	9.09 0.44 -4.97	11.28 0.56 -5.44	7.89 0.38 -3.98	9.81 0.83 -1.41	7.65 0.67 -0.66	12.73 1.16 -0.95	15.03 1.34 0.00	45.12 0.59 -39.32	15.96 1.39 0.00	14.83 1.28 0.00	15.71 1.27 0.00	14.59 1.21 0.00	16.20 1.36 0.00	18.72 1.50 0.00	19.04 1.66 0.00	23.47 2.16 -0.02	24.40 2.54 0.00	29.95 3.09 -1.54	144.75 15.33 0.00	39.15 3.68 -3.37	33.55 2.52 -10.26	25.70 1.96 -8.45	23.61 2.58 0.00	22.25 1.98 0.00
GLOBE____DSASP 323697	3.72 -0.33 -0.37	4.41 -0.42 0.45	3.81 -0.33 -0.61	3.43 -0.63 3.51	3.28 -0.53 2.51	8.91 -1.05 0.67	12.53 -1.17 0.00	-0.15 -0.58 4.78	10.60 -1.15 2.83	12.51 -1.04 0.00	13.59 -0.85 0.00	12.60 -0.78 0.00	14.10 -0.75 0.00	15.95 -1.27 0.00	15.61 -1.73 0.03	12.62 -2.20 6.47	23.88 -2.79 -4.80	15.99 -2.59 6.74	115.90 -13.51 0.02	28.51 -3.69 -0.11	18.62 -2.41 -0.26	13.85 -1.65 -0.20	19.24 -1.79 0.00	18.93 -1.33 0.00
GOETHSLN____LBMP 323567	8.92 0.27 -4.98	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.41 -0.66	12.29 0.71 -0.95	14.53 0.83 0.00	15.37 0.38 -9.77	15.48 0.92 0.01	14.40 0.85 0.00	15.25 0.81 0.01	14.14 0.76 0.01	15.71 0.86 0.00	18.39 1.16 0.00	18.59 1.22 0.00	22.81 1.51 -0.02	23.37 1.51 0.00	28.32 1.77 -1.23	135.55 7.92 1.80	37.19 2.13 -2.97	31.56 1.42 -9.36	24.83 1.09 -8.45	22.42 1.38 0.00	21.29 1.03 0.00
GOLAH____69_KV_TB 1_2 80279	3.85 -0.11 -0.29	5.58 -0.15 -0.46	3.88 -0.12 -0.47	6.95 -0.23 0.39	5.81 -0.19 0.31	10.25 -0.37 0.01	13.33 -0.36 0.00	4.31 -0.19 0.71	13.88 -0.28 0.42	13.29 -0.26 0.00	14.30 -0.14 0.00	13.25 -0.13 0.00	14.77 -0.08 0.00	16.91 -0.31 0.00	16.82 -0.55 0.00	20.53 -0.77 -0.01	56.76 -0.93 -35.83	24.66 -0.70 -0.05	126.49 -2.94 0.00	31.26 -0.94 -0.10	20.45 -0.64 -0.31	15.09 -0.47 -0.26	20.57 -0.46 0.00	19.96 -0.30 0.00
GOODYEAR_LAKE_HYD 323669	4.78 0.14 -0.96	8.09 0.20 -2.61	5.57 0.13 -1.91	8.52 0.27 -0.68	6.86 0.23 -0.32	11.45 0.37 -0.46	14.18 0.48 0.00	2.30 0.21 3.12	15.16 0.59 0.00	14.15 0.60 0.00	15.04 0.59 0.00	13.93 0.54 0.00	15.45 0.60 0.00	18.00 0.77 0.00	18.18 0.80 0.00	22.44 1.00 -0.16	42.62 1.05 -19.71	27.32 1.28 -0.71	135.67 6.25 0.00	35.24 1.58 -1.56	26.56 1.03 -4.75	19.93 0.72 -3.91	21.92 0.89 0.00	20.95 0.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	4.45 0.02 -0.76	7.03 0.06 -1.70	4.78 0.01 -1.24	8.06 0.06 -0.44	6.56 0.04 -0.21	10.95 0.03 -0.30	13.74 0.04 0.00	5.21 0.00 0.00	14.68 0.10 0.00	13.54 -0.02 0.00	14.52 0.08 0.00	13.41 0.02 0.00	14.92 0.07 0.00	17.19 -0.03 0.00	17.25 -0.13 0.00	22.59 -0.18 -1.49	92.03 -0.29 -70.46	26.34 -0.11 -1.12	128.46 -0.96 0.00	32.18 -0.23 -0.31	21.55 -0.18 -0.96	15.95 -0.14 -0.79	20.89 -0.14 0.00	20.19 -0.07 0.00
GOUDEY____7 23579	4.45 0.02 -0.76	7.04 0.06 -1.70	4.79 0.01 -1.24	8.07 0.06 -0.44	6.57 0.05 -0.21	10.96 0.04 -0.30	13.75 0.05 0.00	5.21 0.00 0.00	14.69 0.11 0.00	13.54 -0.01 0.00	14.53 0.09 0.00	13.42 0.03 0.00	14.93 0.08 0.00	17.21 -0.02 0.00	17.26 -0.12 0.00	22.61 -0.16 -1.49	92.04 -0.27 -70.46	26.35 -0.09 -1.12	128.59 -0.84 0.00	32.21 -0.20 -0.31	21.57 -0.16 -0.96	15.96 -0.13 -0.79	20.91 -0.12 0.00	20.21 -0.06 0.00
GOUDEY____8 23580	4.45 0.02 -0.76	7.03 0.06 -1.70	4.78 0.01 -1.24	8.06 0.06 -0.44	6.56 0.04 -0.21	10.95 0.03 -0.30	13.74 0.04 0.00	5.21 0.00 0.00	14.68 0.10 0.00	13.54 -0.02 0.00	14.52 0.08 0.00	13.41 0.02 0.00	14.92 0.07 0.00	17.19 -0.03 0.00	17.25 -0.13 0.00	22.59 -0.18 -1.49	92.03 -0.29 -70.46	26.34 -0.11 -1.12	128.46 -0.96 0.00	32.18 -0.23 -0.31	21.55 -0.18 -0.96	15.95 -0.14 -0.79	20.89 -0.14 0.00	20.19 -0.07 0.00

GOWANUS_GT1_1 24077	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_2 24078	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_3 24079	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_4 24080	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_5 24084	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_6 24111	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_7 24112	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT1_8 24113	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_1 24114	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_2 24115	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_3 24116	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_4 24117	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_5 24118	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_6 24119	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT2_7 24120	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00

GOWANUS_GT2_8 24121	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_1 24122	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_2 24123	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_3 24124	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_4 24125	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_5 24126	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_6 24127	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_7 24128	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT3_8 24129	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_1 24130	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_2 24131	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_3 24132	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_4 24133	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_5 24134	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_6 24135	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00

GOWANUS_GT4_7 24136	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GOWANUS_GT4_8 24137	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GREENBSH_115KV_TB3 55895	7.84 0.07 -4.09	12.37 0.11 -6.99	8.71 0.07 -5.11	9.53 0.15 -1.81	7.29 0.13 -0.85	12.03 0.19 -1.22	13.85 0.15 0.00	20.11 0.11 -14.79	14.81 0.23 0.00	13.71 0.16 0.00	14.53 0.09 0.00	13.46 0.08 0.00	14.91 0.06 0.00	17.39 0.16 0.00	17.62 0.25 0.00	21.70 0.39 -0.03	22.30 0.43 0.00	27.83 0.55 -1.96	132.12 2.70 0.00	37.06 0.68 -4.28	34.23 0.45 -13.00	26.31 0.30 -10.71	21.30 0.27 0.00	20.32 0.06 0.00
GREENDGE_115KV_TB5 80291	4.10 -0.05 -0.47	8.13 -0.03 -2.88	4.24 -0.05 -0.77	13.13 -0.07 -5.63	10.13 -0.06 -3.87	11.88 -0.09 -1.35	13.65 -0.05 0.00	11.99 -0.08 -6.86	18.59 -0.05 -4.06	13.47 -0.08 0.00	14.47 0.03 0.00	13.36 -0.02 0.00	14.86 0.01 0.00	17.08 -0.15 0.00	17.15 -0.28 -0.05	31.44 -0.39 -10.55	102.98 -0.57 -81.69	35.36 -0.22 -10.26	128.08 -1.34 0.00	31.87 -0.40 -0.17	21.29 -0.19 -0.71	15.75 -0.17 -0.62	20.84 -0.19 0.00	20.18 -0.08 0.00
GREENIDGE___3 23582	4.10 -0.05 -0.47	8.13 -0.03 -2.88	4.24 -0.05 -0.77	13.13 -0.07 -5.63	10.13 -0.06 -3.87	11.88 -0.09 -1.35	13.65 -0.05 0.00	11.99 -0.08 -6.86	18.59 -0.05 -4.06	13.47 -0.08 0.00	14.47 0.03 0.00	13.36 -0.02 0.00	14.86 0.01 0.00	17.08 -0.15 0.00	17.15 -0.28 -0.05	31.44 -0.39 -10.55	102.98 -0.57 -81.69	35.36 -0.22 -10.26	128.08 -1.34 0.00	31.87 -0.40 -0.17	21.29 -0.19 -0.71	15.75 -0.17 -0.62	20.84 -0.19 0.00	20.18 -0.08 0.00
GREENIDGE___4 23583	4.10 -0.05 -0.47	8.13 -0.03 -2.88	4.24 -0.05 -0.77	13.13 -0.07 -5.63	10.13 -0.06 -3.87	11.88 -0.09 -1.35	13.65 -0.05 0.00	12.00 -0.07 -6.86	18.59 -0.04 -4.06	13.47 -0.08 0.00	14.47 0.03 0.00	13.36 -0.02 0.00	14.86 0.01 0.00	17.07 -0.15 0.00	17.15 -0.28 -0.05	31.44 -0.39 -10.55	102.99 -0.55 -81.69	35.36 -0.22 -10.26	128.14 -1.28 0.00	31.87 -0.40 -0.17	21.29 -0.19 -0.71	15.74 -0.17 -0.62	20.84 -0.19 0.00	20.17 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	8.94 0.29 -4.97	11.07 0.35 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.40 0.42 -0.66	12.29 0.72 -0.95	14.45 0.75 0.00	44.89 0.36 -39.32	15.35 0.77 0.00	14.28 0.73 0.00	15.35 0.90 0.00	14.19 0.80 0.00	15.65 0.81 0.00	18.14 0.91 0.00	18.43 1.06 0.00	22.67 1.36 -0.02	23.44 1.58 0.00	28.69 1.83 -1.54	137.92 8.50 0.00	37.49 2.02 -3.37	32.46 1.43 -10.26	24.91 1.17 -8.45	22.60 1.57 0.00	21.36 1.09 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
GRISSOM___SOLAR 323813	8.01 0.18 -4.15	12.81 0.30 -7.23	9.01 0.19 -5.29	9.83 0.38 -1.88	7.56 0.36 -0.88	12.53 0.64 -1.27	14.54 0.84 0.00	19.43 0.30 -13.92	15.07 0.49 0.00	13.77 0.22 0.00	14.34 -0.11 0.00	13.63 0.25 0.00	14.92 0.08 0.00	16.90 -0.32 0.00	18.06 0.69 0.00	22.22 0.90 -0.03	23.20 1.34 0.00	29.27 1.93 -2.02	139.53 10.10 0.00	38.94 2.42 -4.42	35.76 1.54 -13.44	27.35 0.98 -11.08	22.34 1.31 0.00	21.47 1.21 0.00
GROVEVILLE___HYD 323602	7.01 0.25 -3.09	11.12 0.34 -5.51	7.78 0.23 -4.03	9.48 0.49 -1.43	7.39 0.40 -0.67	12.27 0.68 -0.96	14.53 0.83 0.00	14.52 0.37 -8.94	15.54 0.96 0.00	14.46 0.91 0.00	15.34 0.90 0.00	14.19 0.81 0.00	15.73 0.88 0.00	18.38 1.16 0.00	18.62 1.24 0.00	22.86 1.55 -0.02	23.45 1.59 0.00	28.79 1.92 -1.55	138.64 9.22 0.00	37.88 2.39 -3.40	32.66 1.56 -10.32	24.94 1.13 -8.51	22.45 1.42 0.00	21.35 1.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.10 -0.18 -69.42	25.33 -0.03 -0.04	129.37 -0.06 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.23 -0.04 0.00
HAMLTNNY_34_KV_TB 80303	3.92 -0.02 -0.26	5.85 -0.01 -0.59	3.94 -0.02 -0.43	7.67 -0.05 -0.15	6.35 -0.03 -0.07	10.67 -0.06 -0.10	13.65 -0.04 0.00	5.18 -0.03 0.00	14.55 -0.03 0.00	13.49 -0.06 0.00	14.42 -0.03 0.00	13.34 -0.04 0.00	14.84 -0.01 0.00	17.14 -0.08 0.00	17.23 -0.15 0.00	21.72 -0.20 -0.63	106.76 -0.31 -85.20	25.22 -0.15 -0.04	128.83 -0.59 0.00	32.01 -0.18 -0.09	20.91 -0.16 -0.29	15.41 -0.12 -0.24	20.83 -0.20 0.00	20.14 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	3.63 -0.11 -0.07	5.26 -0.17 -0.16	3.54 -0.10 -0.11	9.80 -0.22 -2.46	6.58 -0.19 -0.46	10.39 -0.26 -0.03	13.45 -0.24 0.00	5.11 -0.10 0.00	14.24 -0.34 0.00	13.29 -0.26 0.00	14.20 -0.25 0.00	13.19 -0.20 0.00	14.65 -0.20 0.00	16.89 -0.33 0.00	17.00 -0.37 0.00	21.01 -0.37 -0.09	34.29 -0.20 -12.63	25.26 -0.06 0.00	129.91 0.48 0.00	32.19 0.09 0.00	20.81 0.03 0.00	15.27 -0.03 0.00	21.06 0.03 0.00	20.38 0.12 0.00
HARDSCRABBLE_WT_PWR 323673	3.67 -0.01 0.00	5.30 0.02 0.00	3.54 0.01 0.00	7.62 0.05 0.00	6.37 0.06 0.00	10.71 0.09 0.00	13.77 0.07 0.00	5.20 -0.01 0.00	14.68 0.11 0.00	13.60 0.05 0.00	14.46 0.01 0.00	13.38 -0.01 0.00	14.77 -0.08 0.00	17.23 0.00 0.00	17.61 0.23 0.00	21.74 0.46 0.00	22.49 0.62 0.00	26.13 0.80 0.00	133.69 4.26 0.00	33.10 1.00 0.00	21.40 0.63 0.00	15.71 0.42 0.00	21.38 0.35 0.00	20.39 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	3.13 0.24 0.78	10.29 0.31 -4.71	7.19 0.21 -3.45	9.24 0.45 -1.22	7.26 0.37 -0.57	12.07 0.62 -0.82	14.46 0.76 0.00	-39.03 0.34 44.58	15.42 0.84 0.00	14.35 0.79 0.00	15.23 0.78 0.00	14.10 0.71 0.00	15.65 0.80 0.00	18.29 1.06 0.00	18.52 1.14 0.00	22.73 1.42 -0.02	23.32 1.46 0.00	28.42 1.75 -1.35	137.64 8.22 0.00	37.18 2.13 -2.95	31.15 1.40 -8.97	23.72 1.03 -7.39	22.31 1.28 0.00	21.25 0.99 0.00

HARSNRAD_115KV_TB1 81005	3.77 -0.27 -0.36	4.51 -0.34 0.42	3.85 -0.27 -0.59	3.68 -0.51 3.38	3.48 -0.42 2.41	9.12 -0.87 0.64	12.72 -0.98 0.00	0.15 -0.46 4.60	10.97 -0.88 2.72	12.78 -0.78 0.00	13.85 -0.59 0.00	12.83 -0.56 0.00	14.34 -0.50 0.00	16.29 -0.94 0.00	15.93 -1.42 0.03	13.14 -1.93 6.22	49.64 -2.24 -30.03	16.75 -2.08 6.49	119.61 -9.81 -0.01	29.43 -2.81 -0.14	19.21 -1.84 -0.27	14.24 -1.26 -0.20	19.75 -1.29 0.00	19.32 -0.94 0.00
HARZA MOOSE___RIVER 24016	3.71 -0.06 -0.09	5.38 -0.10 -0.21	3.63 -0.05 -0.15	8.19 -0.14 -0.76	6.34 -0.13 -0.15	10.54 -0.12 -0.04	13.57 -0.13 0.00	5.18 -0.03 0.00	14.45 -0.12 0.00	13.46 -0.09 0.00	14.36 -0.09 0.00	13.35 -0.04 0.00	14.84 0.00 0.00	17.12 -0.11 0.00	17.27 -0.10 0.00	21.40 0.01 -0.11	36.97 0.18 -14.92	25.77 0.45 0.00	132.16 2.74 0.00	32.71 0.61 0.00	21.11 0.33 0.00	15.50 0.20 0.00	21.35 0.32 0.00	20.60 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	3.85 -0.04 -0.22	5.72 -0.06 -0.50	3.85 -0.05 -0.36	7.60 -0.09 -0.13	6.30 -0.08 -0.06	10.57 -0.15 -0.09	13.53 -0.17 0.00	5.14 -0.07 0.00	14.44 -0.14 0.00	13.39 -0.15 0.00	14.32 -0.13 0.00	13.26 -0.13 0.00	14.73 -0.12 0.00	17.02 -0.20 0.00	17.13 -0.24 0.00	21.34 -0.33 -0.38	73.05 -0.39 -51.58	25.04 -0.32 -0.04	127.84 -1.58 0.00	31.77 -0.41 -0.08	20.73 -0.29 -0.24	15.27 -0.22 -0.20	20.72 -0.31 0.00	20.04 -0.23 0.00
HELLGATE_13_KV_LD 55870	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	49.52 0.42 -43.89	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.64 0.00	28.74 1.88 -1.54	137.97 8.54 0.00	37.77 2.29 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.36 1.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	49.52 0.42 -43.89	15.60 1.02 0.00	14.47 0.92 0.00	15.33 0.88 0.00	14.22 0.83 0.00	15.78 0.93 0.00	18.45 1.22 0.00	18.66 1.28 0.00	22.90 1.59 -0.02	23.50 1.64 0.00	28.74 1.88 -1.54	137.97 8.54 0.00	37.77 2.29 -3.37	32.56 1.53 -10.25	24.89 1.15 -8.45	22.49 1.46 0.00	21.36 1.09 0.00
HEMPSTEAD____ 23647	8.92 0.28 -4.97	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.42 -0.66	12.29 0.71 -0.95	14.49 0.79 0.00	44.90 0.37 -39.32	15.43 0.85 0.00	14.36 0.81 0.00	15.26 0.81 0.00	14.14 0.76 0.00	15.66 0.81 0.00	18.25 1.03 0.00	18.54 1.16 0.00	22.77 1.46 -0.02	23.48 1.62 0.00	28.77 1.90 -1.54	137.98 8.56 0.00	37.67 2.20 -3.37	32.58 1.55 -10.26	24.96 1.20 -8.47	22.57 1.54 -0.01	21.35 1.08 0.00
HEWLETT__69_KV_BK3 55828	8.96 0.31 -4.97	11.11 0.40 -5.44	7.78 0.27 -3.98	9.57 0.59 -1.41	7.45 0.47 -0.66	12.39 0.81 -0.95	14.61 0.91 0.00	44.95 0.42 -39.32	15.53 0.96 0.00	14.46 0.91 0.00	15.46 1.01 0.00	14.29 0.90 0.00	15.73 0.88 0.00	18.34 1.12 0.00	18.63 1.25 0.00	22.90 1.59 -0.02	23.62 1.76 0.00	28.88 2.01 -1.54	138.48 9.06 0.00	37.82 2.35 -3.37	32.70 1.67 -10.26	25.14 1.30 -8.55	22.79 1.73 -0.03	21.53 1.27 0.00
HICKLING___1 23621	4.23 -0.04 -0.60	7.17 0.01 -1.88	4.46 -0.05 -0.98	9.46 -0.04 -1.93	7.55 -0.03 -1.27	11.08 -0.13 -0.58	13.54 -0.15 0.00	7.13 -0.11 -2.03	15.71 -0.07 -1.20	13.45 -0.10 0.00	14.49 0.04 0.00	13.34 -0.04 0.00	14.86 0.01 0.00	17.08 -0.14 0.00	17.08 -0.31 -0.02	24.60 -0.40 -3.71	91.05 -0.52 -69.71	28.54 -0.27 -3.48	128.06 -1.36 0.00	31.95 -0.37 -0.21	21.20 -0.30 -0.72	15.66 -0.23 -0.60	20.80 -0.23 0.00	20.18 -0.08 0.00
HICKLING___2 23622	4.23 -0.04 -0.60	7.17 0.01 -1.88	4.46 -0.05 -0.98	9.46 -0.04 -1.93	7.55 -0.03 -1.27	11.08 -0.13 -0.58	13.54 -0.15 0.00	7.13 -0.11 -2.03	15.71 -0.07 -1.20	13.45 -0.10 0.00	14.49 0.04 0.00	13.34 -0.04 0.00	14.86 0.01 0.00	17.08 -0.14 0.00	17.08 -0.31 -0.02	24.60 -0.40 -3.71	91.05 -0.52 -69.71	28.54 -0.27 -3.48	128.06 -1.36 0.00	31.95 -0.37 -0.21	21.20 -0.30 -0.72	15.66 -0.23 -0.60	20.80 -0.23 0.00	20.18 -0.08 0.00
HIGH FALLS___HY 23754	6.36 0.27 -2.42	11.05 0.36 -5.42	7.73 0.24 -3.96	9.49 0.51 -1.41	7.40 0.43 -0.66	12.29 0.72 -0.95	14.60 0.90 0.00	5.60 0.39 0.00	15.60 1.02 0.00	14.52 0.97 0.00	15.41 0.97 0.00	14.22 0.84 0.00	15.75 0.90 0.00	18.42 1.20 0.00	18.67 1.29 0.00	22.90 1.59 -0.02	23.42 1.55 0.00	28.88 2.02 -1.54	139.27 9.85 0.00	38.00 2.54 -3.36	32.66 1.67 -10.21	24.93 1.21 -8.42	22.57 1.54 0.00	21.50 1.23 0.00
HILLBURN___GT 23639	2.93 0.24 0.98	10.42 0.30 -4.84	7.28 0.21 -3.54	9.28 0.45 -1.26	7.27 0.37 -0.59	12.10 0.62 -0.85	14.44 0.75 0.00	-43.00 0.33 48.54	15.40 0.82 0.00	14.33 0.78 0.00	15.21 0.77 0.00	14.09 0.70 0.00	15.64 0.79 0.00	18.29 1.06 0.00	18.50 1.12 0.00	22.69 1.39 -0.02	23.28 1.41 0.00	28.39 1.69 -1.38	137.24 7.82 0.00	37.17 2.04 -3.03	31.33 1.35 -9.20	23.88 1.00 -7.58	22.28 1.25 0.00	21.21 0.95 0.00
HILLSIDE_115KV_TB1 80332	4.24 -0.05 -0.62	7.14 0.00 -1.87	4.49 -0.05 -1.02	9.27 -0.05 -1.75	7.41 -0.05 -1.14	11.02 -0.15 -0.55	13.50 -0.20 0.00	6.87 -0.12 -1.78	15.51 -0.12 -1.06	13.42 -0.13 0.00	14.44 -0.01 0.00	13.29 -0.09 0.00	14.79 -0.06 0.00	17.02 -0.20 0.00	17.05 -0.34 -0.01	24.20 -0.44 -3.36	91.28 -0.60 -70.01	27.93 -0.41 -3.02	126.79 -2.63 0.00	31.69 -0.63 -0.22	21.07 -0.44 -0.73	15.59 -0.32 -0.61	20.68 -0.35 0.00	20.02 -0.24 0.00
HISHELDN_WT_PWR 323625	3.86 -0.24 -0.43	2.21 -0.29 2.78	3.99 -0.24 -0.70	-3.58 -0.46 10.69	-1.60 -0.37 7.54	7.65 -0.76 2.21	12.78 -0.91 0.01	-9.26 -0.46 14.02	5.45 -0.84 8.28	12.80 -0.75 0.00	13.85 -0.59 0.00	12.80 -0.58 0.00	14.30 -0.55 0.00	16.28 -0.94 0.00	15.99 -1.29 0.10	-0.10 -1.61 19.77	20.23 -1.86 -0.22	3.53 -1.63 20.17	122.13 -7.30 0.00	30.12 -2.13 -0.15	19.37 -1.49 -0.08	14.27 -1.04 -0.01	19.94 -1.09 0.00	19.50 -0.77 0.00
HOLTSVILLE_IC_1 23690	8.98 0.33 -4.97	11.13 0.41 -5.44	7.79 0.28 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.61 0.91 0.00	44.96 0.43 -39.32	15.49 0.91 0.00	14.40 0.85 0.00	15.27 0.82 0.00	14.20 0.81 0.00	15.77 0.92 0.00	18.24 1.01 0.00	18.54 1.17 0.00	22.85 1.54 -0.02	23.70 1.83 0.00	29.05 2.18 -1.54	139.76 10.33 0.00	37.94 2.47 -3.37	32.82 1.78 -10.26	25.18 1.44 -8.45	22.94 1.91 0.00	21.64 1.38 0.00
HOLTSVILLE_IC_10 23699	8.99 0.34 -4.97	11.14 0.43 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.51 -0.66	12.46 0.88 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.29 1.07 0.00	18.60 1.22 0.00	22.93 1.62 -0.02	23.80 1.94 0.00	29.17 2.30 -1.54	140.41 10.98 0.00	38.12 2.65 -3.37	32.93 1.90 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.49 0.00

HOLTSVILLE_IC_2 23691	8.98 0.33 -4.97	11.13 0.41 -5.44	7.79 0.28 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.61 0.91 0.00	44.96 0.43 -39.32	15.49 0.91 0.00	14.40 0.85 0.00	15.27 0.82 0.00	14.20 0.81 0.00	15.77 0.92 0.00	18.24 1.01 0.00	18.54 1.17 0.00	22.85 1.54 -0.02	23.70 1.83 0.00	29.05 2.18 -1.54	139.76 10.33 0.00	37.94 2.47 -3.37	32.82 1.78 -10.26	25.18 1.44 -8.45	22.94 1.91 0.00	21.64 1.38 0.00
HOLTSVILLE_IC_3 23692	8.98 0.33 -4.97	11.13 0.41 -5.44	7.79 0.28 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.61 0.91 0.00	44.96 0.43 -39.32	15.49 0.91 0.00	14.40 0.85 0.00	15.27 0.82 0.00	14.20 0.81 0.00	15.77 0.92 0.00	18.24 1.01 0.00	18.54 1.17 0.00	22.85 1.54 -0.02	23.70 1.83 0.00	29.05 2.18 -1.54	139.76 10.33 0.00	37.94 2.47 -3.37	32.82 1.78 -10.26	25.18 1.44 -8.45	22.94 1.91 0.00	21.64 1.38 0.00
HOLTSVILLE_IC_4 23693	8.98 0.33 -4.97	11.13 0.41 -5.44	7.79 0.28 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.61 0.91 0.00	44.96 0.43 -39.32	15.49 0.91 0.00	14.40 0.85 0.00	15.27 0.82 0.00	14.20 0.81 0.00	15.77 0.92 0.00	18.24 1.01 0.00	18.54 1.17 0.00	22.85 1.54 -0.02	23.70 1.83 0.00	29.05 2.18 -1.54	139.76 10.33 0.00	37.94 2.47 -3.37	32.82 1.78 -10.26	25.18 1.44 -8.45	22.94 1.91 0.00	21.64 1.38 0.00
HOLTSVILLE_IC_5 23694	8.98 0.33 -4.97	11.13 0.41 -5.44	7.79 0.28 -3.98	9.60 0.62 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.61 0.91 0.00	44.96 0.43 -39.32	15.49 0.91 0.00	14.40 0.85 0.00	15.27 0.82 0.00	14.20 0.81 0.00	15.77 0.92 0.00	18.24 1.01 0.00	18.54 1.17 0.00	22.85 1.54 -0.02	23.70 1.83 0.00	29.05 2.18 -1.54	139.76 10.33 0.00	37.94 2.47 -3.37	32.82 1.78 -10.26	25.18 1.44 -8.45	22.94 1.91 0.00	21.64 1.38 0.00
HOLTSVILLE_IC_6 23695	8.99 0.34 -4.97	11.14 0.43 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.51 -0.66	12.46 0.88 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.29 1.07 0.00	18.60 1.22 0.00	22.93 1.62 -0.02	23.80 1.94 0.00	29.17 2.30 -1.54	140.41 10.98 0.00	38.12 2.65 -3.37	32.93 1.90 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.49 0.00
HOLTSVILLE_IC_7 23696	8.99 0.34 -4.97	11.14 0.43 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.51 -0.66	12.46 0.88 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.29 1.07 0.00	18.60 1.22 0.00	22.93 1.62 -0.02	23.80 1.94 0.00	29.17 2.30 -1.54	140.41 10.98 0.00	38.12 2.65 -3.37	32.93 1.90 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.49 0.00
HOLTSVILLE_IC_8 23697	8.99 0.34 -4.97	11.14 0.43 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.51 -0.66	12.46 0.88 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.29 1.07 0.00	18.60 1.22 0.00	22.93 1.62 -0.02	23.80 1.94 0.00	29.17 2.30 -1.54	140.41 10.98 0.00	38.12 2.65 -3.37	32.93 1.90 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.49 0.00
HOLTSVILLE_IC_9 23698	8.99 0.34 -4.97	11.14 0.43 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.51 -0.66	12.46 0.88 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.29 1.07 0.00	18.60 1.22 0.00	22.93 1.62 -0.02	23.80 1.94 0.00	29.17 2.30 -1.54	140.41 10.98 0.00	38.12 2.65 -3.37	32.93 1.90 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.49 0.00
HOMER_HL_115KV_TB2 355744	4.06 -0.05 -0.44	5.71 -0.03 -0.46	4.18 -0.07 -0.72	6.22 -0.07 1.28	5.31 -0.05 0.96	10.27 -0.20 0.16	13.46 -0.24 0.00	3.01 -0.22 1.97	13.30 -0.07 1.20	13.62 0.07 0.00	14.73 0.29 0.00	13.61 0.23 0.00	15.17 0.33 0.00	17.39 0.17 0.01	17.21 -0.15 2.40	18.59 -0.30 -42.92	64.14 -0.64 2.62	22.34 -0.36 0.00	127.86 -1.56 0.00	31.58 -0.68 -0.16	20.77 -0.44 -0.43	15.35 -0.29 -0.34	20.95 -0.08 0.00	20.36 0.09 0.00
HOWARD_WT_PWR 323690	3.99 -0.18 -0.50	10.10 -0.16 -4.99	4.16 -0.18 -0.81	18.90 -0.30 -11.63	14.15 -0.23 -8.07	12.65 -0.64 -2.66	12.88 -0.82 -0.01	19.32 -0.43 -14.54	22.44 -0.77 -8.64	12.67 -0.88 0.00	13.66 -0.79 0.00	12.60 -0.79 0.00	14.08 -0.77 0.00	16.08 -1.15 0.00	16.14 -1.34 -0.10	41.52 -1.42 -21.66	124.99 -1.44 -104.57	45.63 -1.08 -21.38	125.27 -4.15 0.00	30.94 -1.33 -0.18	20.81 -0.92 -0.95	15.44 -0.70 -0.85	20.33 -0.70 0.00	19.91 -0.35 0.00
HQ_GEN_CEDARS 23644	3.66 -0.02 0.00	5.24 -0.03 0.00	3.52 -0.01 0.00	8.75 -0.02 -1.20	6.52 -0.01 -0.22	10.62 0.00 0.00	13.78 0.08 0.00	5.22 0.01 0.00	14.57 -0.01 0.00	13.56 0.01 0.00	14.50 0.06 0.00	13.44 0.06 0.00	14.88 0.03 0.00	17.24 0.01 0.00	17.36 -0.02 0.00	21.24 -0.04 0.00	21.87 0.00 0.00	25.22 -0.10 0.00	129.50 0.08 0.00	32.11 0.01 0.00	20.78 0.00 0.00	15.28 -0.01 0.00	21.09 0.06 0.00	20.41 0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	3.65 -0.02 0.00	5.24 -0.03 0.00	3.52 -0.01 0.00	8.75 -0.02 -1.20	6.52 -0.01 -0.22	10.62 0.00 0.00	13.78 0.08 0.00	5.21 0.00 0.00	14.57 -0.01 0.00	13.56 0.01 0.00	14.50 0.06 0.00	13.44 0.06 0.00	14.88 0.03 0.00	17.24 0.01 0.00	17.36 -0.02 0.00	21.24 -0.05 0.00	23.36 0.00 -1.50	25.22 -0.10 0.00	129.50 0.08 0.00	32.11 0.01 0.00	20.78 0.00 0.00	15.17 -0.01 0.11	21.09 0.06 0.00	20.41 0.15 0.00
HQ_GEN_IMPORT 323601	3.66 -0.02 0.00	5.25 -0.03 0.00	3.52 -0.01 0.00	7.54 -0.03 0.00	6.29 -0.02 0.00	10.60 -0.02 0.00	13.70 0.00 0.00	5.19 -0.02 0.00	14.52 -0.06 0.00	13.51 -0.05 0.00	14.43 -0.01 0.00	13.38 -0.01 0.00	14.81 -0.03 0.00	17.18 -0.05 0.00	17.32 -0.06 0.00	21.18 -0.10 0.00	21.77 -0.09 0.00	25.10 -0.22 0.00	128.55 -0.88 0.00	30.87 -0.21 1.01	20.64 -0.14 0.00	15.20 -0.10 0.00	20.97 -0.06 0.00	20.28 0.01 0.00
HQ_GEN_WHEEL 23651	3.66 -0.02 0.00	5.25 -0.03 0.00	3.52 -0.01 0.00	7.54 -0.03 0.00	6.29 -0.02 0.00	10.60 -0.02 0.00	13.70 0.00 0.00	5.19 -0.02 0.00	14.52 -0.06 0.00	13.51 -0.05 0.00	14.43 -0.01 0.00	13.38 -0.01 0.00	14.81 -0.03 0.00	17.18 -0.05 0.00	17.32 -0.06 0.00	21.18 -0.10 0.00	21.77 -0.09 0.00	25.10 -0.22 0.00	128.55 -0.88 0.00	30.87 -0.21 1.01	20.64 -0.14 0.00	15.20 -0.10 0.00	20.97 -0.06 0.00	20.28 0.01 0.00
HUDSON_AVE_GT_3 23810	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.43 0.45 -0.66	12.35 0.77 -0.95	14.61 0.92 0.00	45.04 0.42 -39.41	15.59 1.01 0.00	14.49 0.95 0.00	15.37 0.92 0.00	14.24 0.85 0.00	15.80 0.95 0.00	18.49 1.26 0.00	18.69 1.32 0.00	22.93 1.63 -0.02	23.51 1.65 0.00	28.78 1.92 -1.54	138.21 8.79 0.00	37.81 2.34 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.39 1.12 0.00

