

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/13/2023

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	26.00	22.33	20.37	18.71	19.16	19.91	21.17	21.41	22.45	21.44	22.38	21.98	21.85	21.82	21.97	22.75	30.00	34.00	38.08	32.80	35.96	28.26	26.55	24.68
24138	1.03	1.14	1.06	0.85	0.85	1.00	0.94	0.96	1.27	1.27	1.15	1.08	0.91	0.92	0.92	0.89	0.77	0.90	0.88	0.95	1.22	0.98	0.87	0.73
	-14.10	-8.99	-8.08	-8.72	-8.94	-7.99	-10.09	-10.43	-8.89	-7.97	-10.05	-10.60	-12.39	-12.26	-12.41	-13.37	-21.97	-24.52	-28.70	-22.49	-22.49	-17.00	-16.56	-16.18
74TH STREET_GT_1	25.98	22.30	20.35	18.69	19.14	19.88	21.14	21.38	22.41	21.40	22.36	21.95	21.84	21.80	21.96	22.73	29.98	33.97	38.05	32.78	35.93	28.23	26.52	24.66
24260	1.01	1.11	1.03	0.82	0.83	0.97	0.91	0.93	1.22	1.22	1.12	1.04	0.88	0.88	0.89	0.87	0.74	0.87	0.84	0.92	1.19	0.95	0.84	0.71
	-14.10	-8.99	-8.09	-8.72	-8.94	-7.99	-10.09	-10.44	-8.90	-7.98	-10.06	-10.61	-12.40	-12.26	-12.42	-13.37	-21.98	-24.52	-28.71	-22.50	-22.50	-17.00	-16.57	-16.19
74TH STREET_GT_2	25.98	22.30	20.35	18.69	19.14	19.88	21.14	21.38	22.41	21.40	22.36	21.95	21.84	21.80	21.96	22.73	29.98	33.97	38.05	32.78	35.93	28.23	26.52	24.66
24261	1.01	1.11	1.03	0.82	0.83	0.97	0.91	0.93	1.22	1.22	1.12	1.04	0.88	0.88	0.89	0.87	0.74	0.87	0.84	0.92	1.19	0.95	0.84	0.71
	-14.10	-8.99	-8.09	-8.72	-8.94	-7.99	-10.09	-10.44	-8.90	-7.98	-10.06	-10.61	-12.40	-12.26	-12.42	-13.37	-21.98	-24.52	-28.71	-22.50	-22.50	-17.00	-16.57	-16.19
ADK HUDSON___FALLS	28.89	24.32	22.11	20.77	21.32	21.67	23.59	23.84	24.20	22.79	24.21	24.02	24.53	24.57	24.69	25.73	34.02	38.51	43.85	38.74	40.97	32.81	30.21	29.04
24011	0.39	0.40	0.35	0.27	0.30	0.34	0.32	0.26	0.38	0.37	0.41	0.37	0.30	0.30	0.29	0.28	0.25	0.34	0.36	0.42	0.51	0.40	0.31	0.21
	-17.63	-11.71	-10.53	-11.36	-11.65	-10.41	-13.12	-13.56	-11.52	-10.23	-12.61	-13.35	-15.68	-15.62	-15.75	-16.95	-26.50	-29.59	-35.00	-28.95	-28.21	-22.13	-20.79	-21.06
ADK RESOURCE___RCVRY	28.95	24.38	22.15	20.81	21.37	21.71	23.65	23.90	24.26	22.86	24.29	24.10	24.61	24.64	24.77	25.81	34.12	38.64	44.00	38.86	41.11	32.90	30.31	29.11
23798	0.44	0.45	0.38	0.30	0.34	0.37	0.35	0.29	0.42	0.40	0.46	0.41	0.33	0.33	0.33	0.31	0.27	0.38	0.39	0.47	0.58	0.43	0.35	0.23
	-17.65	-11.72	-10.54	-11.37	-11.66	-10.42	-13.15	-13.59	-11.55	-10.26	-12.65	-13.39	-15.72	-15.66	-15.79	-17.00	-26.59	-29.68	-35.11	-29.03	-28.29	-22.18	-20.85	-21.12
ADK S GLENS___FALLS	28.89	24.32	22.11	20.77	21.32	21.67	23.59	23.84	24.20	22.79	24.21	24.02	24.53	24.57	24.69	25.73	34.02	38.51	43.85	38.74	40.97	32.81	30.21	29.04
24028	0.39	0.40	0.35	0.27	0.30	0.34	0.32	0.26	0.38	0.37	0.41	0.37	0.30	0.30	0.29	0.28	0.25	0.34	0.36	0.42	0.51	0.40	0.31	0.21
	-17.63	-11.71	-10.53	-11.36	-11.65	-10.41	-13.12	-13.56	-11.52	-10.23	-12.61	-13.35	-15.68	-15.62	-15.75	-16.95	-26.50	-29.59	-35.00	-28.95	-28.21	-22.13	-20.79	-21.06
ADK_NYS___DAM	27.91	23.90	21.74	20.37	20.88	21.33	23.17	23.46	23.87	22.43	23.45	23.26	23.67	23.79	23.86	24.83	31.71	35.91	40.99	37.35	39.19	31.98	28.95	28.23
23527	0.40	0.48	0.43	0.35	0.35	0.44	0.44	0.43	0.54	0.50	0.45	0.41	0.35	0.35	0.34	0.34	0.30	0.38	0.37	0.41	0.54	0.46	0.37	0.26
	-16.64	-11.22	-10.09	-10.88	-11.16	-9.97	-12.59	-13.01	-11.03	-9.74	-11.82	-12.55	-14.77	-14.79	-14.88	-15.99	-24.15	-26.95	-32.12	-27.58	-26.41	-21.23	-19.47	-20.21
AIR_PRODUCTS___DRP	27.90	23.58	21.46	20.13	20.65	21.04	22.83	23.10	23.48	22.14	23.41	23.23	23.67	23.71	23.81	24.81	32.59	36.87	41.96	37.19	39.35	31.61	29.06	27.99
24190	0.13	0.16	0.15	0.11	0.13	0.15	0.13	0.11	0.16	0.16	0.19	0.19	0.15	0.14	0.12	0.13	0.11	0.14	0.14	0.15	0.18	0.15	0.11	0.06
	-16.91	-11.21	-10.08	-10.87	-11.16	-9.97	-12.56	-12.98	-11.02	-9.78	-12.03	-12.75	-14.97	-14.93	-15.05	-16.19	-25.22	-28.15	-33.32	-27.68	-26.92	-21.17	-19.84	-20.16
AKWESSNE_115KV_BK	10.60	11.93	10.98	8.97	9.20	10.69	9.98	9.86	12.05	11.95	10.85	9.98	8.27	8.38	8.38	8.24	7.04	8.35	8.29	9.13	11.90	10.03	8.90	7.58
355683	-0.26	-0.28	-0.25	-0.17	-0.17	-0.23	-0.16	-0.16	-0.25	-0.24	-0.34	-0.32	-0.28	-0.27	-0.27	-0.25	-0.23	-0.23	-0.21	-0.23	-0.34	-0.26	-0.22	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.90	23.58	21.46	20.13	20.65	21.04	22.83	23.10	23.48	22.14	23.41	23.23	23.67	23.71	23.81	24.81	32.59	36.87	41.96	37.19	39.35	31.61	29.06	27.99
23571	0.13	0.16	0.15	0.11	0.13	0.15	0.13	0.11	0.16	0.16	0.19	0.19	0.15	0.14	0.12	0.13	0.11	0.14	0.14	0.15	0.18	0.15	0.11	0.06
	-16.91	-11.21	-10.08	-10.87	-11.16	-9.97	-12.56	-12.98	-11.02	-9.78	-12.03	-12.75	-14.97	-14.93	-15.05	-16.19	-25.22	-28.15	-33.32	-27.68	-26.92	-21.17	-19.84	-20.16
ALBANY___2	27.90	23.58	21.46	20.13	20.65	21.04	22.83	23.10	23.48	22.14	23.41	23.23	23.67	23.71	23.81	24.81	32.59	36.87	41.96	37.19	39.35	31.61	29.06	27.99
23572	0.13	0.16	0.15	0.11	0.13	0.15	0.13	0.11	0.16	0.16	0.19	0.19	0.15	0.14	0.12	0.13	0.11	0.14	0.14	0.15	0.18	0.15	0.11	0.06
	-16.91	-11.21	-10.08	-10.87	-11.16	-9.97	-12.56	-12.98	-11.02	-9.78	-12.03	-12.75	-14.97	-14.93	-15.05	-16.19	-25.22	-28.15	-33.32	-27.68	-26.92	-21.17	-19.84	-20.16
ALBANY___3	27.90	23.58	21.46	20.13	20.65	21.04	22.83	23.10	23.48	22.14	23.41	23.23	23.67	23.71	23.81	24.81	32.59	36.87	41.96	37.19	39.35	31.61	29.06	27.99
23573	0.13	0.16	0.15	0.11	0.13	0.15	0.13	0.11	0.16	0.16	0.19	0.19	0.15	0.14	0.12	0.13	0.11	0.14	0.14	0.15	0.18	0.15	0.11	0.06
	-16.91	-11.21	-10.08	-10.87	-11.16	-9.97	-12.56	-12.98	-11.02	-9.78	-12.03	-12.75	-14.97	-14.93	-15.05	-16.19	-25.22	-28.15	-33.32	-27.68	-26.92	-21.17	-19.84	-20.16

ALBANY___4 23574	27.90 0.13 -16.91	23.58 0.16 -11.21	21.46 0.15 -10.08	20.13 0.11 -10.87	20.65 0.13 -11.16	21.04 0.15 -9.97	22.83 0.13 -12.56	23.10 0.11 -12.98	23.48 0.16 -11.02	22.14 0.16 -9.78	23.41 0.19 -12.03	23.23 0.19 -12.75	23.67 0.15 -14.97	23.71 0.14 -14.93	23.81 0.12 -15.05	24.81 0.13 -16.19	32.59 0.11 -25.22	36.87 0.14 -28.15	41.96 0.14 -33.32	37.19 0.15 -27.68	39.35 0.18 -26.92	31.61 0.15 -21.17	29.06 0.11 -19.84	27.99 0.06 -20.16
ALBANY___LFGE 323615	28.15 0.23 -17.06	23.80 0.27 -11.32	21.66 0.25 -10.18	20.32 0.19 -10.98	20.85 0.22 -11.27	21.23 0.25 -10.06	23.07 0.22 -12.70	23.34 0.19 -13.13	23.72 0.27 -11.15	22.36 0.27 -9.89	23.62 0.28 -12.16	23.46 0.28 -12.88	23.90 0.22 -15.13	23.95 0.22 -15.09	24.06 0.21 -15.21	25.06 0.20 -16.36	32.85 0.17 -25.41	37.17 0.22 -28.37	42.32 0.22 -33.60	37.60 0.24 -28.00	39.74 0.31 -27.19	31.96 0.25 -21.43	29.34 0.19 -20.04	28.29 0.12 -20.40
ALCOA_PA_115KV_PL-6C 55860	10.62 -0.25 0.00	11.94 -0.27 0.00	11.01 -0.22 0.00	8.98 -0.16 0.00	9.22 -0.15 0.00	10.70 -0.22 0.00	9.99 -0.15 0.00	9.87 -0.15 0.00	12.06 -0.23 0.00	11.95 -0.24 0.00	10.83 -0.36 0.00	9.97 -0.33 0.00	8.25 -0.30 0.00	8.36 -0.29 0.00	8.36 -0.29 0.00	8.22 -0.27 0.00	7.02 -0.24 0.00	8.33 -0.25 0.00	8.29 -0.21 0.00	9.13 -0.23 0.00	11.91 -0.33 0.00	10.04 -0.25 0.00	8.90 -0.22 0.00	7.58 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	10.62 -0.25 0.00	11.94 -0.27 0.00	11.01 -0.22 0.00	8.98 -0.16 0.00	9.22 -0.15 0.00	10.70 -0.22 0.00	9.99 -0.15 0.00	9.87 -0.15 0.00	12.06 -0.23 0.00	11.95 -0.24 0.00	10.83 -0.36 0.00	9.97 -0.33 0.00	8.25 -0.30 0.00	8.36 -0.29 0.00	8.36 -0.29 0.00	8.22 -0.27 0.00	7.02 -0.24 0.00	8.33 -0.25 0.00	8.29 -0.21 0.00	9.13 -0.23 0.00	11.91 -0.33 0.00	10.04 -0.25 0.00	8.90 -0.22 0.00	7.58 -0.19 0.00
ALCOA___DSASP 323711	10.62 -0.25 0.00	11.94 -0.27 0.00	11.01 -0.22 0.00	8.98 -0.16 0.00	9.22 -0.15 0.00	10.70 -0.22 0.00	9.99 -0.15 0.00	9.87 -0.15 0.00	12.06 -0.23 0.00	11.95 -0.24 0.00	10.82 -0.36 0.00	9.97 -0.33 0.00	8.25 -0.30 0.00	8.36 -0.29 0.00	8.36 -0.29 0.00	8.22 -0.27 0.00	7.02 -0.24 0.00	8.33 -0.25 0.00	8.29 -0.21 0.00	9.13 -0.23 0.00	11.91 -0.33 0.00	10.05 -0.24 0.00	8.90 -0.22 0.00	7.58 -0.19 0.00
ALLEGHENY___COGEN 23514	13.51 0.42 -2.22	14.12 0.45 -1.46	12.95 0.40 -1.31	10.83 0.27 -1.42	11.07 0.25 -1.45	12.59 0.37 -1.30	12.03 0.25 -1.64	11.89 0.18 -1.69	13.90 0.16 -1.44	13.61 0.12 -1.29	12.99 0.20 -1.61	12.24 0.24 -1.70	10.78 0.23 -1.99	10.80 0.17 -1.98	10.82 0.17 -2.00	10.79 0.14 -2.15	10.88 0.14 -3.47	12.66 0.20 -3.88	13.28 0.22 -4.56	13.26 0.26 -3.64	16.26 0.40 -3.61	13.32 0.28 -2.76	11.97 0.20 -2.66	10.72 0.32 -2.63
ALTAMONT_115KV_TB 2 55880	28.86 0.49 -17.51	24.33 0.54 -11.58	22.12 0.47 -10.41	20.76 0.38 -11.23	21.28 0.39 -11.52	21.68 0.47 -10.29	23.55 0.43 -12.98	23.82 0.39 -13.42	24.22 0.52 -11.41	22.84 0.50 -10.15	24.23 0.49 -12.56	24.04 0.45 -13.29	24.53 0.38 -15.59	24.54 0.38 -15.51	24.67 0.37 -15.66	25.72 0.37 -16.85	34.20 0.33 -26.61	38.70 0.41 -29.70	43.99 0.42 -35.06	38.55 0.49 -28.71	40.97 0.61 -28.11	32.67 0.49 -21.89	30.24 0.41 -20.71	28.93 0.33 -20.84
ALTONA_WT_PWR 323606	10.70 -0.16 0.00	12.11 -0.10 0.00	11.22 -0.01 0.00	9.18 0.04 0.00	9.44 0.07 0.00	10.97 0.05 0.00	10.26 0.12 0.00	10.20 0.18 0.00	12.43 0.14 0.00	12.18 -0.01 0.00	10.80 -0.38 0.00	9.82 -0.48 0.00	8.07 -0.49 0.00	8.13 -0.52 0.00	8.13 -0.52 0.00	8.01 -0.48 0.00	6.84 -0.42 0.00	8.21 -0.38 0.00	8.23 -0.27 0.00	9.14 -0.22 0.00	11.94 -0.31 0.00	10.08 -0.21 0.00	8.98 -0.14 0.00	7.70 -0.07 0.00
AMERICAN_REF_FUEL 24010	12.44 -0.42 -2.00	13.04 -0.49 -1.32	11.92 -0.49 -1.19	10.00 -0.42 -1.28	10.23 -0.45 -1.31	11.69 -0.40 -1.17	11.09 -0.53 -1.48	10.91 -0.64 -1.53	12.74 -0.86 -1.30	12.53 -0.83 -1.16	12.03 -0.60 -1.45	11.37 -0.46 -1.54	10.05 -0.30 -1.80	10.04 -0.39 -1.78	10.05 -0.41 -1.80	10.06 -0.38 -1.94	10.05 -0.35 -3.14	11.60 -0.48 -3.50	12.06 -0.55 -4.12	12.06 -0.59 -3.29	14.68 -0.82 -3.26	12.04 -0.74 -2.50	10.89 -0.62 -2.40	9.89 -0.26 -2.38
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.16 0.07 -2.23	13.76 0.09 -1.47	12.55 0.00 -1.32	10.54 -0.03 -1.42	10.77 -0.06 -1.46	12.29 0.07 -1.30	11.69 -0.10 -1.65	11.51 -0.21 -1.70	13.45 -0.30 -1.45	13.25 -0.24 -1.29	12.72 -0.08 -1.62	12.06 0.05 -1.71	10.66 0.10 -2.00	10.61 -0.03 -1.99	10.59 -0.07 -2.01	10.60 -0.06 -2.16	10.67 -0.09 -3.49	12.30 -0.18 -3.90	12.84 -0.24 -4.58	12.78 -0.24 -3.66	15.51 -0.36 -3.62	12.65 -0.41 -2.78	11.45 -0.34 -2.67	10.35 -0.06 -2.64
ARTHUR_KILL_GT_1 23520	26.04 1.07 -14.11	22.35 1.15 -8.99	20.42 1.10 -8.09	18.74 0.88 -8.72	19.19 0.88 -8.95	19.89 0.98 -7.99	21.12 0.89 -10.09	21.31 0.86 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.29 1.05 -10.06	21.91 0.99 -10.62	24.13 0.83 -14.75	21.75 0.82 -12.28	21.95 0.88 -12.42	22.73 0.86 -13.38	29.95 0.72 -21.97	33.94 0.84 -24.51	38.03 0.83 -28.70	32.76 0.90 -22.50	35.88 1.15 -22.49	28.17 0.88 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
ARTHUR_KILL_2 23512	26.01 1.03 -14.11	22.31 1.11 -8.99	20.39 1.07 -8.09	18.71 0.85 -8.72	19.17 0.85 -8.95	19.86 0.95 -7.99	21.10 0.87 -10.09	21.29 0.84 -10.44	22.30 1.11 -8.90	21.29 1.11 -7.98	22.27 1.03 -10.06	21.87 0.96 -10.62	24.11 0.80 -14.75	21.73 0.80 -12.28	21.93 0.86 -12.42	22.71 0.84 -13.38	29.92 0.69 -21.97	33.91 0.82 -24.51	38.01 0.81 -28.70	32.73 0.86 -22.50	35.84 1.10 -22.49	28.14 0.85 -17.00	26.55 0.86 -16.57	24.67 0.71 -16.19
ARTHUR_KILL_3 23513	25.89 0.92 -14.10	22.22 1.03 -8.99	20.27 0.95 -8.09	18.63 0.77 -8.72	19.07 0.77 -8.94	19.83 0.92 -7.99	21.08 0.85 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.29 1.05 -10.05	21.87 0.96 -10.61	24.11 0.81 -14.74	21.73 0.81 -12.27	21.87 0.81 -12.41	22.65 0.79 -13.37	29.91 0.67 -21.98	33.87 0.77 -24.52	37.95 0.75 -28.71	32.68 0.82 -22.50	35.79 1.05 -22.50	28.14 0.85 -17.00	26.44 0.76 -16.57	24.58 0.63 -16.18
ARTHUR_KILL_COGEN 323718	26.04 1.07 -14.11	22.35 1.15 -8.99	20.42 1.10 -8.09	18.74 0.88 -8.72	19.19 0.88 -8.95	19.89 0.98 -7.99	21.12 0.89 -10.09	21.31 0.86 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.29 1.05 -10.06	21.91 0.99 -10.62	24.13 0.83 -14.75	21.75 0.82 -12.28	21.95 0.88 -12.42	22.73 0.86 -13.38	29.95 0.72 -21.97	33.94 0.84 -24.51	38.03 0.83 -28.70	32.76 0.90 -22.50	35.88 1.15 -22.49	28.17 0.88 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
ASHOKAN____ 23654	26.10 0.24 -15.00	22.32 0.26 -9.85	20.29 0.20 -8.86	18.85 0.16 -9.55	19.32 0.15 -9.80	19.87 0.20 -8.76	21.37 0.17 -11.05	21.62 0.18 -11.42	22.33 0.32 -9.72	21.17 0.32 -8.66	22.23 0.27 -10.77	21.93 0.24 -11.39	22.14 0.23 -13.35	22.14 0.22 -13.26	22.28 0.23 -13.40	23.15 0.23 -14.42	30.51 0.22 -23.03	34.53 0.24 -25.71	39.01 0.23 -30.28	34.11 0.25 -24.50	36.65 0.28 -24.12	29.21 0.29 -18.64	27.11 0.22 -17.77	25.69 0.18 -17.74