HUDSON AVE_GT_4 23540	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.43 0.45 -0.66	12.35 0.77 -0.95	14.61 0.92 0.00	45.04 0.42 -39.41	15.59 1.01 0.00	14.49 0.95 0.00	15.37 0.92 0.00	14.24 0.85 0.00	15.80 0.95 0.00	18.49 1.26 0.00	18.69 1.32 0.00	22.93 1.63 -0.02	23.51 1.65 0.00	28.78 1.92 -1.54	138.21 8.79 0.00	37.81 2.34 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.39 1.12 0.00
HUDSON AVE_GT_5 23657	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.43 0.45 -0.66	12.35 0.77 -0.95	14.61 0.92 0.00	45.04 0.42 -39.41	15.59 1.01 0.00	14.49 0.95 0.00	15.37 0.92 0.00	14.24 0.85 0.00	15.80 0.95 0.00	18.49 1.26 0.00	18.69 1.32 0.00	22.93 1.63 -0.02	23.51 1.65 0.00	28.78 1.92 -1.54	138.21 8.79 0.00	37.81 2.34 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.39 1.12 0.00
HUDSON_AVE_10 24168	8.94 0.29 -4.98	11.10 0.39 -5.44	7.77 0.26 -3.98	9.54 0.56 -1.41	7.43 0.45 -0.66	12.36 0.78 -0.95	14.64 0.94 0.00	45.04 0.42 -39.41	15.60 1.03 0.00	14.50 0.95 0.00	15.36 0.91 0.00	14.24 0.85 0.00	15.80 0.96 0.00	18.48 1.25 0.00	18.68 1.31 0.00	22.93 1.62 -0.02	23.51 1.65 0.00	28.78 1.91 -1.54	138.22 8.79 0.00	37.81 2.34 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.39 1.12 0.00
HUDSON___115KV_TB 4 355613	7.70 0.12 -3.91	12.26 0.18 -6.80	8.62 0.12 -4.97	9.59 0.25 -1.77	7.36 0.22 -0.83	12.17 0.35 -1.19	14.10 0.40 0.00	18.74 0.20 -13.33	15.09 0.52 0.00	13.92 0.37 0.00	14.73 0.29 0.00	13.63 0.24 0.00	14.99 0.15 0.00	17.57 0.34 0.00	17.86 0.48 0.00	22.02 0.70 -0.03	22.71 0.85 0.00	28.31 1.08 -1.91	135.06 5.63 0.00	37.69 1.43 -4.17	34.35 0.91 -12.66	26.34 0.61 -10.44	21.70 0.67 0.00	20.69 0.42 0.00
HUNTER MOUNT___DRP 323613	7.51 0.13 -3.71	12.06 0.20 -6.59	8.47 0.13 -4.82	9.55 0.28 -1.71	7.36 0.24 -0.80	12.16 0.38 -1.15	14.15 0.45 0.00	17.22 0.23 -11.78	15.17 0.59 0.00	13.95 0.40 0.00	14.76 0.32 0.00	13.64 0.26 0.00	14.94 0.10 0.00	17.60 0.37 0.00	17.87 0.50 0.00	22.06 0.75 -0.03	22.81 0.95 0.00	28.38 1.20 -1.85	135.85 6.42 0.00	37.76 1.62 -4.04	34.08 1.02 -12.28	26.10 0.68 -10.12	21.77 0.74 0.00	20.76 0.49 0.00
HUNTINGTON_RES_REC 323705	8.96 0.31 -4.97	11.10 0.38 -5.44	7.77 0.26 -3.98	9.56 0.58 -1.41	7.43 0.45 -0.66	12.35 0.77 -0.95	14.52 0.82 0.00	44.92 0.39 -39.32	15.41 0.83 0.00	14.33 0.78 0.00	15.23 0.78 0.00	14.15 0.76 0.00	15.69 0.84 0.00	18.16 0.94 0.00	18.47 1.09 0.00	22.74 1.44 -0.02	23.56 1.70 0.00	28.87 2.01 -1.54	138.88 9.46 0.00	37.46 1.99 -3.37	32.42 1.39 -10.26	24.89 1.15 -8.45	22.57 1.54 0.00	21.32 1.06 0.00
HUNTLEY___63 23557	3.81 -0.24 -0.38	4.49 -0.30 0.49	3.90 -0.25 -0.61	3.45 -0.45 3.67	3.32 -0.38 2.62	9.15 -0.78 0.70	12.85 -0.85 0.00	-0.21 -0.44 4.98	10.88 -0.75 2.95	12.90 -0.65 0.00	14.00 -0.45 0.00	12.96 -0.43 0.00	14.49 -0.35 0.00	16.45 -0.78 0.00	16.11 -1.23 0.03	12.86 -1.67 6.76	68.44 -2.07 -48.64	16.47 -1.82 7.03	120.51 -8.93 -0.03	29.72 -2.54 -0.17	19.38 -1.69 -0.29	14.37 -1.13 -0.21	19.90 -1.13 0.00	19.48 -0.78 0.00
HUNTLEY___64 23558	3.81 -0.24 -0.38	4.49 -0.30 0.49	3.90 -0.25 -0.61	3.45 -0.45 3.67	3.32 -0.38 2.62	9.15 -0.78 0.70	12.85 -0.85 0.00	-0.21 -0.44 4.98	10.88 -0.75 2.95	12.90 -0.65 0.00	14.00 -0.45 0.00	12.96 -0.43 0.00	14.49 -0.35 0.00	16.45 -0.78 0.00	16.11 -1.23 0.03	12.86 -1.67 6.76	68.44 -2.07 -48.64	16.47 -1.82 7.03	120.51 -8.93 -0.03	29.72 -2.54 -0.17	19.38 -1.69 -0.29	14.37 -1.13 -0.21	19.90 -1.13 0.00	19.48 -0.78 0.00
HUNTLEY___65 23559	3.81 -0.24 -0.38	4.49 -0.30 0.49	3.90 -0.25 -0.61	3.45 -0.45 3.67	3.32 -0.38 2.62	9.15 -0.78 0.70	12.85 -0.85 0.00	-0.21 -0.44 4.98	10.88 -0.75 2.95	12.90 -0.65 0.00	14.00 -0.45 0.00	12.96 -0.43 0.00	14.49 -0.35 0.00	16.45 -0.78 0.00	16.11 -1.23 0.03	12.86 -1.67 6.76	68.44 -2.07 -48.64	16.47 -1.82 7.03	120.51 -8.93 -0.03	29.72 -2.54 -0.17	19.38 -1.69 -0.29	14.37 -1.13 -0.21	19.90 -1.13 0.00	19.48 -0.78 0.00
HUNTLEY___66 23560	3.81 -0.24 -0.38	4.49 -0.30 0.49	3.90 -0.25 -0.61	3.45 -0.45 3.67	3.32 -0.38 2.62	9.15 -0.78 0.70	12.85 -0.85 0.00	-0.21 -0.44 4.98	10.88 -0.75 2.95	12.90 -0.65 0.00	14.00 -0.45 0.00	12.96 -0.43 0.00	14.49 -0.35 0.00	16.45 -0.78 0.00	16.11 -1.23 0.03	12.86 -1.67 6.76	68.44 -2.07 -48.64	16.47 -1.82 7.03	120.51 -8.93 -0.03	29.72 -2.54 -0.17	19.38 -1.69 -0.29	14.37 -1.13 -0.21	19.90 -1.13 0.00	19.48 -0.78 0.00
HUNTLEY___67 23561	3.81 -0.25 -0.38	4.28 -0.33 0.67	3.90 -0.26 -0.63	2.83 -0.50 4.24	2.88 -0.42 3.02	8.97 -0.83 0.82	12.76 -0.94 0.00	-0.99 -0.48 5.72	10.33 -0.86 3.38	12.82 -0.73 0.00	13.91 -0.53 0.00	12.88 -0.50 0.00	14.40 -0.45 0.00	16.34 -0.88 0.00	16.03 -1.31 0.04	11.71 -1.76 7.81	42.73 -2.10 -22.96	15.29 -1.93 8.10	120.11 -9.32 0.00	29.57 -2.66 -0.14	19.29 -1.75 -0.26	14.29 -1.20 -0.19	19.81 -1.23 0.00	19.37 -0.89 0.00
HUNTLEY___68 23562	3.81 -0.25 -0.38	4.28 -0.33 0.67	3.90 -0.26 -0.63	2.83 -0.50 4.24	2.88 -0.42 3.02	8.97 -0.83 0.82	12.76 -0.94 0.00	-0.99 -0.48 5.72	10.33 -0.86 3.38	12.82 -0.73 0.00	13.91 -0.53 0.00	12.88 -0.50 0.00	14.40 -0.45 0.00	16.34 -0.88 0.00	16.03 -1.31 0.04	11.71 -1.76 7.81	42.73 -2.10 -22.96	15.29 -1.93 8.10	120.11 -9.32 0.00	29.57 -2.66 -0.14	19.29 -1.75 -0.26	14.29 -1.20 -0.19	19.81 -1.23 0.00	19.37 -0.89 0.00
HYLAND___LFGE 323620	4.06 -0.02 -0.41	10.56 0.00 -5.29	4.16 -0.04 -0.67	20.55 -0.04 -13.02	15.34 -0.02 -9.05	13.47 -0.10 -2.94	13.68 -0.03 -0.01	21.52 -0.07 -16.38	24.38 0.10 -9.69	13.40 -0.15 0.00	14.40 -0.04 0.00	13.26 -0.12 0.00	14.65 -0.20 0.00	16.74 -0.48 0.00	16.77 -0.72 -0.11	44.55 -0.87 -24.14	123.30 -0.84 -102.28	49.21 -0.10 -23.98	131.57 2.15 0.00	32.64 0.39 -0.15	21.84 0.17 -0.89	16.19 0.09 -0.81	21.25 0.22 0.00	20.62 0.35 0.00
INDECK___CORINTH 23802	8.00 0.18 -4.15	12.71 0.25 -7.19	8.95 0.16 -5.25	9.78 0.35 -1.87	7.50 0.32 -0.88	12.45 0.57 -1.26	14.40 0.71 0.00	19.69 0.32 -14.16	15.44 0.87 0.00	14.30 0.75 0.00	15.12 0.67 0.00	14.00 0.61 0.00	15.54 0.69 0.00	18.09 0.87 0.00	18.30 0.92 0.00	22.80 1.49 -0.03	23.29 1.43 0.00	28.99 1.66 -2.01	138.41 8.98 0.00	38.82 2.32 -4.40	35.61 1.46 -13.38	27.28 0.96 -11.02	22.06 1.02 0.00	21.02 0.75 0.00
INDECK___ILION 23567	3.69 0.01 0.00	5.31 0.03 0.00	3.55 0.02 0.00	7.61 0.05 0.00	6.35 0.04 0.00	10.70 0.07 0.00	13.77 0.07 0.00	5.23 0.02 0.00	14.67 0.10 0.00	13.60 0.05 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.85 0.00 0.00	17.27 0.04 0.00	17.52 0.15 0.00	21.57 0.29 0.00	22.25 0.39 0.00	25.83 0.50 0.00	132.03 2.60 0.00	32.71 0.62 0.00	21.16 0.38 0.00	15.56 0.27 0.00	21.28 0.25 0.00	20.36 0.10 0.00

INDECK___OLEAN 23982	4.06 -0.05 -0.44	5.71 -0.02 -0.46	4.18 -0.07 -0.72	6.23 -0.06 1.28	5.31 -0.05 0.96	10.27 -0.19 0.16	13.46 -0.24 0.00	3.01 -0.23 1.97	13.31 -0.07 1.20	13.62 0.07 0.00	14.73 0.29 0.00	13.61 0.23 0.00	15.17 0.32 0.00	17.39 0.17 0.00	17.22 -0.14 0.01	18.63 -0.26 2.40	64.21 -0.57 -42.92	22.36 -0.34 2.62	127.95 -1.47 0.00	31.57 -0.68 -0.16	20.77 -0.43 -0.43	15.36 -0.28 -0.34	20.95 -0.08 0.00	20.33 0.07 0.00
INDECK___OSWEGO 23783	3.87 0.00 -0.21	5.72 -0.01 -0.46	3.85 -0.01 -0.33	7.66 -0.02 -0.12	6.35 -0.02 -0.06	10.67 -0.04 -0.08	13.69 -0.01 0.00	5.22 0.01 0.00	14.63 0.06 0.00	13.58 0.03 0.00	14.52 0.07 0.00	13.47 0.08 0.00	14.98 0.13 0.00	17.28 0.05 0.00	17.39 0.01 0.00	21.66 0.02 -0.36	69.52 -0.03 -47.69	25.58 0.22 -0.03	131.04 1.62 0.00	32.53 0.36 -0.07	21.19 0.19 -0.22	15.58 0.10 -0.18	21.13 0.10 0.00	20.44 0.17 0.00
INDECK___YERKES 23781	3.81 -0.23 -0.38	4.50 -0.29 0.49	3.90 -0.24 -0.61	3.46 -0.43 3.67	3.33 -0.37 2.62	9.16 -0.76 0.70	12.87 -0.83 0.00	-0.20 -0.43 4.98	10.90 -0.73 2.95	12.92 -0.64 0.00	14.02 -0.43 0.00	12.98 -0.41 0.00	14.51 -0.33 0.00	16.47 -0.75 0.00	16.14 -1.21 0.03	12.93 -1.60 6.76	68.54 -1.97 -48.64	16.53 -1.77 7.03	120.77 -8.68 -0.03	29.75 -2.51 -0.17	19.41 -1.67 -0.29	14.40 -1.11 -0.21	19.92 -1.11 0.00	19.47 -0.79 0.00
INDIAN POINT_GT_1 24139	9.00 0.24 -5.09	10.87 0.31 -5.29	7.61 0.21 -3.87	9.40 0.45 -1.37	7.33 0.37 -0.65	12.18 0.63 -0.93	14.44 0.74 0.00	47.74 0.34 -42.20	15.40 0.83 0.00	14.33 0.78 0.00	15.20 0.75 0.00	14.08 0.69 0.00	15.63 0.78 0.00	18.25 1.03 0.00	18.47 1.09 0.00	22.67 1.36 -0.02	23.27 1.40 0.00	28.48 1.66 -1.50	137.09 7.66 0.00	37.40 2.02 -3.29	32.10 1.34 -9.99	24.52 0.99 -8.23	22.28 1.25 0.00	21.19 0.92 0.00
INDIAN POINT_GT_2 23659	9.00 0.24 -5.09	10.87 0.31 -5.29	7.61 0.21 -3.87	9.40 0.45 -1.37	7.33 0.37 -0.65	12.18 0.63 -0.93	14.44 0.74 0.00	47.74 0.34 -42.20	15.40 0.83 0.00	14.33 0.78 0.00	15.20 0.75 0.00	14.08 0.69 0.00	15.63 0.78 0.00	18.25 1.03 0.00	18.47 1.09 0.00	22.67 1.36 -0.02	23.27 1.40 0.00	28.48 1.66 -1.50	137.09 7.66 0.00	37.40 2.02 -3.29	32.10 1.34 -9.99	24.52 0.99 -8.23	22.28 1.25 0.00	21.19 0.92 0.00
INDIAN POINT_GT_3 24019	9.00 0.24 -5.09	10.87 0.31 -5.29	7.61 0.21 -3.87	9.40 0.45 -1.37	7.33 0.37 -0.65	12.18 0.63 -0.93	14.44 0.74 0.00	47.74 0.34 -42.20	15.40 0.83 0.00	14.33 0.78 0.00	15.20 0.75 0.00	14.08 0.69 0.00	15.63 0.78 0.00	18.25 1.03 0.00	18.47 1.09 0.00	22.67 1.36 -0.02	23.27 1.40 0.00	28.48 1.66 -1.50	137.09 7.66 0.00	37.40 2.02 -3.29	32.10 1.34 -9.99	24.52 0.99 -8.23	22.28 1.25 0.00	21.19 0.92 0.00
INDIAN POINT___2 23530	9.41 0.24 -5.49	10.70 0.31 -5.12	7.49 0.21 -3.75	9.34 0.45 -1.33	7.30 0.37 -0.63	12.14 0.62 -0.90	14.43 0.73 0.00	55.12 0.33 -49.57	15.39 0.81 0.00	14.32 0.77 0.00	15.18 0.74 0.00	14.06 0.68 0.00	15.62 0.77 0.00	18.25 1.02 0.00	18.46 1.08 0.00	22.65 1.34 -0.02	23.24 1.37 0.00	28.42 1.64 -1.46	136.93 7.51 0.00	37.27 1.99 -3.19	31.78 1.31 -9.70	24.27 0.98 -7.99	22.26 1.23 0.00	21.18 0.92 0.00
INDIAN POINT___3 23531	9.04 0.24 -5.13	10.87 0.31 -5.29	7.61 0.21 -3.87	9.39 0.45 -1.37	7.32 0.37 -0.65	12.17 0.62 -0.93	14.43 0.73 0.00	48.25 0.33 -42.71	15.39 0.82 0.00	14.32 0.77 0.00	15.18 0.74 0.00	14.06 0.68 0.00	15.62 0.77 0.00	18.24 1.02 0.00	18.46 1.08 0.00	22.65 1.34 -0.02	23.24 1.37 0.00	28.46 1.63 -1.50	136.96 7.54 0.00	37.37 1.98 -3.29	32.08 1.31 -9.99	24.51 0.98 -8.24	22.26 1.23 0.00	21.17 0.91 0.00
INGHAM_C_115KV_TB7 356103	3.70 0.02 0.00	5.34 0.06 0.00	3.57 0.04 0.00	7.67 0.10 0.00	6.41 0.10 0.00	10.78 0.16 0.00	13.86 0.16 0.00	5.24 0.03 0.00	14.76 0.19 0.00	13.65 0.09 0.00	14.52 0.07 0.00	13.42 0.03 0.00	14.80 -0.05 0.00	17.27 0.04 0.00	17.66 0.28 0.00	21.86 0.57 0.00	22.64 0.78 0.00	26.32 1.00 0.00	134.65 5.23 0.00	33.35 1.26 0.00	21.55 0.78 0.00	15.83 0.54 0.00	21.52 0.49 0.00	20.44 0.18 0.00
IP CORINTH___1 23988	8.00 0.18 -4.15	12.71 0.25 -7.19	8.95 0.16 -5.25	9.78 0.35 -1.87	7.50 0.32 -0.88	12.45 0.57 -1.26	14.40 0.71 0.00	19.69 0.32 -14.16	15.44 0.87 0.00	14.30 0.75 0.00	15.11 0.67 0.00	14.00 0.61 0.00	15.54 0.69 0.00	18.09 0.87 0.00	18.30 0.92 0.00	22.80 1.49 -0.03	23.29 1.43 0.00	28.99 1.66 -2.01	138.41 8.99 0.00	38.82 2.32 -4.40	35.61 1.46 -13.38	27.28 0.96 -11.02	22.05 1.02 0.00	21.01 0.75 0.00
IP___TICONDEROGA 23804	8.12 0.30 -4.15	12.86 0.41 -7.18	9.05 0.27 -5.25	10.03 0.60 -1.86	7.75 0.56 -0.88	12.95 1.06 -1.26	15.04 1.34 0.00	19.95 0.55 -14.19	16.10 1.53 0.00	14.69 1.14 0.00	15.39 0.94 0.00	14.39 1.00 0.00	16.11 1.27 0.00	18.73 1.50 0.00	19.02 1.64 0.00	23.79 2.48 -0.03	24.29 2.43 0.00	30.19 2.85 -2.01	144.66 15.24 0.00	40.30 3.80 -4.40	36.50 2.36 -13.37	27.92 1.61 -11.02	22.76 1.73 0.00	21.46 1.19 0.00
ISLIP_RES_REC 323679	9.00 0.35 -4.97	11.16 0.45 -5.44	7.81 0.30 -3.98	9.65 0.67 -1.41	7.51 0.53 -0.66	12.49 0.91 -0.95	14.70 1.01 0.00	45.00 0.46 -39.32	15.60 1.02 0.00	14.50 0.95 0.00	15.38 0.94 0.00	14.29 0.90 0.00	15.86 1.01 0.00	18.35 1.12 0.00	18.66 1.28 0.00	23.01 1.70 -0.02	23.90 2.03 0.00	29.30 2.43 -1.54	141.08 11.66 0.00	38.28 2.81 -3.37	33.03 2.00 -10.26	25.34 1.60 -8.45	23.14 2.11 0.00	21.82 1.55 0.00
JAMAICA__27_KV_LOAD 355505	8.96 0.31 -4.98	11.14 0.43 -5.44	7.79 0.29 -3.98	9.60 0.62 -1.41	7.49 0.51 -0.66	12.45 0.87 -0.95	14.76 1.06 0.00	45.07 0.45 -39.41	15.72 1.14 0.00	14.58 1.03 0.00	15.40 0.96 0.00	14.29 0.90 0.00	15.90 1.05 0.00	18.54 1.31 0.00	18.73 1.35 0.00	23.00 1.69 -0.02	23.62 1.76 0.00	28.90 2.04 -1.54	138.88 9.45 0.00	37.98 2.51 -3.37	32.68 1.66 -10.25	24.99 1.25 -8.45	22.65 1.62 0.00	21.52 1.25 0.00
JANIS___SOLAR 323808	4.43 0.09 -0.66	7.19 0.15 -1.77	4.70 0.08 -1.09	8.96 0.19 -1.21	7.23 0.16 -0.76	11.36 0.30 -0.44	14.14 0.44 0.00	6.43 0.17 -1.05	15.68 0.48 -0.62	13.78 0.23 0.00	14.76 0.32 0.00	13.65 0.27 0.00	15.23 0.38 0.00	17.65 0.42 0.00	17.76 0.38 -0.01	24.03 0.54 -2.21	89.25 0.56 -66.83	28.24 0.97 -1.95	134.95 5.53 0.00	33.87 1.33 -0.44	22.88 0.74 -1.36	16.85 0.42 -1.13	21.57 0.54 0.00	20.76 0.50 0.00
JARVIS____ 23743	3.67 0.00 0.00	5.27 -0.01 0.00	3.53 0.00 0.00	7.55 -0.01 0.00	6.30 -0.01 0.00	10.62 -0.01 0.00	13.67 -0.02 0.00	5.21 -0.01 0.00	14.57 -0.01 0.00	13.54 -0.01 0.00	14.42 -0.03 0.00	13.37 -0.02 0.00	14.83 -0.01 0.00	17.21 -0.02 0.00	17.38 0.01 0.00	21.32 0.04 0.00	21.93 0.07 0.00	25.43 0.11 0.00	129.94 0.51 0.00	32.21 0.11 0.00	20.84 0.06 0.00	15.34 0.05 0.00	21.06 0.03 0.00	20.27 0.00 0.00

JENNISON___1 23625	4.66 0.10 -0.88	7.42 0.17 -1.97	5.06 0.09 -1.44	8.30 0.22 -0.51	6.75 0.19 -0.24	11.30 0.33 -0.34	14.17 0.47 0.00	5.40 0.19 0.00	15.14 0.57 0.00	13.97 0.42 0.00	14.94 0.49 0.00	13.82 0.43 0.00	15.38 0.54 0.00	17.84 0.62 0.00	17.97 0.59 0.00	23.46 0.82 -1.36	74.99 0.89 -52.24	27.91 1.25 -1.34	135.20 5.77 0.00	34.30 1.43 -0.78	23.99 0.83 -2.39	17.77 0.50 -1.97	21.66 0.63 0.00	20.80 0.54 0.00
JENNISON___2 23626	4.66 0.10 -0.88	7.42 0.17 -1.97	5.06 0.09 -1.44	8.30 0.22 -0.51	6.75 0.19 -0.24	11.30 0.33 -0.34	14.17 0.47 0.00	5.40 0.19 0.00	15.14 0.57 0.00	13.97 0.42 0.00	14.94 0.49 0.00	13.82 0.43 0.00	15.38 0.54 0.00	17.84 0.62 0.00	17.97 0.59 0.00	23.46 0.82 -1.36	74.99 0.89 -52.24	27.91 1.25 -1.34	135.20 5.77 0.00	34.30 1.43 -0.78	23.99 0.83 -2.39	17.77 0.50 -1.97	21.66 0.63 0.00	20.80 0.54 0.00
JERICHO_RISE_WT_PWR 323719	3.52 -0.15 0.00	5.04 -0.24 0.00	3.38 -0.14 0.00	-16.43 -0.32 23.67	1.79 -0.21 4.32	10.43 -0.19 0.00	13.51 -0.19 0.00	5.08 -0.13 0.00	14.33 -0.24 0.00	13.23 -0.33 0.00	14.14 -0.30 0.00	13.12 -0.26 0.00	14.47 -0.38 0.00	16.88 -0.35 0.00	16.98 -0.40 0.00	20.94 -0.35 0.00	21.60 -0.26 0.00	25.06 -0.26 0.00	131.18 1.76 0.00	32.74 0.64 0.00	21.07 0.29 0.00	15.38 0.08 0.00	21.02 -0.01 0.00	20.30 0.04 0.00
KATONAH___115KV_46KV_TB4 355592	8.45 0.26 -4.52	11.22 0.34 -5.61	7.86 0.23 -4.11	9.51 0.48 -1.46	7.40 0.40 -0.69	12.29 0.68 -0.98	14.52 0.82 0.00	36.65 0.37 -31.07	15.50 0.92 0.00	14.40 0.85 0.00	15.27 0.82 0.00	14.14 0.76 0.00	15.68 0.84 0.00	18.32 1.09 0.00	18.54 1.16 0.00	22.76 1.45 -0.02	23.35 1.49 0.00	28.70 1.79 -1.59	137.85 8.42 0.00	37.78 2.20 -3.47	32.79 1.45 -10.56	25.07 1.07 -8.71	22.36 1.33 0.00	21.24 0.98 0.00
KCE_NY_1 323755	8.00 0.17 -4.15	12.69 0.25 -7.17	8.94 0.16 -5.24	9.77 0.34 -1.86	7.49 0.30 -0.88	12.39 0.51 -1.26	14.32 0.62 0.00	19.73 0.29 -14.23	15.34 0.77 0.00	14.20 0.65 0.00	15.02 0.58 0.00	13.91 0.53 0.00	15.46 0.61 0.00	18.00 0.78 0.00	18.21 0.84 0.00	22.55 1.23 -0.03	23.11 1.25 0.00	28.87 1.54 -2.01	137.29 7.87 0.00	38.46 1.97 -4.39	35.39 1.26 -13.36	27.15 0.85 -11.01	22.01 0.97 0.00	21.01 0.75 0.00
KCE_NY_6_ESR 323823	3.86 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.39 4.37	2.88 -0.33 3.11	9.11 -0.68 0.84	12.94 -0.75 0.00	-1.10 -0.42 5.89	10.45 -0.64 3.49	13.03 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.03 0.04	11.87 -1.36 8.06	48.05 -1.65 -27.84	15.51 -1.46 8.35	122.57 -6.86 -0.01	30.18 -2.06 -0.15	19.68 -1.38 -0.28	14.57 -0.93 -0.20	20.14 -0.90 0.00	19.65 -0.61 0.00
KEDC_PORT_JEFF_GT2 24210	8.99 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.63 -1.41	7.48 0.50 -0.66	12.44 0.86 -0.95	14.64 0.94 0.00	44.97 0.44 -39.32	15.52 0.95 0.00	14.43 0.88 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.95 0.00	18.27 1.05 0.00	18.58 1.20 0.00	22.90 1.60 -0.02	23.75 1.89 0.00	29.05 2.18 -1.54	139.80 10.38 0.00	38.01 2.54 -3.37	32.87 1.84 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.48 0.00
KEDC_PORT_JEFF_GT3 24211	8.99 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.63 -1.41	7.48 0.50 -0.66	12.44 0.86 -0.95	14.64 0.94 0.00	44.97 0.44 -39.32	15.52 0.95 0.00	14.43 0.88 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.95 0.00	18.27 1.05 0.00	18.58 1.20 0.00	22.90 1.60 -0.02	23.75 1.89 0.00	29.05 2.18 -1.54	139.80 10.38 0.00	38.01 2.54 -3.37	32.87 1.84 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.48 0.00
KEDC_GLWD_GT4 24219	8.93 0.28 -4.97	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.55 0.86 0.00	44.92 0.39 -39.32	15.51 0.94 0.00	14.44 0.89 0.00	15.35 0.90 0.00	14.22 0.84 0.00	15.76 0.91 0.00	18.38 1.16 0.00	18.64 1.26 0.00	22.89 1.58 -0.02	23.55 1.69 0.00	28.84 1.97 -1.54	138.50 9.08 0.00	37.83 2.36 -3.37	32.64 1.61 -10.26	24.99 1.22 -8.47	22.59 1.55 -0.01	21.40 1.14 0.00
KEDC_GLWD_GT5 24220	8.93 0.28 -4.97	11.08 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.55 0.86 0.00	44.92 0.39 -39.32	15.51 0.94 0.00	14.44 0.89 0.00	15.35 0.90 0.00	14.22 0.84 0.00	15.76 0.91 0.00	18.38 1.16 0.00	18.64 1.26 0.00	22.89 1.58 -0.02	23.55 1.69 0.00	28.84 1.97 -1.54	138.50 9.08 0.00	37.83 2.36 -3.37	32.64 1.61 -10.26	24.99 1.22 -8.47	22.59 1.55 -0.01	21.40 1.14 0.00
KENSICO____ 23655	8.95 0.25 -5.03	11.00 0.33 -5.40	7.70 0.22 -3.95	9.44 0.48 -1.40	7.36 0.39 -0.66	12.23 0.66 -0.94	14.48 0.78 0.00	46.04 0.36 -40.48	15.45 0.87 0.00	14.37 0.82 0.00	15.24 0.79 0.00	14.12 0.73 0.00	15.67 0.82 0.00	18.30 1.07 0.00	18.52 1.15 0.00	22.73 1.42 -0.02	23.32 1.46 0.00	28.58 1.72 -1.53	137.42 7.99 0.00	37.54 2.10 -3.35	32.35 1.39 -10.18	24.73 1.04 -8.39	22.34 1.31 0.00	21.23 0.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	5.89 0.27 -1.94	10.61 0.36 -4.98	7.41 0.25 -3.64	9.38 0.52 -1.29	7.35 0.43 -0.61	12.22 0.73 -0.87	14.62 0.92 0.00	1.19 0.40 4.42	15.62 1.04 0.00	14.51 0.97 0.00	15.40 0.96 0.00	14.21 0.82 0.00	15.74 0.89 0.00	18.42 1.20 0.00	18.66 1.28 0.00	22.91 1.61 -0.02	23.44 1.58 0.00	28.80 2.06 -1.42	139.53 10.11 0.00	37.80 2.60 -3.10	31.91 1.70 -9.44	24.31 1.23 -7.78	22.59 1.56 0.00	21.50 1.24 0.00
KIAC_JFK_GT1 23816	8.95 0.30 -4.98	11.13 0.41 -5.44	7.78 0.28 -3.98	9.58 0.60 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.72 1.02 0.00	45.06 0.44 -39.41	15.67 1.10 0.00	14.54 0.99 0.00	15.36 0.91 0.00	14.26 0.87 0.00	15.85 1.00 0.00	18.49 1.26 0.00	18.68 1.30 0.00	22.93 1.63 -0.02	23.54 1.68 0.00	28.82 1.96 -1.54	138.42 9.00 0.00	37.87 2.40 -3.37	32.61 1.59 -10.25	24.94 1.20 -8.45	22.59 1.56 0.00	21.45 1.19 0.00
KIAC_JFK_GT2 23817	8.95 0.30 -4.98	11.13 0.41 -5.44	7.78 0.28 -3.98	9.58 0.60 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.72 1.02 0.00	45.06 0.44 -39.41	15.67 1.10 0.00	14.54 0.99 0.00	15.36 0.91 0.00	14.26 0.87 0.00	15.85 1.00 0.00	18.49 1.26 0.00	18.68 1.30 0.00	22.93 1.63 -0.02	23.54 1.68 0.00	28.82 1.96 -1.54	138.42 9.00 0.00	37.87 2.40 -3.37	32.61 1.59 -10.25	24.94 1.20 -8.45	22.59 1.56 0.00	21.45 1.19 0.00
KIAC_JFK____ 323774	8.95 0.30 -4.98	11.13 0.42 -5.44	7.78 0.28 -3.98	9.58 0.60 -1.41	7.47 0.49 -0.66	12.42 0.84 -0.95	14.72 1.02 0.00	45.05 0.43 -39.41	15.67 1.09 0.00	14.53 0.99 0.00	15.37 0.93 0.00	14.26 0.87 0.00	15.85 1.00 0.00	18.49 1.26 0.00	18.67 1.30 0.00	22.93 1.63 -0.02	23.53 1.67 0.00	28.82 1.96 -1.54	138.42 9.00 0.00	37.87 2.40 -3.37	32.61 1.59 -10.25	24.94 1.19 -8.45	22.59 1.56 0.00	21.46 1.19 0.00

KINTIGH____ 23543	3.77 -0.25 -0.34	4.78 -0.33 0.17	3.84 -0.25 -0.56	4.55 -0.50 2.53	4.09 -0.41 1.81	9.36 -0.81 0.46	12.77 -0.93 0.00	1.25 -0.47 3.49	11.63 -0.88 2.07	12.82 -0.74 0.00	13.87 -0.58 0.00	12.85 -0.54 0.00	14.35 -0.50 0.00	16.34 -0.89 0.00	16.09 -1.27 0.02	14.94 -1.70 4.64	43.96 -2.01 -24.11	18.52 -1.92 4.89	120.17 -9.25 0.00	29.59 -2.62 -0.12	19.34 -1.71 -0.28	14.33 -1.18 -0.21	19.77 -1.26 0.00	19.30 -0.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	3.57 -0.10 0.00	5.10 -0.17 0.00	3.43 -0.10 0.00	-15.11 -0.23 22.45	2.10 -0.12 4.09	10.58 -0.04 0.00	13.71 0.01 0.00	5.17 -0.04 0.00	14.61 0.04 0.00	13.46 -0.10 0.00	14.40 -0.05 0.00	13.37 -0.01 0.00	14.70 -0.15 0.00	17.16 -0.06 0.00	17.27 -0.10 0.00	21.32 0.03 0.00	22.00 0.13 0.00	25.52 0.19 0.00	133.87 4.45 0.00	33.44 1.34 0.00	21.50 0.72 0.00	15.69 0.39 0.00	21.38 0.34 0.00	20.60 0.34 0.00
LACHUTE__HYDRO 323717	8.12 0.30 -4.15	12.86 0.41 -7.18	9.05 0.26 -5.25	10.03 0.60 -1.86	7.75 0.56 -0.88	12.95 1.06 -1.26	15.04 1.34 0.00	19.95 0.55 -14.19	16.10 1.53 0.00	14.69 1.14 0.00	15.39 0.94 0.00	14.39 1.00 0.00	16.12 1.27 0.00	18.73 1.50 0.00	19.02 1.65 0.00	23.79 2.48 -0.03	24.30 2.43 0.00	30.19 2.85 -2.01	144.70 15.28 0.00	40.30 3.80 -4.40	36.50 2.36 -13.37	27.92 1.61 -11.02	22.76 1.73 0.00	21.46 1.20 0.00
LAWRNCV_115KV_TB1 80681	3.63 -0.04 0.00	5.21 -0.06 0.00	3.49 -0.04 0.00	10.48 -0.07 -2.98	6.81 -0.05 -0.54	10.56 -0.07 0.00	13.74 0.04 0.00	5.19 -0.02 0.00	14.47 -0.11 0.00	13.51 -0.04 0.00	14.45 0.00 0.00	13.38 -0.01 0.00	14.83 -0.02 0.00	17.16 -0.07 0.00	17.23 -0.14 0.00	21.12 -0.17 0.00	21.78 -0.08 0.00	25.18 -0.14 0.00	129.58 0.15 0.00	32.14 0.04 0.00	20.81 0.03 0.00	15.28 -0.01 0.00	21.07 0.04 0.00	20.39 0.12 0.00
LEDERLE____ 23769	2.78 0.25 1.14	10.55 0.32 -4.95	7.37 0.22 -3.62	9.33 0.48 -1.29	7.31 0.39 -0.60	12.15 0.66 -0.87	14.49 0.79 0.00	-46.19 0.35 51.75	15.45 0.87 0.00	14.38 0.83 0.00	15.25 0.81 0.00	14.13 0.75 0.00	15.71 0.86 0.00	18.34 1.12 0.00	18.55 1.18 0.00	22.76 1.46 -0.02	23.35 1.49 0.00	28.51 1.78 -1.41	137.66 8.24 0.00	37.35 2.16 -3.09	31.59 1.42 -9.40	24.09 1.05 -7.74	22.35 1.31 0.00	21.27 1.01 0.00
LIGHTHSE_115KV_TB6 355974	3.80 -0.06 -0.18	5.60 -0.08 -0.41	3.77 -0.06 -0.30	7.98 -0.13 -0.54	6.32 -0.12 -0.13	10.50 -0.19 -0.07	13.47 -0.23 0.00	5.14 -0.07 0.00	14.39 -0.18 0.00	13.37 -0.18 0.00	14.31 -0.14 0.00	13.28 -0.10 0.00	14.77 -0.07 0.00	17.02 -0.20 0.00	17.16 -0.22 0.00	21.33 -0.25 -0.29	60.68 -0.25 -39.06	25.34 0.02 0.00	130.06 0.63 0.00	32.21 0.11 0.00	20.82 0.04 0.00	15.27 -0.02 0.00	20.99 -0.04 0.00	20.33 0.07 0.00
LINDEN COGEN____ 23786	8.92 0.27 -4.98	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.41 -0.66	12.29 0.71 -0.95	14.52 0.83 0.00	15.36 0.38 -9.77	15.48 0.91 0.01	14.39 0.84 0.00	15.25 0.81 0.01	14.14 0.76 0.01	15.71 0.86 0.00	18.38 1.16 0.00	18.59 1.22 0.00	22.80 1.50 -0.02	23.36 1.50 0.00	28.31 1.76 -1.23	135.44 7.82 1.80	37.19 2.12 -2.97	31.56 1.42 -9.36	24.82 1.08 -8.45	22.40 1.37 0.00	21.28 1.02 0.00
LINDHRST_69_KV_BK1 356055	8.98 0.33 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.61 0.63 -1.41	7.48 0.50 -0.66	12.44 0.86 -0.95	14.66 0.96 0.00	44.97 0.44 -39.32	15.59 1.01 0.00	14.49 0.94 0.00	15.46 1.02 0.00	14.32 0.93 0.00	15.82 0.97 0.00	18.36 1.13 0.00	18.68 1.30 0.00	22.97 1.67 -0.02	23.80 1.94 0.00	29.16 2.30 -1.54	140.13 10.71 0.00	38.07 2.60 -3.37	32.88 1.85 -10.26	25.22 1.47 -8.45	22.96 1.93 0.00	21.68 1.41 0.00
LIPA_MISC_IPP 23656	8.99 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.64 -1.41	7.48 0.50 -0.66	12.44 0.87 -0.95	14.63 0.94 0.00	44.97 0.44 -39.32	15.50 0.93 0.00	14.41 0.86 0.00	15.36 0.91 0.00	14.25 0.86 0.00	15.77 0.92 0.00	18.22 1.00 0.00	18.53 1.15 0.00	22.85 1.54 -0.02	23.73 1.86 0.00	29.10 2.23 -1.54	140.12 10.70 0.00	38.03 2.56 -3.37	32.88 1.85 -10.26	25.23 1.49 -8.45	23.02 1.99 0.00	21.70 1.44 0.00
LISF__SOLAR 323691	8.99 0.35 -4.97	11.15 0.43 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.51 -0.66	12.46 0.88 -0.95	14.65 0.95 0.00	44.98 0.45 -39.32	15.52 0.95 0.00	14.42 0.87 0.00	15.29 0.84 0.00	14.21 0.83 0.00	15.78 0.93 0.00	18.22 1.00 0.00	18.53 1.15 0.00	22.86 1.55 -0.02	23.74 1.88 0.00	29.15 2.28 -1.54	140.40 10.97 0.00	38.10 2.63 -3.37	32.92 1.89 -10.26	25.26 1.52 -8.45	23.05 2.02 0.00	21.74 1.47 0.00
LITTLE FALLS__HYD 24013	3.70 0.02 0.00	5.34 0.06 0.00	3.57 0.04 0.00	7.67 0.10 0.00	6.41 0.10 0.00	10.78 0.16 0.00	13.86 0.16 0.00	5.24 0.03 0.00	14.76 0.19 0.00	13.65 0.09 0.00	14.52 0.07 0.00	13.42 0.03 0.00	14.80 -0.05 0.00	17.27 0.04 0.00	17.66 0.28 0.00	21.86 0.57 0.00	22.64 0.78 0.00	26.32 1.00 0.00	134.65 5.23 0.00	33.35 1.26 0.00	21.55 0.78 0.00	15.83 0.54 0.00	21.52 0.49 0.00	20.44 0.18 0.00
LITTLRIV_115KV_TB1 356100	3.66 -0.01 0.00	5.25 -0.02 0.00	3.52 -0.01 0.00	10.83 0.00 -3.27	6.92 0.01 -0.60	10.66 0.04 0.00	13.91 0.21 0.00	5.31 0.10 0.00	14.83 0.25 0.00	13.83 0.28 0.00	14.78 0.33 0.00	13.71 0.32 0.00	15.18 0.33 0.00	17.52 0.30 0.00	17.64 0.27 0.00	21.58 0.30 0.00	22.24 0.38 0.00	25.69 0.36 0.00	132.32 2.89 0.00	32.74 0.64 0.00	21.05 0.28 0.00	15.45 0.16 0.00	21.30 0.26 0.00	20.59 0.32 0.00
LI_NEWBRDGE__DRP 323616	8.92 0.27 -4.97	11.05 0.34 -5.44	7.74 0.23 -3.98	9.49 0.51 -1.41	7.38 0.40 -0.66	12.27 0.69 -0.95	14.44 0.74 0.00	44.89 0.36 -39.32	15.36 0.78 0.00	14.30 0.75 0.00	15.27 0.83 0.00	14.13 0.75 0.00	15.60 0.75 0.00	18.16 0.93 0.00	18.45 1.08 0.00	22.66 1.35 -0.02	23.39 1.53 0.00	28.64 1.77 -1.54	137.40 7.98 0.00	37.49 2.02 -3.37	32.47 1.44 -10.26	24.87 1.14 -8.44	22.52 1.49 0.01	21.28 1.02 0.00
LOCKPORT_115KV_TB60_63_64 80432	3.77 -0.27 -0.36	4.59 -0.34 0.34	3.84 -0.27 -0.59	3.92 -0.50 3.14	3.65 -0.42 2.25	9.17 -0.86 0.59	12.73 -0.97 0.00	0.48 -0.44 4.29	11.17 -0.86 2.54	12.78 -0.77 0.00	13.87 -0.58 0.00	12.84 -0.55 0.00	14.35 -0.50 0.00	16.30 -0.92 0.00	15.93 -1.41 0.03	13.58 -1.92 5.78	51.49 -2.24 -31.87	17.21 -2.07 6.05	119.67 -9.76 -0.01	29.45 -2.78 -0.14	19.23 -1.83 -0.28	14.25 -1.25 -0.21	19.76 -1.27 0.00	19.32 -0.94 0.00
LOCKPORT__CC1 323769	3.77 -0.27 -0.36	4.52 -0.34 0.42	3.85 -0.27 -0.59	3.69 -0.50 3.38	3.48 -0.42 2.41	9.12 -0.86 0.64	12.72 -0.98 0.00	0.15 -0.46 4.60	10.97 -0.88 2.72	12.77 -0.78 0.00	13.85 -0.59 0.00	12.83 -0.56 0.00	14.35 -0.50 0.00	16.29 -0.94 0.00	15.93 -1.41 0.03	13.19 -1.88 6.22	49.71 -2.18 -30.03	16.78 -2.06 6.49	119.72 -9.71 -0.01	29.43 -2.80 -0.14	19.21 -1.84 -0.27	14.25 -1.25 -0.20	19.74 -1.29 0.00	19.29 -0.97 0.00

LOCKPORT___CC2 323770	3.77 -0.27 -0.36	4.52 -0.34 0.42	3.85 -0.27 -0.59	3.69 -0.50 3.38	3.48 -0.42 2.41	9.12 -0.86 0.64	12.72 -0.98 0.00	0.15 -0.46 4.60	10.97 -0.88 2.72	12.77 -0.78 0.00	13.85 -0.59 0.00	12.83 -0.56 0.00	14.35 -0.50 0.00	16.29 -0.94 0.00	15.93 -1.41 0.03	13.19 -1.88 6.22	49.71 -2.18 -30.03	16.78 -2.06 6.49	119.72 -9.71 -0.01	29.43 -2.80 -0.14	19.21 -1.84 -0.27	14.25 -1.25 -0.20	19.74 -1.29 0.00	19.29 -0.97 0.00
LOCKPORT___CC3 323771	3.77 -0.27 -0.36	4.52 -0.34 0.42	3.85 -0.27 -0.59	3.69 -0.50 3.38	3.48 -0.42 2.41	9.12 -0.86 0.64	12.72 -0.98 0.00	0.15 -0.46 4.60	10.97 -0.88 2.72	12.77 -0.78 0.00	13.85 -0.59 0.00	12.83 -0.56 0.00	14.35 -0.50 0.00	16.29 -0.94 0.00	15.93 -1.41 0.03	13.19 -1.88 6.22	49.71 -2.18 -30.03	16.78 -2.06 6.49	119.72 -9.71 -0.01	29.43 -2.80 -0.14	19.21 -1.84 -0.27	14.25 -1.25 -0.20	19.74 -1.29 0.00	19.29 -0.97 0.00
LONG_LAKE_PHOENIX 24014	3.87 -0.01 -0.21	5.72 -0.01 -0.46	3.85 -0.01 -0.34	7.66 -0.03 -0.12	6.34 -0.03 -0.06	10.66 -0.04 -0.08	13.67 -0.02 0.00	5.21 0.00 0.00	14.62 0.04 0.00	13.57 0.02 0.00	14.50 0.06 0.00	13.45 0.07 0.00	14.96 0.11 0.00	17.27 0.04 0.00	17.37 0.00 0.00	21.61 -0.01 -0.34	67.72 -0.08 -45.93	25.49 0.14 -0.03	130.48 1.06 0.00	32.41 0.23 -0.07	21.12 0.11 -0.22	15.53 0.05 -0.19	21.06 0.03 0.00	20.38 0.11 0.00
LOVETT___3 23632	2.71 0.23 1.19	10.57 0.30 -5.00	7.39 0.21 -3.65	9.31 0.44 -1.30	7.28 0.36 -0.61	12.11 0.61 -0.87	14.42 0.72 0.00	-47.36 0.32 52.90	15.38 0.80 0.00	14.30 0.75 0.00	15.18 0.74 0.00	14.06 0.68 0.00	15.62 0.77 0.00	18.24 1.02 0.00	18.46 1.08 0.00	22.64 1.33 -0.02	23.22 1.36 0.00	28.37 1.62 -1.43	136.89 7.46 0.00	37.18 1.96 -3.12	31.55 1.30 -9.47	24.07 0.97 -7.80	22.24 1.21 0.00	21.17 0.90 0.00
LOVETT___4 23642	2.71 0.23 1.19	10.57 0.30 -5.00	7.39 0.21 -3.65	9.31 0.44 -1.30	7.28 0.36 -0.61	12.11 0.61 -0.87	14.42 0.72 0.00	-47.36 0.32 52.90	15.38 0.80 0.00	14.30 0.75 0.00	15.18 0.74 0.00	14.06 0.68 0.00	15.62 0.77 0.00	18.24 1.02 0.00	18.46 1.08 0.00	22.64 1.33 0.00	23.22 1.36 0.00	28.37 1.62 -1.43	136.89 7.46 0.00	37.18 1.96 -3.12	31.55 1.30 -9.47	24.07 0.97 -7.80	22.24 1.21 0.00	21.17 0.90 0.00
LOVETT___5 23593	2.71 0.23 1.19	10.57 0.30 -5.00	7.39 0.21 -3.65	9.31 0.44 -1.30	7.28 0.36 -0.61	12.11 0.61 -0.87	14.42 0.72 0.00	-47.36 0.32 52.90	15.38 0.80 0.00	14.30 0.75 0.00	15.18 0.74 0.00	14.06 0.68 0.00	15.62 0.77 0.00	18.24 1.02 0.00	18.46 1.08 0.00	22.64 1.33 -0.02	23.22 1.36 0.00	28.37 1.62 -1.43	136.89 7.46 0.00	37.18 1.96 -3.12	31.55 1.30 -9.47	24.07 0.97 -7.80	22.24 1.21 0.00	21.17 0.90 0.00
LOWER RAQUET___HYD 24057	3.62 -0.05 0.00	5.20 -0.07 0.00	3.48 -0.05 0.00	11.02 -0.08 -3.54	6.90 -0.06 -0.65	10.54 -0.09 0.00	13.73 0.03 0.00	5.18 -0.03 0.00	14.43 -0.14 0.00	13.50 -0.05 0.00	14.42 -0.03 0.00	13.36 -0.03 0.00	14.82 -0.03 0.00	17.14 -0.09 0.00	17.20 -0.18 0.00	21.08 -0.20 0.00	21.75 -0.11 0.00	25.17 -0.16 0.00	129.54 0.12 0.00	32.15 0.05 0.00	20.81 0.03 0.00	15.28 -0.02 0.00	21.06 0.03 0.00	20.38 0.12 0.00
LOWER___HUDSON 24059	7.94 0.12 -4.14	12.53 0.18 -7.08	8.83 0.12 -5.18	9.65 0.25 -1.84	7.39 0.21 -0.87	12.21 0.35 -1.24	14.08 0.38 0.00	20.13 0.20 -14.72	15.05 0.48 0.00	13.93 0.38 0.00	14.75 0.30 0.00	13.67 0.28 0.00	15.17 0.32 0.00	17.67 0.45 0.00	17.90 0.52 0.00	22.09 0.78 -0.03	22.67 0.81 0.00	28.28 0.97 -1.99	134.34 4.92 0.00	37.70 1.25 -4.35	34.81 0.82 -13.21	26.76 0.57 -10.89	21.67 0.64 0.00	20.67 0.40 0.00
LOWVILLE_115KV_TB2 356335	3.63 -0.14 -0.10	5.28 -0.21 -0.22	3.57 -0.12 -0.16	8.37 -0.30 -1.10	6.27 -0.27 -0.22	10.34 -0.32 -0.04	13.32 -0.38 0.00	5.09 -0.12 0.00	14.18 -0.40 0.00	13.21 -0.34 0.00	14.10 -0.35 0.00	13.13 -0.26 0.00	14.63 -0.22 0.00	16.82 -0.41 0.00	16.96 -0.41 0.00	21.12 -0.29 -0.12	38.50 -0.04 -16.68	25.62 0.29 0.00	131.49 2.06 0.00	32.52 0.42 0.00	20.98 0.20 0.00	15.40 0.10 0.00	21.29 0.25 0.00	20.58 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	8.00 0.17 -4.15	12.69 0.25 -7.17	8.94 0.16 -5.24	9.77 0.34 -1.86	7.49 0.30 -0.88	12.39 0.51 -1.26	14.32 0.63 0.00	19.73 0.29 -14.23	15.32 0.75 0.00	14.18 0.64 0.00	15.01 0.56 0.00	13.91 0.53 0.00	15.45 0.60 0.00	18.00 0.77 0.00	18.21 0.84 0.00	22.54 1.22 -0.03	23.10 1.23 0.00	28.83 1.50 -2.01	137.13 7.71 0.00	38.43 1.94 -4.39	35.37 1.24 -13.36	27.15 0.84 -11.01	22.01 0.98 0.00	21.00 0.74 0.00
LUTHERNY_35_KV_BK2 355980	8.00 0.17 -4.15	12.69 0.25 -7.17	8.94 0.16 -5.24	9.77 0.34 -1.86	7.49 0.30 -0.88	12.39 0.51 -1.26	14.32 0.62 0.00	19.73 0.29 -14.23	15.34 0.77 0.00	14.20 0.65 0.00	15.02 0.58 0.00	13.91 0.53 0.00	15.46 0.61 0.00	18.00 0.78 0.00	18.22 0.84 0.00	22.55 1.23 -0.03	23.11 1.25 0.00	28.87 1.54 -2.01	137.29 7.86 0.00	38.46 1.97 -4.39	35.39 1.26 -13.36	27.15 0.85 -11.01	22.01 0.97 0.00	21.01 0.75 0.00
LWR___OSWEGATCHIE_HYD 23850	3.63 -0.11 -0.07	5.26 -0.17 -0.16	3.54 -0.10 -0.11	9.80 -0.22 -2.46	6.58 -0.19 -0.46	10.39 -0.26 -0.03	13.45 -0.24 0.00	5.11 -0.10 0.00	14.24 -0.34 0.00	13.29 -0.26 0.00	14.20 -0.25 0.00	13.19 -0.20 0.00	14.65 -0.20 0.00	16.89 -0.33 0.00	17.00 -0.37 0.00	21.01 -0.36 -0.09	34.29 -0.20 -12.63	25.26 -0.06 0.00	129.90 0.48 0.00	32.19 0.09 0.00	20.81 0.03 0.00	15.27 -0.03 0.00	21.06 0.02 0.00	20.38 0.12 0.00
LYONS_FALL_HYD 23570	3.71 -0.06 -0.09	5.38 -0.10 -0.21	3.63 -0.05 -0.15	8.19 -0.14 -0.76	6.34 -0.13 -0.15	10.54 -0.12 -0.04	13.57 -0.13 0.00	5.18 -0.03 0.00	14.45 -0.12 0.00	13.46 -0.09 0.00	14.36 -0.09 0.00	13.35 -0.04 0.00	14.84 0.00 0.00	17.12 -0.11 0.00	17.27 -0.10 0.00	21.40 0.01 -0.11	36.97 0.18 -14.92	25.77 0.45 0.00	132.16 2.74 0.00	32.71 0.61 0.00	21.11 0.33 0.00	15.50 0.20 0.00	21.35 0.32 0.00	20.60 0.34 0.00
MADISON___COUNTY_LFGE 323628	3.86 0.03 -0.15	5.67 0.06 -0.33	3.81 0.04 -0.24	7.74 0.08 -0.09	6.42 0.07 -0.04	10.83 0.15 -0.06	13.92 0.22 0.00	5.30 0.09 0.00	14.84 0.26 0.00	13.78 0.23 0.00	14.71 0.26 0.00	13.64 0.25 0.00	15.13 0.28 0.00	17.51 0.28 0.00	17.67 0.30 0.00	21.89 0.41 -0.20	49.31 0.44 -27.00	25.95 0.62 0.00	132.99 3.56 0.00	32.96 0.86 0.00	21.28 0.50 0.00	15.62 0.32 0.00	21.43 0.40 0.00	20.63 0.37 0.00
MALONE___115KV_TB1 356076	3.58 -0.10 0.00	5.12 -0.15 0.00	3.44 -0.09 0.00	22.38 -0.20 -15.02	8.93 -0.12 -2.74	10.55 -0.07 0.00	13.69 -0.01 0.00	5.16 -0.05 0.00	14.51 -0.07 0.00	13.43 -0.11 0.00	14.37 -0.08 0.00	13.32 -0.06 0.00	14.70 -0.14 0.00	17.10 -0.13 0.00	17.20 -0.18 0.00	21.17 -0.11 0.00	21.85 -0.02 0.00	25.35 0.03 0.00	132.34 2.92 0.00	32.96 0.86 0.00	21.24 0.46 0.00	15.52 0.22 0.00	21.24 0.21 0.00	20.51 0.25 0.00

MILLSEAT___LFGE 323607	3.83 -0.19 -0.34	4.86 -0.23 0.18	3.89 -0.20 -0.56	4.64 -0.35 2.58	4.17 -0.29 1.85	9.54 -0.61 0.47	13.06 -0.64 0.00	1.33 -0.32 3.56	11.95 -0.52 2.11	13.09 -0.46 0.00	14.17 -0.27 0.00	13.10 -0.28 0.00	14.63 -0.22 0.00	16.68 -0.54 0.00	16.35 -1.01 0.02	15.19 -1.36 4.73	52.67 -1.58 -32.39	18.99 -1.34 4.99	123.53 -5.90 -0.01	30.41 -1.82 -0.13	19.85 -1.21 -0.28	14.68 -0.83 -0.21	20.24 -0.79 0.00	19.72 -0.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	8.96 0.24 -5.05	10.93 0.32 -5.34	7.65 0.21 -3.91	9.42 0.46 -1.39	7.34 0.37 -0.65	12.20 0.64 -0.93	14.45 0.75 0.00	46.73 0.35 -41.18	15.42 0.84 0.00	14.34 0.79 0.00	15.21 0.77 0.00	14.09 0.71 0.00	15.64 0.79 0.00	18.27 1.04 0.00	18.49 1.11 0.00	22.68 1.38 -0.02	23.28 1.42 0.00	28.52 1.68 -1.52	137.17 7.75 0.00	37.46 2.04 -3.32	32.21 1.35 -10.08	24.61 1.01 -8.31	22.29 1.26 0.00	21.20 0.93 0.00
MILLWOOD_13_KV_LOAD 356217	8.97 0.25 -5.05	10.94 0.33 -5.34	7.66 0.22 -3.91	9.43 0.48 -1.39	7.35 0.39 -0.65	12.22 0.66 -0.93	14.49 0.79 0.00	46.74 0.36 -41.18	15.46 0.88 0.00	14.38 0.83 0.00	15.25 0.81 0.00	14.13 0.74 0.00	15.68 0.83 0.00	18.31 1.09 0.00	18.53 1.16 0.00	22.74 1.43 -0.02	23.35 1.49 0.00	28.59 1.76 -1.52	137.56 8.14 0.00	37.55 2.14 -3.32	32.27 1.41 -10.08	24.66 1.06 -8.31	22.35 1.32 0.00	21.25 0.98 0.00
MODEL_CITY_ENERGY 24167	3.74 -0.30 -0.37	4.49 -0.38 0.40	3.82 -0.31 -0.60	3.65 -0.56 3.36	3.44 -0.47 2.40	9.02 -0.97 0.63	12.58 -1.11 0.00	0.15 -0.49 4.58	10.83 -1.04 2.71	12.61 -0.94 0.00	13.69 -0.75 0.00	12.68 -0.70 0.00	14.18 -0.66 0.00	16.08 -1.14 0.00	15.73 -1.61 0.03	12.98 -2.12 6.18	48.34 -2.45 -28.93	16.49 -2.39 6.45	118.04 -11.39 0.00	29.01 -3.22 -0.13	18.96 -2.10 -0.28	14.07 -1.44 -0.21	19.52 -1.51 0.00	19.08 -1.19 0.00
MODERN_LFGE___ 323580	3.74 -0.30 -0.37	4.49 -0.38 0.40	3.82 -0.31 -0.60	3.65 -0.56 3.36	3.44 -0.47 2.40	9.02 -0.97 0.63	12.58 -1.11 0.00	0.15 -0.49 4.58	10.83 -1.04 2.71	12.61 -0.94 0.00	13.69 -0.75 0.00	12.68 -0.70 0.00	14.18 -0.66 0.00	16.08 -1.14 0.00	15.73 -1.61 0.03	12.98 -2.12 6.18	48.34 -2.45 -28.93	16.49 -2.39 6.45	118.04 -11.39 0.00	29.01 -3.22 -0.13	18.96 -2.10 -0.28	14.07 -1.44 -0.21	19.52 -1.51 0.00	19.08 -1.19 0.00
MOHAWK_PAPER___DRP 24187	7.90 0.11 -4.12	12.46 0.15 -7.04	8.77 0.10 -5.14	9.61 0.21 -1.83	7.36 0.18 -0.86	12.15 0.29 -1.23	13.99 0.30 0.00	20.24 0.17 -14.86	14.95 0.38 0.00	13.85 0.29 0.00	14.68 0.23 0.00	13.60 0.21 0.00	15.07 0.23 0.00	17.57 0.34 0.00	17.81 0.43 0.00	21.95 0.64 -0.03	22.54 0.68 0.00	28.14 0.85 -1.97	133.68 4.26 0.00	37.48 1.08 -4.30	34.55 0.69 -13.08	26.56 0.48 -10.78	21.53 0.50 0.00	20.54 0.27 0.00
MOHICAN___35_KV_115KV_LD 80490	8.02 0.19 -4.15	12.72 0.27 -7.18	8.95 0.17 -5.25	9.81 0.38 -1.86	7.53 0.34 -0.88	12.50 0.62 -1.26	14.47 0.77 0.00	19.76 0.34 -14.20	15.51 0.93 0.00	14.33 0.78 0.00	15.14 0.69 0.00	14.04 0.65 0.00	15.60 0.75 0.00	18.16 0.93 0.00	18.38 1.01 0.00	22.88 1.57 -0.03	23.40 1.54 0.00	29.13 1.80 -2.01	139.04 9.61 0.00	38.95 2.46 -4.39	35.68 1.54 -13.36	27.34 1.03 -11.01	22.15 1.12 0.00	21.09 0.82 0.00
MONGAUP___HYD 23641	3.33 0.22 0.57	10.04 0.29 -4.48	7.00 0.20 -3.28	9.15 0.42 -1.16	7.20 0.34 -0.55	12.00 0.59 -0.78	14.40 0.70 0.00	-34.23 0.31 39.75	15.36 0.78 0.00	14.26 0.71 0.00	15.07 0.62 0.00	13.85 0.46 0.00	15.25 0.40 0.00	17.81 0.59 0.00	17.98 0.60 0.00	22.14 0.84 -0.02	22.84 0.97 0.00	27.85 1.24 -1.29	135.37 5.95 0.00	36.47 1.55 -2.82	30.35 1.01 -8.57	23.11 0.76 -7.06	22.10 1.07 0.00	21.15 0.89 0.00
MONTAUK___DIESEL 23721	9.09 0.45 -4.97	11.29 0.57 -5.44	7.89 0.39 -3.98	9.83 0.85 -1.41	7.66 0.69 -0.66	12.76 1.18 -0.95	15.07 1.37 0.00	45.14 0.60 -39.32	16.00 1.42 0.00	14.87 1.32 0.00	15.85 1.40 0.00	14.68 1.29 0.00	16.25 1.40 0.00	18.77 1.54 0.00	19.08 1.70 0.00	23.53 2.22 -0.02	24.46 2.60 0.00	30.02 3.15 -1.54	145.13 15.71 0.00	39.24 3.77 -3.37	33.59 2.56 -10.26	25.73 1.98 -8.45	23.65 2.62 0.00	22.28 2.01 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	3.94 -0.16 -0.42	4.88 -0.17 0.22	4.04 -0.18 -0.69	4.07 -0.34 3.15	3.78 -0.27 2.26	9.39 -0.66 0.57	12.96 -0.73 0.00	0.44 -0.42 4.35	11.39 -0.60 2.59	13.12 -0.43 0.00	14.19 -0.26 0.00	13.12 -0.27 0.00	14.70 -0.15 0.00	16.83 -0.40 0.00	16.63 -0.72 0.03	14.53 -0.93 5.83	53.70 -1.03 -32.87	18.53 -0.69 6.10	125.36 -4.07 0.00	31.03 -1.22 -0.15	20.16 -0.96 -0.34	14.80 -0.76 -0.26	20.30 -0.73 0.00	19.84 -0.43 0.00
MORTIMER_115KV_TB3 55949	3.84 -0.12 -0.29	5.75 -0.16 -0.64	3.87 -0.13 -0.47	7.48 -0.26 -0.17	6.18 -0.21 -0.08	10.35 -0.39 -0.11	13.28 -0.41 0.00	5.00 -0.21 0.00	14.23 -0.35 0.00	13.25 -0.30 0.00	14.24 -0.20 0.00	13.20 -0.19 0.00	14.70 -0.15 0.00	16.85 -0.37 0.00	16.80 -0.58 0.00	20.75 -0.80 -0.27	56.54 -0.94 -35.62	24.59 -0.78 -0.05	126.01 -3.41 0.00	31.16 -1.04 -0.10	20.38 -0.71 -0.31	15.04 -0.51 -0.26	20.48 -0.55 0.00	19.87 -0.40 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	8.92 0.27 -4.98	11.07 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.30 0.72 -0.95	14.56 0.86 0.00	45.01 0.39 -39.41	15.53 0.96 0.00	14.44 0.89 0.00	15.31 0.87 0.00	14.19 0.80 0.00	15.74 0.89 0.00	18.40 1.18 0.00	18.62 1.24 0.00	22.84 1.54 -0.02	23.43 1.57 0.00	28.70 1.83 -1.54	137.82 8.40 0.00	37.70 2.23 -3.37	32.51 1.48 -10.25	24.86 1.11 -8.45	22.45 1.42 0.00	21.31 1.05 0.00
MUNSVILLE_WIND_PWR 323609	4.59 0.15 -0.77	7.46 0.24 -1.94	4.93 0.14 -1.26	8.95 0.31 -1.07	7.23 0.27 -0.65	11.58 0.51 -0.44	14.43 0.73 0.00	6.29 0.28 -0.80	15.90 0.85 -0.47	14.19 0.64 0.00	15.18 0.74 0.00	14.02 0.63 0.00	15.65 0.80 0.00	18.20 0.98 0.00	18.36 0.97 -0.01	24.38 1.32 -1.78	82.78 1.41 -59.51	28.93 1.97 -1.64	139.67 10.25 0.00	35.18 2.47 -0.61	24.03 1.37 -1.88	17.64 0.80 -1.55	22.05 1.02 0.00	21.12 0.86 0.00
N SALMON___HYD 24042	3.58 -0.10 0.00	5.12 -0.15 0.00	3.44 -0.09 0.00	22.38 -0.20 -15.02	8.93 -0.12 -2.74	10.55 -0.07 0.00	13.69 -0.01 0.00	5.15 -0.06 0.00	14.51 -0.07 0.00	13.44 -0.11 0.00	14.37 -0.08 0.00	13.32 -0.06 0.00	14.70 -0.14 0.00	17.10 -0.13 0.00	17.20 -0.18 0.00	21.17 -0.11 0.00	21.85 -0.02 0.00	25.35 0.03 0.00	132.25 2.83 0.00	32.96 0.86 0.00	21.24 0.46 0.00	15.52 0.22 0.00	21.24 0.21 0.00	20.51 0.25 0.00
N.AKRON___115KV_KNAPP 355671	3.82 -0.21 -0.35	4.77 -0.26 0.25	3.88 -0.22 -0.57	4.37 -0.39 2.81	3.98 -0.33 2.01	9.43 -0.68 0.52	12.98 -0.72 0.00	1.01 -0.35 3.85	11.69 -0.61 2.28	13.01 -0.54 0.00	14.10 -0.35 0.00	13.04 -0.34 0.00	14.56 -0.29 0.00	16.73 -0.49 0.00	16.24 -1.11 0.03	14.58 -1.56 5.15	52.22 -1.82 -32.18	18.35 -1.57 5.41	122.36 -7.07 -0.01	30.13 -2.10 -0.13	19.66 -1.40 -0.28	14.55 -0.96 -0.21	20.11 -0.92 0.00	19.64 -0.63 0.00

N.BELMOR_69_KV_BK1 55787	8.94 0.30 -4.97	11.09 0.37 -5.44	7.77 0.26 -3.98	9.54 0.56 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.55 0.85 0.00	44.93 0.40 -39.32	15.48 0.91 0.00	14.41 0.86 0.00	15.38 0.94 0.00	14.22 0.84 0.00	15.68 0.83 0.00	18.29 1.07 0.00	18.58 1.21 0.00	22.84 1.53 -0.02	23.58 1.72 0.00	28.87 2.01 -1.54	138.37 8.95 0.00	37.76 2.29 -3.37	32.66 1.63 -10.26	25.06 1.29 -8.47	22.71 1.67 -0.01	21.45 1.19 0.00
N.E_GEN_SANDY PD 24062	8.06 0.15 -4.23	11.88 0.21 -6.40	8.35 0.14 -4.68	9.52 0.29 -1.66	7.34 0.24 -0.78	12.15 0.40 -1.12	14.14 0.44 0.00	27.92 0.22 -22.49	15.23 0.54 -0.11	13.91 0.46 0.09	14.84 0.39 0.00	13.75 0.36 0.00	15.24 0.39 0.00	17.77 0.55 0.00	18.01 0.63 0.00	22.15 0.84 -0.03	22.74 0.87 0.00	28.67 1.07 -2.28	134.58 5.15 0.00	36.34 1.36 -2.88	33.51 0.91 -11.82	25.69 0.65 -9.75	21.76 0.73 0.00	20.45 0.45 0.26
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	2.75 0.24 1.16	10.56 0.31 -4.98	7.38 0.21 -3.64	9.31 0.45 -1.29	7.29 0.37 -0.61	12.12 0.62 -0.87	14.44 0.74 0.00	-46.77 -0.33 52.32	15.40 0.82 0.00	14.33 0.78 0.00	15.20 0.75 0.00	14.08 0.69 0.00	15.65 0.80 0.00	18.27 1.05 0.00	18.49 1.11 0.00	22.68 1.38 -0.02	23.27 1.40 0.00	28.42 1.68 -1.42	137.15 7.72 0.00	37.23 2.03 -3.10	31.55 1.34 -9.43	24.07 0.99 -7.77	22.28 1.25 0.00	21.21 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	8.93 0.28 -4.98	11.09 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.33 0.75 -0.95	14.58 0.88 0.00	45.03 0.41 -39.41	15.55 0.98 0.00	14.45 0.90 0.00	15.29 0.84 0.00	14.20 0.82 0.00	15.76 0.91 0.00	18.42 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.67 1.81 -1.54	137.56 8.13 0.00	37.67 2.20 -3.37	32.50 1.48 -10.25	24.87 1.13 -8.45	22.46 1.43 0.00	21.32 1.05 0.00
N.TROY___115KV_TB1 355778	7.94 0.12 -4.14	12.53 0.18 -7.08	8.83 0.12 -5.18	9.65 0.25 -1.84	7.39 0.21 -0.87	12.21 0.35 -1.24	14.08 0.38 0.00	20.13 0.20 -14.72	15.05 0.48 0.00	13.93 0.38 0.00	14.75 0.30 0.00	13.67 0.28 0.00	15.17 0.32 0.00	17.67 0.45 0.00	17.90 0.52 0.00	22.10 0.78 -0.03	22.67 0.81 0.00	28.28 0.97 -1.99	134.34 4.92 0.00	37.70 1.25 -4.35	34.81 0.82 -13.21	26.76 0.57 -10.89	21.67 0.64 0.00	20.67 0.40 0.00
NARROWS_GT1_1 24228	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_2 24229	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_3 24230	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_4 24231	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_5 24232	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_6 24233	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_7 24234	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT1_8 24235	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_1 24236	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_2 24237	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00