ASTORIA_EAST_ENERGY_CC1 323581	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.07 0.84 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.05	21.92 1.03 -10.60	21.81 0.86 -12.39	21.76 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.92 0.68 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.81 1.08 -22.49	28.13 0.85 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_EAST_ENERGY_CC2 323582	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.07 0.84 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.05	21.92 1.03 -10.60	21.81 0.86 -12.39	21.76 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.92 0.68 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.81 1.08 -22.49	28.13 0.85 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT2_1 24094	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT2_2 24095	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT2_3 24096	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT2_4 24097	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT3_1 24098	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT3_2 24099	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT3_3 24100	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT3_4 24101	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT4_1 24102	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT4_2 24103	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT4_3 24104	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT4_4 24105	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA_GT_1 23523	25.94 0.97 -14.11	22.26 1.06 -8.99	20.31 0.99 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.85 0.94 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.40 1.22 -8.89	21.37 1.21 -7.97	22.32 1.10 -10.05	21.95 1.05 -10.60	21.83 0.89 -12.39	21.79 0.88 -12.25	21.93 0.87 -12.41	22.70 0.84 -13.36	29.94 0.70 -21.97	33.91 0.82 -24.51	38.00 0.80 -28.70	32.72 0.87 -22.49	35.85 1.11 -22.49	28.15 0.87 -17.00	26.48 0.79 -16.57	24.62 0.66 -16.19

ASTORIA_GT_10 24110	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
ASTORIA_GT_11 24225	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
ASTORIA_GT_12 24226	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
ASTORIA_GT_13 24227	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
ASTORIA_GT_5 24106	25.94 0.97 -14.11	22.26 1.06 -8.99	20.31 0.99 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.85 0.94 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.40 1.22 -8.89	21.37 1.21 -7.97	22.32 1.10 -10.05	21.95 1.05 -10.60	21.83 0.89 -12.39	21.79 0.88 -12.25	21.93 0.87 -12.41	22.70 0.84 -13.36	29.94 0.70 -21.97	33.91 0.82 -24.51	38.00 0.80 -28.70	32.72 0.87 -22.49	35.85 1.11 -22.49	28.15 0.87 -17.00	26.48 0.79 -16.57	24.62 0.66 -16.19
ASTORIA_GT_7 24107	25.94 0.97 -14.11	22.26 1.06 -8.99	20.31 0.99 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.85 0.94 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.40 1.22 -8.89	21.37 1.21 -7.97	22.32 1.10 -10.05	21.95 1.05 -10.60	21.83 0.89 -12.39	21.79 0.88 -12.25	21.93 0.87 -12.41	22.70 0.84 -13.36	29.94 0.70 -21.97	33.91 0.82 -24.51	38.00 0.80 -28.70	32.72 0.87 -22.49	35.85 1.11 -22.49	28.15 0.87 -17.00	26.48 0.79 -16.57	24.62 0.66 -16.19
ASTORIA_GT_8 24108	25.94 0.97 -14.11	22.26 1.06 -8.99	20.31 0.99 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.85 0.94 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.40 1.22 -8.89	21.37 1.21 -7.97	22.32 1.10 -10.05	21.95 1.05 -10.60	21.83 0.89 -12.39	21.79 0.88 -12.25	21.93 0.87 -12.41	22.70 0.84 -13.36	29.94 0.70 -21.97	33.91 0.82 -24.51	38.00 0.80 -28.70	32.72 0.87 -22.49	35.85 1.11 -22.49	28.15 0.87 -17.00	26.48 0.79 -16.57	24.62 0.66 -16.19
ASTORIA___2 24149	25.92 0.94 -14.11	22.24 1.04 -8.99	20.28 0.97 -8.09	18.66 0.79 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.37 1.19 -8.89	21.36 1.20 -7.97	22.31 1.08 -10.05	21.92 1.03 -10.60	21.82 0.87 -12.39	21.77 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.89 0.80 -24.51	37.97 0.77 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.14 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.19
ASTORIA___3 23516	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
ASTORIA___4 23517	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.43	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.05	21.92 1.02 -10.60	22.42 0.86 -13.00	21.78 0.86 -12.26	21.93 0.87 -12.41	22.71 0.85 -13.37	34.00 0.73 -26.01	34.86 0.84 -25.44	38.01 0.82 -28.70	34.00 0.90 -23.74	35.87 1.14 -22.49	28.23 0.95 -17.00	26.52 0.84 -16.57	24.65 0.69 -16.19
ASTORIA___5 23518	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
AST_ENERGY_2_CC3 323677	25.90 0.93 -14.10	22.22 1.03 -8.99	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.07 0.84 -10.09	21.32 0.87 -10.43	22.32 1.13 -8.89	21.32 1.15 -7.98	22.28 1.04 -10.05	21.86 0.96 -10.60	21.76 0.81 -12.40	21.72 0.81 -12.26	21.88 0.82 -12.41	22.67 0.81 -13.37	29.92 0.68 -21.98	33.89 0.79 -24.52	37.98 0.77 -28.71	32.69 0.83 -22.50	35.82 1.08 -22.50	28.15 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.18
AST_ENERGY_2_CC4 323678	25.90 0.93 -14.10	22.22 1.03 -8.99	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.07 0.84 -10.09	21.32 0.87 -10.43	22.32 1.13 -8.89	21.32 1.15 -7.98	22.28 1.04 -10.05	21.86 0.96 -10.60	21.76 0.81 -12.40	21.72 0.81 -12.26	21.88 0.82 -12.41	22.67 0.81 -13.37	29.92 0.68 -21.98	33.89 0.79 -24.52	37.98 0.77 -28.71	32.69 0.83 -22.50	35.82 1.08 -22.50	28.15 0.86 -17.00	26.46 0.77 -16.57	24.60 0.64 -16.18
ATHENS_STG_1 23668	26.76 0.40 -15.49	22.76 0.45 -10.10	20.73 0.42 -9.08	19.26 0.33 -9.79	19.75 0.34 -10.05	20.29 0.39 -8.98	21.83 0.35 -11.33	22.09 0.36 -11.71	22.75 0.48 -9.97	21.60 0.49 -8.92	22.81 0.45 -11.18	22.51 0.41 -11.80	22.72 0.35 -13.82	22.70 0.35 -13.69	22.85 0.35 -13.85	23.76 0.35 -14.92	31.77 0.29 -24.22	35.95 0.33 -27.03	40.55 0.32 -31.73	34.93 0.36 -25.21	37.75 0.47 -25.04	29.78 0.39 -19.11	27.92 0.36 -18.45	26.25 0.30 -18.19
ATHENS_STG_2 23670	26.76 0.40 -15.49	22.76 0.45 -10.10	20.73 0.42 -9.08	19.26 0.33 -9.79	19.75 0.34 -10.05	20.29 0.39 -8.98	21.83 0.35 -11.33	22.09 0.36 -11.71	22.75 0.48 -9.97	21.60 0.49 -8.92	22.81 0.45 -11.18	22.51 0.41 -11.80	22.72 0.35 -13.82	22.70 0.35 -13.69	22.85 0.35 -13.85	23.76 0.35 -14.92	31.77 0.29 -24.22	35.95 0.33 -27.03	40.55 0.32 -31.73	34.93 0.36 -25.21	37.75 0.47 -25.04	29.78 0.39 -19.11	27.92 0.36 -18.45	26.25 0.30 -18.19

ATHENS_STG_3 23677	26.76 0.40 -15.49	22.76 0.45 -10.10	20.73 0.42 -9.08	19.26 0.33 -9.79	19.75 0.34 -10.05	20.29 0.39 -8.98	21.83 0.35 -11.33	22.09 0.36 -11.71	22.75 0.48 -9.97	21.60 0.49 -8.92	22.81 0.45 -11.18	22.51 0.41 -11.80	22.72 0.35 -13.82	22.70 0.35 -13.69	22.85 0.35 -13.85	23.76 0.35 -14.92	31.77 0.29 -24.22	35.95 0.33 -27.03	40.55 0.32 -31.73	34.93 0.36 -25.21	37.75 0.47 -25.04	29.78 0.39 -19.11	27.92 0.36 -18.45	26.25 0.30 -18.19
AUBURN____LFG 323710	12.71 0.13 -1.72	13.47 0.13 -1.13	12.37 0.12 -1.02	10.32 0.08 -1.10	10.56 0.07 -1.12	12.05 0.13 -1.00	11.49 0.08 -1.27	11.41 0.08 -1.31	13.52 0.11 -1.11	13.29 0.10 -1.00	12.60 0.17 -1.25	11.78 0.16 -1.32	10.23 0.14 -1.54	10.34 0.16 -1.53	10.36 0.16 -1.54	10.33 0.17 -1.66	10.10 0.15 -2.69	11.75 0.17 -3.00	12.18 0.15 -3.52	12.32 0.14 -2.82	15.28 0.24 -2.79	12.61 0.19 -2.14	11.31 0.14 -2.05	9.93 0.12 -2.03
BABYLON_RES_REC 323704	26.69 1.16 -14.66	27.07 1.28 -13.58	23.71 1.19 -11.29	20.08 0.96 -9.98	19.28 0.97 -8.94	20.01 1.10 -7.99	21.29 1.06 -10.08	21.52 1.08 -10.42	22.76 1.40 -9.06	30.66 1.38 -17.09	26.08 1.20 -13.70	25.72 1.11 -14.30	26.66 0.92 -17.18	27.19 0.94 -17.59	26.45 0.94 -16.86	29.65 0.91 -20.25	32.27 0.79 -24.21	41.68 0.94 -32.16	41.33 0.90 -31.93	34.58 0.98 -24.24	36.01 1.26 -22.51	28.33 1.04 -17.01	26.63 0.95 -16.57	25.08 0.84 -16.47
BABYLON__69_KV_BK2 356345	26.78 1.26 -14.66	27.19 1.40 -13.58	23.81 1.29 -11.29	20.17 1.04 -9.98	19.37 1.06 -8.94	20.11 1.20 -7.99	21.38 1.16 -10.08	21.61 1.17 -10.42	22.87 1.51 -9.06	30.77 1.49 -17.09	26.18 1.30 -13.70	25.82 1.22 -14.30	26.74 1.01 -17.18	27.27 1.02 -17.60	26.53 1.03 -16.86	29.74 0.99 -20.25	32.34 0.86 -24.21	41.77 1.02 -32.17	41.40 0.98 -31.93	34.68 1.08 -24.24	36.13 1.38 -22.51	28.45 1.15 -17.01	26.75 1.07 -16.56	25.14 0.91 -16.46
BARON_WINDS____WT_PWR 323822	13.71 0.09 -2.76	14.12 0.10 -1.82	12.92 0.06 -1.63	10.92 0.02 -1.76	11.17 0.00 -1.81	12.62 0.09 -1.62	12.17 -0.01 -2.04	12.04 -0.08 -2.11	13.98 -0.11 -1.79	13.70 -0.10 -1.60	13.21 0.02 -2.00	12.51 0.09 -2.12	11.14 0.10 -2.48	11.17 0.06 -2.46	11.18 0.04 -2.49	11.22 0.05 -2.68	11.62 0.04 -4.32	13.43 0.02 -4.83	14.15 -0.02 -5.67	13.87 -0.03 -4.53	16.72 -0.01 -4.49	13.65 -0.07 -3.44	12.36 -0.06 -3.31	11.12 0.08 -3.27
BARRETT_IC_1 23704	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_10 23701	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_11 23702	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_12 23703	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_2 23705	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_3 23706	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_4 23707	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_5 23708	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_6 23709	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_7 23710	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47