NARROWS_GT2_3 24238	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_4 24239	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_5 24240	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_6 24241	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_7 24242	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NARROWS_GT2_8 24243	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.11 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	7.51 0.13 -3.71	12.06 0.20 -6.59	8.47 0.13 -4.82	9.55 0.28 -1.71	7.36 0.24 -0.80	12.16 0.38 -1.15	14.15 0.45 0.00	17.22 0.23 -11.78	15.17 0.59 0.00	13.95 0.40 0.00	14.76 0.32 0.00	13.64 0.26 0.00	14.94 0.10 0.00	17.60 0.37 0.00	17.87 0.50 0.00	22.06 0.75 -0.03	22.81 0.95 0.00	28.38 1.20 -1.85	135.85 6.42 0.00	37.76 1.62 -4.04	34.08 1.02 -12.28	26.10 0.68 -10.12	21.77 0.74 0.00	20.76 0.49 0.00
NCHELSEA_115KV_TR2 355582	6.89 0.25 -2.96	11.08 0.33 -5.48	7.76 0.22 -4.01	9.46 0.48 -1.42	7.38 0.39 -0.67	12.25 0.67 -0.96	14.51 0.81 0.00	12.65 0.37 -7.07	15.52 0.94 0.00	14.44 0.89 0.00	15.33 0.88 0.00	14.18 0.79 0.00	15.72 0.87 0.00	18.36 1.14 0.00	18.60 1.22 0.00	22.84 1.53 -0.02	23.43 1.56 0.00	28.75 1.88 -1.55	138.44 9.01 0.00	37.81 2.33 -3.38	32.58 1.53 -10.27	24.87 1.11 -8.47	22.42 1.39 0.00	21.33 1.06 0.00
NEG CAPITAL___MECHNVIL 23645	7.99 0.17 -4.15	12.66 0.24 -7.15	8.92 0.16 -5.23	9.76 0.34 -1.86	7.48 0.29 -0.87	12.38 0.51 -1.25	14.31 0.62 0.00	19.85 0.28 -14.35	15.31 0.73 0.00	14.17 0.62 0.00	15.00 0.55 0.00	13.90 0.52 0.00	15.44 0.60 0.00	17.99 0.76 0.00	18.21 0.83 0.00	22.52 1.21 -0.03	23.10 1.24 0.00	28.83 1.50 -2.01	137.13 7.70 0.00	38.41 1.93 -4.38	35.32 1.22 -13.32	27.11 0.84 -10.98	22.01 0.98 0.00	21.00 0.73 0.00
NEG CENTRAL_HIGH_ACRES 23767	3.80 -0.15 -0.28	5.69 -0.21 -0.63	3.83 -0.16 -0.46	7.40 -0.33 -0.16	6.12 -0.27 -0.08	10.26 -0.47 -0.11	13.17 -0.52 0.00	4.97 -0.24 0.00	14.10 -0.48 0.00	13.13 -0.43 0.00	14.09 -0.36 0.00	13.04 -0.34 0.00	14.51 -0.34 0.00	16.67 -0.56 0.00	16.65 -0.72 0.00	20.69 -0.95 -0.36	69.66 -1.06 -48.85	24.40 -0.96 -0.05	124.95 -4.47 0.00	30.93 -1.27 -0.10	20.23 -0.86 -0.31	14.91 -0.64 -0.26	20.22 -0.81 0.00	19.59 -0.67 0.00
NEG CENTRAL___DRP 24199	3.95 -0.04 -0.31	6.35 -0.03 -1.10	4.00 -0.04 -0.51	8.87 -0.07 -1.37	7.19 -0.05 -0.92	10.91 -0.10 -0.38	13.63 -0.07 0.00	6.69 -0.06 -1.53	15.44 -0.04 -0.90	13.47 -0.08 0.00	14.43 -0.01 0.00	13.35 -0.03 0.00	14.84 -0.01 0.00	17.09 -0.13 0.00	17.17 -0.22 -0.01	23.82 -0.30 -2.85	94.81 -0.42 -73.36	27.56 -0.17 -2.41	128.63 -0.79 0.00	31.97 -0.24 -0.11	20.99 -0.17 -0.39	15.47 -0.15 -0.33	20.82 -0.21 0.00	20.13 -0.13 0.00
NEG CENTRAL___INDECK 23768	4.03 -0.06 -0.41	10.53 -0.05 -5.31	4.13 -0.07 -0.67	20.54 -0.11 -13.08	15.33 -0.08 -9.10	13.37 -0.21 -2.96	13.52 -0.19 -0.01	21.54 -0.13 -16.46	24.24 -0.07 -9.74	13.34 -0.21 0.00	14.35 -0.10 0.00	13.25 -0.14 0.00	14.72 -0.13 0.00	16.83 -0.40 0.00	16.85 -0.64 -0.11	44.76 -0.78 -24.25	123.65 -0.81 -102.59	49.12 -0.29 -24.09	129.81 0.38 0.00	32.15 -0.09 -0.15	21.53 -0.14 -0.90	15.98 -0.13 -0.81	20.99 -0.05 0.00	20.38 0.11 0.00
NEG CENTRAL___SENECA 23627	3.98 -0.04 -0.34	6.66 -0.03 -1.41	4.04 -0.05 -0.56	9.59 -0.07 -2.09	7.68 -0.05 -1.41	11.07 -0.10 -0.54	13.64 -0.06 0.00	7.57 -0.06 -2.42	15.99 -0.02 -1.43	13.50 -0.05 0.00	14.48 0.03 0.00	13.38 0.00 0.00	14.88 0.03 0.00	17.11 -0.12 0.00	17.17 -0.22 -0.02	25.02 -0.31 -4.04	84.55 -0.43 -63.12	28.91 -0.12 -3.72	128.85 -0.58 0.00	32.01 -0.21 -0.12	21.09 -0.13 -0.45	15.54 -0.14 -0.38	20.86 -0.17 0.00	20.19 -0.08 0.00
NEG CENTRAL___STATE_STREET 24147	3.99 0.01 -0.31	6.17 0.04 -0.86	4.04 0.01 -0.50	8.25 0.00 -0.69	6.78 0.03 -0.44	10.91 0.05 -0.23	13.80 0.10 0.00	5.87 0.01 -0.65	15.07 0.12 -0.38	13.60 0.05 0.00	14.55 0.10 0.00	13.44 0.06 0.00	14.97 0.12 0.00	17.30 0.07 0.00	17.38 0.00 0.00	22.91 -0.04 -1.66	104.22 -0.17 -82.53	26.54 0.09 -1.13	130.23 0.81 0.00	32.35 0.13 -0.11	21.17 0.02 -0.37	15.63 0.03 -0.31	20.97 -0.06 0.00	20.26 -0.01 0.00
NEG MILLWOOD___DRP 24198	7.81 0.27 -3.87	11.23 0.35 -5.60	7.86 0.23 -4.10	9.52 0.50 -1.45	7.41 0.42 -0.68	12.31 0.71 -0.98	14.56 0.86 0.00	26.58 0.39 -20.98	15.61 1.03 0.00	14.55 1.00 0.00	15.44 1.00 0.00	14.28 0.90 0.00	15.80 0.96 0.00	18.46 1.23 0.00	18.71 1.33 0.00	22.98 1.68 -0.02	23.58 1.72 0.00	28.98 2.08 -1.58	139.44 10.02 0.00	38.14 2.59 -3.46	32.97 1.68 -10.51	25.18 1.22 -8.66	22.55 1.52 0.00	21.44 1.18 0.00

NEG NORTH_FLCN_SEA 23793	3.56 -0.12 0.00	5.09 -0.19 0.00	3.42 -0.11 0.00	-14.91 -0.25 22.23	2.12 -0.14 4.05	10.55 -0.07 0.00	13.65 -0.05 0.00	5.15 -0.06 0.00	14.55 -0.03 0.00	13.38 -0.17 0.00	14.32 -0.13 0.00	13.31 -0.07 0.00	14.65 -0.19 0.00	17.11 -0.11 0.00	17.23 -0.15 0.00	21.26 -0.02 0.00	21.94 0.08 0.00	25.42 0.10 0.00	133.35 3.93 0.00	33.31 1.21 0.00	21.42 0.65 0.00	15.65 0.35 0.00	21.32 0.29 0.00	20.55 0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	3.53 -0.14 0.00	5.05 -0.22 0.00	3.40 -0.13 0.00	-16.37 -0.30 23.64	1.81 -0.19 4.31	10.47 -0.16 0.00	13.55 -0.14 0.00	5.11 -0.10 0.00	14.39 -0.18 0.00	13.27 -0.28 0.00	14.20 -0.25 0.00	13.17 -0.21 0.00	14.52 -0.33 0.00	16.93 -0.30 0.00	17.04 -0.34 0.00	21.01 -0.27 0.00	21.68 -0.18 0.00	25.17 -0.15 0.00	131.85 2.43 0.00	32.87 0.77 0.00	21.15 0.38 0.00	15.44 0.14 0.00	21.11 0.08 0.00	20.38 0.11 0.00
NEG NORTH___ALICE_FALLS 23915	3.57 -0.10 0.00	5.10 -0.17 0.00	3.43 -0.10 0.00	-15.11 -0.23 22.45	2.10 -0.12 4.09	10.58 -0.04 0.00	13.71 0.01 0.00	5.17 -0.04 0.00	14.61 0.04 0.00	13.46 -0.10 0.00	14.40 -0.05 0.00	13.37 -0.01 0.00	14.70 -0.15 0.00	17.16 -0.06 0.00	17.27 -0.10 0.00	21.32 0.03 0.00	22.00 0.13 0.00	25.52 0.19 0.00	133.87 4.45 0.00	33.44 1.34 0.00	21.50 0.72 0.00	15.69 0.39 0.00	21.38 0.34 0.00	20.60 0.34 0.00
NEG NORTH___LWR_SARANAC 23913	3.57 -0.10 0.00	5.10 -0.17 0.00	3.43 -0.10 0.00	-15.11 -0.23 22.45	2.10 -0.12 4.09	10.58 -0.04 0.00	13.71 0.01 0.00	5.17 -0.04 0.00	14.61 0.04 0.00	13.46 -0.10 0.00	14.40 -0.05 0.00	13.37 -0.01 0.00	14.70 -0.15 0.00	17.16 -0.06 0.00	17.27 -0.10 0.00	21.32 0.03 0.00	22.00 0.13 0.00	25.52 0.19 0.00	133.87 4.45 0.00	33.44 1.34 0.00	21.50 0.72 0.00	15.69 0.39 0.00	21.38 0.34 0.00	20.60 0.34 0.00
NEG NORTH___PLATTSBURG 23628	3.57 -0.10 0.00	5.10 -0.17 0.00	3.43 -0.10 0.00	-15.11 -0.23 22.45	2.09 -0.12 4.09	10.58 -0.04 0.00	13.71 0.01 0.00	5.16 -0.05 0.00	14.61 0.04 0.00	13.46 -0.10 0.00	14.40 -0.05 0.00	13.37 -0.01 0.00	14.70 -0.15 0.00	17.16 -0.06 0.00	17.27 -0.10 0.00	21.32 0.03 0.00	21.99 0.13 0.00	25.52 0.19 0.00	133.77 4.35 0.00	33.44 1.34 0.00	21.50 0.72 0.00	15.69 0.39 0.00	21.37 0.34 0.00	20.60 0.34 0.00
NEG WEST_LEA_LOCKPORT 23791	3.77 -0.27 -0.36	4.51 -0.34 0.42	3.85 -0.27 -0.59	3.68 -0.51 3.38	3.48 -0.42 2.41	9.12 -0.87 0.64	12.72 -0.98 0.00	0.15 -0.46 4.60	10.97 -0.88 2.72	12.78 -0.78 0.00	13.85 -0.59 0.00	12.83 -0.56 0.00	14.34 -0.50 0.00	16.29 -0.94 0.00	15.93 -1.42 0.03	13.14 -1.93 6.22	49.64 -2.24 -30.03	16.75 -2.08 6.49	119.61 -9.81 -0.01	29.43 -2.81 -0.14	19.21 -1.84 -0.27	14.24 -1.26 -0.20	19.75 -1.29 0.00	19.32 -0.94 0.00
NEG WEST___LANCASTR 23811	3.95 -0.14 -0.42	4.77 -0.15 0.36	4.06 -0.15 -0.68	3.82 -0.24 3.51	3.60 -0.20 2.52	9.52 -0.45 0.66	13.20 -0.49 0.00	0.09 -0.31 4.81	11.38 -0.34 2.86	13.29 -0.25 0.00	14.40 -0.04 0.00	13.33 -0.06 0.00	14.89 0.04 0.00	16.96 -0.26 0.00	16.69 -0.65 0.03	13.88 -0.92 6.48	52.64 -1.24 -32.02	17.60 -0.96 6.77	125.00 -4.43 0.00	30.83 -1.42 -0.15	20.16 -0.95 -0.32	14.91 -0.63 -0.24	20.51 -0.52 0.00	20.01 -0.26 0.00
NEG_PENN_ALLEGHNY 23528	4.46 0.02 -0.76	7.05 0.06 -1.71	4.79 0.02 -1.25	8.08 0.07 -0.44	6.57 0.05 -0.21	10.97 0.05 -0.30	13.77 0.07 0.00	5.23 0.02 0.00	14.70 0.13 0.00	13.55 0.00 0.00	14.55 0.10 0.00	13.43 0.04 0.00	14.94 0.09 0.00	17.22 -0.01 0.00	17.27 -0.11 0.00	22.62 -0.15 -1.49	92.27 -0.26 -70.67	26.36 -0.09 -1.12	128.75 -0.67 0.00	32.23 -0.18 -0.31	21.59 -0.15 -0.96	15.97 -0.13 -0.80	20.91 -0.12 0.00	20.20 -0.06 0.00
NEG___GEN_MONROE 24207	3.85 -0.11 -0.29	5.58 -0.15 -0.46	3.88 -0.12 -0.47	6.95 -0.23 0.39	5.81 -0.19 0.31	10.25 -0.37 0.01	13.33 -0.36 0.00	4.31 -0.19 0.71	13.88 -0.28 0.42	13.29 -0.26 0.00	14.30 -0.14 0.00	13.25 -0.13 0.00	14.77 -0.08 0.00	16.91 -0.31 0.00	16.82 -0.55 0.00	20.53 -0.77 -0.01	56.76 -0.93 -35.83	24.66 -0.70 -0.05	126.49 -2.94 0.00	31.26 -0.94 -0.10	20.45 -0.64 -0.31	15.09 -0.47 -0.26	20.57 -0.46 0.00	19.96 -0.30 0.00
NEPA___ENERGY 23901	3.96 -0.14 -0.42	4.77 -0.12 0.39	4.08 -0.15 -0.69	3.68 -0.22 3.67	3.50 -0.19 2.62	9.48 -0.46 0.69	13.17 -0.52 0.00	-0.12 -0.32 5.02	11.19 -0.41 2.97	13.29 -0.26 0.00	14.38 -0.07 0.00	13.26 -0.12 0.00	14.82 -0.03 0.00	16.92 -0.30 0.00	16.75 -0.60 0.03	13.69 -0.83 6.77	51.05 -1.12 -30.31	17.40 -0.86 7.06	124.33 -5.10 0.00	30.87 -1.39 -0.15	20.18 -0.92 -0.33	14.91 -0.64 -0.25	20.45 -0.58 0.00	19.90 -0.37 0.00
NEVERSINK___HYD 23608	5.47 0.27 -1.52	10.25 0.36 -4.61	7.14 0.25 -3.37	9.28 0.52 -1.20	7.31 0.43 -0.56	12.16 0.73 -0.81	14.62 0.93 0.00	-2.74 0.40 8.35	15.62 1.04 0.00	14.53 0.97 0.00	15.42 0.97 0.00	14.23 0.84 0.00	15.78 0.93 0.00	18.46 1.23 0.00	18.66 1.29 0.00	22.92 1.62 -0.02	23.48 1.61 0.00	28.72 2.08 -1.32	139.61 10.19 0.00	37.59 2.60 -2.89	31.26 1.69 -8.79	23.77 1.23 -7.24	22.60 1.57 0.00	21.54 1.27 0.00
NEWKRMKL_115KV_TB1 55635	7.86 0.08 -4.11	12.42 0.11 -7.03	8.74 0.07 -5.14	9.55 0.16 -1.82	7.30 0.13 -0.86	12.06 0.20 -1.23	13.88 0.18 0.00	20.05 0.12 -14.72	14.83 0.26 0.00	13.74 0.19 0.00	14.56 0.12 0.00	13.49 0.11 0.00	14.95 0.10 0.00	17.43 0.21 0.00	17.66 0.29 0.00	21.76 0.45 -0.03	22.36 0.49 0.00	27.90 0.61 -1.97	132.47 3.04 0.00	37.16 0.77 -4.30	34.35 0.50 -13.07	26.40 0.33 -10.77	21.34 0.31 0.00	20.36 0.09 0.00
NEWTON___FALLS_HYD 23847	3.63 -0.11 -0.07	5.26 -0.17 -0.16	3.54 -0.10 -0.11	9.80 -0.22 -2.46	6.58 -0.19 -0.46	10.39 -0.26 -0.03	13.45 -0.24 0.00	5.11 -0.10 0.00	14.24 -0.34 0.00	13.29 -0.26 0.00	14.20 -0.25 0.00	13.19 -0.20 0.00	14.65 -0.20 0.00	16.89 -0.33 0.00	17.00 -0.37 0.00	21.01 -0.36 -0.09	34.29 -0.20 -12.63	25.26 -0.06 0.00	129.90 0.48 0.00	32.19 0.09 0.00	20.81 0.03 0.00	15.27 -0.03 0.00	21.06 0.02 0.00	20.38 0.12 0.00
NGRID_A1_DSASP 323792	3.73 -0.32 -0.37	4.42 -0.41 0.45	3.82 -0.32 -0.61	3.43 -0.61 3.52	3.28 -0.52 2.52	8.92 -1.03 0.67	12.55 -1.15 0.00	-0.16 -0.57 4.79	10.62 -1.12 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.23 0.00	15.65 -1.69 0.03	12.66 -2.13 6.49	22.01 -2.65 -2.80	16.03 -2.52 6.76	116.34 -13.06 0.03	28.59 -3.61 -0.10	18.67 -2.36 -0.26	13.90 -1.60 -0.20	19.28 -1.75 0.00	18.95 -1.32 0.00
NGRID_A2_DSASP 323793	3.73 -0.32 -0.37	4.42 -0.41 0.45	3.82 -0.32 -0.61	3.43 -0.61 3.52	3.28 -0.52 2.52	8.92 -1.03 0.67	12.55 -1.15 0.00	-0.16 -0.57 4.79	10.62 -1.12 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.23 0.00	15.65 -1.69 0.03	12.66 -2.13 6.49	22.01 -2.65 -2.80	16.03 -2.52 6.76	116.34 -13.06 0.03	28.59 -3.61 -0.10	18.67 -2.36 -0.26	13.90 -1.60 -0.20	19.28 -1.75 0.00	18.95 -1.32 0.00

NGRID_A4_DSASP 323807	3.73 -0.32 -0.37	4.42 -0.41 0.45	3.82 -0.32 -0.61	3.43 -0.61 3.52	3.28 -0.52 2.52	8.92 -1.03 0.67	12.55 -1.15 0.00	-0.16 -0.57 4.79	10.62 -1.12 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.23 0.00	15.65 -1.69 0.03	12.66 -2.13 6.49	22.01 -2.65 -2.80	16.03 -2.52 6.76	116.34 -13.06 0.03	28.59 -3.61 -0.10	18.67 -2.36 -0.26	13.90 -1.60 -0.20	19.28 -1.75 0.00	18.95 -1.32 0.00
NIAGARA_115E_LBMP 323715	3.72 -0.32 -0.37	4.44 -0.41 0.43	3.81 -0.33 -0.61	3.51 -0.59 3.46	3.34 -0.50 2.47	8.93 -1.04 0.65	12.50 -1.20 0.00	0.00 -0.50 4.71	10.66 -1.12 2.79	12.52 -1.03 0.00	13.59 -0.85 0.00	12.60 -0.79 0.00	14.09 -0.76 0.00	15.96 -1.26 0.00	15.61 -1.73 0.03	12.64 -2.27 6.38	46.75 -2.61 -27.50	16.10 -2.58 6.65	117.03 -12.40 0.00	28.76 -3.47 -0.13	18.80 -2.26 -0.28	13.96 -1.55 -0.21	19.39 -1.64 0.00	18.96 -1.31 0.00
NIAGARA_115W_LBMP 323714	3.72 -0.33 -0.37	4.41 -0.42 0.45	3.81 -0.33 -0.61	3.43 -0.62 3.51	3.28 -0.52 2.51	8.91 -1.05 0.67	12.53 -1.16 0.00	-0.15 -0.58 4.78	10.61 -1.14 2.83	12.51 -1.04 0.00	13.59 -0.85 0.00	12.60 -0.78 0.00	14.10 -0.75 0.00	15.96 -1.27 0.00	15.62 -1.73 0.03	12.66 -2.16 6.47	23.96 -2.70 -4.80	16.01 -2.57 6.74	115.99 -13.41 0.02	28.51 -3.69 -0.11	18.62 -2.41 -0.26	13.86 -1.64 -0.20	19.24 -1.79 0.00	18.91 -1.36 0.00
NIAGARA_230_LBMP 323716	3.75 -0.29 -0.37	4.47 -0.39 0.41	3.84 -0.30 -0.60	3.59 -0.57 3.40	3.40 -0.48 2.43	9.03 -0.96 0.64	12.60 -1.10 0.00	0.02 -0.55 4.64	10.79 -1.04 2.75	12.65 -0.90 0.00	13.72 -0.72 0.00	12.72 -0.67 0.00	14.22 -0.63 0.00	16.13 -1.09 0.00	15.82 -1.53 0.03	13.00 -2.02 6.27	41.38 -2.36 -21.88	16.48 -2.31 6.54	118.28 -11.14 0.00	29.04 -3.19 -0.13	18.98 -2.07 -0.27	14.09 -1.41 -0.21	19.53 -1.50 0.00	19.10 -1.17 0.00
NIAGARA__115KV_198_GIBSON 55903	3.72 -0.33 -0.37	4.41 -0.42 0.45	3.81 -0.33 -0.61	3.43 -0.63 3.51	3.28 -0.53 2.51	8.91 -1.05 0.67	12.53 -1.17 0.00	-0.15 -0.58 4.78	10.60 -1.15 2.83	12.51 -1.04 0.00	13.59 -0.85 0.00	12.60 -0.78 0.00	14.10 -0.75 0.00	15.95 -1.27 0.00	15.61 -1.73 0.03	12.62 -2.20 6.47	23.88 -2.79 -4.80	15.99 -2.59 6.74	115.90 -13.51 0.02	28.51 -3.69 -0.11	18.62 -2.41 -0.26	13.85 -1.65 -0.20	19.24 -1.79 0.00	18.93 -1.33 0.00
NIAGARA____ 23760	3.75 -0.29 -0.37	4.47 -0.39 0.42	3.84 -0.30 -0.60	3.57 -0.57 3.42	3.38 -0.48 2.45	9.02 -0.96 0.65	12.60 -1.10 0.00	0.00 -0.55 4.66	10.77 -1.04 2.76	12.65 -0.90 0.00	13.72 -0.72 0.00	12.72 -0.67 0.00	14.22 -0.63 0.00	16.13 -1.09 0.00	15.82 -1.53 0.03	12.95 -2.02 6.31	38.82 -2.36 -19.32	16.42 -2.31 6.60	118.28 -11.14 0.01	29.04 -3.19 -0.12	18.98 -2.07 -0.27	14.09 -1.41 -0.21	19.53 -1.50 0.00	19.10 -1.17 0.00
NINE_MILE_1 23575	3.72 -0.10 -0.15	5.46 -0.15 -0.33	3.67 -0.10 -0.24	7.44 -0.22 -0.09	6.17 -0.18 -0.04	10.37 -0.31 -0.06	13.30 -0.40 0.00	5.05 -0.16 0.00	14.17 -0.40 0.00	13.16 -0.39 0.00	14.06 -0.39 0.00	13.02 -0.37 0.00	14.46 -0.39 0.00	16.72 -0.51 0.00	16.79 -0.58 0.00	16.68 -0.74 3.87	-499.51 -0.79 520.58	24.49 -0.84 0.00	125.17 -4.25 0.00	31.02 -1.08 0.00	20.08 -0.70 0.00	14.78 -0.51 0.00	20.32 -0.71 0.00	19.66 -0.60 0.00
NINE_MILE_2 23744	3.72 -0.10 -0.15	5.46 -0.14 -0.33	3.67 -0.10 -0.24	7.44 -0.22 -0.09	6.17 -0.18 -0.04	10.37 -0.31 -0.06	13.30 -0.39 0.00	5.05 -0.16 0.00	14.18 -0.40 0.00	13.16 -0.39 0.00	14.06 -0.39 0.00	13.02 -0.37 0.00	14.46 -0.39 0.00	16.72 -0.50 0.00	16.79 -0.58 0.00	16.68 -0.74 3.87	-499.51 -0.79 520.58	24.49 -0.83 0.00	125.20 -4.23 0.00	31.03 -1.07 0.00	20.08 -0.70 0.00	14.78 -0.51 0.00	20.33 -0.71 0.00	19.67 -0.59 0.00
NM_CAPITAL____DRP 24208	7.87 0.09 -4.11	12.41 0.12 -7.01	8.74 0.08 -5.13	9.56 0.17 -1.82	7.31 0.14 -0.86	12.07 0.22 -1.23	13.89 0.19 0.00	20.26 0.13 -14.92	14.85 0.27 0.00	13.75 0.20 0.00	14.58 0.13 0.00	13.51 0.12 0.00	14.97 0.12 0.00	17.45 0.22 0.00	17.68 0.31 0.00	21.78 0.47 -0.03	22.37 0.51 0.00	27.92 0.64 -1.96	132.55 3.13 0.00	37.19 0.80 -4.29	34.34 0.52 -13.04	26.40 0.36 -10.75	21.37 0.34 0.00	20.38 0.12 0.00
NM_CENTRAL____DRP 24181	3.85 -0.04 -0.21	5.71 -0.05 -0.48	3.84 -0.04 -0.35	7.61 -0.09 -0.13	6.30 -0.07 -0.06	10.58 -0.13 -0.08	13.55 -0.15 0.00	5.15 -0.06 0.00	14.46 -0.12 0.00	13.42 -0.13 0.00	14.34 -0.10 0.00	13.28 -0.10 0.00	14.76 -0.09 0.00	17.05 -0.17 0.00	17.16 -0.21 0.00	21.37 -0.28 -0.36	70.48 -0.35 -48.97	25.09 -0.27 -0.04	128.16 -1.27 0.00	31.84 -0.34 -0.08	20.76 -0.24 -0.23	15.29 -0.20 -0.19	20.76 -0.27 0.00	20.07 -0.19 0.00
NM_FRONTIER____DRP 24179	3.72 -0.33 -0.37	4.41 -0.42 0.45	3.81 -0.33 -0.61	3.43 -0.63 3.51	3.28 -0.53 2.51	8.91 -1.05 0.67	12.53 -1.17 0.00	-0.15 -0.58 4.78	10.60 -1.15 2.83	12.51 -1.04 0.00	13.59 -0.85 0.00	12.60 -0.78 0.00	14.10 -0.75 0.00	15.95 -1.27 0.00	15.61 -1.73 0.03	12.62 -2.20 6.47	23.88 -2.79 -4.80	15.99 -2.59 6.74	115.90 -13.51 0.02	28.51 -3.69 -0.11	18.62 -2.41 -0.26	13.85 -1.65 -0.20	19.24 -1.79 0.00	18.93 -1.33 0.00
NM_ST_REGIS____HYD 24053	3.61 -0.06 0.00	5.18 -0.09 0.00	3.47 -0.06 0.00	13.36 -0.11 -5.90	7.31 -0.08 -1.08	10.54 -0.09 0.00	13.71 0.02 0.00	5.17 -0.04 0.00	14.45 -0.12 0.00	13.48 -0.07 0.00	14.40 -0.04 0.00	13.35 -0.04 0.00	14.78 -0.07 0.00	17.13 -0.10 0.00	17.19 -0.18 0.00	21.10 -0.18 0.00	21.78 -0.09 0.00	25.21 -0.11 0.00	130.28 0.86 0.00	32.36 0.27 0.00	20.92 0.15 0.00	15.34 0.05 0.00	21.12 0.09 0.00	20.41 0.15 0.00
NORTHPORT____1 23551	8.96 0.32 -4.97	11.10 0.39 -5.44	7.78 0.27 -3.98	9.58 0.60 -1.41	7.45 0.47 -0.66	12.37 0.79 -0.95	14.53 0.83 0.00	44.92 0.39 -39.32	15.39 0.81 0.00	14.32 0.76 0.00	15.19 0.75 0.00	14.15 0.77 0.00	15.72 0.88 0.00	18.20 0.97 0.00	18.49 1.12 0.00	22.75 1.44 -0.02	23.56 1.69 0.00	28.83 1.97 -1.54	138.63 9.20 0.00	37.59 2.12 -3.37	32.61 1.58 -10.26	25.04 1.30 -8.45	22.79 1.76 0.00	21.52 1.26 0.00
NORTHPORT____2 23552	8.96 0.32 -4.97	11.10 0.39 -5.44	7.78 0.27 -3.98	9.58 0.60 -1.41	7.45 0.47 -0.66	12.37 0.79 -0.95	14.53 0.83 0.00	44.92 0.39 -39.32	15.39 0.81 0.00	14.32 0.76 0.00	15.19 0.75 0.00	14.15 0.77 0.00	15.72 0.88 0.00	18.20 0.97 0.00	18.49 1.12 0.00	22.75 1.44 -0.02	23.56 1.69 0.00	28.83 1.97 -1.54	138.63 9.20 0.00	37.59 2.12 -3.37	32.61 1.58 -10.26	25.04 1.30 -8.45	22.79 1.76 0.00	21.52 1.26 0.00
NORTHPORT____3 23553	8.93 0.28 -4.97	11.06 0.35 -5.44	7.75 0.24 -3.98	9.52 0.54 -1.41	7.39 0.42 -0.66	12.27 0.69 -0.95	14.42 0.72 0.00	44.88 0.35 -39.32	15.30 0.73 0.00	14.25 0.70 0.00	15.17 0.72 0.00	14.10 0.71 0.00	15.62 0.78 0.00	18.08 0.85 0.00	18.38 1.01 0.00	22.60 1.29 -0.02	23.36 1.50 0.00	28.61 1.75 -1.54	137.53 8.11 0.00	37.38 1.90 -3.37	32.40 1.37 -10.26	24.88 1.14 -8.44	22.58 1.55 0.00	21.34 1.08 0.00

NORTHPORT___4 23650	8.93 0.28 -4.97	11.06 0.35 -5.44	7.75 0.24 -3.98	9.52 0.54 -1.41	7.39 0.42 -0.66	12.27 0.69 -0.95	14.42 0.72 0.00	44.88 0.35 -39.32	15.30 0.73 0.00	14.25 0.70 0.00	15.17 0.72 0.00	14.10 0.71 0.00	15.62 0.78 0.00	18.08 0.85 0.00	18.38 1.01 0.00	22.60 1.29 -0.02	23.36 1.50 0.00	28.61 1.75 -1.54	137.53 8.11 0.00	37.38 1.90 -3.37	32.40 1.37 -10.26	24.88 1.14 -8.44	22.58 1.55 0.00	21.34 1.08 0.00
NORTHPORT___IC 23718	8.96 0.32 -4.97	11.10 0.39 -5.44	7.78 0.27 -3.98	9.58 0.60 -1.41	7.45 0.47 -0.66	12.37 0.79 -0.95	14.53 0.83 0.00	44.92 0.39 -39.32	15.39 0.81 0.00	14.32 0.76 0.00	15.19 0.75 0.00	14.15 0.77 0.00	15.72 0.88 0.00	18.20 0.97 0.00	18.49 1.12 0.00	22.75 1.44 -0.02	23.56 1.69 0.00	28.83 1.97 -1.54	138.63 9.20 0.00	37.59 2.12 -3.37	32.61 1.58 -10.26	25.04 1.30 -8.45	22.79 1.76 0.00	21.52 1.26 0.00
NORTH___COUNTRY_ESR 323785	3.52 -0.15 0.00	5.04 -0.24 0.00	3.38 -0.14 0.00	-16.43 -0.32 23.67	1.79 -0.21 4.32	10.43 -0.19 0.00	13.51 -0.19 0.00	5.08 -0.13 0.00	14.33 -0.24 0.00	13.23 -0.33 0.00	14.14 -0.30 0.00	13.12 -0.26 0.00	14.47 -0.38 0.00	16.88 -0.35 0.00	16.98 -0.40 0.00	20.94 -0.35 0.00	21.60 -0.26 0.00	25.06 -0.26 0.00	131.18 1.76 0.00	32.74 0.64 0.00	21.07 0.29 0.00	15.38 0.08 0.00	21.02 -0.01 0.00	20.30 0.04 0.00
NPX_GEN_1385_PROXY 323591	8.96 0.32 -4.97	11.10 0.39 -5.44	7.78 0.27 -3.98	9.58 0.60 -1.41	7.45 0.47 -0.66	12.37 0.79 -0.95	14.41 0.71 0.00	44.86 0.33 -39.32	15.03 0.45 0.00	13.93 0.37 0.00	14.77 0.32 0.00	13.89 0.50 0.00	15.54 0.69 0.00	17.97 0.75 0.00	18.27 0.89 0.00	22.39 1.08 -0.02	24.72 1.35 -1.50	28.35 1.48 -1.54	119.97 8.26 17.70	36.79 1.32 -3.37	32.21 1.17 -10.26	24.72 1.09 -8.33	22.71 1.69 0.00	21.45 1.18 0.00
NPX_GEN_CSC 323557	9.00 0.36 -4.97	11.15 0.44 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.54 0.96 0.00	14.44 0.89 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.96 0.00	18.26 1.03 0.00	18.57 1.19 0.00	22.89 1.59 -0.02	25.28 1.91 -1.50	29.17 2.30 -1.54	140.50 11.08 0.00	38.11 2.64 -3.37	32.95 1.92 -10.26	25.19 1.56 -8.33	23.10 2.07 0.00	21.78 1.51 0.00
NSINS_S_GLNS_FALLS 23858	8.02 0.19 -4.15	12.73 0.27 -7.18	8.96 0.18 -5.25	9.81 0.38 -1.86	7.53 0.34 -0.88	12.50 0.62 -1.26	14.47 0.78 0.00	19.74 0.34 -14.19	15.51 0.94 0.00	14.35 0.80 0.00	15.16 0.71 0.00	14.04 0.66 0.00	15.60 0.75 0.00	18.16 0.93 0.00	18.38 1.00 0.00	22.89 1.57 -0.03	23.39 1.52 0.00	29.12 1.78 -2.01	139.03 9.61 0.00	38.96 2.46 -4.40	35.69 1.54 -13.37	27.34 1.03 -11.02	22.15 1.12 0.00	21.09 0.82 0.00
NUCOR_STEEL___DRP 24197	3.98 0.01 -0.29	5.97 0.04 -0.66	4.02 0.01 -0.48	7.74 0.00 -0.17	6.42 0.03 -0.08	10.79 0.05 -0.11	13.79 0.09 0.00	5.22 0.01 0.00	14.68 0.11 0.00	13.60 0.05 0.00	14.55 0.10 0.00	13.44 0.05 0.00	14.96 0.12 0.00	17.30 0.07 0.00	17.37 0.00 0.00	21.86 -0.05 -0.62	104.77 -0.18 -83.08	25.44 0.07 -0.05	130.21 0.78 0.00	32.32 0.12 -0.11	21.12 0.01 -0.33	15.59 0.02 -0.27	20.95 -0.08 0.00	20.24 -0.02 0.00
NUMBER_THREE_WT_PWR 323818	3.62 -0.15 -0.10	5.26 -0.23 -0.22	3.56 -0.13 -0.16	8.39 -0.32 -1.13	6.25 -0.28 -0.22	10.31 -0.35 -0.04	13.28 -0.42 0.00	5.07 -0.14 0.00	14.14 -0.44 0.00	13.17 -0.38 0.00	14.06 -0.39 0.00	13.10 -0.29 0.00	14.59 -0.25 0.00	16.78 -0.45 0.00	16.93 -0.45 0.00	21.07 -0.34 -0.12	38.64 -0.08 -16.86	25.58 0.26 0.00	131.28 1.86 0.00	32.47 0.37 0.00	20.94 0.17 0.00	15.38 0.08 0.00	21.27 0.23 0.00	20.57 0.31 0.00
NYISO_LBMP_REFERENCE 24008	3.67 0.00 0.00	5.27 0.00 0.00	3.53 0.00 0.00	7.57 0.00 0.00	6.31 0.00 0.00	10.62 0.00 0.00	13.70 0.00 0.00	5.21 0.00 0.00	14.58 0.00 0.00	13.55 0.00 0.00	14.45 0.00 0.00	13.39 0.00 0.00	14.85 0.00 0.00	17.23 0.00 0.00	17.38 0.00 0.00	21.28 0.00 0.00	21.86 0.00 0.00	25.32 0.00 0.00	129.42 0.00 0.00	32.10 0.00 0.00	20.78 0.00 0.00	15.30 0.00 0.00	21.03 0.00 0.00	20.27 0.00 0.00
NYPA_BRENTWD___GT 24164	8.99 0.34 -4.97	11.15 0.43 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.67 0.98 0.00	44.98 0.45 -39.32	15.57 0.99 0.00	14.47 0.92 0.00	15.36 0.91 0.00	14.28 0.90 0.00	15.84 1.00 0.00	18.35 1.12 0.00	18.66 1.28 0.00	22.98 1.67 -0.02	23.83 1.96 0.00	29.20 2.33 -1.54	140.06 10.63 0.00	37.78 2.31 -3.37	32.81 1.78 -10.26	25.24 1.50 -8.45	23.03 2.00 0.00	21.74 1.48 0.00
NYPA_GOWANUS___GT5 24156	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NYPA_GOWANUS___GT6 24157	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.34 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 -0.01	14.49 0.94 0.00	15.38 0.94 0.00	14.26 0.87 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.94 1.64 -0.02	23.54 1.67 0.00	28.80 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.19 -8.45	22.54 1.51 0.00	21.40 1.14 0.00
NYPA_HARLEM__RVR__GT1 24160	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.04 0.41 -39.41	15.53 0.95 -0.01	14.41 0.86 0.00	15.29 0.85 0.01	14.19 0.80 0.00	15.74 0.89 0.00	18.38 1.16 0.00	18.60 1.23 0.00	22.82 1.51 -0.02	23.40 1.54 0.00	28.63 1.77 -1.54	137.44 8.02 0.00	37.64 2.17 -3.37	32.48 1.46 -10.25	24.84 1.10 -8.45	22.42 1.38 0.00	21.29 1.02 0.00
NYPA_HARLEM__RVR__GT2 24161	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.04 0.41 -39.41	15.53 0.95 -0.01	14.41 0.86 0.00	15.29 0.85 0.01	14.19 0.80 0.00	15.74 0.89 0.00	18.38 1.16 0.00	18.60 1.23 0.00	22.82 1.51 -0.02	23.40 1.54 0.00	28.63 1.77 -1.54	137.44 8.02 0.00	37.64 2.17 -3.37	32.48 1.46 -10.25	24.84 1.10 -8.45	22.42 1.38 0.00	21.29 1.02 0.00
NYPA_KENT___GT 24152	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.61 1.02 -0.01	14.49 0.94 0.00	15.37 0.93 0.00	14.25 0.87 0.00	15.80 0.95 0.00	18.48 1.25 0.00	18.68 1.31 0.00	22.94 1.63 -0.02	23.52 1.66 0.00	28.79 1.92 -1.54	138.04 8.62 0.00	37.79 2.32 -3.37	32.58 1.56 -10.25	24.92 1.17 -8.45	22.52 1.49 0.00	21.39 1.12 0.00

ONEIDA_HERK_LFGE 323681	3.74 -0.02 -0.09	5.43 -0.04 -0.19	3.66 -0.02 -0.14	8.08 -0.05 -0.56	6.38 -0.05 -0.12	10.64 -0.01 -0.03	13.70 0.00 0.00	5.23 0.02 0.00	14.60 0.03 0.00	13.59 0.04 0.00	14.49 0.04 0.00	13.46 0.07 0.00	14.96 0.11 0.00	17.28 0.05 0.00	17.44 0.06 0.00	21.55 0.17 -0.10	35.46 0.30 -13.30	25.85 0.53 0.00	132.46 3.03 0.00	32.81 0.71 0.00	21.18 0.40 0.00	15.55 0.25 0.00	21.39 0.36 0.00	20.61 0.35 0.00
ONEIDA___115KV_TB4 55905	3.86 0.03 -0.15	5.67 0.06 -0.33	3.81 0.04 -0.24	7.74 0.08 -0.09	6.42 0.07 -0.04	10.83 0.15 -0.06	13.92 0.22 0.00	5.30 0.09 0.00	14.84 0.26 0.00	13.78 0.23 0.00	14.71 0.26 0.00	13.64 0.25 0.00	15.13 0.28 0.00	17.51 0.28 0.00	17.67 0.30 0.00	21.89 0.41 -0.20	49.31 0.44 -27.00	25.95 0.62 0.00	132.99 3.56 0.00	32.96 0.86 0.00	21.28 0.50 0.00	15.62 0.32 0.00	21.43 0.40 0.00	20.63 0.37 0.00
ONONDAGA_REF_OCCRA 23987	3.92 -0.02 -0.26	5.85 -0.02 -0.59	3.94 -0.02 -0.43	7.68 -0.04 -0.15	6.35 -0.03 -0.07	10.67 -0.06 -0.10	13.63 -0.07 0.00	5.18 -0.03 0.00	14.55 -0.03 0.00	13.49 -0.06 0.00	14.42 -0.03 0.00	13.35 -0.04 0.00	14.84 -0.01 0.00	17.15 -0.08 0.00	17.26 -0.12 0.00	21.56 -0.16 -0.44	80.14 -0.22 -58.50	25.27 -0.10 -0.04	128.96 -0.46 0.00	32.06 -0.13 -0.09	20.95 -0.11 -0.29	15.43 -0.10 -0.24	20.88 -0.15 0.00	20.18 -0.08 0.00
ONONDAGA___COGEN 23986	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.10 -0.18 -69.42	25.33 -0.03 -0.04	129.37 -0.06 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.23 -0.04 0.00
ONTARIO___LFGE 23819	3.98 -0.04 -0.34	6.66 -0.02 -1.41	4.04 -0.05 -0.56	9.59 -0.07 -2.09	7.68 -0.05 -1.41	11.07 -0.10 -0.54	13.64 -0.06 0.00	7.57 -0.06 -2.42	15.99 -0.02 -1.43	13.50 -0.05 0.00	14.48 0.03 0.00	13.38 0.00 0.00	14.88 0.03 0.00	17.11 -0.12 0.00	17.17 -0.22 -0.02	25.02 -0.31 -4.04	84.57 -0.41 -63.12	28.91 -0.12 -3.72	128.85 -0.58 0.00	32.01 -0.21 -0.12	21.09 -0.13 -0.45	15.53 -0.14 -0.38	20.86 -0.17 0.00	20.18 -0.08 0.00
ORANGEVILLE_WT_PWR 323706	3.88 -0.24 -0.44	1.47 -0.28 3.53	4.02 -0.24 -0.72	-5.83 -0.45 12.96	-3.18 -0.37 9.12	7.18 -0.74 2.70	12.78 -0.92 0.01	-12.17 -0.45 16.93	3.73 -0.84 10.00	12.78 -0.77 0.00	13.83 -0.62 0.00	12.76 -0.62 0.00	14.25 -0.60 0.00	16.26 -0.97 0.00	15.96 -1.30 0.12	-4.28 -1.59 23.97	11.63 -1.81 8.42	-0.64 -1.57 24.40	122.53 -6.89 0.00	30.26 -2.00 -0.16	19.37 -1.43 -0.02	14.24 -0.99 0.06	19.96 -1.07 0.00	19.52 -0.74 0.00
ORANGEVILLE___ESR 323794	3.88 -0.24 -0.44	1.47 -0.28 3.53	4.02 -0.24 -0.72	-5.83 -0.45 12.96	-3.18 -0.37 9.12	7.18 -0.74 2.70	12.78 -0.92 0.01	-12.17 -0.45 16.93	3.73 -0.84 10.00	12.78 -0.77 0.00	13.83 -0.62 0.00	12.76 -0.62 0.00	14.25 -0.60 0.00	16.26 -0.97 0.00	15.96 -1.30 0.12	-4.28 -1.59 23.97	11.63 -1.81 8.42	-0.64 -1.57 24.40	122.53 -6.89 0.00	30.26 -2.00 -0.16	19.37 -1.43 -0.02	14.24 -0.99 0.06	19.96 -1.07 0.00	19.52 -0.74 0.00
OSWEGATCHIE___HYD 24044	3.63 -0.11 -0.07	5.26 -0.17 -0.16	3.54 -0.10 -0.11	9.80 -0.22 -2.46	6.58 -0.19 -0.46	10.39 -0.26 -0.03	13.45 -0.24 0.00	5.11 -0.10 0.00	14.24 -0.34 0.00	13.29 -0.26 0.00	14.20 -0.25 0.00	13.19 -0.20 0.00	14.65 -0.20 0.00	16.89 -0.33 0.00	17.00 -0.37 0.00	21.01 -0.37 -0.09	34.29 -0.20 -12.63	25.26 -0.06 0.00	129.91 0.48 0.00	32.19 0.09 0.00	20.81 0.03 0.00	15.27 -0.03 0.00	21.06 0.03 0.00	20.38 0.12 0.00
OSWEGO___5 23606	3.76 -0.08 -0.17	5.54 -0.11 -0.38	3.73 -0.08 -0.28	7.50 -0.17 -0.10	6.22 -0.14 -0.05	10.44 -0.25 -0.07	13.39 -0.31 0.00	5.08 -0.13 0.00	14.27 -0.31 0.00	13.24 -0.31 0.00	14.14 -0.30 0.00	13.10 -0.28 0.00	14.55 -0.30 0.00	16.83 -0.39 0.00	16.92 -0.46 0.00	22.87 -0.59 -2.17	313.30 -0.64 -292.07	24.68 -0.64 0.00	126.20 -3.23 0.00	31.27 -0.84 0.00	20.23 -0.55 0.00	14.89 -0.40 0.00	20.47 -0.56 0.00	19.80 -0.46 0.00
OSWEGO___6 23613	3.76 -0.08 -0.17	5.54 -0.11 -0.38	3.73 -0.08 -0.28	7.50 -0.17 -0.10	6.22 -0.14 -0.05	10.44 -0.25 -0.07	13.39 -0.31 0.00	5.08 -0.13 0.00	14.27 -0.31 0.00	13.24 -0.31 0.00	14.14 -0.30 0.00	13.10 -0.28 0.00	14.55 -0.30 0.00	16.83 -0.39 0.00	16.92 -0.46 0.00	22.87 -0.59 -2.17	313.30 -0.64 -292.07	24.68 -0.64 0.00	126.20 -3.23 0.00	31.27 -0.84 0.00	20.23 -0.55 0.00	14.89 -0.40 0.00	20.47 -0.56 0.00	19.80 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	3.81 -0.24 -0.38	4.49 -0.30 0.49	3.90 -0.25 -0.61	3.45 -0.45 3.67	3.32 -0.38 2.62	9.15 -0.78 0.70	12.85 -0.85 0.00	-0.21 -0.44 4.98	10.88 -0.75 2.95	12.90 -0.65 0.00	14.00 -0.45 0.00	12.96 -0.43 0.00	14.49 -0.35 0.00	16.45 -0.78 0.00	16.11 -1.23 0.03	12.86 -1.67 6.76	68.44 -2.07 -48.64	16.47 -1.82 7.03	120.51 -8.93 -0.03	29.72 -2.54 -0.17	19.38 -1.69 -0.29	14.37 -1.13 -0.21	19.90 -1.13 0.00	19.48 -0.78 0.00
OXBOW___ 24026	3.77 -0.27 -0.37	4.46 -0.34 0.47	3.86 -0.28 -0.61	3.45 -0.52 3.60	3.31 -0.43 2.57	9.05 -0.89 0.68	12.72 -0.98 0.00	-0.17 -0.50 4.89	10.78 -0.91 2.89	12.75 -0.80 0.00	13.84 -0.61 0.00	12.82 -0.57 0.00	14.34 -0.51 0.00	16.25 -0.97 0.00	15.91 -1.43 0.03	12.80 -1.86 6.62	68.14 -2.30 -48.58	16.32 -2.11 6.90	118.74 -10.70 -0.03	29.25 -3.01 -0.17	19.09 -1.98 -0.29	14.17 -1.34 -0.21	19.62 -1.41 0.00	19.24 -1.03 0.00
OXY_CHEM_DSASP 323612	3.73 -0.32 -0.37	4.41 -0.41 0.45	3.81 -0.33 -0.61	3.42 -0.62 3.52	3.28 -0.52 2.52	8.92 -1.04 0.67	12.55 -1.15 0.00	-0.16 -0.58 4.79	10.61 -1.13 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.24 0.00	15.64 -1.70 0.03	12.62 -2.17 6.49	21.92 -2.74 -2.80	16.01 -2.55 6.76	116.19 -13.21 0.03	28.59 -3.61 -0.10	18.67 -2.37 -0.26	13.88 -1.62 -0.20	19.28 -1.75 0.00	18.98 -1.29 0.00
OZONE_PARK_ESR 323760	8.96 0.31 -4.98	11.13 0.42 -5.44	7.78 0.28 -3.98	9.57 0.59 -1.41	7.46 0.48 -0.66	12.41 0.83 -0.95	14.70 1.01 0.00	45.07 0.45 -39.41	15.69 1.12 0.00	14.59 1.04 0.00	15.47 1.03 0.00	14.33 0.95 0.00	15.90 1.05 0.00	18.60 1.38 0.00	18.82 1.44 0.00	23.08 1.77 -0.02	23.66 1.80 0.00	28.98 2.11 -1.54	139.19 9.77 0.00	38.08 2.61 -3.37	32.74 1.72 -10.25	25.03 1.29 -8.45	22.68 1.65 0.00	21.52 1.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	3.73 -0.32 -0.37	4.41 -0.41 0.45	3.81 -0.33 -0.61	3.42 -0.62 3.52	3.28 -0.52 2.52	8.92 -1.04 0.67	12.55 -1.15 0.00	-0.16 -0.58 4.79	10.61 -1.13 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.24 0.00	15.64 -1.70 0.03	12.62 -2.17 6.49	21.92 -2.74 -2.80	16.01 -2.55 6.76	116.19 -13.21 0.03	28.59 -3.61 -0.10	18.67 -2.37 -0.26	13.88 -1.62 -0.20	19.28 -1.75 0.00	18.98 -1.29 0.00

PACKARD__115KV_DUPONT_184 80571	3.73 -0.32 -0.37	4.41 -0.41 0.45	3.81 -0.33 -0.61	3.42 -0.62 3.52	3.28 -0.52 2.52	8.92 -1.04 0.67	12.55 -1.15 0.00	-0.16 -0.58 4.79	10.61 -1.13 2.84	12.54 -1.01 0.00	13.62 -0.82 0.00	12.63 -0.76 0.00	14.13 -0.72 0.00	15.99 -1.24 0.00	15.64 -1.70 0.03	12.62 -2.17 6.49	21.92 -2.74 -2.80	16.01 -2.55 6.76	116.19 -13.21 0.03	28.59 -3.61 -0.10	18.67 -2.37 -0.26	13.88 -1.62 -0.20	19.28 -1.75 0.00	18.98 -1.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	8.92 0.27 -4.98	11.07 0.36 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.01 0.40 -39.41	15.52 0.95 0.00	14.40 0.85 0.00	15.25 0.81 0.00	14.16 0.78 0.00	15.72 0.87 0.00	18.36 1.14 0.00	18.58 1.21 0.00	22.81 1.51 -0.02	23.41 1.55 0.00	28.65 1.79 -1.54	137.56 8.14 0.00	37.66 2.19 -3.37	32.49 1.46 -10.25	24.84 1.10 -8.45	22.39 1.36 0.00	21.27 1.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	8.92 0.27 -4.98	11.07 0.36 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.01 0.40 -39.41	15.53 0.95 0.00	14.40 0.85 0.00	15.25 0.81 0.00	14.16 0.78 0.00	15.72 0.87 0.00	18.37 1.14 0.00	18.59 1.21 0.00	22.81 1.51 -0.02	23.41 1.55 0.00	28.65 1.79 -1.54	137.56 8.14 0.00	37.66 2.20 -3.37	32.49 1.47 -10.25	24.84 1.10 -8.45	22.39 1.36 0.00	21.27 1.01 0.00
PATROON__115KV_TB1 80586	7.87 0.09 -4.11	12.45 0.13 -7.05	8.76 0.08 -5.15	9.57 0.18 -1.83	7.32 0.15 -0.86	12.09 0.23 -1.23	13.92 0.22 0.00	20.06 0.13 -14.71	14.87 0.30 0.00	13.77 0.22 0.00	14.59 0.14 0.00	13.53 0.14 0.00	14.99 0.14 0.00	17.48 0.26 0.00	17.72 0.34 0.00	21.83 0.52 -0.03	22.42 0.56 0.00	28.00 0.70 -1.97	132.87 3.45 0.00	37.27 0.87 -4.31	34.44 0.56 -13.10	26.47 0.38 -10.80	21.40 0.37 0.00	20.41 0.15 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	3.92 -0.16 -0.40	4.61 -0.18 0.48	4.03 -0.17 -0.66	3.47 -0.28 3.82	3.35 -0.23 2.73	9.38 -0.52 0.72	13.13 -0.56 0.00	-0.32 -0.33 5.20	11.08 -0.42 3.08	13.23 -0.31 0.00	14.33 -0.12 0.00	13.27 -0.12 0.00	14.83 -0.01 0.00	16.88 -0.34 0.00	16.60 -0.75 0.04	13.19 -1.05 7.04	50.50 -1.36 -30.00	16.91 -1.09 7.33	124.38 -5.05 0.00	30.67 -1.57 -0.15	20.03 -1.05 -0.30	14.81 -0.71 -0.22	20.42 -0.61 0.00	19.92 -0.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	7.81 0.27 -3.87	11.23 0.35 -5.60	7.86 0.23 -4.10	9.52 0.50 -1.45	7.41 0.42 -0.68	12.31 0.71 -0.98	14.56 0.86 0.00	26.58 0.39 -20.98	15.61 1.03 0.00	14.55 1.00 0.00	15.44 1.00 0.00	14.28 0.90 0.00	15.80 0.96 0.00	18.46 1.23 0.00	18.71 1.33 0.00	22.98 1.68 -0.02	23.58 1.72 0.00	28.98 2.08 -1.58	139.44 10.02 0.00	38.14 2.59 -3.46	32.97 1.68 -10.51	25.18 1.22 -8.66	22.55 1.52 0.00	21.44 1.18 0.00
PEEKSKILL____ 23653	9.00 0.24 -5.09	10.87 0.31 -5.29	7.61 0.21 -3.87	9.40 0.45 -1.37	7.33 0.37 -0.65	12.18 0.63 -0.93	14.44 0.74 0.00	47.74 0.33 -42.20	15.40 0.82 0.00	14.33 0.78 0.00	15.20 0.75 0.00	14.08 0.69 0.00	15.63 0.78 0.00	18.25 1.03 0.00	18.47 1.10 0.00	22.67 1.36 -0.02	23.26 1.39 0.00	28.48 1.66 -1.50	137.04 7.62 0.00	37.40 2.02 -3.29	32.10 1.34 -9.99	24.52 1.00 -8.23	22.28 1.25 0.00	21.19 0.92 0.00
PGE MADISON__WINDPWR 24146	4.59 0.15 -0.77	7.46 0.24 -1.94	4.93 0.14 -1.26	8.95 0.31 -1.07	7.23 0.27 -0.65	11.58 0.51 -0.44	14.43 0.73 0.00	6.29 0.28 -0.80	15.90 0.85 -0.47	14.19 0.64 0.00	15.18 0.74 0.00	14.02 0.63 0.00	15.65 0.80 0.00	18.20 0.98 0.00	18.36 0.97 -0.01	24.38 1.32 -1.78	82.78 1.41 -59.51	28.93 1.97 -1.64	139.67 10.25 0.00	35.18 2.47 -0.61	24.03 1.37 -1.88	17.64 0.80 -1.55	22.05 1.02 0.00	21.12 0.86 0.00
PIERCEFIELD____HYD 23852	3.62 -0.05 0.00	5.20 -0.07 0.00	3.48 -0.05 0.00	11.02 -0.08 -3.54	6.90 -0.06 -0.65	10.54 -0.09 0.00	13.73 0.03 0.00	5.19 -0.02 0.00	14.43 -0.14 0.00	13.50 -0.05 0.00	14.42 -0.03 0.00	13.36 -0.03 0.00	14.82 -0.03 0.00	17.14 -0.09 0.00	17.19 -0.18 0.00	21.08 -0.20 0.00	21.75 -0.11 0.00	25.17 -0.16 0.00	129.59 0.17 0.00	32.15 0.05 0.00	20.81 0.03 0.00	15.28 -0.02 0.00	21.06 0.03 0.00	20.38 0.12 0.00
PINELAWN_CC_1 323563	8.96 0.31 -4.97	11.11 0.39 -5.44	7.78 0.27 -3.98	9.58 0.60 -1.41	7.45 0.47 -0.66	12.38 0.80 -0.95	14.58 0.89 0.00	44.95 0.42 -39.32	15.51 0.93 0.00	14.41 0.86 0.00	15.30 0.86 0.00	14.21 0.82 0.00	15.73 0.88 0.00	18.25 1.03 0.00	18.59 1.21 0.00	22.84 1.54 -0.02	23.69 1.82 0.00	29.00 2.14 -1.54	139.37 9.95 0.00	37.88 2.41 -3.37	32.75 1.72 -10.26	25.12 1.37 -8.45	22.84 1.81 0.00	21.56 1.30 0.00
PJM_GEN_HTP_PROXY 323702	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.42 0.44 -0.66	12.33 0.75 -0.95	14.60 0.90 0.00	45.03 0.40 -39.41	15.56 0.98 0.00	14.47 0.92 0.00	15.34 0.90 0.00	14.21 0.83 0.00	15.75 0.91 0.00	18.45 1.23 0.00	18.66 1.29 0.00	22.89 1.59 -0.02	23.46 1.60 0.00	28.72 1.86 -1.54	137.92 8.50 0.00	36.73 2.28 -2.36	32.53 1.51 -10.25	24.89 1.14 -8.45	22.49 1.46 0.00	21.35 1.09 0.00
PJM_GEN_KEystone 24065	2.44 0.05 1.28	8.06 0.09 -2.69	5.72 0.02 -2.18	7.25 0.08 0.39	5.92 0.06 0.45	10.94 0.04 -0.27	13.73 0.04 0.00	-37.87 -0.02 43.07	13.80 0.11 0.88	13.71 0.16 0.00	14.68 0.23 0.00	13.58 0.19 0.00	15.12 0.27 0.00	17.48 0.26 0.00	17.51 0.14 0.01	19.49 0.12 1.92	40.74 -0.02 -18.89	24.20 0.21 1.34	130.33 1.03 0.13	33.01 0.20 -0.72	26.17 0.15 -5.24	19.80 0.14 -4.36	21.30 0.27 0.00	20.46 0.20 0.00
PJM_GEN_NEPTUNE_PROXY 323594	8.91 0.27 -4.97	11.05 0.33 -5.44	7.74 0.23 -3.98	9.49 0.51 -1.41	7.37 0.39 -0.66	12.26 0.68 -0.95	14.43 0.73 0.00	44.89 0.36 -39.32	15.35 0.77 0.00	14.29 0.73 0.00	15.19 0.74 0.00	14.08 0.70 0.00	15.59 0.74 0.00	18.14 0.91 0.00	18.44 1.06 0.00	22.65 1.34 -0.02	23.37 1.51 0.00	28.62 1.75 -1.54	137.25 7.83 0.00	36.45 1.99 -2.36	32.45 1.43 -10.26	24.86 1.13 -8.44	22.50 1.48 0.01	21.27 1.01 0.00
PJM_GEN_VFT_PROXY 323633	8.92 0.27 -4.98	11.07 0.35 -5.44	7.75 0.24 -3.98	9.50 0.52 -1.41	7.39 0.41 -0.66	12.29 0.71 -0.95	14.52 0.83 0.00	15.36 0.38 -9.77	15.48 0.91 0.01	14.39 0.84 0.00	15.25 0.81 0.01	14.14 0.76 0.01	15.71 0.86 0.00	18.38 1.16 0.00	18.59 1.22 0.00	22.80 1.50 -0.02	23.36 1.50 0.00	28.31 1.76 -1.23	135.44 7.82 1.80	36.17 2.12 -1.96	31.56 1.42 -9.36	24.82 1.08 -8.45	22.40 1.37 0.00	21.28 1.02 0.00
PLATSBURG_115KV_PMLD1 355749	3.56 -0.12 0.00	5.08 -0.20 0.00	3.41 -0.12 0.00	-14.91 -0.26 22.22	2.11 -0.15 4.05	10.54 -0.08 0.00	13.64 -0.05 0.00	5.15 -0.07 0.00	14.54 -0.04 0.00	13.37 -0.18 0.00	14.30 -0.15 0.00	13.30 -0.08 0.00	14.64 -0.21 0.00	17.09 -0.13 0.00	17.22 -0.16 0.00	21.24 -0.04 0.00	21.92 0.06 0.00	25.39 0.07 0.00	133.22 3.80 0.00	33.27 1.18 0.00	21.40 0.63 0.00	15.63 0.34 0.00	21.30 0.27 0.00	20.53 0.27 0.00

PLEASANTVLY___LBMP 24000	8.32 0.21 -4.43	11.45 0.28 -5.89	8.02 0.19 -4.31	9.50 0.40 -1.53	7.37 0.33 -0.72	12.21 0.56 -1.03	14.35 0.65 0.00	33.47 0.31 -27.95	15.32 0.75 0.00	14.24 0.69 0.00	15.11 0.66 0.00	13.99 0.60 0.00	15.51 0.67 0.00	18.11 0.89 0.00	18.33 0.95 0.00	22.51 1.20 -0.03	23.11 1.24 0.00	28.46 1.48 -1.66	136.33 6.91 0.00	37.55 1.82 -3.63	33.03 1.21 -11.04	25.29 0.90 -9.10	22.12 1.09 0.00	21.03 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	8.73 0.25 -4.80	11.16 0.33 -5.56	7.82 0.22 -4.07	9.49 0.48 -1.44	7.38 0.39 -0.68	12.27 0.67 -0.97	14.49 0.79 0.00	41.49 0.36 -35.92	15.47 0.89 0.00	14.38 0.83 0.00	15.25 0.81 0.00	14.13 0.75 0.00	15.67 0.82 0.00	18.30 1.08 0.00	18.52 1.14 0.00	22.72 1.42 -0.02	23.33 1.47 0.00	28.64 1.74 -1.58	137.57 8.14 0.00	37.68 2.14 -3.44	32.66 1.42 -10.47	24.98 1.06 -8.63	22.35 1.32 0.00	21.24 0.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	8.73 0.25 -4.80	11.16 0.33 -5.56	7.82 0.22 -4.07	9.49 0.48 -1.44	7.38 0.39 -0.68	12.27 0.67 -0.97	14.49 0.79 0.00	41.49 0.36 -35.92	15.47 0.89 0.00	14.38 0.83 0.00	15.25 0.81 0.00	14.13 0.75 0.00	15.67 0.82 0.00	18.30 1.08 0.00	18.52 1.14 0.00	22.72 1.42 -0.02	23.33 1.47 0.00	28.64 1.74 -1.58	137.57 8.14 0.00	37.68 2.14 -3.44	32.66 1.42 -10.47	24.98 1.06 -8.63	22.35 1.32 0.00	21.24 0.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	7.47 0.24 -3.56	11.28 0.31 -5.70	7.90 0.21 -4.17	9.49 0.45 -1.48	7.38 0.37 -0.70	12.25 0.62 -1.00	14.45 0.75 0.00	21.92 0.34 -16.37	15.44 0.86 0.00	14.34 0.79 0.00	15.21 0.77 0.00	14.08 0.69 0.00	15.60 0.75 0.00	18.22 0.99 0.00	18.45 1.07 0.00	22.69 1.38 -0.02	23.30 1.44 0.00	28.68 1.74 -1.61	137.79 8.36 0.00	37.83 2.20 -3.53	32.94 1.44 -10.72	25.17 1.04 -8.84	22.31 1.28 0.00	21.21 0.95 0.00
POLETTI____ 23519	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.54 0.97 0.00	14.45 0.90 0.00	15.33 0.89 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.63 1.26 0.00	22.86 1.55 -0.02	23.43 1.56 0.00	28.68 1.82 -1.54	137.70 8.28 0.00	37.68 2.21 -3.37	32.49 1.47 -10.25	24.86 1.11 -8.45	22.45 1.42 0.00	21.31 1.05 0.00
POMONA___ESR 323819	2.75 0.24 1.16	10.56 0.31 -4.98	7.38 0.21 -3.64	9.31 0.45 -1.29	7.29 0.37 -0.61	12.12 0.62 -0.87	14.44 0.74 0.00	-46.77 0.33 52.32	15.40 0.82 0.00	14.33 0.78 0.00	15.20 0.75 0.00	14.08 0.69 0.00	15.65 0.80 0.00	18.27 1.05 0.00	18.49 1.11 0.00	22.68 1.38 -0.02	23.26 1.40 0.00	28.42 1.68 -1.42	137.15 7.72 0.00	37.23 2.03 -3.10	31.55 1.34 -9.43	24.07 0.99 -7.77	22.28 1.25 0.00	21.21 0.94 0.00
PORT_JEFF_3 23555	8.98 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.63 -1.41	7.48 0.50 -0.66	12.44 0.86 -0.95	14.63 0.94 0.00	44.97 0.44 -39.32	15.52 0.94 0.00	14.43 0.88 0.00	15.30 0.86 0.00	14.23 0.84 0.00	15.79 0.94 0.00	18.27 1.04 0.00	18.57 1.19 0.00	22.89 1.58 -0.02	23.75 1.88 0.00	29.09 2.22 -1.54	139.99 10.56 0.00	38.01 2.54 -3.37	32.86 1.83 -10.26	25.23 1.48 -8.45	23.01 1.98 0.00	21.70 1.44 0.00
PORT_JEFF_4 23616	8.98 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.63 -1.41	7.48 0.50 -0.66	12.44 0.86 -0.95	14.63 0.94 0.00	44.97 0.44 -39.32	15.52 0.94 0.00	14.43 0.88 0.00	15.30 0.86 0.00	14.23 0.84 0.00	15.79 0.94 0.00	18.27 1.04 0.00	18.57 1.19 0.00	22.89 1.58 -0.02	23.75 1.88 0.00	29.09 2.22 -1.54	139.99 10.56 0.00	38.01 2.54 -3.37	32.86 1.83 -10.26	25.23 1.48 -8.45	23.01 1.98 0.00	21.70 1.44 0.00
PORT_JEFF_IC 23713	8.99 0.34 -4.97	11.14 0.42 -5.44	7.80 0.29 -3.98	9.62 0.63 -1.41	7.48 0.50 -0.66	12.44 0.86 -0.95	14.64 0.94 0.00	44.97 0.44 -39.32	15.52 0.95 0.00	14.43 0.88 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.95 0.00	18.27 1.05 0.00	18.58 1.20 0.00	22.90 1.60 -0.02	23.75 1.89 0.00	29.05 2.18 -1.54	139.80 10.38 0.00	38.01 2.54 -3.37	32.87 1.84 -10.26	25.27 1.53 -8.45	23.06 2.03 0.00	21.75 1.48 0.00
PPL PILGRIM_ST_GT1 24216	8.99 0.34 -4.97	11.15 0.43 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.67 0.98 0.00	44.98 0.45 -39.32	15.57 0.99 0.00	14.47 0.92 0.00	15.36 0.91 0.00	14.28 0.90 0.00	15.84 1.00 0.00	18.35 1.12 0.00	18.66 1.28 0.00	22.98 1.67 -0.02	23.83 1.96 0.00	29.20 2.33 -1.54	140.06 10.63 0.00	37.78 2.31 -3.37	32.81 1.78 -10.26	25.24 1.50 -8.45	23.03 2.00 0.00	21.74 1.48 0.00
PPL PILGRIM_ST_GT2 24217	8.99 0.34 -4.97	11.15 0.43 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.67 0.98 0.00	44.98 0.45 -39.32	15.57 0.99 0.00	14.47 0.92 0.00	15.36 0.91 0.00	14.28 0.90 0.00	15.84 1.00 0.00	18.35 1.12 0.00	18.66 1.28 0.00	22.98 1.67 -0.02	23.83 1.96 0.00	29.20 2.33 -1.54	140.06 10.63 0.00	37.78 2.31 -3.37	32.81 1.78 -10.26	25.24 1.50 -8.45	23.03 2.00 0.00	21.74 1.48 0.00
PPL_SHRM_GT3 24213	9.00 0.36 -4.97	11.16 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.50 0.52 -0.66	12.47 0.90 -0.95	14.68 0.98 0.00	44.99 0.46 -39.32	15.55 0.98 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.23 1.00 0.00	18.57 1.20 0.00	22.90 1.60 -0.02	23.80 1.93 0.00	29.21 2.35 -1.54	140.77 11.34 0.00	38.18 2.71 -3.37	32.97 1.94 -10.26	25.30 1.56 -8.45	23.10 2.07 0.00	21.78 1.51 0.00
PPL_SHRM_GT4 24214	9.00 0.36 -4.97	11.16 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.50 0.52 -0.66	12.47 0.90 -0.95	14.68 0.98 0.00	44.99 0.46 -39.32	15.55 0.98 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.23 1.00 0.00	18.57 1.20 0.00	22.90 1.60 -0.02	23.80 1.93 0.00	29.21 2.35 -1.54	140.77 11.34 0.00	38.18 2.71 -3.37	32.97 1.94 -10.26	25.30 1.56 -8.45	23.10 2.07 0.00	21.78 1.51 0.00
PROJECT___ORANGE 1 24174	3.86 -0.04 -0.22	5.71 -0.05 -0.49	3.84 -0.04 -0.36	7.61 -0.08 -0.13	6.30 -0.07 -0.06	10.58 -0.13 -0.09	13.55 -0.15 0.00	5.15 -0.06 0.00	14.46 -0.11 0.00	13.42 -0.13 0.00	14.34 -0.10 0.00	13.28 -0.10 0.00	14.76 -0.09 0.00	17.06 -0.17 0.00	17.17 -0.21 0.00	21.37 -0.28 -0.37	71.41 -0.34 -49.89	25.09 -0.26 -0.04	128.16 -1.27 0.00	31.84 -0.34 -0.08	20.77 -0.24 -0.24	15.29 -0.20 -0.19	20.76 -0.27 0.00	20.07 -0.19 0.00
PROJECT___ORANGE 2 24166	3.86 -0.04 -0.22	5.71 -0.05 -0.49	3.84 -0.04 -0.36	7.61 -0.08 -0.13	6.30 -0.07 -0.06	10.58 -0.13 -0.09	13.55 -0.15 0.00	5.15 -0.06 0.00	14.46 -0.11 0.00	13.42 -0.13 0.00	14.34 -0.10 0.00	13.28 -0.10 0.00	14.76 -0.09 0.00	17.06 -0.17 0.00	17.17 -0.21 0.00	21.37 -0.28 -0.37	71.41 -0.34 -49.89	25.09 -0.26 -0.04	128.16 -1.27 0.00	31.84 -0.34 -0.08	20.77 -0.24 -0.24	15.29 -0.20 -0.19	20.76 -0.27 0.00	20.07 -0.19 0.00