BARRETT_IC_8 23711	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT_IC_9 23700	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT___1 23545	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BARRETT___2 23546	26.58 1.05 -14.66	26.97 1.18 -13.58	23.62 1.10 -11.29	20.01 0.89 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.65 1.29 -9.06	30.57 1.28 -17.09	26.01 1.13 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.72 -24.21	41.58 0.83 -32.16	41.21 0.79 -31.93	34.45 0.86 -24.23	35.85 1.10 -22.50	28.20 0.91 -17.01	26.51 0.82 -16.57	24.94 0.71 -16.47
BATAVIA___115KV_TB1 55881	12.70 -0.04 -1.88	13.38 -0.06 -1.24	12.25 -0.09 -1.11	10.23 -0.11 -1.20	10.45 -0.14 -1.23	11.95 -0.07 -1.10	11.34 -0.19 -1.39	11.14 -0.39 -1.51	13.03 -0.55 -1.29	12.82 -0.52 -1.15	12.31 -0.31 -1.44	11.59 -0.23 -1.52	10.24 -0.09 -1.78	10.22 -0.20 -1.76	10.22 -0.21 -1.78	10.21 -0.20 -1.92	10.19 -0.16 -3.08	11.71 -0.15 -3.28	12.14 -0.21 -3.85	12.22 -0.22 -3.08	14.99 -0.31 -3.05	12.31 -0.31 -2.34	11.08 -0.28 -2.24	9.98 -0.01 -2.22
BAYONEEC___CTG1 323682	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG10 323750	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG2 323683	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG3 323684	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG4 323685	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG5 323686	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG6 323687	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG7 323688	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG8 323689	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
BAYONEEC___CTG9 323749	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.84 0.93 -7.99	21.09 0.86 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.93 0.69 -21.98	33.90 0.80 -24.52	37.98 0.77 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18

BEACON___LESR 323632	28.05 0.30 -16.88	23.75 0.34 -11.20	21.61 0.30 -10.07	20.25 0.25 -10.86	20.77 0.26 -11.14	21.18 0.31 -9.96	22.98 0.27 -12.57	23.25 0.24 -12.99	23.67 0.34 -11.03	22.33 0.35 -9.78	23.57 0.37 -12.02	23.39 0.35 -12.74	23.80 0.28 -14.96	23.85 0.28 -14.92	23.95 0.26 -15.04	24.93 0.25 -16.18	32.63 0.23 -25.14	36.92 0.28 -28.06	42.02 0.28 -33.24	37.37 0.32 -27.69	39.53 0.39 -26.89	31.79 0.31 -21.20	29.19 0.25 -19.82	28.12 0.18 -20.18
BEAVER RIVER___HYD 24048	11.31 -0.11 -0.56	12.46 -0.11 -0.37	11.44 -0.12 -0.33	9.39 -0.11 -0.36	9.62 -0.11 -0.37	11.10 -0.14 -0.33	10.41 -0.14 -0.41	10.30 -0.14 -0.43	12.47 -0.18 -0.36	12.28 -0.24 -0.32	11.31 -0.28 -0.40	10.42 -0.31 -0.43	8.78 -0.27 -0.50	8.81 -0.34 -0.50	8.79 -0.35 -0.50	8.70 -0.33 -0.54	7.86 -0.28 -0.87	9.27 -0.28 -0.98	9.47 -0.18 -1.15	10.14 -0.14 -0.92	13.04 -0.11 -0.91	10.87 -0.10 -0.69	9.69 -0.09 -0.67	8.29 -0.14 -0.66
BEEBEE_GT_13 23619	12.46 -0.05 -1.65	13.22 -0.07 -1.09	12.12 -0.09 -0.98	10.08 -0.11 -1.05	10.32 -0.12 -1.08	11.79 -0.09 -0.96	11.21 -0.15 -1.22	11.07 -0.20 -1.26	13.08 -0.28 -1.07	12.87 -0.28 -0.96	12.25 -0.12 -1.19	11.48 -0.08 -1.26	10.04 0.01 -1.48	10.08 -0.03 -1.46	10.10 -0.03 -1.48	10.04 -0.05 -1.59	9.83 -0.01 -2.58	11.39 -0.08 -2.89	11.76 -0.13 -3.39	11.92 -0.15 -2.71	14.73 -0.20 -2.68	12.13 -0.21 -2.05	10.90 -0.19 -1.97	9.71 -0.01 -1.96
BENSHRST_27_KV_BENSHRST_1 355998	26.07 1.10 -14.11	22.40 1.20 -8.99	20.43 1.11 -8.09	18.75 0.89 -8.72	19.21 0.90 -8.95	19.93 1.02 -7.99	21.17 0.94 -10.09	21.39 0.94 -10.43	22.45 1.25 -8.90	21.43 1.26 -7.98	22.39 1.15 -10.05	22.01 1.09 -10.61	26.23 0.92 -16.75	21.85 0.93 -12.27	22.00 0.94 -12.41	22.78 0.92 -13.37	34.07 0.79 -26.01	34.95 0.93 -25.44	38.11 0.92 -28.70	34.09 0.98 -23.74	36.01 1.27 -22.49	28.32 1.04 -17.00	26.61 0.93 -16.57	24.72 0.77 -16.19
BETHLEHEM___GRP 23843	27.90 0.13 -16.91	23.58 0.16 -11.21	21.46 0.15 -10.08	20.13 0.11 -10.87	20.65 0.13 -11.16	21.04 0.15 -9.97	22.83 0.13 -12.56	23.10 0.11 -12.98	23.48 0.16 -11.02	22.14 0.16 -9.78	23.41 0.19 -12.03	23.23 0.19 -12.75	23.67 0.15 -14.97	23.71 0.14 -14.93	23.81 0.12 -15.05	24.81 0.13 -16.19	32.59 0.11 -25.22	36.87 0.14 -28.15	41.96 0.14 -33.32	37.19 0.15 -27.68	39.35 0.18 -26.92	31.61 0.15 -21.17	29.06 0.11 -19.84	27.99 0.06 -20.16
BETHLEHEM___GS1 323560	27.91 0.13 -16.91	23.58 0.16 -11.21	21.46 0.15 -10.08	20.13 0.11 -10.87	20.65 0.13 -11.16	21.04 0.15 -9.97	22.85 0.13 -12.58	23.13 0.11 -13.00	23.50 0.16 -11.05	22.17 0.17 -9.80	23.43 0.19 -12.06	23.26 0.19 -12.78	23.70 0.15 -15.00	23.74 0.14 -14.96	23.85 0.13 -15.08	24.85 0.13 -16.22	32.64 0.11 -25.27	36.93 0.14 -28.21	42.03 0.14 -33.40	37.25 0.15 -27.74	39.41 0.18 -26.98	31.65 0.14 -21.22	29.11 0.12 -19.88	28.03 0.06 -20.20
BETHLEHEM___GS2 323561	27.91 0.13 -16.91	23.58 0.16 -11.21	21.46 0.15 -10.08	20.13 0.11 -10.87	20.65 0.13 -11.16	21.04 0.15 -9.97	22.85 0.13 -12.58	23.13 0.11 -13.00	23.50 0.16 -11.05	22.17 0.17 -9.80	23.43 0.19 -12.06	23.26 0.19 -12.78	23.70 0.15 -15.00	23.74 0.14 -14.96	23.85 0.13 -15.08	24.85 0.13 -16.22	32.64 0.11 -25.27	36.93 0.14 -28.21	42.03 0.14 -33.40	37.25 0.15 -27.74	39.41 0.18 -26.98	31.65 0.14 -21.22	29.11 0.12 -19.88	28.03 0.06 -20.20
BETHLEHEM___GS3 323562	27.91 0.13 -16.91	23.58 0.16 -11.21	21.46 0.15 -10.08	20.13 0.11 -10.87	20.65 0.13 -11.16	21.04 0.15 -9.97	22.85 0.13 -12.58	23.13 0.11 -13.00	23.50 0.16 -11.05	22.17 0.17 -9.80	23.43 0.19 -12.06	23.26 0.19 -12.78	23.70 0.15 -15.00	23.74 0.14 -14.96	23.85 0.13 -15.08	24.85 0.13 -16.22	32.64 0.11 -25.27	36.93 0.14 -28.21	42.03 0.14 -33.40	37.25 0.15 -27.74	39.41 0.18 -26.98	31.65 0.14 -21.22	29.11 0.12 -19.88	28.03 0.06 -20.20
BETHLEHEM___STEEL 23779	12.85 -0.16 -2.15	13.45 -0.17 -1.41	12.28 -0.22 -1.27	10.31 -0.20 -1.37	10.54 -0.23 -1.41	12.04 -0.14 -1.26	11.46 -0.27 -1.60	11.30 -0.37 -1.66	13.19 -0.52 -1.41	12.98 -0.48 -1.26	12.47 -0.29 -1.58	11.80 -0.16 -1.67	10.44 -0.07 -1.95	10.42 -0.16 -1.93	10.42 -0.18 -1.96	10.44 -0.16 -2.11	10.49 -0.16 -3.38	12.10 -0.24 -3.76	12.61 -0.31 -4.41	12.55 -0.34 -3.53	15.27 -0.47 -3.49	12.51 -0.45 -2.68	11.30 -0.38 -2.57	10.21 -0.10 -2.55
BETHLHEM_115KV_TB1 79974	27.94 0.16 -16.91	23.61 0.20 -11.21	21.49 0.18 -10.08	20.16 0.15 -10.87	20.68 0.16 -11.15	21.06 0.19 -9.96	22.86 0.16 -12.55	23.14 0.15 -12.97	23.53 0.21 -11.02	22.19 0.21 -9.78	23.46 0.22 -12.05	23.28 0.22 -12.76	23.71 0.17 -14.98	23.76 0.17 -14.93	23.86 0.16 -15.06	24.86 0.16 -16.20	32.70 0.14 -25.30	37.00 0.17 -28.24	42.08 0.16 -33.42	37.23 0.18 -27.69	39.42 0.22 -26.96	31.64 0.19 -21.17	29.13 0.15 -19.86	28.01 0.09 -20.15
BETHPAGE_CC_5 323564	26.62 1.10 -14.66	27.01 1.22 -13.58	23.66 1.15 -11.29	20.04 0.91 -9.98	19.24 0.93 -8.94	19.96 1.06 -7.99	21.24 1.01 -10.08	21.47 1.03 -10.42	22.68 1.33 -9.06	30.60 1.32 -17.09	26.04 1.15 -13.70	25.67 1.07 -14.30	26.63 0.90 -17.18	27.15 0.91 -17.59	26.42 0.91 -16.86	29.61 0.87 -20.25	32.22 0.75 -24.21	41.62 0.88 -32.16	41.26 0.83 -31.93	34.50 0.91 -24.24	35.90 1.15 -22.50	28.27 0.98 -17.01	26.58 0.89 -16.57	25.04 0.80 -16.47
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.86 -0.20 -2.19	13.44 -0.21 -1.44	12.28 -0.25 -1.30	10.31 -0.23 -1.40	10.55 -0.25 -1.44	12.03 -0.17 -1.29	11.46 -0.30 -1.63	11.31 -0.40 -1.69	13.21 -0.53 -1.44	12.98 -0.50 -1.29	12.48 -0.31 -1.61	11.81 -0.19 -1.70	10.46 -0.09 -1.99	10.44 -0.18 -1.97	10.44 -0.20 -1.99	10.46 -0.18 -2.15	10.51 -0.17 -3.42	12.13 -0.26 -3.80	12.65 -0.31 -4.47	12.59 -0.35 -3.57	15.31 -0.48 -3.54	12.52 -0.47 -2.71	11.33 -0.39 -2.60	10.22 -0.12 -2.58
BINGHAMTON___COGEN 23790	14.89 0.14 -3.88	14.92 0.16 -2.56	13.66 0.13 -2.30	11.71 0.09 -2.48	11.99 0.08 -2.54	13.33 0.14 -2.27	13.09 0.08 -2.87	13.04 0.06 -2.97	14.91 0.09 -2.52	14.52 0.07 -2.26	14.14 0.13 -2.82	13.43 0.15 -2.98	12.17 0.13 -3.49	12.24 0.13 -3.46	12.28 0.13 -3.50	12.39 0.13 -3.77	13.46 0.11 -6.08	15.48 0.11 -6.79	16.57 0.09 -7.97	15.84 0.10 -6.37	18.72 0.16 -6.31	15.23 0.11 -4.84	13.87 0.10 -4.65	12.49 0.12 -4.60
BIXINCNT_115KV_LOAD 355685	13.01 -0.16 -2.31	13.57 -0.16 -1.52	12.38 -0.21 -1.37	10.42 -0.19 -1.47	10.66 -0.22 -1.51	12.14 -0.13 -1.36	11.57 -0.28 -1.71	11.42 -0.37 -1.78	13.35 -0.45 -1.51	13.13 -0.41 -1.35	12.64 -0.23 -1.69	11.96 -0.12 -1.78	10.60 -0.04 -2.09	10.57 -0.15 -2.07	10.58 -0.16 -2.09	10.61 -0.14 -2.26	10.74 -0.15 -3.62	12.38 -0.22 -4.02	12.94 -0.28 -4.73	12.84 -0.30 -3.78	15.58 -0.40 -3.74	12.74 -0.41 -2.87	11.50 -0.36 -2.75	10.36 -0.13 -2.73
BLACK RIVER___HYD 24047	11.62 -0.01 -0.77	12.70 -0.01 -0.51	11.65 -0.03 -0.46	9.58 -0.05 -0.49	9.81 -0.06 -0.50	11.29 -0.08 -0.45	10.63 -0.08 -0.57	10.52 -0.08 -0.59	12.67 -0.12 -0.50	12.45 -0.20 -0.45	11.52 -0.22 -0.56	10.63 -0.26 -0.59	9.01 -0.23 -0.69	9.07 -0.27 -0.68	9.05 -0.29 -0.69	8.98 -0.26 -0.75	8.25 -0.22 -1.20	9.71 -0.21 -1.34	9.95 -0.13 -1.58	10.57 -0.06 -1.26	13.53 0.04 -1.25	11.23 -0.01 -0.96	10.03 -0.01 -0.92	8.59 -0.09 -0.91

BLACKRVR_115KV_TB2 79977	11.62 -0.01 -0.77	12.70 -0.01 -0.51	11.65 -0.03 -0.46	9.58 -0.05 -0.49	9.81 -0.06 -0.50	11.29 -0.08 -0.45	10.63 -0.08 -0.57	10.52 -0.08 -0.59	12.67 -0.12 -0.50	12.45 -0.20 -0.45	11.52 -0.22 -0.56	10.63 -0.26 -0.59	9.01 -0.23 -0.69	9.07 -0.27 -0.68	9.05 -0.29 -0.69	8.98 -0.26 -0.75	8.25 -0.22 -1.20	9.71 -0.21 -1.34	9.95 -0.13 -1.58	10.57 -0.06 -1.26	13.53 0.04 -1.25	11.23 -0.01 -0.96	10.04 0.00 -0.92	8.59 -0.09 -0.91
BLISS_WT_PWR 323608	13.00 -0.17 -2.31	13.56 -0.17 -1.52	12.38 -0.21 -1.37	10.42 -0.19 -1.47	10.66 -0.22 -1.51	12.14 -0.13 -1.35	11.56 -0.28 -1.70	11.40 -0.38 -1.76	13.34 -0.45 -1.50	13.13 -0.40 -1.34	12.63 -0.22 -1.67	11.96 -0.10 -1.77	10.59 -0.03 -2.07	10.57 -0.14 -2.05	10.57 -0.16 -2.08	10.59 -0.14 -2.24	10.73 -0.15 -3.61	12.39 -0.22 -4.03	12.96 -0.28 -4.74	12.85 -0.30 -3.78	15.59 -0.40 -3.75	12.73 -0.42 -2.87	11.49 -0.38 -2.76	10.37 -0.13 -2.73
BLUE_CIRC_CHEM_DRP 24182	27.79 0.28 -16.64	23.53 0.32 -11.00	21.41 0.29 -9.89	20.05 0.24 -10.67	20.56 0.25 -10.94	20.99 0.29 -9.78	22.73 0.26 -12.32	22.99 0.23 -12.74	23.43 0.31 -10.83	22.13 0.30 -9.63	23.41 0.31 -11.91	23.19 0.29 -12.61	23.59 0.24 -14.79	23.60 0.23 -14.72	23.73 0.22 -14.85	24.71 0.23 -15.99	32.67 0.20 -25.21	36.97 0.24 -28.15	41.97 0.24 -33.23	36.88 0.27 -27.25	39.25 0.34 -26.66	31.36 0.29 -20.79	29.00 0.24 -19.64	27.74 0.19 -19.79
BOC_GAS_DRP 24189	28.05 0.26 -16.92	23.69 0.31 -11.18	21.56 0.28 -10.05	20.20 0.22 -10.84	20.71 0.22 -11.12	21.12 0.27 -9.94	22.92 0.25 -12.53	23.21 0.24 -12.95	23.64 0.33 -11.01	22.32 0.33 -9.80	23.63 0.31 -12.14	23.44 0.30 -12.84	23.87 0.25 -15.06	23.88 0.25 -14.98	24.01 0.24 -15.12	25.01 0.24 -16.28	33.23 0.20 -25.76	37.58 0.24 -28.75	42.66 0.23 -33.93	37.33 0.25 -27.72	39.74 0.33 -27.17	31.69 0.28 -21.13	29.37 0.24 -20.02	28.07 0.19 -20.11
BOONVILLE_115KV_TB1 79983	11.45 0.10 -0.49	12.64 0.11 -0.32	11.61 0.09 -0.29	9.51 0.05 -0.31	9.74 0.06 -0.32	11.26 0.05 -0.29	10.54 0.04 -0.36	10.43 0.04 -0.37	12.67 0.06 -0.32	12.50 0.02 -0.28	11.57 0.03 -0.35	10.67 0.00 -0.37	8.97 -0.03 -0.44	9.01 -0.07 -0.43	9.01 -0.08 -0.44	8.90 -0.07 -0.47	7.98 -0.05 -0.76	9.40 -0.03 -0.85	9.52 0.02 -1.00	10.22 0.06 -0.80	13.17 0.13 -0.79	10.98 0.09 -0.61	9.77 0.07 -0.58	8.36 0.02 -0.58
BORALEX_4TH_BRANCH 23824	27.91 0.40 -16.64	23.90 0.48 -11.22	21.74 0.43 -10.09	20.37 0.35 -10.88	20.88 0.35 -11.16	21.33 0.44 -9.97	23.17 0.44 -12.59	23.46 0.43 -13.01	23.87 0.54 -11.03	22.43 0.50 -9.74	23.45 0.45 -11.82	23.26 0.41 -12.55	23.67 0.35 -14.77	23.79 0.35 -14.79	23.86 0.34 -14.88	24.83 0.34 -15.99	31.71 0.30 -24.15	35.91 0.38 -26.95	40.99 0.37 -32.12	37.35 0.41 -27.58	39.19 0.54 -26.41	31.98 0.46 -21.23	28.95 0.37 -19.47	28.23 0.26 -20.21
BOWLINE___1 23526	24.62 0.82 -12.94	21.81 0.90 -8.70	19.89 0.84 -7.82	18.25 0.68 -8.43	18.69 0.67 -8.65	19.43 0.79 -7.73	20.64 0.74 -9.76	20.85 0.75 -10.08	21.88 1.00 -8.59	20.90 1.00 -7.71	21.80 0.91 -9.71	21.38 0.84 -10.24	21.25 0.72 -11.98	21.22 0.72 -11.85	21.37 0.73 -12.00	22.12 0.70 -12.92	29.11 0.60 -21.25	33.00 0.70 -23.72	36.95 0.68 -27.77	31.87 0.74 -21.77	34.97 0.96 -21.77	27.52 0.78 -16.46	25.84 0.69 -16.03	24.01 0.58 -15.66
BOWLINE___2 23595	24.62 0.82 -12.94	21.82 0.98 -8.63	19.89 0.90 -7.76	18.23 0.72 -8.37	18.67 0.72 -8.59	19.43 0.84 -7.67	20.62 0.79 -9.68	20.83 0.80 -10.01	21.88 1.06 -8.53	20.92 1.07 -7.65	21.79 0.97 -9.64	21.36 0.90 -10.16	21.20 0.76 -11.89	21.17 0.76 -11.76	21.33 0.78 -11.90	22.08 0.76 -12.83	28.99 0.65 -21.08	32.87 0.76 -23.53	36.78 0.72 -27.56	31.76 0.80 -21.61	34.87 1.03 -21.60	27.46 0.84 -16.33	25.76 0.74 -15.91	23.94 0.63 -15.55
BRADY___115KV_TB2 356060	10.62 -0.25 0.00	11.95 -0.26 0.00	11.02 -0.21 0.00	8.98 -0.16 0.00	9.23 -0.14 0.00	10.70 -0.22 0.00	9.99 -0.15 0.00	9.87 -0.15 0.00	12.06 -0.23 0.00	11.94 -0.26 0.00	10.80 -0.38 0.00	9.93 -0.37 0.00	8.21 -0.34 0.00	8.31 -0.34 0.00	8.32 -0.33 0.00	8.18 -0.31 0.00	6.99 -0.28 0.00	8.31 -0.27 0.00	8.28 -0.22 0.00	9.14 -0.22 0.00	11.95 -0.29 0.00	10.06 -0.23 0.00	8.92 -0.20 0.00	7.56 -0.21 0.00
BRANSCOMB___SOLAR 323811	28.76 0.42 -17.47	24.29 0.46 -11.62	22.08 0.40 -10.45	20.74 0.33 -11.27	21.28 0.35 -11.56	21.65 0.40 -10.33	23.56 0.38 -13.04	23.82 0.33 -13.48	24.16 0.42 -11.45	22.76 0.40 -10.16	24.09 0.41 -12.50	23.92 0.38 -13.24	24.42 0.32 -15.55	24.46 0.31 -15.50	24.58 0.31 -15.62	25.61 0.31 -16.81	33.71 0.26 -26.18	38.15 0.34 -29.23	43.45 0.35 -34.60	38.51 0.40 -28.75	40.74 0.54 -27.95	32.71 0.43 -21.99	30.07 0.36 -20.60	28.96 0.26 -20.93
BRENTWOD_69_KV_W. BRTWOOD 56703	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.06 1.16 -7.99	21.34 1.12 -10.08	21.56 1.12 -10.42	22.82 1.46 -9.06	30.71 1.43 -17.09	26.09 1.21 -13.70	25.74 1.14 -14.30	26.66 0.93 -17.18	27.21 0.94 -17.62	26.46 0.95 -16.86	29.70 0.93 -20.28	32.30 0.80 -24.24	41.71 0.94 -32.19	41.35 0.90 -31.95	34.60 0.98 -24.26	36.03 1.26 -22.53	28.38 1.06 -17.04	26.67 0.99 -16.56	25.09 0.86 -16.46
BRISTLHL_115KV_TB1 79998	11.84 -0.22 -1.19	12.74 -0.26 -0.79	11.70 -0.24 -0.71	9.69 -0.21 -0.76	9.92 -0.22 -0.78	11.39 -0.23 -0.70	10.77 -0.25 -0.88	10.67 -0.26 -0.91	12.76 -0.31 -0.78	12.57 -0.32 -0.69	11.83 -0.22 -0.87	11.02 -0.20 -0.92	9.47 -0.15 -1.07	9.56 -0.16 -1.06	9.57 -0.16 -1.07	9.50 -0.15 -1.16	9.01 -0.12 -1.87	10.51 -0.16 -2.09	10.79 -0.16 -2.45	11.12 -0.20 -1.96	13.97 -0.22 -1.94	11.58 -0.20 -1.49	10.36 -0.18 -1.43	9.04 -0.14 -1.42
BROOKHAVEN___DRP 24191	26.69 1.16 -14.66	27.11 1.32 -13.58	23.73 1.21 -11.29	20.09 0.97 -9.98	19.29 0.98 -8.94	20.02 1.11 -7.99	21.32 1.10 -10.08	21.53 1.09 -10.42	22.78 1.43 -9.06	30.70 1.41 -17.09	26.10 1.22 -13.70	25.75 1.15 -14.30	26.69 0.96 -17.18	27.19 0.95 -17.59	26.46 0.95 -16.86	29.68 0.93 -20.25	32.27 0.80 -24.21	41.68 0.94 -32.16	41.33 0.91 -31.92	34.58 0.99 -24.23	36.02 1.27 -22.50	28.38 1.09 -17.01	26.67 0.99 -16.56	25.07 0.84 -16.46
BROOKLYN_NAVY_YARD 23515	25.91 0.94 -14.10	22.23 1.04 -8.99	20.27 0.95 -8.09	18.61 0.75 -8.72	19.06 0.76 -8.94	19.80 0.90 -7.99	21.08 0.85 -10.09	21.33 0.88 -10.43	22.32 1.13 -8.89	21.31 1.13 -7.98	22.25 1.02 -10.05	21.84 0.94 -10.60	21.76 0.80 -12.40	21.71 0.80 -12.26	21.88 0.82 -12.41	22.66 0.80 -13.37	29.92 0.68 -21.98	33.89 0.79 -24.52	37.98 0.77 -28.71	32.69 0.83 -22.50	35.82 1.08 -22.50	28.15 0.86 -17.00	26.47 0.79 -16.57	24.60 0.65 -16.18
BROOKLYN___ARMY_DRP 323595	26.03 1.05 -14.11	22.35 1.15 -8.99	20.38 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.43	22.40 1.20 -8.90	21.38 1.21 -7.98	22.34 1.11 -10.05	21.95 1.04 -10.61	26.19 0.88 -16.75	21.80 0.88 -12.27	21.96 0.90 -12.41	22.75 0.88 -13.37	34.03 0.76 -26.01	34.90 0.88 -25.44	38.06 0.87 -28.70	34.04 0.94 -23.74	35.95 1.21 -22.49	28.28 1.00 -17.00	26.57 0.88 -16.57	24.68 0.73 -16.19



BROOKVLE_69_KV_TB1 55790	26.61 1.09 -14.66	26.99 1.20 -13.58	23.63 1.11 -11.29	20.02 0.90 -9.98	19.22 0.91 -8.94	19.94 1.04 -7.99	21.21 0.98 -10.08	21.44 1.00 -10.42	22.66 1.30 -9.06	30.59 1.30 -17.09	26.07 1.19 -13.70	25.70 1.10 -14.30	26.66 0.93 -17.18	27.17 0.93 -17.59	26.45 0.94 -16.86	29.66 0.93 -20.24	32.26 0.79 -24.20	41.66 0.93 -32.15	41.31 0.89 -31.92	34.56 0.97 -24.23	35.98 1.24 -22.49	28.32 1.04 -17.00	26.60 0.92 -16.56	25.00 0.77 -16.46
BROOME_2_LFGE 323671	14.89 0.14 -3.88	14.92 0.16 -2.56	13.66 0.14 -2.30	11.71 0.09 -2.48	11.99 0.08 -2.54	13.33 0.14 -2.27	13.09 0.08 -2.87	13.04 0.06 -2.96	14.90 0.09 -2.52	14.52 0.07 -2.25	14.14 0.13 -2.82	13.43 0.15 -2.98	12.17 0.13 -3.49	12.24 0.13 -3.46	12.27 0.13 -3.50	12.39 0.13 -3.76	13.45 0.11 -6.08	15.48 0.11 -6.79	16.57 0.09 -7.98	15.84 0.10 -6.37	18.72 0.16 -6.31	15.22 0.10 -4.84	13.86 0.09 -4.65	12.49 0.12 -4.60
BROOME__LFGE 323600	14.89 0.14 -3.88	14.92 0.16 -2.56	13.66 0.14 -2.30	11.71 0.09 -2.48	11.99 0.08 -2.54	13.33 0.14 -2.27	13.09 0.08 -2.87	13.04 0.06 -2.96	14.90 0.09 -2.52	14.52 0.07 -2.25	14.14 0.13 -2.82	13.43 0.15 -2.98	12.17 0.13 -3.49	12.24 0.13 -3.46	12.27 0.13 -3.50	12.39 0.13 -3.76	13.45 0.11 -6.08	15.48 0.11 -6.79	16.57 0.09 -7.98	15.84 0.10 -6.37	18.72 0.16 -6.31	15.22 0.10 -4.84	13.86 0.09 -4.65	12.49 0.12 -4.60
BROWNFLS_115KV_TB_3_5 80003	10.92 -0.34 -0.39	12.11 -0.35 -0.26	11.14 -0.33 -0.23	9.13 -0.27 -0.25	9.36 -0.26 -0.26	10.81 -0.34 -0.23	10.15 -0.28 -0.29	10.04 -0.28 -0.30	12.17 -0.38 -0.25	12.00 -0.43 -0.23	10.96 -0.50 -0.28	10.10 -0.50 -0.30	8.46 -0.44 -0.35	8.51 -0.48 -0.35	8.51 -0.49 -0.35	8.41 -0.47 -0.38	7.48 -0.40 -0.61	8.85 -0.42 -0.69	8.96 -0.34 -0.81	9.68 -0.33 -0.64	12.50 -0.38 -0.64	10.45 -0.32 -0.49	9.31 -0.27 -0.47	7.94 -0.29 -0.47
BROWNSV1_27_KV_LOAD 356125	26.00 1.03 -14.10	22.33 1.14 -8.99	20.37 1.06 -8.09	18.70 0.84 -8.72	19.16 0.85 -8.94	19.90 0.99 -7.99	21.16 0.93 -10.08	21.40 0.95 -10.43	22.44 1.25 -8.89	21.43 1.26 -7.98	22.37 1.14 -10.05	21.96 1.06 -10.60	21.85 0.91 -12.39	21.81 0.91 -12.26	21.97 0.91 -12.41	22.74 0.88 -13.37	30.00 0.76 -21.97	33.98 0.88 -24.51	38.06 0.87 -28.70	32.79 0.95 -22.49	35.94 1.21 -22.49	28.27 0.99 -17.00	26.55 0.88 -16.56	24.67 0.72 -16.18
BURROWS__LYONSDAL 23803	11.42 0.05 -0.50	12.60 0.06 -0.33	11.56 0.03 -0.30	9.48 0.02 -0.32	9.71 0.02 -0.33	11.22 0.01 -0.29	10.51 0.00 -0.37	10.40 0.00 -0.38	12.62 0.00 -0.33	12.45 -0.04 -0.29	11.51 -0.03 -0.36	10.61 -0.07 -0.38	8.93 -0.08 -0.45	8.97 -0.13 -0.45	8.95 -0.15 -0.45	8.84 -0.14 -0.49	7.94 -0.11 -0.79	9.36 -0.09 -0.88	9.50 -0.03 -1.03	10.19 0.01 -0.82	13.15 0.09 -0.82	10.96 0.05 -0.62	9.75 0.04 -0.60	8.34 -0.02 -0.59
CAITHNESS_CC_1 323624	26.70 1.17 -14.66	27.11 1.32 -13.58	23.73 1.21 -11.29	20.10 0.98 -9.98	19.30 0.99 -8.94	20.03 1.12 -7.99	21.33 1.11 -10.08	21.54 1.10 -10.42	22.79 1.44 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.20 0.95 -17.59	26.46 0.95 -16.86	29.68 0.93 -20.25	32.27 0.79 -24.21	41.68 0.94 -32.16	41.33 0.90 -31.93	34.58 0.98 -24.24	36.01 1.26 -22.51	28.35 1.06 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47
CALPINE BETH_PAGE_GT4 24209	26.62 1.10 -14.66	27.00 1.21 -13.58	23.67 1.16 -11.29	20.05 0.92 -9.98	19.25 0.95 -8.94	19.97 1.07 -7.99	21.25 1.02 -10.08	21.48 1.04 -10.42	22.68 1.33 -9.06	30.60 1.32 -17.09	26.03 1.15 -13.70	25.68 1.08 -14.30	26.63 0.90 -17.18	27.15 0.91 -17.59	26.42 0.92 -16.86	29.60 0.86 -20.24	32.21 0.74 -24.20	41.60 0.87 -32.15	41.24 0.82 -31.92	34.49 0.90 -24.23	35.89 1.15 -22.50	28.29 1.01 -17.00	26.60 0.92 -16.56	25.02 0.79 -16.46
CALPINE_BETH_PAGE_GT_4 323586	26.62 1.10 -14.66	27.00 1.21 -13.58	23.67 1.16 -11.29	20.05 0.92 -9.98	19.25 0.95 -8.94	19.98 1.07 -7.99	21.25 1.02 -10.08	21.48 1.04 -10.42	22.68 1.33 -9.06	30.60 1.32 -17.09	26.04 1.15 -13.70	25.68 1.08 -14.30	26.64 0.91 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.60 0.86 -20.25	32.22 0.74 -24.21	41.61 0.87 -32.16	41.25 0.82 -31.93	34.50 0.91 -24.23	35.90 1.15 -22.50	28.28 0.99 -17.01	26.58 0.89 -16.57	25.03 0.79 -16.47
CALPINE_BP_GT1 23823	26.62 1.10 -14.66	27.00 1.21 -13.58	23.67 1.16 -11.29	20.05 0.92 -9.98	19.25 0.95 -8.94	19.98 1.07 -7.99	21.25 1.02 -10.08	21.48 1.04 -10.42	22.68 1.33 -9.06	30.60 1.32 -17.09	26.04 1.15 -13.70	25.68 1.08 -14.30	26.64 0.91 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.60 0.86 -20.25	32.22 0.74 -24.21	41.61 0.87 -32.16	41.25 0.82 -31.93	34.50 0.91 -24.23	35.90 1.15 -22.50	28.28 0.99 -17.01	26.58 0.89 -16.57	25.03 0.79 -16.47
CALSPAN__DRP 24200	12.85 -0.16 -2.15	13.45 -0.17 -1.41	12.28 -0.22 -1.27	10.31 -0.20 -1.37	10.54 -0.23 -1.41	12.04 -0.14 -1.26	11.46 -0.27 -1.60	11.30 -0.37 -1.66	13.19 -0.52 -1.41	12.98 -0.48 -1.26	12.47 -0.29 -1.58	11.80 -0.16 -1.67	10.44 -0.07 -1.95	10.42 -0.16 -1.93	10.42 -0.18 -1.96	10.44 -0.16 -2.11	10.49 -0.16 -3.38	12.10 -0.24 -3.76	12.61 -0.31 -4.41	12.55 -0.34 -3.53	15.27 -0.47 -3.49	12.51 -0.45 -2.68	11.30 -0.38 -2.57	10.21 -0.10 -2.55
CALVERTON__SOLAR 323806	26.71 1.18 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.10 0.98 -9.98	19.30 0.99 -8.94	20.02 1.11 -7.99	21.33 1.11 -10.08	21.54 1.10 -10.42	22.79 1.44 -9.06	30.72 1.44 -17.09	26.13 1.24 -13.70	25.78 1.17 -14.30	26.71 0.97 -17.18	27.21 0.97 -17.59	26.49 0.98 -16.86	29.70 0.96 -20.25	32.29 0.81 -24.21	41.72 0.97 -32.16	41.36 0.93 -31.93	34.62 1.02 -24.24	36.06 1.31 -22.51	28.38 1.09 -17.01	26.67 0.98 -16.57	25.09 0.85 -16.47
CANDIGU_WT_PWR 323617	13.71 0.09 -2.76	14.12 0.10 -1.82	12.92 0.06 -1.63	10.92 0.02 -1.76	11.17 0.00 -1.81	12.62 0.09 -1.62	12.17 -0.01 -2.04	12.04 -0.08 -2.11	13.98 -0.11 -1.79	13.70 -0.10 -1.60	13.21 0.02 -2.00	12.51 0.09 -2.12	11.14 0.10 -2.48	11.17 0.06 -2.46	11.18 0.04 -2.49	11.22 0.05 -2.68	11.62 0.04 -4.32	13.43 0.02 -4.83	14.15 -0.02 -5.67	13.87 -0.03 -4.53	16.72 -0.01 -4.49	13.65 -0.07 -3.44	12.36 -0.06 -3.31	11.12 0.08 -3.27
CARR STREET_E_SYR 24060	12.06 -0.10 -1.29	12.94 -0.12 -0.85	11.87 -0.12 -0.77	9.85 -0.12 -0.83	10.08 -0.13 -0.85	11.55 -0.12 -0.76	10.96 -0.14 -0.96	10.84 -0.16 -0.99	12.95 -0.18 -0.84	12.75 -0.20 -0.75	12.02 -0.10 -0.94	11.22 -0.07 -0.99	9.66 -0.05 -1.16	9.75 -0.05 -1.15	9.76 -0.05 -1.17	9.70 -0.05 -1.26	9.25 -0.04 -2.03	10.79 -0.06 -2.26	11.08 -0.08 -2.66	11.39 -0.09 -2.12	14.26 -0.09 -2.11	11.79 -0.10 -1.61	10.57 -0.10 -1.55	9.24 -0.06 -1.53
CARTHAGE__PAPER 23857	11.47 -0.09 -0.69	12.56 -0.10 -0.45	11.52 -0.11 -0.41	9.47 -0.11 -0.44	9.71 -0.10 -0.45	11.19 -0.13 -0.40	10.52 -0.13 -0.51	10.41 -0.13 -0.52	12.56 -0.18 -0.45	12.34 -0.26 -0.40	11.38 -0.30 -0.50	10.50 -0.33 -0.53	8.88 -0.29 -0.62	8.92 -0.35 -0.61	8.90 -0.36 -0.62	8.82 -0.34 -0.67	8.06 -0.28 -1.08	9.50 -0.28 -1.20	9.73 -0.18 -1.41	10.36 -0.13 -1.13	13.29 -0.07 -1.12	11.05 -0.09 -0.86	9.86 -0.08 -0.82	8.44 -0.14 -0.82