PUCKETT___SOLAR 323809	4.53 0.05 -0.80	7.17 0.10 -1.79	4.88 0.04 -1.31	8.15 0.12 -0.46	6.63 0.10 -0.22	11.09 0.15 -0.31	13.91 0.21 0.00	5.29 0.08 0.00	14.83 0.26 0.00	13.64 0.09 0.00	14.62 0.17 0.00	13.53 0.14 0.00	15.09 0.25 0.00	17.45 0.22 0.00	17.53 0.15 0.00	22.91 0.18 -1.45	87.02 0.17 -64.99	26.95 0.43 -1.19	131.51 2.09 0.00	33.08 0.52 -0.46	22.46 0.28 -1.41	16.61 0.15 -1.16	21.24 0.21 0.00	20.47 0.21 0.00
PYRITES___HYD 24023	3.68 0.00 0.00	5.28 0.00 0.00	3.53 0.00 0.00	10.78 0.03 -3.19	6.93 0.04 -0.58	10.71 0.09 0.00	14.00 0.30 0.00	5.41 0.20 0.00	15.12 0.55 0.00	14.07 0.52 0.00	15.03 0.58 0.00	13.95 0.56 0.00	15.42 0.57 0.00	17.77 0.55 0.00	17.95 0.57 0.00	21.90 0.62 0.00	22.53 0.67 0.00	25.99 0.66 0.00	133.94 4.52 0.00	33.06 0.96 0.00	21.14 0.36 0.00	15.51 0.22 0.00	21.37 0.34 0.00	20.66 0.39 0.00
QUAKERRD_115KV_BK1 80622	3.77 -0.18 -0.27	5.63 -0.25 -0.61	3.79 -0.19 -0.45	7.34 -0.38 -0.16	6.07 -0.32 -0.07	10.18 -0.55 -0.11	13.06 -0.64 0.00	4.92 -0.29 0.00	13.96 -0.62 0.00	12.99 -0.55 0.00	13.94 -0.51 0.00	12.92 -0.47 0.00	14.39 -0.46 0.00	16.52 -0.70 0.00	16.51 -0.87 0.00	20.41 -1.13 -0.26	55.38 -1.25 -34.77	24.17 -1.19 -0.05	123.73 -5.69 0.00	30.62 -1.57 -0.10	20.03 -1.04 -0.30	14.77 -0.77 -0.25	20.07 -0.96 0.00	19.46 -0.80 0.00
QUENSBRY_115KV_TB8 356137	8.02 0.19 -4.15	12.73 0.27 -7.18	8.96 0.17 -5.25	9.81 0.38 -1.87	7.54 0.35 -0.88	12.51 0.63 -1.26	14.49 0.79 0.00	19.73 0.35 -14.17	15.54 0.96 0.00	14.36 0.81 0.00	15.17 0.72 0.00	14.06 0.68 0.00	15.63 0.78 0.00	18.19 0.96 0.00	18.41 1.03 0.00	22.95 1.64 -0.03	23.44 1.57 0.00	29.17 1.84 -2.01	139.35 9.93 0.00	39.05 2.55 -4.40	35.75 1.60 -13.37	27.37 1.06 -11.02	22.16 1.14 0.00	21.09 0.83 0.00
RAMAPO___LBMP 323565	2.77 0.22 1.13	10.49 0.29 -4.93	7.33 0.20 -3.61	9.27 0.43 -1.28	7.27 0.35 -0.60	12.08 0.59 -0.86	14.39 0.70 0.00	-45.94 0.31 51.46	15.34 0.77 0.00	14.28 0.73 0.00	15.15 0.71 0.00	14.04 0.65 0.00	15.59 0.74 0.00	18.21 0.98 0.00	18.42 1.04 0.00	22.59 1.29 -0.02	23.18 1.31 0.00	28.30 1.57 -1.41	136.63 7.20 0.00	37.07 1.90 -3.08	31.38 1.25 -9.35	23.94 0.93 -7.71	22.19 1.16 0.00	21.14 0.87 0.00
RANKINE___ 23646	3.87 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.40 4.37	2.88 -0.33 3.11	9.10 -0.68 0.84	12.94 -0.76 0.00	-1.09 -0.41 5.89	10.43 -0.65 3.49	13.02 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.04 0.04	11.82 -1.41 8.06	47.98 -1.72 -27.84	15.49 -1.49 8.35	122.43 -7.00 -0.01	30.19 -2.06 -0.15	19.67 -1.38 -0.28	14.55 -0.94 -0.20	20.13 -0.90 0.00	19.66 -0.60 0.00
RAVENSWOOD_GT2_1 24244	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.49 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.32 1.06 0.00
RAVENSWOOD_GT2_2 24245	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.49 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.32 1.06 0.00
RAVENSWOOD_GT2_3 24246	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.97 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.81 0.00	15.75 0.91 0.00	18.42 1.20 0.00	18.63 1.26 0.00	22.86 1.56 -0.02	23.45 1.58 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.49 -10.25	24.87 1.13 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
RAVENSWOOD_GT2_4 24247	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.97 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.81 0.00	15.75 0.91 0.00	18.42 1.20 0.00	18.63 1.26 0.00	22.86 1.56 -0.02	23.45 1.58 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.49 -10.25	24.87 1.13 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
RAVENSWOOD_GT3_1 24248	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.49 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.32 1.06 0.00
RAVENSWOOD_GT3_2 24249	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.49 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.32 1.06 0.00
RAVENSWOOD_GT3_3 24250	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.44 -0.66	12.33 0.75 -0.95	14.59 0.89 0.00	45.03 0.41 -39.41	15.57 0.99 0.00	14.48 0.92 0.00	15.36 0.91 0.00	14.23 0.84 0.00	15.78 0.93 0.00	18.45 1.23 0.00	18.67 1.29 0.00	22.90 1.60 -0.02	23.49 1.62 0.00	28.75 1.89 -1.54	138.04 8.61 0.00	37.77 2.30 -3.37	32.55 1.53 -10.25	24.89 1.15 -8.45	22.50 1.47 0.00	21.36 1.10 0.00
RAVENSWOOD_GT3_4 24251	8.93 0.28 -4.98	11.09 0.37 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.44 -0.66	12.33 0.75 -0.95	14.59 0.89 0.00	45.03 0.41 -39.41	15.57 0.99 0.00	14.48 0.92 0.00	15.36 0.91 0.00	14.23 0.84 0.00	15.78 0.93 0.00	18.45 1.23 0.00	18.67 1.29 0.00	22.90 1.60 -0.02	23.49 1.62 0.00	28.75 1.89 -1.54	138.04 8.61 0.00	37.77 2.30 -3.37	32.55 1.53 -10.25	24.89 1.15 -8.45	22.50 1.47 0.00	21.36 1.10 0.00
RAVENSWOOD_GT_1 23729	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	51.78 0.42 -46.15	15.61 1.03 -0.01	14.48 0.93 0.00	15.37 0.93 0.00	14.25 0.86 0.00	15.80 0.95 0.00	18.47 1.24 0.00	18.68 1.30 0.00	22.92 1.62 -0.02	23.51 1.65 0.00	28.77 1.91 -1.54	138.09 8.67 0.00	37.78 2.31 -3.37	32.57 1.55 -10.25	24.91 1.16 -8.45	22.51 1.48 0.00	21.37 1.11 0.00

RAVENSWOOD_GT_10 24258	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.27 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.50 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.33 1.06 0.00
RAVENSWOOD_GT_11 24259	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.32 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.97 0.00	14.46 0.90 0.00	15.34 0.90 0.00	14.21 0.83 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.26 0.00	22.87 1.56 -0.02	23.44 1.58 0.00	28.71 1.85 -1.54	137.80 8.38 0.00	37.71 2.24 -3.37	32.52 1.50 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.33 1.07 0.00
RAVENSWOOD_GT_4 24252	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.39 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.81 0.00	15.75 0.90 0.00	18.42 1.19 0.00	18.63 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.70 1.84 -1.54	137.83 8.40 0.00	37.71 2.24 -3.37	32.51 1.49 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
RAVENSWOOD_GT_5 24254	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.39 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.81 0.00	15.75 0.90 0.00	18.42 1.19 0.00	18.63 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.70 1.84 -1.54	137.83 8.40 0.00	37.71 2.24 -3.37	32.51 1.49 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
RAVENSWOOD_GT_6 24253	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.39 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.81 0.00	15.75 0.90 0.00	18.42 1.19 0.00	18.63 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.70 1.84 -1.54	137.83 8.40 0.00	37.71 2.24 -3.37	32.51 1.49 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
RAVENSWOOD_GT_7 24255	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.39 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.81 0.00	15.75 0.90 0.00	18.42 1.19 0.00	18.63 1.26 0.00	22.86 1.55 -0.02	23.44 1.58 0.00	28.70 1.84 -1.54	137.83 8.40 0.00	37.71 2.24 -3.37	32.51 1.49 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.32 1.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.27 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.50 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.33 1.06 0.00
RAVENSWOOD_GT_9 24257	8.93 0.28 -4.98	11.08 0.37 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.74 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.55 0.98 0.00	14.46 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.91 0.00	18.43 1.20 0.00	18.64 1.27 0.00	22.87 1.56 -0.02	23.45 1.59 0.00	28.71 1.85 -1.54	137.84 8.42 0.00	37.72 2.25 -3.37	32.52 1.50 -10.25	24.87 1.13 -8.45	22.47 1.44 0.00	21.33 1.06 0.00
RAVENSWOOD___1 23533	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	51.78 0.42 -46.15	15.61 1.03 -0.01	14.48 0.93 0.00	15.37 0.93 0.00	14.25 0.86 0.00	15.80 0.95 0.00	18.47 1.24 0.00	18.68 1.30 0.00	22.92 1.62 -0.02	23.51 1.65 0.00	28.77 1.91 -1.54	138.09 8.67 0.00	37.78 2.31 -3.37	32.57 1.55 -10.25	24.91 1.16 -8.45	22.51 1.48 0.00	21.37 1.11 0.00
RAVENSWOOD___2 23534	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	51.78 0.42 -46.15	15.61 1.03 -0.01	14.48 0.93 0.00	15.37 0.93 0.00	14.25 0.86 0.00	15.80 0.95 0.00	18.47 1.24 0.00	18.68 1.30 0.00	22.92 1.62 -0.02	23.51 1.65 0.00	28.77 1.91 -1.54	138.09 8.67 0.00	37.78 2.31 -3.37	32.57 1.55 -10.25	24.91 1.16 -8.45	22.51 1.48 0.00	21.37 1.11 0.00
RAVENSWOOD___3 23535	8.93 0.28 -4.98	11.08 0.36 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.41 0.43 -0.66	12.31 0.73 -0.95	14.57 0.88 0.00	45.02 0.40 -39.41	15.54 0.96 0.00	14.45 0.90 0.00	15.33 0.88 0.00	14.20 0.82 0.00	15.75 0.90 0.00	18.42 1.19 0.00	18.63 1.26 0.00	22.86 1.55 -0.02	23.44 1.57 0.00	28.71 1.84 -1.54	137.78 8.36 0.00	37.71 2.24 -3.37	32.51 1.48 -10.25	24.87 1.12 -8.45	22.46 1.43 0.00	21.33 1.06 0.00
RAVENSWOOD___4 23820	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	51.78 0.42 -46.15	15.61 1.03 -0.01	14.48 0.93 0.00	15.37 0.93 0.00	14.25 0.86 0.00	15.80 0.95 0.00	18.47 1.24 0.00	18.68 1.30 0.00	22.92 1.62 -0.02	23.51 1.65 0.00	28.77 1.91 -1.54	138.09 8.67 0.00	37.78 2.31 -3.37	32.57 1.55 -10.25	24.91 1.16 -8.45	22.51 1.48 0.00	21.37 1.11 0.00
RCPL_TRUST___DRP 24196	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.44 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	45.04 0.41 -39.41	15.58 1.00 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.23 0.85 0.00	15.78 0.93 0.00	18.48 1.25 0.00	18.69 1.32 0.00	22.93 1.62 -0.02	23.50 1.64 0.00	28.76 1.90 -1.54	138.16 8.74 0.00	37.79 2.32 -3.37	32.56 1.54 -10.25	24.91 1.16 -8.45	22.52 1.50 0.00	21.37 1.10 0.00
RED___ROCHESTER 323720	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.31 -0.27 0.00	13.33 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.90 -0.48 0.00	20.87 -0.67 -0.26	55.94 -0.79 -34.86	24.75 -0.62 -0.05	126.88 -2.55 0.00	31.36 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.42 -0.25	20.59 -0.44 0.00	19.95 -0.31 0.00
REGAN___SOLAR 323812	8.01 0.18 -4.15	12.81 0.30 -7.23	9.01 0.19 -5.29	9.83 0.38 -1.88	7.56 0.36 -0.88	12.53 0.64 -1.27	14.54 0.84 0.00	19.43 0.30 -13.92	15.07 0.49 0.00	13.77 0.22 0.00	14.34 -0.11 0.00	13.63 0.25 0.00	14.92 0.08 0.00	16.90 -0.32 0.00	18.06 0.69 0.00	22.22 0.90 -0.03	23.20 1.34 0.00	29.27 1.93 -2.02	139.53 10.10 0.00	38.94 2.42 -4.42	35.76 1.54 -13.44	27.35 0.98 -11.08	22.34 1.31 0.00	21.47 1.21 0.00

RENSSELAER___COGEN 23796	7.84 0.07 -4.09	12.37 0.11 -6.99	8.71 0.07 -5.11	9.53 0.14 -1.81	7.29 0.13 -0.85	12.03 0.19 -1.22	13.85 0.15 0.00	20.11 0.11 -14.79	14.81 0.23 0.00	13.71 0.16 0.00	14.53 0.09 0.00	13.46 0.08 0.00	14.91 0.06 0.00	17.39 0.16 0.00	17.62 0.25 0.00	21.70 0.39 -0.03	22.29 0.43 0.00	27.83 0.55 -1.96	132.12 2.70 0.00	37.06 0.68 -4.28	34.23 0.45 -13.00	26.31 0.30 -10.71	21.30 0.27 0.00	20.33 0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	8.13 0.31 -4.15	12.89 0.43 -7.18	9.06 0.28 -5.25	10.05 0.62 -1.86	7.77 0.58 -0.88	12.98 1.10 -1.26	15.10 1.40 0.00	19.96 0.56 -14.19	16.15 1.58 0.00	14.73 1.18 0.00	15.43 0.99 0.00	14.44 1.05 0.00	16.17 1.32 0.00	18.80 1.57 0.00	19.09 1.72 0.00	23.88 2.57 -0.03	24.38 2.52 0.00	30.30 2.96 -2.01	145.25 15.83 0.00	40.43 3.94 -4.40	36.59 2.44 -13.37	27.98 1.67 -11.02	22.84 1.81 0.00	21.53 1.27 0.00
REVERE_CPPR_DRP 24186	3.85 0.04 -0.13	5.63 0.06 -0.29	3.79 0.04 -0.21	7.73 0.09 -0.07	6.43 0.08 -0.04	10.87 0.19 -0.05	13.97 0.27 0.00	5.33 0.11 0.00	14.90 0.32 0.00	13.85 0.30 0.00	14.78 0.33 0.00	13.72 0.33 0.00	15.21 0.37 0.00	17.60 0.38 0.00	17.77 0.39 0.00	22.00 0.55 -0.17	45.20 0.62 -22.72	26.19 0.86 0.00	134.29 4.86 0.00	33.28 1.18 0.00	21.47 0.69 0.00	15.76 0.46 0.00	21.62 0.59 0.00	20.81 0.55 0.00
REYNOLDS_115KV_TB3 80639	7.88 0.09 -4.12	12.40 0.13 -7.00	8.74 0.09 -5.12	9.57 0.19 -1.82	7.33 0.16 -0.85	12.10 0.25 -1.22	13.92 0.23 0.00	20.44 0.14 -15.09	14.88 0.31 0.00	13.78 0.23 0.00	14.60 0.16 0.00	13.53 0.15 0.00	15.00 0.15 0.00	17.48 0.26 0.00	17.72 0.34 0.00	21.83 0.51 -0.03	22.41 0.55 0.00	27.97 0.69 -1.96	132.82 3.39 0.00	37.25 0.87 -4.28	34.36 0.56 -13.02	26.41 0.39 -10.73	21.42 0.39 0.00	20.43 0.16 0.00
RIVERBAY____ 323610	8.92 0.27 -4.98	11.07 0.36 -5.44	7.75 0.25 -3.98	9.51 0.53 -1.41	7.40 0.42 -0.66	12.31 0.73 -0.95	14.56 0.86 0.00	45.01 0.40 -39.41	15.53 0.95 0.00	14.40 0.85 0.00	15.25 0.81 0.00	14.16 0.78 0.00	15.72 0.87 0.00	18.37 1.14 0.00	18.59 1.21 0.00	22.81 1.51 -0.02	23.41 1.55 0.00	28.65 1.79 -1.54	137.56 8.14 0.00	37.66 2.20 -3.37	32.49 1.47 -10.25	24.84 1.10 -8.45	22.39 1.36 0.00	21.27 1.01 0.00
RIVERSDE_115KV_TB3 55908	7.87 0.09 -4.11	12.41 0.12 -7.01	8.74 0.08 -5.13	9.56 0.17 -1.82	7.31 0.14 -0.86	12.07 0.22 -1.23	13.89 0.19 0.00	20.26 0.13 -14.92	14.85 0.27 0.00	13.75 0.20 0.00	14.58 0.13 0.00	13.51 0.12 0.00	14.97 0.12 0.00	17.45 0.22 0.00	17.68 0.31 0.00	21.78 0.47 -0.03	22.37 0.51 0.00	27.92 0.64 -1.96	132.55 3.13 0.00	37.19 0.80 -4.29	34.34 0.52 -13.04	26.40 0.36 -10.75	21.37 0.34 0.00	20.38 0.12 0.00
ROARING___BROOK_WT_PWR 323790	3.48 -0.19 0.00	5.00 -0.27 0.00	3.38 -0.15 0.00	7.12 -0.45 0.00	5.89 -0.43 0.00	10.12 -0.50 0.00	13.01 -0.68 0.00	4.95 -0.26 0.00	13.90 -0.67 0.00	12.91 -0.64 0.00	13.71 -0.74 0.00	12.78 -0.61 0.00	14.30 -0.55 0.00	16.33 -0.89 0.00	16.68 -0.69 0.00	20.63 -0.66 0.00	21.50 -0.36 0.00	24.92 -0.41 0.00	127.93 -1.49 0.00	31.56 -0.54 0.00	20.22 -0.56 0.00	15.00 -0.29 0.00	20.68 -0.36 0.00	19.93 -0.33 0.00
ROCHESRG_115KV_T4 355643	3.82 -0.13 -0.28	5.54 -0.18 -0.45	3.85 -0.14 -0.46	6.92 -0.28 0.36	5.79 -0.23 0.29	10.20 -0.42 0.01	13.24 -0.46 0.00	4.30 -0.23 0.68	13.77 -0.41 0.40	13.20 -0.35 0.00	14.19 -0.26 0.00	13.15 -0.24 0.00	14.64 -0.21 0.00	16.79 -0.44 0.00	16.74 -0.63 0.00	20.66 -0.88 -0.25	54.91 -1.02 -34.07	24.49 -0.88 -0.05	125.43 -4.00 0.00	31.02 -1.18 -0.10	20.29 -0.79 -0.31	14.98 -0.57 -0.25	20.40 -0.63 0.00	19.79 -0.47 0.00
ROCHESTER_9_IC 23652	3.85 -0.11 -0.28	5.75 -0.16 -0.63	3.87 -0.13 -0.46	7.49 -0.25 -0.16	6.19 -0.20 -0.08	10.36 -0.38 -0.11	13.30 -0.39 0.00	5.00 -0.21 0.00	14.25 -0.33 0.00	13.27 -0.28 0.00	14.26 -0.19 0.00	13.22 -0.17 0.00	14.72 -0.13 0.00	16.88 -0.35 0.00	16.83 -0.55 0.00	20.77 -0.78 -0.26	55.82 -0.91 -34.86	24.63 -0.74 -0.05	126.20 -3.23 0.00	31.21 -1.00 -0.10	20.41 -0.67 -0.31	15.06 -0.49 -0.25	20.50 -0.53 0.00	19.90 -0.37 0.00
ROCKVIEW_13_KV_LD 356306	8.92 0.27 -4.98	11.07 0.35 -5.44	7.74 0.24 -3.98	9.49 0.51 -1.41	7.39 0.41 -0.66	12.28 0.71 -0.95	14.54 0.85 0.00	45.03 0.38 -39.44	15.51 0.94 0.00	14.43 0.88 0.00	15.31 0.87 0.00	14.18 0.80 0.00	15.73 0.88 0.00	18.38 1.15 0.00	18.60 1.22 0.00	22.83 1.52 -0.02	23.43 1.57 0.00	28.71 1.84 -1.54	137.95 8.53 0.00	37.71 2.24 -3.37	32.51 1.49 -10.25	24.86 1.11 -8.45	22.44 1.41 0.00	21.31 1.05 0.00
ROME____115KV_TB2 80656	3.85 0.04 -0.13	5.63 0.06 -0.29	3.79 0.04 -0.21	7.73 0.09 -0.07	6.43 0.08 -0.04	10.87 0.19 -0.05	13.97 0.27 0.00	5.33 0.11 0.00	14.90 0.32 0.00	13.85 0.30 0.00	14.78 0.33 0.00	13.72 0.33 0.00	15.21 0.37 0.00	17.60 0.38 0.00	17.77 0.39 0.00	22.00 0.55 -0.17	45.20 0.62 -22.72	26.19 0.86 0.00	134.29 4.86 0.00	33.28 1.18 0.00	21.47 0.69 0.00	15.76 0.46 0.00	21.62 0.59 0.00	20.81 0.55 0.00
ROSETON___1 23587	8.39 0.22 -4.50	11.35 0.29 -5.79	7.96 0.20 -4.23	9.49 0.42 -1.50	7.37 0.34 -0.71	12.22 0.58 -1.01	14.38 0.68 0.00	35.09 0.32 -29.56	15.35 0.77 0.00	14.27 0.72 0.00	15.14 0.69 0.00	14.02 0.63 0.00	15.54 0.70 0.00	18.15 0.92 0.00	18.37 1.00 0.00	22.55 1.24 -0.02	23.15 1.29 0.00	28.49 1.53 -1.63	136.52 7.10 0.00	37.55 1.88 -3.57	32.90 1.25 -10.87	25.18 0.93 -8.96	22.16 1.14 0.00	21.08 0.81 0.00
ROSETON___2 23588	8.39 0.22 -4.50	11.35 0.29 -5.79	7.96 0.20 -4.23	9.49 0.42 -1.50	7.37 0.34 -0.71	12.22 0.58 -1.01	14.38 0.68 0.00	35.09 0.32 -29.56	15.35 0.77 0.00	14.27 0.72 0.00	15.14 0.69 0.00	14.02 0.63 0.00	15.54 0.70 0.00	18.15 0.92 0.00	18.37 1.00 0.00	22.55 1.24 -0.02	23.15 1.29 0.00	28.49 1.53 -1.63	136.52 7.10 0.00	37.55 1.88 -3.57	32.90 1.25 -10.87	25.18 0.93 -8.96	22.16 1.14 0.00	21.08 0.81 0.00
ROTTRDAM_115KV_TB3 80664	7.96 0.13 -4.15	12.69 0.18 -7.23	8.94 0.12 -5.29	9.70 0.26 -1.88	7.42 0.22 -0.88	12.26 0.37 -1.27	14.13 0.43 0.00	19.33 0.20 -13.92	15.09 0.52 0.00	13.99 0.44 0.00	14.84 0.39 0.00	13.75 0.36 0.00	15.26 0.41 0.00	17.76 0.54 0.00	17.98 0.60 0.00	22.15 0.84 -0.03	22.73 0.86 0.00	28.40 1.05 -2.02	134.76 5.34 0.00	37.87 1.36 -4.42	35.10 0.88 -13.44	26.99 0.61 -11.08	21.74 0.71 0.00	20.79 0.52 0.00
RUSSELL___1 23602	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.30 -0.27 0.00	13.32 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.89 -0.48 0.00	20.85 -0.69 -0.26	55.91 -0.82 -34.86	24.74 -0.63 -0.05	126.79 -2.64 0.00	31.35 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.43 -0.25	20.59 -0.44 0.00	19.97 -0.30 0.00

RUSSELL___2 23532	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.30 -0.27 0.00	13.32 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.89 -0.48 0.00	20.85 -0.69 -0.26	55.91 -0.82 -34.86	24.74 -0.63 -0.05	126.79 -2.64 0.00	31.35 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.43 -0.25	20.59 -0.44 0.00	19.97 -0.30 0.00
RUSSELL___3 23549	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.30 -0.27 0.00	13.32 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.89 -0.48 0.00	20.85 -0.69 -0.26	55.91 -0.82 -34.86	24.74 -0.63 -0.05	126.79 -2.64 0.00	31.35 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.43 -0.25	20.59 -0.44 0.00	19.97 -0.30 0.00
RUSSELL___4 23556	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.30 -0.27 0.00	13.32 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.89 -0.48 0.00	20.85 -0.69 -0.26	55.91 -0.82 -34.86	24.74 -0.63 -0.05	126.79 -2.64 0.00	31.35 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.43 -0.25	20.59 -0.44 0.00	19.97 -0.30 0.00
RUSSELL___STATION 23914	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.30 -0.27 0.00	13.32 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.89 -0.48 0.00	20.85 -0.69 -0.26	55.91 -0.82 -34.86	24.74 -0.63 -0.05	126.79 -2.64 0.00	31.35 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.43 -0.25	20.59 -0.44 0.00	19.97 -0.30 0.00
S SALMON___HYD 24043	3.80 -0.06 -0.18	5.60 -0.09 -0.41	3.77 -0.06 -0.30	7.98 -0.13 -0.54	6.32 -0.12 -0.13	10.50 -0.19 -0.07	13.47 -0.23 0.00	5.14 -0.07 0.00	14.39 -0.18 0.00	13.38 -0.17 0.00	14.31 -0.14 0.00	13.28 -0.10 0.00	14.77 -0.07 0.00	17.03 -0.20 0.00	17.16 -0.21 0.00	21.33 -0.25 -0.29	60.69 -0.24 -39.06	25.34 0.02 0.00	130.06 0.64 0.00	32.21 0.11 0.00	20.82 0.04 0.00	15.27 -0.03 0.00	20.99 -0.04 0.00	20.33 0.06 0.00
S.PERRY___115KV_TB1 80734	4.03 -0.06 -0.41	10.53 -0.05 -5.31	4.13 -0.07 -0.67	20.54 -0.11 -13.08	15.33 -0.09 -9.10	13.37 -0.21 -2.96	13.52 -0.19 -0.01	21.54 -0.13 -16.46	24.24 -0.07 -9.74	13.34 -0.21 0.00	14.35 -0.10 0.00	13.24 -0.14 0.00	14.72 -0.13 0.00	16.83 -0.40 0.00	16.85 -0.64 -0.11	44.74 -0.79 -24.25	123.62 -0.84 -102.59	49.12 -0.30 -24.09	129.77 0.35 0.00	32.16 -0.09 -0.15	21.53 -0.15 -0.90	15.98 -0.13 -0.81	20.99 -0.05 0.00	20.39 0.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	3.81 -0.24 -0.38	4.30 -0.31 0.66	3.91 -0.25 -0.63	2.86 -0.48 4.23	2.90 -0.40 3.01	9.00 -0.81 0.82	12.79 -0.91 0.00	-0.97 -0.47 5.70	10.37 -0.83 3.38	12.86 -0.69 0.00	13.94 -0.51 0.00	12.92 -0.47 0.00	14.44 -0.41 0.00	16.39 -0.83 0.00	16.08 -1.26 0.04	11.79 -1.70 7.80	42.81 -2.04 -22.98	15.38 -1.86 8.08	120.49 -8.93 0.00	29.66 -2.57 -0.14	19.35 -1.70 -0.27	14.34 -1.16 -0.19	19.86 -1.18 0.00	19.43 -0.84 0.00
SAWYER___23_KV_LOAD 55526	3.81 -0.24 -0.38	4.30 -0.31 0.66	3.91 -0.25 -0.63	2.86 -0.48 4.23	2.90 -0.40 3.01	9.00 -0.81 0.82	12.79 -0.91 0.00	-0.97 -0.47 5.70	10.37 -0.83 3.38	12.86 -0.69 0.00	13.94 -0.51 0.00	12.92 -0.47 0.00	14.44 -0.41 0.00	16.39 -0.83 0.00	16.08 -1.26 0.04	11.79 -1.70 7.80	42.81 -2.04 -22.98	15.38 -1.86 8.08	120.49 -8.93 0.00	29.66 -2.57 -0.14	19.35 -1.70 -0.27	14.34 -1.16 -0.19	19.86 -1.18 0.00	19.43 -0.84 0.00
SELKIRK___I 23801	7.75 0.10 -3.98	12.31 0.15 -6.89	8.67 0.10 -5.04	9.58 0.22 -1.79	7.35 0.19 -0.84	12.13 0.30 -1.21	14.01 0.32 0.00	19.19 0.16 -13.81	14.96 0.39 0.00	13.85 0.30 0.00	14.69 0.25 0.00	13.61 0.23 0.00	15.07 0.22 0.00	17.56 0.33 0.00	17.80 0.43 0.00	21.91 0.60 -0.03	22.53 0.67 0.00	28.08 0.83 -1.93	133.52 4.10 0.00	37.34 1.02 -4.21	34.26 0.67 -12.81	26.33 0.47 -10.56	21.55 0.52 0.00	20.59 0.33 0.00
SELKIRK___II 23799	7.82 0.09 -4.06	12.38 0.13 -6.97	8.72 0.09 -5.10	9.57 0.19 -1.81	7.32 0.16 -0.85	12.09 0.24 -1.22	13.94 0.25 0.00	19.80 0.14 -14.45	14.89 0.32 0.00	13.80 0.25 0.00	14.63 0.19 0.00	13.56 0.17 0.00	15.01 0.17 0.00	17.51 0.29 0.00	17.74 0.36 0.00	21.82 0.51 -0.03	22.42 0.56 0.00	27.97 0.70 -1.95	132.78 3.36 0.00	37.22 0.86 -4.26	34.32 0.57 -12.96	26.38 0.40 -10.68	21.45 0.42 0.00	20.48 0.22 0.00
SENECA OSWGO___HYD 24041	3.87 -0.01 -0.21	5.72 -0.01 -0.46	3.85 -0.01 -0.34	7.66 -0.03 -0.12	6.34 -0.03 -0.06	10.66 -0.04 -0.08	13.68 -0.02 0.00	5.21 0.00 0.00	14.62 0.04 0.00	13.57 0.02 0.00	14.50 0.06 0.00	13.45 0.07 0.00	14.96 0.11 0.00	17.27 0.04 0.00	17.37 0.00 0.00	21.61 -0.01 -0.34	67.73 -0.07 -45.93	25.50 0.14 -0.03	130.53 1.11 0.00	32.41 0.23 -0.07	21.12 0.11 -0.22	15.52 0.04 -0.19	21.06 0.03 0.00	20.37 0.11 0.00
SENECA___115KV_TB3 355854	3.87 -0.20 -0.40	4.35 -0.24 0.68	3.97 -0.21 -0.65	2.82 -0.39 4.37	2.89 -0.32 3.11	9.12 -0.66 0.84	12.96 -0.74 0.00	-1.09 -0.41 5.89	10.46 -0.63 3.49	13.04 -0.51 0.00	14.14 -0.30 0.00	13.09 -0.30 0.00	14.63 -0.22 0.00	16.63 -0.60 0.00	16.33 -1.01 0.04	11.85 -1.37 8.06	48.01 -1.68 -27.84	15.53 -1.44 8.35	122.66 -6.77 -0.01	30.23 -2.01 -0.15	19.71 -1.34 -0.28	14.58 -0.91 -0.20	20.16 -0.87 0.00	19.70 -0.57 0.00
SENECA___ENERGY 23797	3.92 -0.07 -0.31	6.20 -0.07 -1.00	3.97 -0.07 -0.51	8.50 -0.14 -1.07	6.92 -0.10 -0.70	10.75 -0.19 -0.31	13.51 -0.19 0.00	6.25 -0.10 -1.14	15.09 -0.16 -0.67	13.35 -0.20 0.00	14.30 -0.14 0.00	13.24 -0.14 0.00	14.73 -0.12 0.00	16.96 -0.27 0.00	17.02 -0.36 -0.01	23.12 -0.48 -2.32	98.74 -0.59 -77.46	26.75 -0.41 -1.84	127.56 -1.87 0.00	31.70 -0.51 -0.11	20.81 -0.35 -0.38	15.33 -0.29 -0.32	20.64 -0.39 0.00	19.96 -0.31 0.00
SHOEMAKER___GT 23640	3.29 0.19 0.57	10.01 0.25 -4.48	6.97 0.17 -3.28	9.09 0.36 -1.16	7.16 0.30 -0.55	11.91 0.50 -0.78	14.30 0.60 0.00	-34.27 0.27 39.75	15.25 0.68 0.00	14.20 0.65 0.00	15.07 0.62 0.00	13.93 0.55 0.00	15.43 0.58 0.00	18.04 0.81 0.00	18.25 0.88 0.00	22.42 1.12 -0.02	23.01 1.14 0.00	27.99 1.38 -1.29	135.92 6.50 0.00	36.60 1.69 -2.82	30.46 1.11 -8.57	23.18 0.82 -7.06	22.06 1.03 0.00	21.05 0.79 0.00
SHOEMAKR_138KV_BK 111 55601	3.33 0.19 0.53	9.95 0.25 -4.43	6.94 0.17 -3.24	9.08 0.36 -1.15	7.15 0.30 -0.54	11.90 0.50 -0.78	14.30 0.60 0.00	-33.35 0.27 38.83	15.25 0.67 0.00	14.19 0.64 0.00	15.07 0.62 0.00	13.94 0.55 0.00	15.45 0.60 0.00	18.05 0.82 0.00	18.26 0.89 0.00	22.42 1.12 -0.02	23.01 1.15 0.00	27.99 1.39 -1.27	135.92 6.50 0.00	36.57 1.68 -2.79	30.36 1.11 -8.47	23.10 0.82 -6.99	22.06 1.03 0.00	21.05 0.79 0.00