CASSADAGA_WT_PWR 323784	13.27 0.15 -2.25	13.87 0.18 -1.48	12.65 0.09 -1.33	10.63 0.05 -1.44	10.86 0.02 -1.47	12.40 0.16 -1.32	11.79 -0.02 -1.66	11.62 -0.12 -1.72	13.60 -0.16 -1.46	13.39 -0.11 -1.31	12.84 0.02 -1.63	12.18 0.15 -1.73	10.75 0.17 -2.02	10.69 0.03 -2.01	10.67 -0.01 -2.03	10.68 0.00 -2.18	10.75 -0.04 -3.52	12.40 -0.12 -3.94	12.94 -0.19 -4.63	12.87 -0.19 -3.70	15.64 -0.27 -3.66	12.76 -0.33 -2.80	11.53 -0.28 -2.69	10.41 -0.02 -2.67
CE_DUNWOOD___DRP 24194	25.81 0.86 -14.09	22.12 0.94 -8.97	20.17 0.88 -8.06	18.54 0.70 -8.70	19.00 0.71 -8.92	19.72 0.83 -7.97	20.98 0.78 -10.06	21.20 0.79 -10.40	22.20 1.05 -8.86	21.19 1.05 -7.94	22.15 0.95 -10.01	21.74 0.89 -10.56	21.66 0.75 -12.35	21.62 0.75 -12.22	21.78 0.76 -12.37	22.56 0.74 -13.33	29.81 0.63 -21.91	33.77 0.73 -24.46	37.85 0.71 -28.64	32.58 0.78 -22.44	35.69 1.00 -22.44	28.08 0.83 -16.96	26.38 0.74 -16.53	24.52 0.61 -16.15
CE_MILLWOOD___DRP 24193	25.71 0.84 -14.01	22.07 0.93 -8.93	20.12 0.85 -8.03	18.49 0.69 -8.66	18.95 0.69 -8.89	19.66 0.81 -7.94	20.91 0.75 -10.02	21.14 0.77 -10.35	22.13 1.01 -8.82	21.13 1.02 -7.91	22.08 0.93 -9.97	21.67 0.85 -10.52	21.58 0.73 -12.30	21.54 0.73 -12.17	21.70 0.74 -12.32	22.48 0.71 -13.27	29.70 0.61 -21.82	33.66 0.71 -24.36	37.71 0.69 -28.52	32.46 0.75 -22.35	35.58 0.98 -22.35	27.99 0.81 -16.90	26.29 0.71 -16.46	24.44 0.59 -16.08
CE_NYC2_DRP 24202	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.43	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.05	21.92 1.02 -10.60	22.42 0.86 -13.00	21.78 0.86 -12.26	21.93 0.87 -12.41	22.71 0.85 -13.37	34.00 0.73 -26.01	34.86 0.84 -25.44	38.02 0.82 -28.70	34.00 0.90 -23.74	35.88 1.15 -22.49	28.23 0.95 -17.00	26.52 0.84 -16.57	24.65 0.69 -16.19
CE_NYC_DRP 24195	25.93 0.97 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.10 0.80 -8.94	19.84 0.93 -7.99	21.10 0.87 -10.08	21.34 0.89 -10.43	22.35 1.17 -8.89	21.34 1.17 -7.98	22.29 1.06 -10.05	21.89 0.99 -10.60	21.79 0.84 -12.39	21.74 0.84 -12.26	21.90 0.85 -12.41	22.68 0.82 -13.36	29.94 0.70 -21.97	33.91 0.82 -24.51	37.98 0.79 -28.70	32.71 0.86 -22.49	35.85 1.11 -22.49	28.19 0.92 -17.00	26.49 0.81 -16.56	24.61 0.67 -16.18
CHAFFEE___LFGE 323603	12.89 -0.21 -2.23	13.46 -0.22 -1.47	12.28 -0.27 -1.32	10.33 -0.24 -1.42	10.55 -0.27 -1.46	12.04 -0.19 -1.30	11.46 -0.32 -1.65	11.30 -0.42 -1.70	13.19 -0.55 -1.45	12.98 -0.51 -1.29	12.48 -0.32 -1.62	11.81 -0.20 -1.71	10.46 -0.09 -2.00	10.44 -0.20 -1.99	10.44 -0.22 -2.01	10.46 -0.20 -2.16	10.56 -0.19 -3.49	12.20 -0.27 -3.90	12.74 -0.34 -4.58	12.65 -0.37 -3.66	15.37 -0.50 -3.62	12.56 -0.50 -2.78	11.35 -0.43 -2.67	10.27 -0.14 -2.64
CHATEAUG_35_KV_LOAD 355732	10.66 -0.21 0.00	12.05 -0.16 0.00	11.17 -0.06 0.00	9.13 -0.01 0.00	9.39 0.02 0.00	10.92 0.00 0.00	10.20 0.06 0.00	10.06 0.04 0.00	12.28 -0.01 0.00	12.05 -0.15 0.00	10.70 -0.48 0.00	9.72 -0.58 0.00	8.00 -0.56 0.00	8.07 -0.58 0.00	8.08 -0.57 0.00	7.95 -0.54 0.00	6.79 -0.47 0.00	8.13 -0.45 0.00	8.14 -0.36 0.00	9.05 -0.31 0.00	11.89 -0.36 0.00	10.03 -0.26 0.00	8.94 -0.17 0.00	7.66 -0.11 0.00
CHATEAUG_WT_PWR 323614	10.66 -0.21 0.00	12.05 -0.16 0.00	11.16 -0.07 0.00	9.13 -0.01 0.00	9.39 0.03 0.00	10.93 0.01 0.00	10.21 0.07 0.00	10.04 0.02 0.00	12.25 -0.05 0.00	12.01 -0.18 0.00	10.69 -0.49 0.00	9.71 -0.59 0.00	7.99 -0.56 0.00	8.06 -0.59 0.00	8.07 -0.58 0.00	7.94 -0.55 0.00	6.78 -0.49 0.00	8.11 -0.47 0.00	8.12 -0.37 0.00	9.02 -0.34 0.00	11.89 -0.36 0.00	10.04 -0.25 0.00	8.95 -0.16 0.00	7.67 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	10.66 -0.21 0.00	12.06 -0.15 0.00	11.17 -0.06 0.00	9.13 -0.01 0.00	9.39 0.02 0.00	10.92 0.00 0.00	10.20 0.06 0.00	10.06 0.04 0.00	12.27 -0.02 0.00	12.04 -0.16 0.00	10.70 -0.48 0.00	9.72 -0.58 0.00	8.00 -0.56 0.00	8.07 -0.58 0.00	8.07 -0.58 0.00	7.95 -0.54 0.00	6.79 -0.47 0.00	8.13 -0.46 0.00	8.15 -0.35 0.00	9.05 -0.31 0.00	11.89 -0.36 0.00	10.04 -0.25 0.00	8.94 -0.17 0.00	7.66 -0.11 0.00
CHAUTAUQUA___LFGE 323629	13.05 0.01 -2.18	13.65 0.01 -1.43	12.46 -0.06 -1.29	10.46 -0.07 -1.39	10.70 -0.09 -1.43	12.20 0.01 -1.27	11.61 -0.14 -1.61	11.44 -0.24 -1.66	13.37 -0.34 -1.41	13.16 -0.30 -1.26	12.63 -0.13 -1.58	11.97 0.00 -1.67	10.57 0.06 -1.96	10.54 -0.05 -1.94	10.52 -0.09 -1.96	10.53 -0.08 -2.11	10.58 -0.09 -3.41	12.22 -0.17 -3.81	12.73 -0.24 -4.47	12.69 -0.24 -3.57	15.43 -0.36 -3.54	12.60 -0.39 -2.71	11.39 -0.33 -2.61	10.30 -0.05 -2.58
CHERRYST_13_KV_LD 356241	25.95 0.99 -14.10	22.28 1.09 -8.99	20.33 1.01 -8.09	18.67 0.81 -8.72	19.12 0.81 -8.94	19.86 0.95 -7.99	21.12 0.89 -10.08	21.36 0.91 -10.43	22.39 1.20 -8.89	21.38 1.21 -7.98	22.33 1.10 -10.05	21.92 1.02 -10.60	21.81 0.86 -12.39	21.77 0.86 -12.26	21.93 0.87 -12.41	22.71 0.85 -13.36	29.96 0.73 -21.97	33.93 0.84 -24.51	38.02 0.82 -28.70	32.75 0.90 -22.49	35.88 1.15 -22.49	28.23 0.95 -17.00	26.51 0.84 -16.56	24.64 0.69 -16.18
CHESTROR_138KV_BK263 355645	23.97 0.74 -12.36	21.21 0.82 -8.18	19.33 0.74 -7.36	17.67 0.59 -7.93	18.10 0.60 -8.14	18.90 0.71 -7.27	19.98 0.66 -9.17	20.17 0.67 -9.48	21.25 0.87 -8.08	20.32 0.88 -7.24	21.10 0.79 -9.13	20.67 0.74 -9.62	20.44 0.62 -11.26	20.42 0.63 -11.14	20.56 0.64 -11.28	21.26 0.62 -12.15	27.76 0.54 -19.96	31.48 0.62 -22.28	35.18 0.59 -26.09	30.47 0.65 -20.47	33.55 0.84 -20.46	26.47 0.71 -15.47	24.81 0.63 -15.06	23.02 0.52 -14.73
CH_MIDHUDSON___DRP 24192	25.71 0.77 -14.07	22.17 0.85 -9.11	20.20 0.79 -8.19	18.60 0.63 -8.83	19.06 0.64 -9.06	19.75 0.74 -8.09	21.04 0.69 -10.21	21.27 0.70 -10.56	22.21 0.92 -8.99	21.17 0.93 -8.05	22.14 0.84 -10.12	21.75 0.77 -10.68	21.71 0.66 -12.50	21.68 0.66 -12.37	21.83 0.67 -12.52	22.63 0.65 -13.49	29.85 0.56 -22.03	33.82 0.64 -24.59	37.95 0.62 -28.83	32.80 0.68 -22.75	35.80 0.88 -22.68	28.26 0.75 -17.22	26.48 0.67 -16.70	24.71 0.55 -16.40
CH_MISC_IPPS 23765	25.52 0.87 -13.78	22.11 0.96 -8.93	20.14 0.88 -8.03	18.51 0.70 -8.66	18.96 0.70 -8.89	19.68 0.82 -7.94	20.93 0.77 -10.02	21.15 0.77 -10.36	22.14 1.02 -8.82	21.14 1.04 -7.91	22.06 0.93 -9.94	21.63 0.84 -10.49	21.55 0.72 -12.28	21.53 0.73 -12.15	21.69 0.74 -12.30	22.47 0.73 -13.25	29.57 0.62 -21.69	33.50 0.71 -24.21	37.56 0.69 -28.37	32.46 0.76 -22.34	35.50 0.97 -22.29	28.01 0.82 -16.90	26.25 0.72 -16.41	24.49 0.63 -16.09
CH_RES_BVR_FALLS 23983	10.64 -0.23 0.00	11.94 -0.27 0.00	10.97 -0.26 0.00	8.96 -0.18 0.00	9.20 -0.17 0.00	10.71 -0.21 0.00	9.98 -0.16 0.00	9.88 -0.14 0.00	12.11 -0.18 0.00	12.01 -0.18 0.00	10.96 -0.22 0.00	10.06 -0.24 0.00	8.33 -0.22 0.00	8.42 -0.23 0.00	8.41 -0.24 0.00	8.24 -0.25 0.00	7.04 -0.23 0.00	8.33 -0.25 0.00	8.27 -0.23 0.00	9.12 -0.24 0.00	11.89 -0.36 0.00	9.98 -0.30 0.00	8.85 -0.26 0.00	7.55 -0.22 0.00

CH_RES_NIAGARA 23895	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.86 -0.55 -1.18	9.96 -0.46 -1.28	10.18 -0.50 -1.31	11.64 -0.45 -1.17	11.07 -0.55 -1.48	10.88 -0.66 -1.52	12.72 -0.87 -1.30	12.50 -0.85 -1.16	12.01 -0.63 -1.45	11.35 -0.48 -1.53	10.04 -0.31 -1.79	10.03 -0.40 -1.78	10.03 -0.41 -1.80	10.04 -0.39 -1.94	10.00 -0.35 -3.09	11.58 -0.48 -3.48	12.03 -0.55 -4.08	12.03 -0.60 -3.26	14.65 -0.83 -3.23	11.99 -0.77 -2.48	10.84 -0.63 -2.35	9.86 -0.27 -2.36
CH_RES_SYRACUSE 23985	12.25 -0.04 -1.43	13.09 -0.06 -0.94	12.02 -0.06 -0.85	9.98 -0.07 -0.91	10.22 -0.08 -0.94	11.69 -0.07 -0.84	11.11 -0.09 -1.06	11.01 -0.10 -1.09	13.11 -0.11 -0.93	12.90 -0.12 -0.83	12.18 -0.04 -1.04	11.38 -0.02 -1.10	9.82 -0.02 -1.28	9.92 0.00 -1.27	9.93 -0.01 -1.29	9.88 0.00 -1.39	9.50 0.00 -2.24	11.08 -0.01 -2.50	11.41 -0.03 -2.94	11.67 -0.04 -2.35	14.56 -0.01 -2.33	12.02 -0.04 -1.78	10.79 -0.04 -1.71	9.45 -0.02 -1.70
CLINTON_WT_PWR 323605	10.66 -0.21 0.00	12.05 -0.16 0.00	11.16 -0.07 0.00	9.13 -0.01 0.00	9.39 0.03 0.00	10.93 0.01 0.00	10.21 0.07 0.00	10.04 0.02 0.00	12.25 -0.05 0.00	12.01 -0.18 0.00	10.69 -0.49 0.00	9.71 -0.59 0.00	7.99 -0.56 0.00	8.06 -0.59 0.00	8.07 -0.58 0.00	7.94 -0.55 0.00	6.78 -0.49 0.00	8.11 -0.47 0.00	8.12 -0.37 0.00	9.02 -0.34 0.00	11.89 -0.36 0.00	10.04 -0.25 0.00	8.95 -0.16 0.00	7.67 -0.10 0.00
CLINTON___LFGE 323618	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.21 0.07 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.28 0.26 0.00	12.53 0.23 0.00	12.29 0.10 0.00	10.86 -0.32 0.00	9.89 -0.41 0.00	8.12 -0.44 0.00	8.18 -0.47 0.00	8.18 -0.47 0.00	8.06 -0.43 0.00	6.89 -0.38 0.00	8.27 -0.32 0.00	8.29 -0.20 0.00	9.22 -0.14 0.00	12.01 -0.23 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.73 -0.04 0.00
COBBLENY_34_KV_TB1 80064	12.89 -0.21 -2.23	13.46 -0.22 -1.47	12.29 -0.26 -1.32	10.33 -0.24 -1.42	10.55 -0.27 -1.46	12.04 -0.19 -1.31	11.47 -0.32 -1.65	11.32 -0.41 -1.72	13.20 -0.55 -1.46	12.99 -0.51 -1.31	12.49 -0.32 -1.63	11.83 -0.20 -1.73	10.48 -0.09 -2.02	10.46 -0.20 -2.00	10.47 -0.21 -2.03	10.49 -0.19 -2.18	10.58 -0.18 -3.49	12.19 -0.27 -3.88	12.73 -0.33 -4.56	12.65 -0.36 -3.65	15.37 -0.49 -3.61	12.57 -0.48 -2.77	11.36 -0.41 -2.66	10.26 -0.14 -2.63
COFFEEN___115KV_TB3 355620	11.69 0.04 -0.78	12.78 0.06 -0.52	11.72 0.02 -0.46	9.63 -0.01 -0.50	9.88 0.00 -0.51	11.36 -0.01 -0.46	10.69 -0.03 -0.58	10.58 -0.03 -0.60	12.74 -0.06 -0.51	12.49 -0.16 -0.45	11.57 -0.18 -0.57	10.67 -0.23 -0.60	9.05 -0.21 -0.70	9.11 -0.24 -0.70	9.08 -0.27 -0.71	9.02 -0.24 -0.76	8.30 -0.20 -1.23	9.77 -0.18 -1.37	10.02 -0.08 -1.61	10.65 0.00 -1.29	13.64 0.12 -1.27	11.32 0.06 -0.98	10.11 0.05 -0.94	8.64 -0.05 -0.93
COLDSPRG_115KV_BK1 355956	13.41 0.20 -2.35	13.99 0.23 -1.55	12.76 0.13 -1.39	10.72 0.08 -1.50	10.96 0.06 -1.54	12.49 0.20 -1.38	11.90 0.02 -1.74	11.76 -0.06 -1.81	13.75 -0.09 -1.54	13.55 -0.02 -1.38	12.99 0.09 -1.72	12.32 0.21 -1.82	10.89 0.21 -2.13	10.84 0.08 -2.11	10.83 0.05 -2.13	10.85 0.06 -2.30	10.97 0.02 -3.69	12.65 -0.03 -4.10	13.23 -0.08 -4.82	13.13 -0.08 -3.85	15.94 -0.12 -3.82	13.01 -0.20 -2.92	11.75 -0.17 -2.81	10.58 0.03 -2.78
COLONIE_LFGE___ 323577	28.36 0.36 -17.13	24.04 0.40 -11.43	21.87 0.37 -10.27	20.51 0.29 -11.08	21.03 0.30 -11.37	21.43 0.36 -10.16	23.31 0.35 -12.82	23.59 0.32 -13.25	23.96 0.42 -11.25	22.56 0.40 -9.97	23.79 0.39 -12.22	23.61 0.36 -12.95	24.07 0.30 -15.21	24.14 0.30 -15.19	24.24 0.29 -15.30	25.25 0.30 -16.46	32.93 0.25 -25.41	37.27 0.32 -28.37	42.46 0.31 -33.65	37.93 0.36 -28.21	40.01 0.45 -27.32	32.27 0.37 -21.62	29.56 0.31 -20.13	28.56 0.22 -20.58
COOPERNY_115KV_TB1 80082	19.40 0.48 -8.05	18.02 0.52 -5.28	16.46 0.48 -4.75	14.65 0.38 -5.12	15.01 0.38 -5.26	16.07 0.46 -4.70	16.48 0.42 -5.93	16.56 0.42 -6.13	18.07 0.55 -5.22	17.43 0.56 -4.67	17.58 0.53 -5.87	16.98 0.48 -6.20	16.21 0.40 -7.25	16.24 0.41 -7.18	16.32 0.41 -7.27	16.72 0.40 -7.83	20.40 0.34 -12.79	23.26 0.39 -14.28	25.62 0.38 -16.74	22.99 0.42 -13.21	25.97 0.56 -13.16	20.74 0.46 -10.00	19.22 0.41 -9.69	17.62 0.33 -9.52
COPENHAGEN_WT_PWR 323753	11.64 -0.03 -0.81	12.70 -0.04 -0.53	11.65 -0.06 -0.48	9.59 -0.06 -0.52	9.83 -0.07 -0.53	11.30 -0.09 -0.47	10.64 -0.10 -0.60	10.53 -0.10 -0.62	12.69 -0.13 -0.53	12.46 -0.21 -0.47	11.56 -0.21 -0.59	10.67 -0.25 -0.62	9.06 -0.22 -0.73	9.11 -0.26 -0.72	9.10 -0.28 -0.73	9.02 -0.25 -0.78	8.33 -0.20 -1.27	9.78 -0.21 -1.42	10.03 -0.13 -1.66	10.61 -0.08 -1.33	13.57 0.01 -1.32	11.26 -0.03 -1.01	10.07 -0.02 -0.97	8.63 -0.09 -0.96
CORNELL___ 23752	13.90 0.26 -2.78	14.32 0.28 -1.83	13.13 0.26 -1.64	11.10 0.18 -1.77	11.36 0.18 -1.82	12.78 0.24 -1.63	12.38 0.18 -2.05	12.31 0.17 -2.12	14.31 0.21 -1.81	13.98 0.17 -1.61	13.44 0.23 -2.02	12.66 0.23 -2.13	11.22 0.17 -2.50	11.30 0.17 -2.47	11.33 0.18 -2.50	11.38 0.20 -2.69	11.79 0.17 -4.35	13.64 0.21 -4.85	14.41 0.20 -5.70	14.14 0.22 -4.56	17.11 0.36 -4.51	14.02 0.28 -3.46	12.67 0.23 -3.33	11.25 0.19 -3.29
CORONA_AAV_69_KV_TB1 355595	26.64 1.12 -14.66	27.02 1.23 -13.58	23.66 1.15 -11.29	20.04 0.91 -9.98	19.24 0.93 -8.94	19.95 1.05 -7.99	21.23 1.00 -10.08	21.46 1.02 -10.42	22.68 1.33 -9.06	30.61 1.33 -17.09	26.07 1.19 -13.70	25.68 1.08 -14.30	26.65 0.92 -17.18	27.16 0.93 -17.59	26.44 0.93 -16.86	29.66 0.93 -20.24	32.27 0.80 -24.20	41.64 0.91 -32.15	41.28 0.87 -31.92	34.53 0.95 -24.23	35.95 1.21 -22.49	28.31 1.03 -17.00	26.61 0.93 -16.56	25.01 0.78 -16.46
CORTLAND_115KV_TB3 80093	13.30 0.14 -2.30	13.88 0.16 -1.51	12.72 0.13 -1.36	10.70 0.09 -1.47	10.95 0.08 -1.50	12.38 0.12 -1.34	11.92 0.08 -1.70	11.84 0.07 -1.75	13.87 0.09 -1.49	13.60 0.07 -1.33	12.98 0.13 -1.67	12.19 0.13 -1.76	10.72 0.10 -2.06	10.80 0.10 -2.05	10.82 0.10 -2.07	10.83 0.11 -2.23	10.96 0.10 -3.60	12.71 0.11 -4.01	13.32 0.11 -4.72	13.24 0.11 -3.77	16.17 0.20 -3.73	13.29 0.14 -2.86	11.98 0.12 -2.75	10.59 0.10 -2.72
COXSACKIE___GT 23611	27.29 0.53 -15.90	23.29 0.60 -10.48	21.15 0.49 -9.43	19.69 0.38 -10.17	20.21 0.41 -10.43	20.74 0.50 -9.32	22.35 0.45 -11.76	22.59 0.41 -12.16	23.16 0.53 -10.34	21.91 0.51 -9.20	23.04 0.47 -11.39	22.77 0.42 -12.05	23.04 0.35 -14.14	23.06 0.35 -14.06	23.19 0.35 -14.20	24.14 0.37 -15.28	31.78 0.35 -24.16	35.98 0.42 -26.97	40.75 0.42 -31.83	35.87 0.49 -26.02	38.32 0.58 -25.50	30.68 0.55 -19.84	28.33 0.43 -18.79	27.02 0.37 -18.88
CPV_VALLEY___CC1 323721	24.21 0.74 -12.61	21.32 0.83 -8.28	19.44 0.76 -7.45	17.78 0.61 -8.03	18.22 0.62 -8.24	19.00 0.72 -7.36	20.10 0.67 -9.29	20.30 0.68 -9.60	21.37 0.90 -8.18	20.43 0.90 -7.34	21.24 0.82 -9.24	20.81 0.76 -9.75	20.61 0.65 -11.40	20.58 0.65 -11.28	20.72 0.66 -11.42	21.43 0.64 -12.30	28.02 0.55 -20.21	31.78 0.64 -22.56	35.53 0.61 -26.42	30.75 0.66 -20.73	33.83 0.87 -20.71	26.66 0.71 -15.67	25.00 0.63 -15.25	23.21 0.53 -14.92