SHOREHAM_IC_1 23715	9.00 0.36 -4.97	11.16 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.50 0.52 -0.66	12.47 0.90 -0.95	14.68 0.98 0.00	44.99 0.46 -39.32	15.55 0.98 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.23 1.00 0.00	18.57 1.20 0.00	22.90 1.60 -0.02	23.80 1.93 0.00	29.21 2.35 -1.54	140.77 11.34 0.00	38.18 2.71 -3.37	32.97 1.94 -10.26	25.30 1.56 -8.45	23.10 2.07 0.00	21.78 1.51 0.00
SHOREHAM_IC_2 23716	9.00 0.36 -4.97	11.16 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.50 0.52 -0.66	12.47 0.90 -0.95	14.68 0.98 0.00	44.99 0.46 -39.32	15.55 0.98 0.00	14.45 0.90 0.00	15.32 0.88 0.00	14.24 0.86 0.00	15.81 0.96 0.00	18.23 1.00 0.00	18.57 1.20 0.00	22.90 1.60 -0.02	23.80 1.93 0.00	29.21 2.35 -1.54	140.77 11.34 0.00	38.18 2.71 -3.37	32.97 1.94 -10.26	25.30 1.56 -8.45	23.10 2.07 0.00	21.78 1.51 0.00
SISSONVILLE____ 23735	3.62 -0.05 0.00	5.20 -0.07 0.00	3.48 -0.05 0.00	11.02 -0.08 -3.54	6.90 -0.06 -0.65	10.54 -0.09 0.00	13.73 0.03 0.00	5.19 -0.02 0.00	14.43 -0.14 0.00	13.50 -0.05 0.00	14.42 -0.03 0.00	13.36 -0.03 0.00	14.82 -0.03 0.00	17.14 -0.09 0.00	17.19 -0.18 0.00	21.08 -0.20 0.00	21.75 -0.11 0.00	25.17 -0.16 0.00	129.59 0.17 0.00	32.15 0.05 0.00	20.81 0.03 0.00	15.28 -0.02 0.00	21.06 0.03 0.00	20.38 0.12 0.00
SITHE_IND_GS1 24169	3.72 -0.10 -0.15	5.47 -0.14 -0.34	3.68 -0.10 -0.25	7.44 -0.21 -0.09	6.18 -0.18 -0.04	10.38 -0.31 -0.06	13.31 -0.39 0.00	5.06 -0.16 0.00	14.18 -0.39 0.00	13.17 -0.38 0.00	14.07 -0.38 0.00	13.03 -0.36 0.00	14.46 -0.38 0.00	16.73 -0.50 0.00	16.81 -0.57 0.00	17.04 -0.73 3.52	-452.84 -0.78 473.91	24.50 -0.82 0.00	125.22 -4.21 0.00	31.04 -1.06 0.00	20.09 -0.69 0.00	14.79 -0.51 0.00	20.34 -0.70 0.00	19.69 -0.57 0.00
SITHE_IND_GS2 24170	3.72 -0.10 -0.15	5.47 -0.14 -0.34	3.68 -0.10 -0.25	7.44 -0.21 -0.09	6.18 -0.18 -0.04	10.38 -0.31 -0.06	13.31 -0.39 0.00	5.06 -0.16 0.00	14.18 -0.39 0.00	13.17 -0.38 0.00	14.07 -0.38 0.00	13.03 -0.36 0.00	14.46 -0.38 0.00	16.73 -0.50 0.00	16.81 -0.57 0.00	17.04 -0.73 3.52	-452.84 -0.78 473.91	24.50 -0.82 0.00	125.22 -4.21 0.00	31.04 -1.06 0.00	20.09 -0.69 0.00	14.79 -0.51 0.00	20.34 -0.70 0.00	19.69 -0.57 0.00
SITHE_IND_GS3 24171	3.72 -0.10 -0.15	5.47 -0.14 -0.34	3.68 -0.10 -0.25	7.44 -0.21 -0.09	6.18 -0.18 -0.04	10.38 -0.31 -0.06	13.31 -0.39 0.00	5.06 -0.16 0.00	14.18 -0.39 0.00	13.17 -0.38 0.00	14.07 -0.38 0.00	13.03 -0.36 0.00	14.46 -0.38 0.00	16.73 -0.50 0.00	16.81 -0.57 0.00	17.04 -0.73 3.52	-452.84 -0.78 473.91	24.50 -0.82 0.00	125.22 -4.21 0.00	31.04 -1.06 0.00	20.09 -0.69 0.00	14.79 -0.51 0.00	20.34 -0.70 0.00	19.69 -0.57 0.00
SITHE_IND_GS4 24172	3.72 -0.10 -0.15	5.47 -0.14 -0.34	3.68 -0.10 -0.25	7.44 -0.21 -0.09	6.18 -0.18 -0.04	10.38 -0.31 -0.06	13.31 -0.39 0.00	5.06 -0.16 0.00	14.18 -0.39 0.00	13.17 -0.38 0.00	14.07 -0.38 0.00	13.03 -0.36 0.00	14.46 -0.38 0.00	16.73 -0.50 0.00	16.81 -0.57 0.00	17.04 -0.73 3.52	-452.84 -0.78 473.91	24.50 -0.82 0.00	125.22 -4.21 0.00	31.04 -1.06 0.00	20.09 -0.69 0.00	14.79 -0.51 0.00	20.34 -0.70 0.00	19.69 -0.57 0.00
SITHE____BATAVIA 24024	3.87 -0.14 -0.33	5.04 -0.18 0.06	3.92 -0.15 -0.55	5.13 -0.27 2.17	4.53 -0.22 1.56	9.77 -0.47 0.38	13.25 -0.45 0.00	1.95 -0.24 3.03	12.46 -0.32 1.79	13.26 -0.29 0.00	14.34 -0.12 0.00	13.25 -0.14 0.00	14.78 -0.07 0.00	16.90 -0.32 0.00	16.59 -0.77 0.02	16.25 -1.06 3.97	53.39 -1.24 -32.76	20.16 -0.94 4.22	125.63 -3.80 0.00	30.95 -1.28 -0.12	20.20 -0.86 -0.29	14.92 -0.59 -0.22	20.52 -0.51 0.00	19.96 -0.31 0.00
SITHE____INDEPEND 23800	3.72 -0.10 -0.15	5.47 -0.14 -0.34	3.68 -0.10 -0.25	7.44 -0.21 -0.09	6.18 -0.18 -0.04	10.38 -0.31 -0.06	13.31 -0.39 0.00	5.05 -0.16 0.00	14.18 -0.40 0.00	13.17 -0.38 0.00	14.07 -0.38 0.00	13.03 -0.36 0.00	14.47 -0.38 0.00	16.73 -0.50 0.00	16.81 -0.57 0.00	17.04 -0.73 3.52	-452.84 -0.79 473.91	24.50 -0.83 0.00	125.22 -4.20 0.00	31.04 -1.06 0.00	20.09 -0.69 0.00	14.79 -0.51 0.00	20.34 -0.70 0.00	19.69 -0.57 0.00
SITHE____MASSENA 23902	3.66 -0.02 0.00	5.25 -0.03 0.00	3.52 -0.01 0.00	8.43 -0.01 -0.87	6.47 0.00 -0.16	10.64 0.01 0.00	13.79 0.09 0.00	5.22 0.01 0.00	14.59 0.01 0.00	13.58 0.02 0.00	14.50 0.06 0.00	13.45 0.07 0.00	14.89 0.04 0.00	17.25 0.03 0.00	17.38 0.00 0.00	21.26 -0.02 0.00	21.88 0.02 0.00	25.24 -0.08 0.00	129.53 0.10 0.00	32.11 0.02 0.00	20.78 0.00 0.00	15.29 0.00 0.00	21.10 0.07 0.00	20.42 0.15 0.00
SITHE____OGDNSBRG 24021	3.68 0.01 0.00	5.28 0.01 0.00	3.54 0.01 0.00	10.11 0.04 -2.50	6.81 0.04 -0.46	10.72 0.10 0.00	13.97 0.28 0.00	5.34 0.13 0.00	14.92 0.34 0.00	13.89 0.34 0.00	14.85 0.40 0.00	13.77 0.38 0.00	15.22 0.37 0.00	17.57 0.34 0.00	17.73 0.35 0.00	21.66 0.38 0.00	22.30 0.44 0.00	25.74 0.41 0.00	132.50 3.08 0.00	32.79 0.69 0.00	21.09 0.32 0.00	15.49 0.19 0.00	21.35 0.32 0.00	20.64 0.37 0.00
SITHE____STERLING 23777	3.86 0.03 -0.15	5.67 0.06 -0.33	3.81 0.04 -0.24	7.74 0.08 -0.09	6.42 0.07 -0.04	10.83 0.15 -0.06	13.91 0.22 0.00	5.30 0.09 0.00	14.84 0.26 0.00	13.78 0.23 0.00	14.71 0.26 0.00	13.64 0.25 0.00	15.13 0.28 0.00	17.51 0.28 0.00	17.67 0.30 0.00	21.89 0.41 -0.20	49.31 0.45 -27.00	25.95 0.62 0.00	132.98 3.56 0.00	32.96 0.86 0.00	21.28 0.50 0.00	15.62 0.32 0.00	21.43 0.40 0.00	20.63 0.36 0.00
SLEIGHT__34_KV_TB1 80719	3.96 0.00 -0.29	5.94 0.02 -0.64	4.00 0.00 -0.47	7.73 0.00 -0.17	6.41 0.02 -0.08	10.77 0.03 -0.11	13.82 0.12 0.00	5.24 0.03 0.00	14.77 0.19 0.00	13.71 0.16 0.00	14.68 0.23 0.00	13.58 0.19 0.00	15.11 0.26 0.00	17.41 0.19 0.00	17.48 0.11 0.00	21.81 0.04 -0.49	87.76 -0.05 -65.95	25.63 0.26 -0.05	131.13 1.71 0.00	32.53 0.33 -0.11	21.20 0.10 -0.32	15.63 0.07 -0.26	21.08 0.05 0.00	20.36 0.10 0.00
SOUTH CAIRO____GT 23612	7.55 0.17 -3.71	12.11 0.25 -6.59	8.51 0.16 -4.82	9.63 0.35 -1.71	7.42 0.30 -0.80	12.27 0.49 -1.15	14.31 0.62 0.00	17.28 0.29 -11.78	15.34 0.76 0.00	14.07 0.52 0.00	14.89 0.45 0.00	13.73 0.34 0.00	14.99 0.14 0.00	17.75 0.52 0.00	18.01 0.63 0.00	22.25 0.94 -0.03	23.07 1.21 0.00	28.71 1.54 -1.85	137.70 8.27 0.00	38.21 2.07 -4.04	34.36 1.30 -12.28	26.29 0.87 -10.12	22.02 0.99 0.00	20.99 0.72 0.00
SOUTH HAMPTN____IC 23720	9.04 0.39 -4.97	11.21 0.49 -5.44	7.84 0.33 -3.98	9.71 0.73 -1.41	7.56 0.58 -0.66	12.58 1.01 -0.95	14.83 1.13 0.00	45.04 0.51 -39.32	15.73 1.15 0.00	14.62 1.07 0.00	15.50 1.05 0.00	14.40 1.01 0.00	15.98 1.14 0.00	18.47 1.24 0.00	18.78 1.40 0.00	23.15 1.85 -0.02	24.05 2.19 0.00	29.52 2.65 -1.54	142.35 12.92 0.00	38.57 3.10 -3.37	33.20 2.17 -10.26	25.46 1.72 -8.45	23.31 2.28 0.00	21.98 1.71 0.00

SOUTHDOWN_115KV_TB1 355954	4.03 -0.07 -0.43	5.23 -0.05 -0.01	4.13 -0.09 -0.70	4.91 -0.14 2.51	4.39 -0.10 1.82	9.86 -0.33 0.43	13.40 -0.30 0.00	1.43 -0.24 3.54	12.36 -0.10 2.12	13.59 0.04 0.00	14.71 0.26 0.00	13.59 0.20 0.00	15.19 0.35 0.00	17.38 0.15 0.00	17.17 -0.18 0.02	16.31 -0.32 4.66	57.66 -0.51 -36.31	20.28 -0.13 4.91	128.49 -0.94 0.00	31.80 -0.45 -0.15	20.74 -0.41 -0.37	15.27 -0.32 -0.29	20.89 -0.15 0.00	20.35 0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	9.09 0.44 -4.97	11.28 0.56 -5.44	7.89 0.38 -3.98	9.81 0.83 -1.41	7.65 0.67 -0.66	12.73 1.16 -0.95	15.03 1.34 0.00	45.12 0.59 -39.32	15.96 1.39 0.00	14.83 1.28 0.00	15.81 1.36 0.00	14.64 1.26 0.00	16.20 1.36 0.00	18.72 1.50 0.00	19.04 1.67 0.00	23.47 2.17 -0.02	24.40 2.54 0.00	29.95 3.09 -1.54	144.81 15.38 0.00	39.16 3.68 -3.37	33.55 2.52 -10.26	25.70 1.96 -8.45	23.61 2.58 0.00	22.24 1.98 0.00
SOUTHOLD___IC 23719	9.09 0.44 -4.97	11.28 0.56 -5.44	7.89 0.38 -3.98	9.81 0.83 -1.41	7.65 0.67 -0.66	12.73 1.16 -0.95	15.03 1.34 0.00	45.12 0.59 -39.32	15.96 1.39 0.00	14.83 1.28 0.00	15.71 1.27 0.00	14.59 1.21 0.00	16.20 1.36 0.00	18.72 1.50 0.00	19.04 1.66 0.00	23.47 2.16 -0.02	24.40 2.54 0.00	29.95 3.09 -1.54	144.75 15.33 0.00	39.15 3.68 -3.37	33.55 2.52 -10.26	25.70 1.96 -8.45	23.61 2.58 0.00	22.25 1.98 0.00
SPIERFLS_115KV_TB 1 80737	8.00 0.18 -4.15	12.71 0.25 -7.19	8.95 0.16 -5.25	9.78 0.35 -1.87	7.50 0.32 -0.88	12.45 0.57 -1.26	14.40 0.71 0.00	19.69 0.32 -14.16	15.44 0.87 0.00	14.30 0.75 0.00	15.11 0.67 0.00	14.00 0.61 0.00	15.54 0.69 0.00	18.09 0.87 0.00	18.30 0.92 0.00	22.80 1.49 -0.03	23.29 1.43 0.00	28.99 1.66 -2.01	138.41 8.99 0.00	38.82 2.32 -4.40	35.61 1.46 -13.38	27.28 0.96 -11.02	22.05 1.02 0.00	21.01 0.75 0.00
ST LAWRENCE____ 23600	3.63 -0.05 0.00	5.20 -0.07 0.00	3.49 -0.04 0.00	7.49 -0.08 0.00	6.25 -0.06 0.00	10.53 -0.09 0.00	13.64 -0.06 0.00	5.17 -0.05 0.00	14.44 -0.14 0.00	13.43 -0.12 0.00	14.35 -0.10 0.00	13.31 -0.08 0.00	14.72 -0.13 0.00	17.06 -0.16 0.00	17.20 -0.17 0.00	21.04 -0.24 0.00	21.65 -0.21 0.00	24.96 -0.36 0.00	128.01 -1.41 0.00	31.75 -0.35 0.00	20.55 -0.22 0.00	15.13 -0.17 0.00	20.87 -0.16 0.00	20.20 -0.06 0.00
STATE_CA_115KV_115_LB 55624	7.87 0.09 -4.11	12.45 0.13 -7.05	8.77 0.08 -5.16	9.57 0.18 -1.83	7.33 0.15 -0.86	12.09 0.23 -1.23	13.92 0.22 0.00	20.05 0.13 -14.70	14.87 0.30 0.00	13.78 0.22 0.00	14.59 0.14 0.00	13.53 0.14 0.00	15.00 0.15 0.00	17.48 0.26 0.00	17.72 0.34 0.00	21.83 0.52 -0.03	22.42 0.56 0.00	28.00 0.70 -1.97	132.87 3.45 0.00	37.28 0.87 -4.31	34.45 0.56 -13.11	26.47 0.38 -10.80	21.40 0.37 0.00	20.41 0.15 0.00
STATE_ST_34_KV_LOAD 55959	3.99 0.01 -0.31	6.17 0.04 -0.86	4.04 0.01 -0.50	8.25 0.00 -0.69	6.78 0.03 -0.44	10.91 0.05 -0.23	13.80 0.10 0.00	5.87 0.01 -0.65	15.07 0.12 -0.38	13.60 0.05 0.00	14.55 0.10 0.00	13.44 0.06 0.00	14.97 0.12 0.00	17.30 0.07 0.00	17.38 0.00 0.00	22.91 -0.04 -1.66	104.22 -0.17 -82.53	26.54 0.09 -1.13	130.23 0.81 0.00	32.35 0.13 -0.11	21.17 0.02 -0.37	15.63 0.03 -0.31	20.97 -0.06 0.00	20.26 -0.01 0.00
STATION 5_MISC_HYD 23604	3.85 -0.11 -0.28	5.75 -0.16 -0.63	3.87 -0.13 -0.46	7.49 -0.24 -0.16	6.19 -0.20 -0.08	10.36 -0.38 -0.11	13.30 -0.39 0.00	5.00 -0.21 0.00	14.25 -0.33 0.00	13.27 -0.28 0.00	14.26 -0.19 0.00	13.22 -0.17 0.00	14.72 -0.12 0.00	16.88 -0.35 0.00	16.83 -0.55 0.00	20.79 -0.75 -0.26	55.84 -0.88 -34.86	24.64 -0.73 -0.05	126.24 -3.18 0.00	31.20 -1.00 -0.10	20.41 -0.67 -0.31	15.06 -0.49 -0.25	20.50 -0.53 0.00	19.88 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	3.89 -0.07 -0.29	5.83 -0.09 -0.64	3.92 -0.08 -0.47	7.59 -0.15 -0.17	6.27 -0.12 -0.08	10.52 -0.22 -0.11	13.51 -0.19 0.00	5.10 -0.11 0.00	14.45 -0.12 0.00	13.44 -0.11 0.00	14.42 -0.03 0.00	13.35 -0.04 0.00	14.85 0.00 0.00	17.06 -0.17 0.00	17.06 -0.32 0.00	21.19 -0.44 -0.35	68.12 -0.54 -46.80	25.05 -0.32 -0.05	128.11 -1.31 0.00	31.74 -0.47 -0.10	20.76 -0.33 -0.31	15.29 -0.26 -0.26	20.74 -0.29 0.00	20.07 -0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	3.83 -0.13 -0.28	5.72 -0.18 -0.63	3.85 -0.14 -0.46	7.45 -0.28 -0.16	6.16 -0.23 -0.08	10.32 -0.41 -0.11	13.25 -0.44 0.00	4.99 -0.22 0.00	14.20 -0.38 0.00	13.22 -0.33 0.00	14.20 -0.25 0.00	13.16 -0.23 0.00	14.66 -0.19 0.00	16.81 -0.41 0.00	16.77 -0.60 0.00	20.72 -0.83 -0.26	56.07 -0.95 -35.16	24.56 -0.81 -0.05	125.78 -3.64 0.00	31.11 -1.09 -0.10	20.35 -0.73 -0.31	15.01 -0.54 -0.25	20.42 -0.61 0.00	19.80 -0.47 0.00
STA_56___34_KV_BUS2 355983	3.83 -0.13 -0.28	5.72 -0.18 -0.63	3.85 -0.14 -0.46	7.45 -0.28 -0.16	6.16 -0.23 -0.08	10.32 -0.41 -0.11	13.25 -0.44 0.00	4.99 -0.22 0.00	14.20 -0.38 0.00	13.22 -0.33 0.00	14.20 -0.25 0.00	13.16 -0.23 0.00	14.66 -0.19 0.00	16.81 -0.41 0.00	16.77 -0.60 0.00	20.72 -0.83 -0.26	56.07 -0.95 -35.16	24.56 -0.81 -0.05	125.78 -3.64 0.00	31.11 -1.09 -0.10	20.35 -0.73 -0.31	15.01 -0.54 -0.25	20.42 -0.61 0.00	19.80 -0.47 0.00
STA_67___115KV_BK2 355882	3.84 -0.12 -0.28	5.74 -0.17 -0.63	3.86 -0.13 -0.46	7.48 -0.26 -0.16	6.18 -0.21 -0.08	10.34 -0.39 -0.11	13.28 -0.42 0.00	4.99 -0.22 0.00	14.22 -0.36 0.00	13.24 -0.31 0.00	14.23 -0.22 0.00	13.19 -0.20 0.00	14.69 -0.16 0.00	16.84 -0.38 0.00	16.79 -0.58 0.00	20.73 -0.82 -0.26	55.66 -0.95 -34.75	24.57 -0.80 -0.05	125.89 -3.53 0.00	31.13 -1.07 -0.10	20.37 -0.72 -0.31	15.03 -0.52 -0.25	20.47 -0.56 0.00	19.86 -0.41 0.00
STA_7___115KV_9TRANS 80674	3.86 -0.10 -0.28	5.77 -0.14 -0.63	3.88 -0.11 -0.46	7.51 -0.22 -0.16	6.21 -0.18 -0.08	10.39 -0.34 -0.11	13.35 -0.35 0.00	5.02 -0.19 0.00	14.30 -0.27 0.00	13.32 -0.23 0.00	14.32 -0.13 0.00	13.27 -0.12 0.00	14.78 -0.06 0.00	16.94 -0.28 0.00	16.89 -0.48 0.00	20.85 -0.69 -0.26	55.91 -0.82 -34.86	24.74 -0.63 -0.05	126.79 -2.64 0.00	31.35 -0.84 -0.10	20.51 -0.58 -0.31	15.13 -0.43 -0.25	20.59 -0.44 0.00	19.97 -0.30 0.00
STA_82___115KV_TB1 80780	3.84 -0.12 -0.28	5.75 -0.16 -0.64	3.87 -0.13 -0.47	7.48 -0.26 -0.17	6.18 -0.21 -0.08	10.34 -0.39 -0.11	13.28 -0.42 0.00	4.99 -0.22 0.00	14.22 -0.35 0.00	13.25 -0.30 0.00	14.24 -0.20 0.00	13.19 -0.19 0.00	14.70 -0.15 0.00	16.85 -0.38 0.00	16.79 -0.58 0.00	20.74 -0.81 -0.26	56.31 -0.94 -35.39	24.58 -0.79 -0.05	125.98 -3.44 0.00	31.14 -1.06 -0.10	20.38 -0.71 -0.31	15.04 -0.52 -0.26	20.47 -0.55 0.00	19.86 -0.40 0.00
STEEL___WIND 323596	3.86 -0.21 -0.40	4.34 -0.25 0.68	3.97 -0.21 -0.65	2.81 -0.39 4.37	2.88 -0.33 3.11	9.11 -0.68 0.84	12.94 -0.75 0.00	-1.10 -0.42 5.89	10.45 -0.64 3.49	13.03 -0.53 0.00	14.11 -0.33 0.00	13.06 -0.32 0.00	14.60 -0.25 0.00	16.60 -0.62 0.00	16.30 -1.03 0.04	11.87 -1.36 8.06	48.05 -1.65 -27.84	15.51 -1.46 8.35	122.57 -6.86 -0.01	30.18 -2.06 -0.15	19.68 -1.38 -0.28	14.57 -0.93 -0.20	20.14 -0.90 0.00	19.65 -0.61 0.00

STEPHTWN_115KV_BK_2 55603	7.88 0.11 -4.09	12.42 0.15 -6.99	8.74 0.09 -5.11	9.59 0.21 -1.81	7.36 0.19 -0.85	12.14 0.29 -1.22	14.01 0.32 0.00	20.20 0.20 -14.79	14.94 0.36 0.00	13.88 0.33 0.00	14.71 0.26 0.00	13.62 0.23 0.00	15.08 0.23 0.00	17.59 0.37 0.00	17.83 0.46 0.00	21.98 0.67 -0.03	22.60 0.74 0.00	28.21 0.93 -1.96	134.07 4.65 0.00	37.46 1.09 -4.28	34.50 0.72 -13.00	26.50 0.49 -10.71	21.54 0.51 0.00	20.53 0.27 0.00
STEBEN_REC_LFGE 323667	4.04 -0.15 -0.52	9.12 -0.13 -3.98	4.22 -0.16 -0.85	15.86 -0.24 -8.54	12.03 -0.19 -5.90	12.09 -0.53 -2.00	13.03 -0.67 0.00	15.40 -0.37 -10.55	20.25 -0.60 -6.27	12.85 -0.70 0.00	13.85 -0.59 0.00	12.77 -0.61 0.00	14.27 -0.58 0.00	16.30 -0.93 0.00	16.33 -1.12 -0.07	36.01 -1.21 -15.93	114.52 -1.25 -93.90	40.12 -0.85 -15.64	126.33 -3.10 0.00	31.25 -1.04 -0.19	20.93 -0.72 -0.87	15.50 -0.56 -0.76	20.51 -0.52 0.00	20.07 -0.20 0.00
STONY__BROOK 24151	8.98 0.34 -4.97	11.13 0.42 -5.44	7.79 0.29 -3.98	9.61 0.63 -1.41	7.47 0.49 -0.66	12.43 0.85 -0.95	14.62 0.92 0.00	44.96 0.43 -39.32	15.51 0.94 0.00	14.42 0.88 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.79 0.94 0.00	18.27 1.05 0.00	18.58 1.20 0.00	22.90 1.59 -0.02	23.74 1.88 0.00	29.07 2.20 -1.54	139.86 10.44 0.00	38.15 2.68 -3.37	32.97 1.94 -10.26	25.33 1.59 -8.45	23.14 2.11 0.00	21.82 1.55 0.00
STURGEON_POOL_HYD 23609	6.79 0.22 -2.89	11.26 0.29 -5.69	7.89 0.20 -4.16	9.47 0.42 -1.48	7.35 0.35 -0.69	12.19 0.57 -0.99	14.39 0.69 0.00	10.96 0.31 -5.44	15.38 0.80 0.00	14.33 0.78 0.00	15.21 0.77 0.00	14.07 0.69 0.00	15.61 0.77 0.00	18.22 0.99 0.00	18.45 1.07 0.00	22.62 1.31 -0.02	23.16 1.30 0.00	28.52 1.59 -1.61	136.88 7.45 0.00	37.58 1.96 -3.52	32.78 1.30 -10.70	25.08 0.96 -8.82	22.22 1.19 0.00	21.15 0.89 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	3.19 0.21 0.69	10.20 0.27 -4.66	7.12 0.19 -3.40	9.18 0.40 -1.21	7.21 0.33 -0.57	12.00 0.56 -0.81	14.36 0.66 0.00	-37.34 0.30 42.85	15.31 0.74 0.00	14.25 0.70 0.00	15.12 0.68 0.00	14.00 0.62 0.00	15.56 0.71 0.00	18.16 0.93 0.00	18.38 1.01 0.00	22.55 1.25 -0.02	23.14 1.28 0.00	28.19 1.54 -1.34	136.55 7.13 0.00	36.87 1.86 -2.92	30.88 1.23 -8.88	23.52 0.90 -7.31	22.16 1.13 0.00	21.12 0.86 0.00
SWANROAD_115KV_TB1 355699	3.73 -0.31 -0.37	4.46 -0.40 0.41	3.81 -0.32 -0.60	3.58 -0.59 3.41	3.39 -0.49 2.43	8.97 -1.02 0.64	12.53 -1.17 0.00	0.08 -0.49 4.64	10.76 -1.07 2.75	12.56 -1.00 0.00	13.64 -0.81 0.00	12.64 -0.75 0.00	14.13 -0.72 0.00	16.01 -1.22 0.00	15.65 -1.70 0.03	12.75 -2.27 6.27	47.53 -2.62 -28.29	16.25 -2.54 6.54	117.34 -12.09 0.00	28.86 -3.38 -0.13	18.86 -2.20 -0.28	13.99 -1.51 -0.21	19.45 -1.58 0.00	19.04 -1.23 0.00
SYNERGY__BIOGAS 323694	3.87 -0.14 -0.33	5.04 -0.18 0.06	3.92 -0.15 -0.55	5.13 -0.27 2.17	4.53 -0.22 1.56	9.77 -0.47 0.38	13.25 -0.45 0.00	1.95 -0.24 3.03	12.46 -0.32 1.79	13.26 -0.29 0.00	14.34 -0.12 0.00	13.25 -0.14 0.00	14.78 -0.07 0.00	16.90 -0.32 0.00	16.59 -0.77 0.02	16.25 -1.06 3.97	53.39 -1.24 -32.76	20.16 -0.94 4.22	125.63 -3.80 0.00	30.95 -1.28 -0.12	20.20 -0.86 -0.29	14.92 -0.59 -0.22	20.52 -0.51 0.00	19.96 -0.31 0.00
SYRACUSE__ENERGY_ST1 323597	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.10 -0.18 -69.42	25.33 -0.03 -0.04	129.37 -0.06 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.23 -0.04 0.00
SYRACUSE__ENERGY_ST2 323598	3.91 -0.01 -0.24	5.81 -0.01 -0.54	3.91 -0.02 -0.40	7.68 -0.03 -0.14	6.36 -0.02 -0.07	10.68 -0.04 -0.09	13.67 -0.03 0.00	5.20 -0.01 0.00	14.58 0.00 0.00	13.53 -0.02 0.00	14.46 0.01 0.00	13.39 0.00 0.00	14.88 0.03 0.00	17.21 -0.02 0.00	17.30 -0.08 0.00	21.69 -0.11 -0.52	91.10 -0.18 -69.42	25.33 -0.03 -0.04	129.37 -0.06 0.00	32.15 -0.03 -0.09	20.99 -0.05 -0.27	15.45 -0.06 -0.22	20.93 -0.10 0.00	20.23 -0.04 0.00
SYRACUSE__POWER 24017	3.91 -0.02 -0.26	5.82 -0.03 -0.57	3.92 -0.03 -0.42	7.67 -0.05 -0.15	6.35 -0.04 -0.07	10.65 -0.08 -0.10	13.62 -0.08 0.00	5.18 -0.03 0.00	14.54 -0.04 0.00	13.48 -0.07 0.00	14.41 -0.04 0.00	13.34 -0.04 0.00	14.83 -0.02 0.00	17.14 -0.09 0.00	17.24 -0.13 0.00	21.54 -0.18 -0.43	79.82 -0.24 -58.20	25.24 -0.12 -0.04	128.83 -0.59 0.00	32.02 -0.16 -0.09	20.92 -0.13 -0.28	15.41 -0.12 -0.23	20.86 -0.17 0.00	20.16 -0.10 0.00
TALLMAN_138KV_BK151 55660	2.83 0.23 1.08	10.49 0.30 -4.91	7.33 0.21 -3.59	9.29 0.45 -1.28	7.28 0.36 -0.60	12.10 0.62 -0.86	14.43 0.73 0.00	-45.07 0.33 50.61	15.39 0.81 0.00	14.32 0.77 0.00	15.18 0.74 0.00	14.07 0.69 0.00	15.64 0.79 0.00	18.26 1.04 0.00	18.47 1.09 0.00	22.66 1.36 -0.02	23.25 1.38 0.00	28.38 1.65 -1.40	137.01 7.59 0.00	37.16 1.99 -3.07	31.41 1.31 -9.32	23.96 0.98 -7.68	22.25 1.22 0.00	21.19 0.92 0.00
TEALLAVE_115KV_TB7 355573	3.85 -0.04 -0.21	5.71 -0.05 -0.48	3.84 -0.04 -0.35	7.61 -0.09 -0.13	6.30 -0.07 -0.06	10.58 -0.13 -0.08	13.55 -0.15 0.00	5.15 -0.06 0.00	14.46 -0.12 0.00	13.42 -0.13 0.00	14.34 -0.10 0.00	13.28 -0.10 0.00	14.76 -0.09 0.00	17.05 -0.17 0.00	17.16 -0.21 0.00	21.37 -0.28 -0.36	70.48 -0.35 -48.97	25.09 -0.27 -0.04	128.16 -1.27 0.00	31.84 -0.34 -0.08	20.76 -0.24 -0.23	15.29 -0.20 -0.19	20.76 -0.27 0.00	20.07 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	3.80 -0.22 -0.35	4.76 -0.28 0.23	3.87 -0.23 -0.57	4.40 -0.42 2.75	3.99 -0.35 1.97	9.39 -0.73 0.51	12.91 -0.79 0.00	1.06 -0.37 3.78	11.66 -0.68 2.24	12.95 -0.61 0.00	14.03 -0.42 0.00	12.98 -0.41 0.00	14.49 -0.35 0.00	16.54 -0.69 0.00	16.17 -1.19 0.03	14.61 -1.63 5.05	52.18 -1.91 -32.23	18.33 -1.68 5.30	121.64 -7.79 -0.01	29.96 -2.27 -0.13	19.56 -1.50 -0.28	14.48 -1.03 -0.21	20.01 -1.02 0.00	19.54 -0.72 0.00
TEMPLE__115KV_TB 2 55572	3.86 -0.04 -0.22	5.71 -0.05 -0.49	3.84 -0.04 -0.36	7.61 -0.08 -0.13	6.30 -0.07 -0.06	10.58 -0.13 -0.09	13.55 -0.15 0.00	5.15 -0.06 0.00	14.46 -0.11 0.00	13.42 -0.13 0.00	14.34 -0.10 0.00	13.28 -0.10 0.00	14.76 -0.09 0.00	17.06 -0.17 0.00	17.17 -0.21 0.00	21.37 -0.28 -0.37	71.41 -0.34 -49.89	25.09 -0.26 -0.04	128.16 -1.27 0.00	31.84 -0.34 -0.08	20.77 -0.24 -0.24	15.29 -0.20 -0.19	20.76 -0.27 0.00	20.07 -0.19 0.00
TIANA__69_KV_BK 1 55817	9.03 0.38 -4.97	11.19 0.47 -5.44	7.83 0.32 -3.98	9.69 0.71 -1.41	7.54 0.56 -0.66	12.54 0.96 -0.95	14.77 1.08 0.00	45.02 0.49 -39.32	15.66 1.09 0.00	14.56 1.01 0.00	15.52 1.07 0.00	14.39 1.00 0.00	15.92 1.07 0.00	18.39 1.17 0.00	18.70 1.33 0.00	23.07 1.76 -0.02	23.97 2.11 0.00	29.41 2.54 -1.54	141.80 12.38 0.00	38.44 2.97 -3.37	33.13 2.10 -10.26	25.41 1.67 -8.45	23.25 2.22 0.00	21.91 1.65 0.00

TILDEN___115KV_TB1 80814	3.91 -0.02 -0.26	5.82 -0.03 -0.57	3.92 -0.03 -0.42	7.67 -0.05 -0.15	6.35 -0.04 -0.07	10.65 -0.08 -0.10	13.62 -0.08 0.00	5.18 -0.03 0.00	14.54 -0.04 0.00	13.48 -0.07 0.00	14.41 -0.04 0.00	13.34 -0.04 0.00	14.83 -0.02 0.00	17.14 -0.09 0.00	17.24 -0.13 0.00	21.54 -0.18 -0.43	79.82 -0.24 -58.20	25.24 -0.12 -0.04	128.83 -0.59 0.00	32.02 -0.16 -0.09	20.92 -0.13 -0.28	15.41 -0.12 -0.23	20.86 -0.17 0.00	20.16 -0.10 0.00
TRIGEN___CC 323695	8.92 0.28 -4.97	11.07 0.35 -5.44	7.75 0.24 -3.98	9.51 0.53 -1.41	7.40 0.42 -0.66	12.30 0.72 -0.95	14.50 0.80 0.00	44.91 0.38 -39.32	15.43 0.85 0.00	14.36 0.81 0.00	15.34 0.90 0.00	14.19 0.80 0.00	15.66 0.82 0.00	18.26 1.03 0.00	18.54 1.17 0.00	22.77 1.47 -0.02	23.48 1.62 0.00	28.74 1.88 -1.54	137.85 8.43 0.00	37.64 2.17 -3.37	32.56 1.53 -10.26	24.97 1.19 -8.49	22.57 1.53 -0.01	21.35 1.08 0.00
TRINITY__115KV__4 BK 55933	7.85 0.07 -4.10	12.39 0.11 -7.01	8.72 0.07 -5.12	9.54 0.15 -1.82	7.30 0.13 -0.85	12.04 0.19 -1.23	13.86 0.17 0.00	20.14 0.11 -14.81	14.82 0.24 0.00	13.73 0.17 0.00	14.55 0.10 0.00	13.48 0.09 0.00	14.93 0.08 0.00	17.40 0.18 0.00	17.64 0.27 0.00	21.73 0.41 -0.03	22.32 0.46 0.00	27.86 0.58 -1.96	132.25 2.83 0.00	37.10 0.72 -4.29	34.28 0.47 -13.03	26.35 0.32 -10.73	21.32 0.29 0.00	20.34 0.07 0.00
UNION___PROCESSING_DRP 323587	3.84 -0.12 -0.29	5.75 -0.16 -0.64	3.87 -0.13 -0.47	7.48 -0.26 -0.17	6.18 -0.21 -0.08	10.35 -0.39 -0.11	13.28 -0.41 0.00	5.00 -0.21 0.00	14.23 -0.35 0.00	13.25 -0.30 0.00	14.24 -0.20 0.00	13.20 -0.19 0.00	14.70 -0.15 0.00	16.85 -0.37 0.00	16.80 -0.58 0.00	20.75 -0.80 -0.27	56.54 -0.94 -35.62	24.59 -0.78 -0.05	126.01 -3.41 0.00	31.16 -1.04 -0.10	20.38 -0.71 -0.31	15.04 -0.51 -0.26	20.48 -0.55 0.00	19.87 -0.40 0.00
UPPER HUDSON___HYD 24058	8.00 0.18 -4.15	12.71 0.25 -7.19	8.95 0.16 -5.25	9.78 0.35 -1.87	7.50 0.32 -0.88	12.45 0.57 -1.26	14.40 0.71 0.00	19.69 0.32 -14.16	15.44 0.87 0.00	14.30 0.75 0.00	15.12 0.67 0.00	14.00 0.61 0.00	15.54 0.69 0.00	18.09 0.87 0.00	18.30 0.92 0.00	22.80 1.49 0.00	23.29 1.43 0.00	28.99 1.66 -2.01	138.41 8.98 0.00	38.82 2.32 -4.40	35.61 1.46 -13.38	27.28 0.96 -11.02	22.06 1.02 0.00	21.02 0.75 0.00
UPPER RAQUET___HYD 24056	3.62 -0.05 0.00	5.20 -0.07 0.00	3.48 -0.05 0.00	11.02 -0.08 -3.54	6.90 -0.06 -0.65	10.54 -0.09 0.00	13.73 0.03 0.00	5.18 -0.03 0.00	14.43 -0.14 0.00	13.50 -0.05 0.00	14.42 -0.03 0.00	13.36 -0.03 0.00	14.82 -0.03 0.00	17.14 -0.09 0.00	17.20 -0.18 0.00	21.08 -0.20 0.00	21.75 -0.11 0.00	25.17 -0.16 0.00	129.54 0.12 0.00	32.15 0.05 0.00	20.81 0.03 0.00	15.28 -0.02 0.00	21.06 0.03 0.00	20.38 0.12 0.00
VALLEY44_115KV_TB2 355964	4.04 -0.07 -0.44	5.42 -0.05 -0.19	4.16 -0.09 -0.71	5.43 -0.09 2.04	4.75 -0.08 1.49	10.06 -0.23 0.33	13.42 -0.28 0.00	2.03 -0.24 2.94	12.69 -0.12 1.77	13.55 0.00 0.00	14.66 0.22 0.00	13.55 0.17 0.00	15.11 0.26 0.00	17.30 0.08 0.00	17.11 -0.24 0.02	17.08 -0.42 3.79	60.48 -0.76 -39.38	20.78 -0.50 4.04	127.20 -2.23 0.00	31.41 -0.85 -0.16	20.63 -0.55 -0.40	15.25 -0.36 -0.31	20.85 -0.18 0.00	20.27 0.01 0.00
VALLEY___115KV_TB 1-4 80826	3.68 0.00 0.00	5.30 0.03 0.00	3.54 0.01 0.00	7.62 0.05 0.00	6.37 0.05 0.00	10.71 0.09 0.00	13.78 0.08 0.00	5.22 0.00 0.00	14.69 0.12 0.00	13.62 0.07 0.00	14.49 0.04 0.00	13.41 0.03 0.00	14.83 -0.01 0.00	17.27 0.05 0.00	17.60 0.22 0.00	21.70 0.41 0.00	22.41 0.55 0.00	26.03 0.71 0.00	133.11 3.68 0.00	32.97 0.87 0.00	21.32 0.54 0.00	15.66 0.37 0.00	21.35 0.32 0.00	20.40 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	4.77 0.14 -0.95	8.06 0.21 -2.58	5.55 0.13 -1.89	8.53 0.29 -0.67	6.87 0.24 -0.31	11.42 0.34 -0.45	14.20 0.50 0.00	2.35 0.22 3.08	15.19 0.62 0.00	14.18 0.63 0.00	15.07 0.63 0.00	13.94 0.55 0.00	15.45 0.60 0.00	17.99 0.76 0.00	18.17 0.79 0.00	22.46 1.01 -0.17	44.21 1.06 -21.28	27.31 1.29 -0.70	135.64 6.22 0.00	35.19 1.57 -1.52	26.44 1.04 -4.62	19.84 0.73 -3.81	21.93 0.90 0.00	20.96 0.70 0.00
VISCHER___FERRY HYD 24020	7.94 0.12 -4.14	12.53 0.18 -7.08	8.83 0.12 -5.18	9.65 0.25 -1.84	7.39 0.21 -0.87	12.21 0.35 -1.24	14.08 0.38 0.00	20.13 0.20 -14.72	15.05 0.48 0.00	13.93 0.38 0.00	14.75 0.30 0.00	13.67 0.28 0.00	15.17 0.32 0.00	17.67 0.45 0.00	17.90 0.52 0.00	22.09 0.78 -0.03	22.67 0.81 0.00	28.28 0.97 -1.99	134.34 4.92 0.00	37.70 1.25 -4.35	34.81 0.82 -13.21	26.76 0.57 -10.89	21.67 0.64 0.00	20.67 0.40 0.00
V_A_10_SYNC_DSASP 323832	3.77 -0.24 -0.34	4.78 -0.33 0.17	3.84 -0.25 -0.56	4.55 -0.49 2.53	4.09 -0.41 1.81	9.36 -0.80 0.46	12.77 -0.93 0.00	1.25 -0.47 3.49	11.64 -0.87 2.07	12.82 -0.74 0.00	13.87 -0.58 0.00	12.85 -0.54 0.00	14.35 -0.50 0.00	16.34 -0.89 0.00	16.09 -1.26 0.02	14.97 -1.67 4.64	44.02 -1.95 -24.11	18.54 -1.89 4.89	120.26 -9.17 0.00	29.59 -2.63 -0.12	19.35 -1.71 -0.28	14.33 -1.18 -0.21	19.77 -1.26 0.00	19.28 -0.99 0.00
V_CMM_10_SYNC_DSASP 323787	3.63 -0.04 0.00	5.21 -0.06 0.00	3.50 -0.03 0.00	7.52 -0.05 0.00	6.28 -0.04 0.00	10.58 -0.05 0.00	13.70 0.00 0.00	5.19 -0.02 0.00	14.50 -0.08 0.00	13.48 -0.07 0.00	14.42 -0.03 0.00	13.37 -0.02 0.00	14.79 -0.06 0.00	17.14 -0.08 0.00	17.28 -0.10 0.00	21.13 -0.15 0.00	21.75 -0.12 0.00	25.06 -0.26 0.00	128.55 -0.87 0.00	31.89 -0.21 0.00	20.63 -0.14 0.00	15.19 -0.11 0.00	20.96 -0.07 0.00	20.29 0.02 0.00
V_CMP_10_SYNC_DSASP 323788	3.55 -0.12 0.00	5.08 -0.19 0.00	3.41 -0.12 0.00	-14.91 -0.26 22.22	2.11 -0.15 4.05	10.54 -0.08 0.00	13.64 -0.05 0.00	5.13 -0.08 0.00	14.54 -0.04 0.00	13.37 -0.18 0.00	14.30 -0.15 0.00	13.30 -0.08 0.00	14.64 -0.21 0.00	17.09 -0.13 0.00	17.22 -0.16 0.00	21.24 -0.04 0.00	21.91 0.05 0.00	25.39 0.07 0.00	133.13 3.70 0.00	33.27 1.18 0.00	21.40 0.63 0.00	15.63 0.34 0.00	21.30 0.27 0.00	20.53 0.27 0.00
V_E_10_SYNC_DSASP 323830	4.59 0.15 -0.77	7.46 0.24 -1.94	4.93 0.14 -1.26	8.95 0.31 -1.07	7.23 0.27 -0.65	11.58 0.51 -0.44	14.43 0.73 0.00	6.29 0.28 -0.80	15.90 0.85 -0.47	14.19 0.64 0.00	15.18 0.74 0.00	14.02 0.63 0.00	15.65 0.80 0.00	18.20 0.98 0.00	18.36 0.97 -0.01	24.38 1.32 -1.78	82.78 1.41 -59.51	28.93 1.97 -1.64	139.67 10.25 0.00	35.18 2.47 -0.61	24.03 1.37 -1.88	17.64 0.80 -1.55	22.05 1.02 0.00	21.12 0.86 0.00
V_F_30_NSYNC___DSASP 323816	8.00 0.17 -4.15	12.69 0.25 -7.17	8.94 0.16 -5.24	9.77 0.34 -1.86	7.49 0.30 -0.88	12.39 0.51 -1.26	14.32 0.63 0.00	19.73 0.29 -14.23	15.32 0.75 0.00	14.18 0.64 0.00	15.01 0.56 0.00	13.91 0.53 0.00	15.45 0.60 0.00	17.99 0.77 0.00	18.21 0.83 0.00	22.54 1.22 -0.03	23.09 1.23 0.00	28.83 1.50 -2.01	137.13 7.71 0.00	38.43 1.94 -4.39	35.37 1.24 -13.36	27.15 0.84 -11.01	22.01 0.98 0.00	21.00 0.74 0.00

V_F_30_SYNC_DSASP 323786	7.87 0.09 -4.11	12.45 0.13 -7.05	8.76 0.08 -5.15	9.57 0.18 -1.83	7.32 0.15 -0.86	12.09 0.23 -1.23	13.92 0.22 0.00	20.06 0.13 -14.71	14.87 0.30 0.00	13.77 0.22 0.00	14.59 0.14 0.00	13.53 0.14 0.00	14.99 0.14 0.00	17.48 0.26 0.00	17.72 0.34 0.00	21.83 0.52 -0.03	22.42 0.56 0.00	28.00 0.70 -1.97	132.87 3.45 0.00	37.27 0.87 -4.31	34.44 0.56 -13.10	26.47 0.38 -10.80	21.40 0.37 0.00	20.41 0.15 0.00
V_XM_10_SYNC_DSASP 323789	3.55 -0.12 0.00	5.08 -0.19 0.00	3.41 -0.12 0.00	-14.91 -0.26 22.22	2.11 -0.15 4.05	10.54 -0.08 0.00	13.64 -0.05 0.00	5.13 -0.08 0.00	14.54 -0.04 0.00	13.37 -0.18 0.00	14.30 -0.15 0.00	13.30 -0.08 0.00	14.64 -0.21 0.00	17.09 -0.13 0.00	17.22 -0.16 0.00	21.24 -0.04 0.00	21.91 0.05 0.00	25.39 0.07 0.00	133.13 3.70 0.00	33.27 1.18 0.00	21.40 0.63 0.00	15.63 0.34 0.00	21.30 0.27 0.00	20.53 0.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	2.75 0.24 1.17	10.57 0.32 -4.98	7.39 0.22 -3.64	9.33 0.46 -1.29	7.30 0.38 -0.61	12.14 0.65 -0.87	14.47 0.77 0.00	-46.86 -0.34 52.41	15.44 0.86 0.00	14.36 0.81 0.00	15.24 0.79 0.00	14.12 0.73 0.00	15.68 0.83 0.00	18.31 1.09 0.00	18.53 1.16 0.00	22.74 1.43 -0.02	23.33 1.46 0.00	28.48 1.74 -1.42	137.51 8.09 0.00	37.32 2.11 -3.10	31.61 1.39 -9.44	24.11 1.04 -7.78	22.32 1.29 0.00	21.25 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.43 0.45 -0.66	12.34 0.77 -0.95	14.61 0.92 0.00	45.04 0.42 -39.41	15.59 1.01 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.23 0.85 0.00	15.78 0.94 0.00	18.49 1.26 0.00	18.70 1.32 0.00	22.94 1.63 -0.02	23.51 1.65 0.00	28.77 1.91 -1.54	138.21 8.79 0.00	37.80 2.33 -3.37	32.57 1.55 -10.25	24.91 1.17 -8.45	22.53 1.50 0.00	21.38 1.11 0.00
W50THST__13_KV_LOAD 356117	8.96 0.31 -4.98	11.13 0.41 -5.44	7.78 0.28 -3.98	9.57 0.59 -1.41	7.46 0.48 -0.66	12.41 0.83 -0.95	14.71 1.01 0.00	45.08 0.45 -39.41	15.70 1.13 0.00	14.60 1.06 0.00	15.49 1.04 0.00	14.35 0.96 0.00	15.91 1.06 0.00	18.62 1.40 0.00	18.83 1.46 0.00	23.10 1.79 -0.02	23.68 1.82 0.00	28.97 2.11 -1.54	139.14 9.72 0.00	38.01 2.54 -3.37	32.70 1.68 -10.25	25.01 1.27 -8.45	22.66 1.63 0.00	21.50 1.23 0.00
WADING RIVER_IC_1 23522	9.00 0.36 -4.97	11.15 0.44 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.54 0.96 0.00	14.44 0.89 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.96 0.00	18.26 1.03 0.00	18.57 1.19 0.00	22.89 1.59 -0.02	23.77 1.91 0.00	29.17 2.30 -1.54	140.50 11.08 0.00	38.11 2.64 -3.37	32.95 1.92 -10.26	25.30 1.56 -8.45	23.11 2.08 0.00	21.79 1.52 0.00
WADING RIVER_IC_2 23547	9.00 0.36 -4.97	11.15 0.44 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.54 0.96 0.00	14.44 0.89 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.96 0.00	18.26 1.03 0.00	18.57 1.19 0.00	22.89 1.59 -0.02	23.77 1.91 0.00	29.17 2.30 -1.54	140.50 11.08 0.00	38.11 2.64 -3.37	32.95 1.92 -10.26	25.30 1.56 -8.45	23.11 2.08 0.00	21.79 1.52 0.00
WADING RIVER_IC_3 23601	9.00 0.36 -4.97	11.15 0.44 -5.44	7.80 0.29 -3.98	9.63 0.65 -1.41	7.49 0.52 -0.66	12.46 0.89 -0.95	14.66 0.96 0.00	44.98 0.45 -39.32	15.54 0.96 0.00	14.44 0.89 0.00	15.31 0.86 0.00	14.23 0.84 0.00	15.80 0.96 0.00	18.26 1.03 0.00	18.57 1.19 0.00	22.89 1.59 -0.02	23.77 1.91 0.00	29.17 2.30 -1.54	140.50 11.08 0.00	38.11 2.64 -3.37	32.95 1.92 -10.26	25.30 1.56 -8.45	23.11 2.08 0.00	21.79 1.52 0.00
WALDENNY_12_KV_BK2 80841	3.86 -0.21 -0.39	4.37 -0.25 0.65	3.96 -0.21 -0.64	2.92 -0.39 4.26	2.95 -0.33 3.03	9.12 -0.68 0.82	12.95 -0.75 0.00	-0.95 -0.40 5.76	10.54 -0.63 3.41	13.03 -0.52 0.00	14.13 -0.32 0.00	13.08 -0.31 0.00	14.62 -0.23 0.00	16.62 -0.61 0.00	16.31 -1.03 0.04	12.02 -1.40 7.86	47.88 -1.72 -27.74	15.68 -1.49 8.15	122.43 -7.00 0.00	30.17 -2.07 -0.14	19.67 -1.38 -0.28	14.56 -0.94 -0.20	20.14 -0.90 0.00	19.68 -0.59 0.00
WALDEN__HYDRO 24148	5.37 0.24 -1.45	10.66 0.31 -5.07	7.45 0.21 -3.71	9.33 0.45 -1.32	7.30 0.37 -0.62	12.15 0.63 -0.89	14.47 0.77 0.00	-7.30 0.34 12.85	15.43 0.85 0.00	14.36 0.81 0.00	15.24 0.79 0.00	14.08 0.70 0.00	15.60 0.76 0.00	18.24 1.01 0.00	18.51 1.13 0.00	22.65 1.34 -0.02	23.29 1.42 0.00	28.55 1.79 -1.44	137.88 8.46 0.00	37.45 2.20 -3.15	31.81 1.44 -9.59	24.25 1.05 -7.90	22.35 1.32 0.00	21.29 1.03 0.00
WARRENSBURG____ 23737	8.00 0.18 -4.15	12.71 0.25 -7.19	8.95 0.16 -5.25	9.78 0.35 -1.87	7.50 0.32 -0.88	12.45 0.57 -1.26	14.40 0.71 0.00	19.69 0.32 -14.16	15.44 0.87 0.00	14.30 0.75 0.00	15.12 0.67 0.00	14.00 0.61 0.00	15.54 0.69 0.00	18.09 0.87 0.00	18.30 0.92 0.00	22.80 1.49 -0.03	23.29 1.43 0.00	28.99 1.66 -2.01	138.41 8.98 0.00	38.82 2.32 -4.40	35.61 1.46 -13.38	27.28 0.96 -11.02	22.06 1.02 0.00	21.02 0.75 0.00
WATERSIDE____6 8 9 23538	8.94 0.29 -4.98	11.10 0.38 -5.44	7.76 0.25 -3.98	9.53 0.55 -1.41	7.42 0.45 -0.66	12.35 0.77 -0.95	14.62 0.92 0.00	51.77 0.42 -46.15	15.61 1.03 0.00	14.49 0.94 0.00	15.36 0.91 0.00	14.24 0.86 0.00	15.80 0.95 0.00	18.47 1.24 0.00	18.68 1.30 0.00	22.92 1.62 -0.02	23.52 1.66 0.00	28.77 1.91 -1.54	138.09 8.67 0.00	37.79 2.32 -3.37	32.57 1.55 -10.25	24.91 1.16 -8.45	22.51 1.48 0.00	21.37 1.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	3.69 0.01 0.00	5.31 0.03 0.00	3.55 0.02 0.00	7.61 0.05 0.00	6.35 0.04 0.00	10.70 0.07 0.00	13.77 0.07 0.00	5.23 0.02 0.00	14.67 0.10 0.00	13.60 0.05 0.00	14.47 0.03 0.00	13.41 0.02 0.00	14.85 0.00 0.00	17.27 0.04 0.00	17.52 0.15 0.00	21.57 0.29 0.00	22.25 0.39 0.00	25.83 0.50 0.00	132.03 2.60 0.00	32.71 0.62 0.00	21.16 0.38 0.00	15.56 0.27 0.00	21.28 0.25 0.00	20.36 0.10 0.00
WATSON____69_KV_BK 1 55734	9.01 0.36 -4.97	11.17 0.45 -5.44	7.82 0.31 -3.98	9.66 0.68 -1.41	7.52 0.54 -0.66	12.51 0.93 -0.95	14.74 1.05 0.00	45.01 0.48 -39.32	15.65 1.07 0.00	14.55 1.00 0.00	15.52 1.07 0.00	14.38 0.99 0.00	15.90 1.06 0.00	18.40 1.18 0.00	18.73 1.35 0.00	23.08 1.77 -0.02	23.95 2.09 0.00	29.36 2.49 -1.54	141.24 11.82 0.00	38.22 2.75 -3.37	33.01 1.98 -10.26	25.35 1.61 -8.45	23.16 2.13 0.00	21.84 1.58 0.00
WDELAWARE__HYD 323627	5.50 0.27 -1.56	10.28 0.36 -4.64	7.17 0.25 -3.39	9.29 0.52 -1.20	7.31 0.43 -0.57	12.17 0.73 -0.81	14.62 0.93 0.00	-2.41 0.40 8.02	15.62 1.04 0.00	14.52 0.97 0.00	15.41 0.97 0.00	14.23 0.84 0.00	15.77 0.92 0.00	18.45 1.22 0.00	18.66 1.29 0.00	22.92 1.62 -0.02	23.47 1.61 0.00	28.73 2.08 -1.33	139.56 10.13 0.00	37.61 2.60 -2.91	31.32 1.70 -8.85	23.82 1.23 -7.29	22.60 1.57 0.00	21.54 1.27 0.00

WEST BABYLON___JC 23714	8.99 0.34 -4.97	11.15 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.50 0.52 -0.66	12.47 0.89 -0.95	14.70 1.00 0.00	44.99 0.46 -39.32	15.62 1.04 0.00	14.52 0.96 0.00	15.49 1.05 0.00	14.35 0.96 0.00	15.86 1.01 0.00	18.39 1.16 0.00	18.71 1.33 0.00	23.02 1.72 -0.02	23.87 2.01 0.00	29.26 2.39 -1.54	140.64 11.22 0.00	38.14 2.67 -3.37	32.95 1.91 -10.26	25.28 1.53 -8.45	23.05 2.02 0.00	21.75 1.48 0.00	
WEST CANADA___HYD 24049	3.67 0.00 0.00	5.27 -0.01 0.00	3.53 0.00 0.00	7.55 -0.01 0.00	6.30 -0.01 0.00	10.62 -0.01 0.00	13.67 -0.02 0.00	5.21 -0.01 0.00	14.57 -0.01 0.00	13.54 -0.01 0.00	14.42 -0.03 0.00	13.37 -0.02 0.00	14.83 -0.01 0.00	17.21 -0.02 0.00	17.38 0.01 0.00	21.32 0.04 0.00	21.93 0.07 0.00	25.43 0.11 0.00	129.94 0.51 0.00	32.21 0.11 0.00	20.84 0.06 0.00	15.34 0.05 0.00	21.06 0.03 0.00	20.27 0.00 0.00	
WESTERN_NY_WIND 24143	3.86 -0.15 -0.34	4.98 -0.18 0.12	3.92 -0.16 -0.55	4.94 -0.28 2.35	4.40 -0.23 1.69	9.71 -0.49 0.42	13.23 -0.47 0.00	1.70 -0.25 3.27	12.30 -0.35 1.93	13.24 -0.31 0.00	14.32 -0.13 0.00	13.23 -0.15 0.00	14.76 -0.09 0.00	16.87 -0.35 0.00	16.55 -0.81 0.02	15.87 -1.11 4.31	53.17 -1.29 -32.60	19.77 -0.99 4.56	125.36 -4.07 -0.01	30.88 -1.35 -0.13	20.15 -0.91 -0.29	14.89 -0.63 -0.22	20.48 -0.55 0.00	19.92 -0.34 0.00	
WESTOVER___LESR 323668	4.45 0.02 -0.76	7.04 0.06 -1.70	4.79 0.01 -1.24	8.07 0.06 -0.44	6.57 0.05 -0.21	10.96 0.04 -0.30	13.75 0.05 0.00	5.21 0.00 0.00	14.69 0.11 0.00	13.54 -0.01 0.00	14.53 0.09 0.00	13.42 0.03 0.00	14.93 0.08 0.00	17.21 -0.02 0.00	17.26 -0.12 0.00	22.61 -0.16 -1.49	92.04 -0.27 -70.46	26.35 -0.09 -1.12	128.59 -0.84 0.00	32.21 -0.20 -0.31	21.57 -0.16 -0.96	15.96 -0.13 -0.79	20.91 -0.12 0.00	20.21 -0.06 0.00	
WETHRSFD_WT_PWR 323626	3.89 -0.23 -0.45	1.28 -0.27 3.73	4.03 -0.23 -0.73	-6.42 -0.44 13.55	-3.59 -0.36 9.54	7.06 -0.73 2.83	12.79 -0.90 0.01	-12.94 -0.45 17.70	3.28 -0.84 10.45	12.78 -0.77 0.00	13.83 -0.62 0.00	12.76 -0.63 0.00	14.25 -0.60 0.00	16.26 -0.97 0.00	15.96 -1.30 0.12	-5.37 -1.58 25.07	9.37 -1.79 10.70	-1.73 -1.55 25.51	122.67 -6.75 0.00	30.30 -1.96 -0.16	19.38 -1.40 0.00	14.24 -0.98 0.08	19.97 -1.06 0.00	19.53 -0.74 0.00	
WHAVSTOR_138KV_BK127 55557	2.72 0.23 1.19	10.56 0.30 -4.99	7.38 0.21 -3.65	9.30 0.44 -1.30	7.28 0.36 -0.61	12.11 0.61 -0.87	14.42 0.72 0.00	-47.23 0.32 52.77	15.37 0.80 0.00	14.30 0.75 0.00	15.17 0.72 0.00	14.06 0.67 0.00	15.62 0.77 0.00	18.24 1.02 0.00	18.45 1.08 0.00	22.64 1.33 -0.02	23.22 1.36 0.00	28.37 1.62 -1.42	136.89 7.46 0.00	37.17 1.96 -3.11	31.54 1.30 -9.46	24.06 0.97 -7.80	22.24 1.21 0.00	21.17 0.90 0.00	
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	2.72 0.23 1.19	10.56 0.30 -4.99	7.38 0.21 -3.65	9.30 0.44 -1.30	7.28 0.36 -0.61	12.11 0.61 -0.87	14.42 0.72 0.00	-47.23 0.32 52.77	15.37 0.80 0.00	14.30 0.75 0.00	15.17 0.72 0.00	14.06 0.67 0.00	15.62 0.77 0.00	18.24 1.02 0.00	18.45 1.08 0.00	22.64 1.33 -0.02	23.22 1.36 0.00	28.37 1.62 -1.42	136.89 7.46 0.00	37.17 1.96 -3.11	31.54 1.30 -9.46	24.06 0.97 -7.80	22.24 1.21 0.00	21.17 0.90 0.00	
WHITEHAL_115KV_TB1 80871	8.05 0.23 -4.15	12.77 0.32 -7.18	8.99 0.21 -5.25	9.90 0.46 -1.86	7.64 0.45 -0.88	12.74 0.86 -1.26	14.76 1.07 0.00	19.85 0.45 -14.19	15.84 1.26 0.00	14.46 0.91 0.00	15.20 0.76 0.00	14.19 0.80 0.00	15.89 1.04 0.00	18.46 1.24 0.00	18.74 1.36 0.00	23.45 2.13 -0.03	23.96 2.10 0.00	29.77 2.43 -2.01	142.47 13.04 0.00	39.77 3.28 -4.40	36.18 2.03 -13.37	27.69 1.38 -11.02	22.46 1.43 0.00	21.18 0.92 0.00	
WHITEPLN_13_KV_LOAD 356215	8.98 0.28 -5.03	11.04 0.37 -5.40	7.72 0.25 -3.95	9.50 0.53 -1.40	7.41 0.43 -0.66	12.31 0.74 -0.94	14.59 0.90 0.00	46.08 0.40 -40.48	15.58 1.01 0.00	14.50 0.95 0.00	15.38 0.94 0.00	14.24 0.86 0.00	15.80 0.96 0.00	18.47 1.24 0.00	18.68 1.31 0.00	22.93 1.63 -0.02	23.54 1.68 0.00	28.84 1.99 -1.53	138.79 9.36 0.00	37.87 2.42 -3.35	32.55 1.59 -10.18	24.87 1.18 -8.39	22.52 1.50 0.00	21.40 1.13 0.00	
WM_FLOYD_69_KV_BK2 356380	9.00 0.35 -4.97	11.15 0.44 -5.44	7.81 0.30 -3.98	9.64 0.66 -1.41	7.50 0.52 -0.66	12.47 0.89 -0.95	14.67 0.97 0.00	44.99 0.46 -39.32	15.55 0.97 0.00	14.45 0.90 0.00	15.40 0.96 0.00	14.27 0.89 0.00	15.80 0.95 0.00	18.24 1.02 0.00	18.56 1.18 0.00	22.89 1.59 -0.02	23.79 1.93 0.00	29.20 2.34 -1.54	140.74 11.32 0.00	38.17 2.70 -3.37	32.96 1.93 -10.26	25.29 1.55 -8.45	23.09 2.06 0.00	21.77 1.50 0.00	
WOODARD__115KV_TB2 355635	3.85 -0.04 -0.22	5.70 -0.06 -0.49	3.84 -0.05 -0.36	7.60 -0.09 -0.13	6.30 -0.08 -0.06	10.57 -0.14 -0.09	13.54 -0.16 0.00	5.15 -0.06 0.00	14.45 -0.13 0.00	13.41 -0.14 0.00	14.33 -0.12 0.00	13.27 -0.11 0.00	14.74 -0.11 0.00	17.04 -0.19 0.00	17.15 -0.23 0.00	21.37 -0.30 -0.39	73.27 -0.35 -51.77	25.08 -0.27 -0.04	128.07 -1.35 0.00	31.82 -0.36 -0.08	20.77 -0.25 -0.24	15.29 -0.20 -0.20	20.75 -0.28 0.00	20.07 -0.20 0.00	
YORK___WARBASSE 23770	8.94 0.29 -4.98	11.09 0.38 -5.44	7.76 0.25 -3.98	9.52 0.54 -1.41	7.41 0.43 -0.66	12.33 0.76 -0.95	14.61 0.91 0.00	51.77 0.41 -46.15	15.60 1.02 0.00	14.49 0.94 0.00	15.37 0.92 0.00	14.25 0.86 0.00	15.80 0.96 0.00	18.48 1.26 0.00	18.69 1.31 0.00	22.95 1.64 -0.02	23.55 1.68 0.00	28.79 1.93 -1.54	138.10 8.68 0.00	37.83 2.36 -3.37	32.60 1.58 -10.25	24.93 1.18 -8.45	22.54 1.51 0.00	21.40 1.14 0.00	
STILLWATER___SOLAR 323814	18.39 0.74 0.00	17.97 0.74 0.00	18.18 0.81 0.00	22.50 1.19 -0.03	23.07 1.20 0.00	28.78 1.45 -2.01	136.89 7.47 0.00	38.38 1.89 -4.39	35.33 1.21 -13.34	27.12 0.82 -10.99	21.97 0.94 0.00	20.97 0.71 0.00													