CPV_VALLEY___CC2 323722	24.21 0.74 -12.61	21.32 0.83 -8.28	19.44 0.76 -7.45	17.78 0.61 -8.03	18.22 0.62 -8.24	19.00 0.72 -7.36	20.10 0.67 -9.29	20.30 0.68 -9.60	21.37 0.90 -8.18	20.43 0.90 -7.34	21.24 0.82 -9.24	20.81 0.76 -9.75	20.61 0.65 -11.40	20.58 0.65 -11.28	20.72 0.66 -11.42	21.43 0.64 -12.30	28.02 0.55 -20.21	31.78 0.64 -22.56	35.53 0.61 -26.42	30.75 0.66 -20.73	33.83 0.87 -20.71	26.66 0.71 -15.67	25.00 0.63 -15.25	23.21 0.53 -14.92
CRESCENT___HYD 24018	28.36 0.36 -17.13	24.04 0.40 -11.43	21.87 0.37 -10.27	20.51 0.29 -11.08	21.03 0.30 -11.37	21.43 0.36 -10.16	23.31 0.35 -12.82	23.59 0.32 -13.25	23.96 0.42 -11.25	22.56 0.40 -9.97	23.79 0.39 -12.22	23.61 0.36 -12.95	24.07 0.30 -15.21	24.14 0.30 -15.19	24.24 0.29 -15.30	25.25 0.30 -16.46	32.93 0.25 -25.41	37.27 0.32 -28.37	42.46 0.31 -33.65	37.93 0.36 -28.21	40.01 0.45 -27.32	32.27 0.37 -21.62	29.56 0.31 -20.13	28.56 0.22 -20.58
CRICKET___VALLEY_CC1 323756	22.95 0.58 -11.51	22.37 0.65 -9.51	20.39 0.61 -8.55	18.86 0.49 -9.22	19.32 0.50 -9.46	19.96 0.59 -8.45	21.36 0.55 -10.67	21.60 0.55 -11.03	22.26 0.71 -9.25	20.74 0.72 -7.83	20.37 0.65 -8.54	20.16 0.60 -9.26	20.15 0.51 -11.08	20.67 0.51 -11.51	20.52 0.52 -11.35	21.13 0.50 -12.14	21.34 0.43 -13.65	24.30 0.50 -15.22	28.46 0.48 -19.48	32.20 0.52 -22.31	31.81 0.67 -18.89	28.84 0.57 -18.00	23.58 0.49 -13.97	25.30 0.40 -17.13
CRICKET___VALLEY_CC2 323757	22.95 0.58 -11.51	22.37 0.65 -9.51	20.39 0.61 -8.55	18.86 0.49 -9.22	19.32 0.50 -9.46	19.96 0.59 -8.45	21.36 0.55 -10.67	21.60 0.55 -11.03	22.26 0.71 -9.25	20.74 0.72 -7.83	20.37 0.65 -8.54	20.16 0.60 -9.26	20.15 0.51 -11.08	20.67 0.51 -11.51	20.52 0.52 -11.35	21.13 0.50 -12.14	21.34 0.43 -13.65	24.30 0.50 -15.22	28.46 0.48 -19.48	32.20 0.52 -22.31	31.81 0.67 -18.89	28.84 0.57 -18.00	23.58 0.49 -13.97	25.30 0.40 -17.13
CRICKET___VALLEY_CC3 323758	22.95 0.58 -11.51	22.37 0.65 -9.51	20.39 0.61 -8.55	18.86 0.49 -9.22	19.32 0.50 -9.46	19.96 0.59 -8.45	21.36 0.55 -10.67	21.60 0.55 -11.03	22.26 0.71 -9.25	20.74 0.72 -7.83	20.37 0.65 -8.54	20.16 0.60 -9.26	20.15 0.51 -11.08	20.67 0.51 -11.51	20.52 0.52 -11.35	21.13 0.50 -12.14	21.34 0.43 -13.65	24.30 0.50 -15.22	28.46 0.48 -19.48	32.20 0.52 -22.31	31.81 0.67 -18.89	28.84 0.57 -18.00	23.58 0.49 -13.97	25.30 0.40 -17.13
CRUCIBLE_METL_DRP 24180	12.25 -0.04 -1.43	13.09 -0.06 -0.94	12.02 -0.06 -0.85	9.98 -0.07 -0.91	10.22 -0.08 -0.94	11.69 -0.07 -0.84	11.11 -0.09 -1.06	11.01 -0.10 -1.09	13.11 -0.11 -0.93	12.90 -0.12 -0.83	12.18 -0.04 -1.04	11.38 -0.02 -1.10	9.82 -0.02 -1.28	9.92 0.00 -1.27	9.93 0.00 -1.29	9.88 0.00 -1.39	9.50 0.00 -2.24	11.08 -0.01 -2.50	11.42 -0.02 -2.94	11.67 -0.04 -2.35	14.56 -0.01 -2.33	12.03 -0.03 -1.78	10.79 -0.04 -1.71	9.45 -0.02 -1.70
DAHOWA___HYDRO 323763	28.81 0.41 -17.53	24.32 0.45 -11.66	22.10 0.39 -10.48	20.76 0.31 -11.30	21.30 0.34 -11.60	21.66 0.38 -10.36	23.58 0.36 -13.08	23.84 0.31 -13.52	24.18 0.41 -11.48	22.78 0.39 -10.19	24.13 0.40 -12.55	23.96 0.37 -13.29	24.47 0.31 -15.60	24.51 0.30 -15.55	24.63 0.30 -15.68	25.67 0.30 -16.87	33.84 0.25 -26.32	38.31 0.34 -29.38	43.62 0.35 -34.77	38.62 0.41 -28.84	40.84 0.53 -28.07	32.76 0.42 -22.06	30.14 0.34 -20.68	29.00 0.24 -21.00
DANC___LFGE 323619	11.72 -0.10 -0.95	12.72 -0.11 -0.63	11.68 -0.11 -0.56	9.63 -0.12 -0.61	9.87 -0.12 -0.62	11.34 -0.13 -0.56	10.69 -0.15 -0.70	10.59 -0.15 -0.73	12.72 -0.20 -0.62	12.50 -0.24 -0.55	11.66 -0.21 -0.69	10.81 -0.22 -0.73	9.22 -0.19 -0.85	9.28 -0.22 -0.85	9.28 -0.22 -0.86	9.20 -0.21 -0.92	8.58 -0.17 -1.49	10.05 -0.20 -1.66	10.30 -0.15 -1.95	10.80 -0.12 -1.56	13.70 -0.09 -1.55	11.36 -0.10 -1.18	10.17 -0.08 -1.14	8.78 -0.11 -1.13
DANSKAMMER___1 23586	25.52 0.87 -13.78	22.11 0.96 -8.93	20.14 0.88 -8.03	18.51 0.70 -8.66	18.96 0.70 -8.89	19.68 0.82 -7.94	20.93 0.77 -10.02	21.15 0.77 -10.36	22.14 1.02 -8.82	21.14 1.04 -7.91	22.06 0.93 -9.94	21.63 0.84 -10.49	21.55 0.72 -12.28	21.53 0.73 -12.15	21.69 0.74 -12.30	22.47 0.73 -13.25	29.57 0.62 -21.69	33.50 0.71 -24.21	37.56 0.69 -28.37	32.46 0.76 -22.34	35.50 0.97 -22.29	28.01 0.82 -16.90	26.25 0.72 -16.41	24.49 0.63 -16.09
DANSKAMMER___2 23589	25.52 0.87 -13.78	22.11 0.96 -8.93	20.14 0.88 -8.03	18.51 0.70 -8.66	18.96 0.70 -8.89	19.68 0.82 -7.94	20.93 0.77 -10.02	21.15 0.77 -10.36	22.14 1.02 -8.82	21.14 1.04 -7.91	22.06 0.93 -9.94	21.63 0.84 -10.49	21.55 0.72 -12.28	21.53 0.73 -12.15	21.69 0.74 -12.30	22.47 0.73 -13.25	29.57 0.62 -21.69	33.50 0.71 -24.21	37.56 0.69 -28.37	32.46 0.76 -22.34	35.50 0.97 -22.29	28.01 0.82 -16.90	26.25 0.72 -16.41	24.49 0.63 -16.09
DANSKAMMER___3 23590	25.52 0.87 -13.78	22.11 0.96 -8.93	20.14 0.88 -8.03	18.51 0.70 -8.66	18.96 0.70 -8.89	19.68 0.82 -7.94	20.93 0.77 -10.02	21.15 0.77 -10.36	22.14 1.02 -8.82	21.14 1.04 -7.91	22.06 0.93 -9.94	21.63 0.84 -10.49	21.55 0.72 -12.28	21.53 0.73 -12.15	21.69 0.74 -12.30	22.47 0.73 -13.25	29.57 0.62 -21.69	33.50 0.71 -24.21	37.56 0.69 -28.37	32.46 0.76 -22.34	35.50 0.97 -22.29	28.01 0.82 -16.90	26.25 0.72 -16.41	24.49 0.63 -16.09
DANSKAMMER___4 23591	25.52 0.87 -13.78	22.11 0.96 -8.93	20.14 0.88 -8.03	18.51 0.70 -8.66	18.96 0.70 -8.89	19.68 0.82 -7.94	20.93 0.77 -10.02	21.15 0.77 -10.36	22.14 1.02 -8.82	21.14 1.04 -7.91	22.06 0.93 -9.94	21.63 0.84 -10.49	21.55 0.72 -12.28	21.53 0.73 -12.15	21.69 0.74 -12.30	22.47 0.73 -13.25	29.57 0.62 -21.69	33.50 0.71 -24.21	37.56 0.69 -28.37	32.46 0.76 -22.34	35.50 0.97 -22.29	28.01 0.82 -16.90	26.25 0.72 -16.41	24.49 0.63 -16.09
DANSKAMMER___DIESEL 23592	25.52 0.87 -13.78	22.11 0.96 -8.93	20.14 0.88 -8.03	18.51 0.70 -8.66	18.96 0.70 -8.89	19.68 0.82 -7.94	20.93 0.77 -10.02	21.14 0.77 -10.35	22.14 1.02 -8.82	21.12 1.02 -7.90	22.05 0.93 -9.94	21.63 0.84 -10.49	21.55 0.72 -12.27	21.52 0.73 -12.15	21.68 0.74 -12.29	22.47 0.73 -13.24	29.57 0.62 -21.68	33.49 0.71 -24.20	37.54 0.69 -28.36	32.45 0.76 -22.33	35.49 0.97 -22.28	28.02 0.84 -16.90	26.27 0.75 -16.41	24.48 0.63 -16.08
DARBY___SOLAR 323810	28.77 0.42 -17.48	24.30 0.46 -11.62	22.09 0.40 -10.45	20.73 0.32 -11.27	21.28 0.35 -11.56	21.65 0.40 -10.33	23.53 0.38 -13.02	23.80 0.33 -13.45	24.17 0.44 -11.43	22.75 0.41 -10.14	24.10 0.44 -12.48	23.92 0.40 -13.22	24.40 0.33 -15.52	24.45 0.33 -15.48	24.58 0.33 -15.60	25.59 0.31 -16.78	33.68 0.28 -26.14	38.12 0.36 -29.18	43.41 0.37 -34.54	38.48 0.42 -28.70	40.69 0.54 -27.91	32.67 0.43 -21.96	30.03 0.35 -20.57	28.91 0.25 -20.90
DASHVILLE___HYD 23610	25.41 0.79 -13.75	22.04 0.87 -8.97	20.09 0.80 -8.07	18.48 0.64 -8.70	18.92 0.63 -8.92	19.62 0.73 -7.97	20.90 0.70 -10.06	21.14 0.73 -10.39	22.13 0.98 -8.85	21.13 1.02 -7.91	21.99 0.89 -9.91	21.58 0.81 -10.46	21.53 0.72 -12.25	21.51 0.72 -12.14	21.66 0.74 -12.28	22.44 0.71 -13.23	29.32 0.61 -21.44	33.20 0.68 -23.94	37.25 0.65 -28.11	32.43 0.70 -22.37	35.35 0.91 -22.20	28.02 0.77 -16.96	26.17 0.70 -16.35	24.50 0.59 -16.15

DEERFIELD_69_KV_DEERFIELD LD 355887	26.91 1.39 -14.66	27.34 1.55 -13.58	23.94 1.43 -11.29	20.26 1.13 -9.98	19.46 1.15 -8.94	20.20 1.30 -7.99	21.50 1.28 -10.08	21.71 1.27 -10.42	23.01 1.66 -9.06	30.95 1.67 -17.09	26.35 1.46 -13.70	26.00 1.40 -14.30	26.90 1.17 -17.18	27.41 1.17 -17.59	26.67 1.17 -16.86	29.90 1.16 -20.25	32.47 1.00 -24.21	41.93 1.19 -32.16	41.58 1.16 -31.92	34.85 1.26 -24.23	36.35 1.60 -22.50	28.65 1.36 -17.01	26.90 1.22 -16.56	25.24 1.01 -16.46
DELAWARE___LFGE 323621	15.98 0.41 -4.71	15.76 0.45 -3.10	14.42 0.40 -2.79	12.47 0.32 -3.00	12.77 0.32 -3.08	14.05 0.38 -2.75	13.95 0.33 -3.47	13.95 0.34 -3.59	15.79 0.44 -3.06	15.37 0.44 -2.73	15.03 0.44 -3.42	14.30 0.39 -3.61	13.10 0.32 -4.23	13.16 0.32 -4.19	13.20 0.32 -4.24	13.38 0.32 -4.56	14.90 0.27 -7.37	17.11 0.31 -8.22	18.46 0.30 -9.66	17.42 0.34 -7.72	20.39 0.50 -7.65	16.53 0.39 -5.86	15.10 0.35 -5.63	13.62 0.28 -5.58
DERFIELD_115KV_TB7 355931	10.89 0.02 0.00	12.23 0.02 0.00	11.24 0.01 0.00	9.15 0.01 0.00	9.37 0.00 0.00	10.93 0.01 0.00	10.14 0.00 0.00	10.02 0.00 0.00	12.31 0.01 0.00	12.21 0.01 0.00	11.21 0.02 0.00	10.32 0.02 0.00	8.57 0.02 0.00	8.66 0.01 0.00	8.66 0.01 0.00	8.50 0.01 0.00	7.27 0.01 0.00	8.59 0.01 0.00	8.50 0.00 0.00	9.37 0.01 0.00	12.27 0.02 0.00	10.29 0.01 0.00	9.13 0.01 0.00	7.77 0.00 0.00
DOGLEVILLE___HYD 23807	10.65 -0.22 0.00	11.98 -0.23 0.00	10.99 -0.24 0.00	8.94 -0.20 0.00	9.16 -0.21 0.00	10.70 -0.22 0.00	9.95 -0.19 0.00	9.84 -0.18 0.00	12.10 -0.20 0.00	11.99 -0.21 0.00	10.96 -0.22 0.00	10.05 -0.25 0.00	8.32 -0.23 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.26 0.00	8.27 -0.31 0.00	8.19 -0.31 0.00	9.06 -0.30 0.00	11.88 -0.37 0.00	10.02 -0.27 0.00	8.90 -0.22 0.00	7.57 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	13.02 -0.01 -2.17	13.62 -0.01 -1.43	12.44 -0.08 -1.28	10.44 -0.08 -1.39	10.68 -0.11 -1.42	12.18 -0.01 -1.28	11.59 -0.16 -1.61	11.43 -0.26 -1.67	13.35 -0.37 -1.43	13.15 -0.32 -1.27	12.62 -0.16 -1.59	11.95 -0.03 -1.68	10.57 0.04 -1.97	10.53 -0.07 -1.95	10.53 -0.10 -1.97	10.55 -0.08 -2.13	10.58 -0.09 -3.41	12.21 -0.17 -3.79	12.72 -0.24 -4.46	12.67 -0.25 -3.56	15.42 -0.36 -3.53	12.61 -0.38 -2.70	11.39 -0.32 -2.60	10.29 -0.05 -2.57
DUNKIRK___1 23563	13.02 -0.01 -2.17	13.62 -0.01 -1.43	12.44 -0.08 -1.28	10.44 -0.08 -1.39	10.68 -0.11 -1.42	12.18 -0.01 -1.28	11.59 -0.16 -1.61	11.43 -0.26 -1.67	13.35 -0.37 -1.43	13.15 -0.32 -1.27	12.62 -0.16 -1.59	11.95 -0.03 -1.68	10.57 0.04 -1.97	10.53 -0.07 -1.95	10.53 -0.10 -1.97	10.55 -0.08 -2.13	10.58 -0.09 -3.41	12.21 -0.17 -3.79	12.72 -0.24 -4.46	12.67 -0.25 -3.56	15.42 -0.36 -3.53	12.61 -0.38 -2.70	11.39 -0.32 -2.60	10.29 -0.05 -2.57
DUNKIRK___2 23564	13.02 -0.01 -2.17	13.62 -0.01 -1.43	12.44 -0.08 -1.28	10.44 -0.08 -1.39	10.68 -0.11 -1.42	12.18 -0.01 -1.28	11.59 -0.16 -1.61	11.43 -0.26 -1.67	13.35 -0.37 -1.43	13.15 -0.32 -1.27	12.62 -0.16 -1.59	11.95 -0.03 -1.68	10.57 0.04 -1.97	10.53 -0.07 -1.95	10.53 -0.10 -1.97	10.55 -0.08 -2.13	10.58 -0.09 -3.41	12.21 -0.17 -3.79	12.72 -0.24 -4.46	12.67 -0.25 -3.56	15.42 -0.36 -3.53	12.61 -0.38 -2.70	11.39 -0.32 -2.60	10.29 -0.05 -2.57
DUNKIRK___3 23565	12.94 -0.08 -2.15	13.55 -0.07 -1.42	12.37 -0.13 -1.27	10.39 -0.13 -1.37	10.62 -0.16 -1.41	12.12 -0.07 -1.26	11.54 -0.20 -1.60	11.38 -0.30 -1.66	13.29 -0.42 -1.41	13.08 -0.38 -1.26	12.55 -0.21 -1.58	11.88 -0.08 -1.67	10.51 0.00 -1.95	10.48 -0.10 -1.94	10.47 -0.13 -1.96	10.49 -0.11 -2.11	10.52 -0.12 -3.38	12.14 -0.21 -3.76	12.65 -0.26 -4.42	12.60 -0.29 -3.53	15.34 -0.40 -3.50	12.55 -0.41 -2.68	11.34 -0.35 -2.57	10.24 -0.08 -2.55
DUNKIRK___4 23566	12.94 -0.08 -2.15	13.55 -0.07 -1.42	12.37 -0.13 -1.27	10.39 -0.13 -1.37	10.62 -0.16 -1.41	12.12 -0.07 -1.26	11.54 -0.20 -1.60	11.38 -0.30 -1.66	13.29 -0.42 -1.41	13.08 -0.38 -1.26	12.55 -0.21 -1.58	11.88 -0.08 -1.67	10.51 0.00 -1.95	10.48 -0.10 -1.94	10.47 -0.13 -1.96	10.49 -0.11 -2.11	10.52 -0.12 -3.38	12.14 -0.21 -3.76	12.65 -0.26 -4.42	12.60 -0.29 -3.53	15.34 -0.40 -3.50	12.55 -0.41 -2.68	11.34 -0.35 -2.57	10.24 -0.08 -2.55
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.85 0.88 -14.10	22.16 0.96 -8.99	20.21 0.90 -8.08	18.58 0.72 -8.71	19.04 0.73 -8.94	19.75 0.85 -7.99	21.02 0.80 -10.08	21.25 0.82 -10.42	22.25 1.08 -8.87	21.24 1.09 -7.96	22.20 0.98 -10.03	21.80 0.92 -10.58	21.71 0.78 -12.38	21.67 0.78 -12.24	21.83 0.79 -12.39	22.61 0.76 -13.35	29.87 0.65 -21.96	33.85 0.76 -24.51	37.94 0.74 -28.70	32.65 0.81 -22.49	35.77 1.04 -22.49	28.13 0.85 -17.00	26.43 0.76 -16.56	24.57 0.62 -16.18
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.96 0.81 -13.28	21.76 0.90 -8.65	19.84 0.83 -7.78	18.20 0.67 -8.39	18.64 0.67 -8.61	19.38 0.78 -7.69	20.58 0.73 -9.70	20.79 0.74 -10.03	21.81 0.97 -8.54	20.83 0.98 -7.66	21.70 0.88 -9.64	21.28 0.81 -10.16	21.14 0.69 -11.89	21.11 0.69 -11.77	21.27 0.71 -11.91	22.02 0.70 -12.83	28.89 0.60 -21.03	32.74 0.69 -23.47	36.65 0.65 -27.50	31.72 0.72 -21.63	34.77 0.93 -21.59	27.44 0.79 -16.37	25.73 0.71 -15.90	23.94 0.59 -15.58
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.95 0.98 -14.11	22.29 1.09 -8.99	20.31 0.99 -8.09	18.67 0.80 -8.72	19.14 0.82 -8.95	19.84 0.93 -7.99	21.08 0.85 -10.09	21.30 0.85 -10.43	22.32 1.14 -8.88	21.30 1.13 -7.97	22.26 1.04 -10.04	21.87 0.98 -10.59	21.77 0.83 -12.39	21.73 0.83 -12.25	21.88 0.84 -12.40	22.67 0.82 -13.36	29.93 0.70 -21.96	33.90 0.82 -24.50	37.99 0.79 -28.70	32.70 0.86 -22.48	35.84 1.10 -22.49	28.20 0.92 -17.00	26.50 0.81 -16.57	24.63 0.68 -16.19
E179THST_13_KV_LOAD 356214	26.00 1.02 -14.11	22.34 1.14 -8.99	20.35 1.03 -8.09	18.70 0.84 -8.72	19.17 0.85 -8.95	19.87 0.96 -7.99	21.12 0.89 -10.09	21.35 0.90 -10.43	22.37 1.19 -8.88	21.36 1.20 -7.97	22.32 1.10 -10.04	21.92 1.03 -10.59	21.81 0.87 -12.39	21.77 0.87 -12.25	21.93 0.88 -12.40	22.71 0.86 -13.36	29.97 0.74 -21.96	33.94 0.86 -24.50	38.04 0.84 -28.70	32.76 0.92 -22.48	35.91 1.18 -22.49	28.24 0.96 -17.00	26.53 0.85 -16.57	24.66 0.71 -16.19
EAST HAMPTON___GT 23717	27.07 1.54 -14.66	27.51 1.72 -13.58	24.09 1.57 -11.29	20.38 1.25 -9.98	19.58 1.27 -8.94	20.35 1.44 -7.99	21.63 1.41 -10.08	21.84 1.40 -10.42	23.18 1.82 -9.06	31.13 1.84 -17.09	26.52 1.63 -13.70	26.16 1.56 -14.30	27.04 1.31 -17.18	27.54 1.30 -17.59	26.81 1.30 -16.86	30.04 1.30 -20.25	32.59 1.11 -24.21	42.08 1.33 -32.16	41.74 1.31 -31.93	35.02 1.42 -24.24	36.56 1.81 -22.51	28.78 1.49 -17.01	27.01 1.32 -16.57	25.36 1.12 -16.47
EAST RIVER___6 23660	25.92 0.96 -14.10	22.23 1.04 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.09 0.86 -10.09	21.33 0.88 -10.43	22.34 1.16 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.90 1.00 -10.60	21.80 0.85 -12.40	21.76 0.85 -12.26	21.91 0.85 -12.41	22.69 0.82 -13.37	29.94 0.70 -21.97	33.92 0.82 -24.52	37.99 0.79 -28.71	32.72 0.86 -22.50	35.84 1.10 -22.49	28.16 0.87 -17.00	26.47 0.78 -16.57	24.60 0.65 -16.18

EAST RIVER___7 23524	25.92 0.96 -14.10	22.23 1.04 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.09 0.86 -10.09	21.33 0.88 -10.43	22.34 1.16 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.90 1.00 -10.60	21.80 0.85 -12.40	21.76 0.85 -12.26	21.91 0.85 -12.41	22.69 0.82 -13.37	29.94 0.70 -21.97	33.92 0.82 -24.52	37.99 0.79 -28.71	32.72 0.86 -22.50	35.84 1.10 -22.49	28.16 0.87 -17.00	26.47 0.78 -16.57	24.60 0.65 -16.18
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.81 0.86 -14.09	22.12 0.94 -8.97	20.17 0.88 -8.06	18.54 0.70 -8.70	19.00 0.71 -8.92	19.72 0.83 -7.97	20.98 0.78 -10.06	21.20 0.79 -10.40	22.20 1.05 -8.86	21.19 1.05 -7.94	22.15 0.95 -10.01	21.74 0.89 -10.56	21.66 0.75 -12.35	21.62 0.75 -12.22	21.78 0.76 -12.37	22.56 0.74 -13.33	29.81 0.63 -21.91	33.77 0.73 -24.46	37.85 0.71 -28.64	32.58 0.78 -22.44	35.69 1.00 -22.44	28.08 0.83 -16.96	26.38 0.74 -16.53	24.52 0.61 -16.15
EAST_HAMPTON___DIESEL 23722	27.07 1.54 -14.66	27.51 1.72 -13.58	24.09 1.57 -11.29	20.38 1.25 -9.98	19.58 1.27 -8.94	20.35 1.44 -7.99	21.63 1.41 -10.08	21.84 1.40 -10.42	23.18 1.82 -9.06	31.13 1.84 -17.09	26.52 1.63 -13.70	26.16 1.56 -14.30	27.05 1.32 -17.18	27.54 1.30 -17.59	26.81 1.30 -16.86	30.05 1.31 -20.25	32.59 1.11 -24.21	42.09 1.34 -32.16	41.74 1.31 -31.93	35.02 1.42 -24.24	36.56 1.81 -22.51	28.78 1.49 -17.01	27.01 1.32 -16.57	25.36 1.12 -16.47
EAST_PULASKI___ESR 323781	11.80 -0.15 -1.09	12.74 -0.18 -0.72	11.70 -0.18 -0.65	9.67 -0.16 -0.70	9.90 -0.18 -0.71	11.37 -0.19 -0.64	10.75 -0.19 -0.81	10.65 -0.20 -0.83	12.76 -0.25 -0.71	12.56 -0.27 -0.63	11.77 -0.20 -0.79	10.94 -0.20 -0.84	9.38 -0.15 -0.98	9.46 -0.16 -0.97	9.46 -0.17 -0.98	9.38 -0.17 -1.06	8.84 -0.13 -1.71	10.32 -0.17 -1.91	10.58 -0.16 -2.24	10.99 -0.16 -1.79	13.86 -0.16 -1.77	11.48 -0.16 -1.36	10.29 -0.13 -1.31	8.94 -0.12 -1.29
EAST_RIVER___1 323558	25.93 0.97 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.10 0.80 -8.94	19.84 0.93 -7.99	21.10 0.87 -10.09	21.34 0.89 -10.43	22.36 1.17 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.89 0.99 -10.60	21.79 0.84 -12.40	21.75 0.84 -12.26	21.91 0.85 -12.41	22.69 0.82 -13.37	29.94 0.70 -21.97	33.92 0.82 -24.52	38.00 0.80 -28.71	32.72 0.86 -22.50	35.85 1.11 -22.49	28.18 0.89 -17.00	26.48 0.80 -16.57	24.62 0.67 -16.18
EAST_RIVER___2 323559	25.92 0.96 -14.10	22.23 1.04 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.09 0.86 -10.09	21.33 0.88 -10.43	22.34 1.16 -8.89	21.34 1.17 -7.98	22.30 1.06 -10.05	21.90 1.00 -10.60	21.80 0.85 -12.40	21.76 0.85 -12.26	21.91 0.85 -12.41	22.69 0.82 -13.37	29.94 0.70 -21.97	33.92 0.82 -24.52	37.99 0.79 -28.71	32.72 0.86 -22.50	35.84 1.10 -22.49	28.16 0.87 -17.00	26.47 0.78 -16.57	24.60 0.65 -16.18
EAST___DELAWARE_HYD 23607	22.83 0.77 -11.19	20.36 0.84 -7.31	18.57 0.76 -6.57	16.83 0.60 -7.09	17.25 0.61 -7.27	18.11 0.70 -6.50	19.00 0.66 -8.20	19.17 0.68 -8.48	20.40 0.89 -7.22	19.56 0.90 -6.46	20.09 0.79 -8.11	19.60 0.74 -8.56	19.21 0.63 -10.02	19.20 0.63 -9.92	19.33 0.64 -10.04	19.95 0.64 -10.81	25.44 0.55 -17.62	28.87 0.62 -19.67	32.18 0.60 -23.07	28.29 0.66 -18.26	31.29 0.87 -18.17	24.85 0.74 -13.83	23.15 0.65 -13.38	21.49 0.56 -13.17
EIGHT_POINT___WT_PWR 323820	13.70 0.24 -2.60	14.19 0.27 -1.71	12.99 0.22 -1.54	10.94 0.14 -1.66	11.19 0.12 -1.70	12.68 0.24 -1.52	12.17 0.11 -1.92	12.05 0.05 -1.98	14.02 0.04 -1.69	13.75 0.05 -1.51	13.25 0.18 -1.88	12.54 0.25 -1.99	11.11 0.22 -2.33	11.14 0.18 -2.31	11.15 0.16 -2.34	11.17 0.16 -2.52	11.46 0.13 -4.07	13.25 0.13 -4.54	13.93 0.09 -5.33	13.73 0.10 -4.26	16.63 0.16 -4.22	13.59 0.07 -3.23	12.28 0.06 -3.11	11.02 0.17 -3.08
ELBRIDGE_115KV_TB2 80188	12.30 -0.07 -1.50	13.11 -0.09 -0.99	12.04 -0.08 -0.89	10.01 -0.09 -0.96	10.25 -0.10 -0.98	11.72 -0.08 -0.88	11.15 -0.10 -1.11	11.05 -0.11 -1.15	13.14 -0.14 -0.98	12.92 -0.15 -0.87	12.21 -0.07 -1.09	11.41 -0.04 -1.15	9.87 -0.03 -1.35	9.96 -0.03 -1.34	9.97 -0.03 -1.35	9.93 -0.03 -1.46	9.60 -0.01 -2.35	11.18 -0.03 -2.63	11.54 -0.04 -3.09	11.76 -0.07 -2.47	14.64 -0.05 -2.44	12.10 -0.05 -1.87	10.85 -0.06 -1.80	9.52 -0.03 -1.78
ELEC_TRO_TEK 24086	26.59 1.06 -14.66	26.96 1.17 -13.58	23.61 1.09 -11.29	20.00 0.88 -9.98	19.20 0.89 -8.94	19.92 1.02 -7.99	21.20 0.97 -10.08	21.43 0.99 -10.42	22.64 1.29 -9.06	30.56 1.28 -17.09	26.01 1.13 -13.70	25.64 1.04 -14.30	26.61 0.88 -17.18	27.12 0.88 -17.59	26.40 0.89 -16.86	29.60 0.87 -20.24	32.21 0.75 -24.20	41.61 0.88 -32.15	41.25 0.83 -31.92	34.49 0.91 -24.23	35.90 1.16 -22.49	28.26 0.98 -17.00	26.56 0.88 -16.56	24.98 0.75 -16.46
ELLENBURG_WT_PWR 323604	10.66 -0.21 0.00	12.05 -0.16 0.00	11.16 -0.07 0.00	9.13 -0.01 0.00	9.39 0.03 0.00	10.93 0.01 0.00	10.21 0.07 0.00	10.04 0.02 0.00	12.25 -0.05 0.00	12.01 -0.18 0.00	10.69 -0.49 0.00	9.71 -0.59 0.00	7.99 -0.56 0.00	8.06 -0.59 0.00	8.07 -0.58 0.00	7.94 -0.55 0.00	6.78 -0.49 0.00	8.11 -0.47 0.00	8.12 -0.37 0.00	9.02 -0.34 0.00	11.89 -0.36 0.00	10.04 -0.25 0.00	8.95 -0.16 0.00	7.67 -0.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.77 -0.20 -2.10	13.37 -0.22 -1.38	12.22 -0.25 -1.24	10.25 -0.23 -1.34	10.49 -0.25 -1.37	11.98 -0.17 -1.23	11.40 -0.30 -1.56	11.24 -0.40 -1.62	13.12 -0.55 -1.38	12.92 -0.51 -1.23	12.40 -0.32 -1.54	11.72 -0.21 -1.63	10.36 -0.09 -1.91	10.36 -0.18 -1.89	10.36 -0.20 -1.91	10.37 -0.18 -2.06	10.39 -0.17 -3.30	11.99 -0.27 -3.67	12.48 -0.33 -4.31	12.45 -0.36 -3.44	15.15 -0.50 -3.41	12.41 -0.48 -2.61	11.23 -0.40 -2.51	10.14 -0.12 -2.49
EMPIRE_CC_1 323656	27.21 0.22 -16.13	23.33 0.31 -10.82	21.24 0.28 -9.73	19.86 0.23 -10.49	20.36 0.23 -10.76	20.82 0.28 -9.62	22.57 0.29 -12.14	22.82 0.26 -12.54	23.26 0.34 -10.62	21.84 0.34 -9.30	22.60 0.31 -11.10	22.43 0.30 -11.83	22.76 0.25 -13.96	22.95 0.24 -14.06	22.98 0.23 -14.09	23.86 0.23 -15.14	29.38 0.20 -21.92	33.29 0.24 -24.47	38.16 0.24 -29.43	36.00 0.26 -26.38	37.34 0.33 -24.77	31.03 0.28 -20.47	27.60 0.22 -18.27	27.40 0.15 -19.49
EMPIRE_CC_2 323658	27.21 0.22 -16.13	23.33 0.31 -10.82	21.24 0.28 -9.73	19.86 0.23 -10.49	20.36 0.23 -10.76	20.82 0.28 -9.62	22.57 0.29 -12.14	22.82 0.26 -12.54	23.26 0.34 -10.62	21.84 0.34 -9.30	22.60 0.31 -11.10	22.43 0.30 -11.83	22.76 0.25 -13.96	22.95 0.24 -14.06	22.98 0.23 -14.09	23.86 0.23 -15.14	29.38 0.20 -21.92	33.29 0.24 -24.47	38.16 0.24 -29.43	36.00 0.26 -26.38	37.34 0.33 -24.77	31.03 0.28 -20.47	27.60 0.22 -18.27	27.40 0.15 -19.49
ENORWICH_115KV_TB1 80156	15.27 0.78 -3.63	15.50 0.90 -2.39	14.16 0.79 -2.15	12.06 0.60 -2.31	12.36 0.62 -2.37	13.77 0.73 -2.12	13.44 0.62 -2.68	13.41 0.62 -2.77	15.40 0.75 -2.36	14.95 0.65 -2.11	14.48 0.66 -2.63	13.64 0.56 -2.78	12.18 0.37 -3.26	12.27 0.39 -3.23	12.30 0.39 -3.27	12.43 0.42 -3.52	13.28 0.34 -5.68	15.37 0.45 -6.34	16.42 0.48 -7.45	15.92 0.61 -5.95	19.13 0.99 -5.89	15.57 0.77 -4.52	14.13 0.67 -4.34	12.53 0.47 -4.30

ERIE_ST__34_KV_TB1-2 80199	12.81 -0.23 -2.18	13.40 -0.24 -1.43	12.23 -0.29 -1.29	10.28 -0.26 -1.39	10.50 -0.29 -1.43	11.98 -0.22 -1.28	11.41 -0.34 -1.62	11.27 -0.43 -1.68	13.16 -0.57 -1.43	12.95 -0.52 -1.28	12.43 -0.35 -1.60	11.77 -0.22 -1.69	10.42 -0.11 -1.98	10.39 -0.22 -1.96	10.40 -0.23 -1.98	10.43 -0.20 -2.13	10.49 -0.20 -3.43	12.10 -0.29 -3.81	12.62 -0.35 -4.47	12.56 -0.37 -3.57	15.27 -0.51 -3.54	12.49 -0.50 -2.71	11.29 -0.43 -2.60	10.18 -0.16 -2.58
ERIE_WT_PWR 323693	12.86 -0.15 -2.15	13.45 -0.17 -1.41	12.29 -0.21 -1.27	10.31 -0.20 -1.37	10.55 -0.22 -1.41	12.03 -0.14 -1.26	11.46 -0.27 -1.59	11.29 -0.37 -1.64	13.19 -0.50 -1.40	12.97 -0.48 -1.25	12.45 -0.29 -1.56	11.78 -0.17 -1.65	10.42 -0.06 -1.93	10.40 -0.16 -1.91	10.40 -0.18 -1.93	10.42 -0.16 -2.08	10.47 -0.16 -3.36	12.09 -0.25 -3.76	12.60 -0.31 -4.41	12.56 -0.33 -3.53	15.28 -0.45 -3.49	12.49 -0.47 -2.68	11.29 -0.39 -2.57	10.21 -0.10 -2.55
ESPRGFLD_115KV_TB1 80157	8.35 0.84 3.35	10.97 0.92 2.16	10.11 0.82 1.94	7.70 0.65 2.09	7.89 0.67 2.15	9.79 0.79 1.92	8.42 0.71 2.43	8.20 0.69 2.51	11.04 0.89 2.14	11.10 0.85 1.94	9.52 0.85 2.51	8.42 0.75 2.64	6.07 0.59 3.07	6.24 0.61 3.01	6.20 0.61 3.07	5.80 0.61 3.31	2.07 0.53 5.72	2.81 0.62 6.39	1.71 0.62 7.41	4.60 0.73 5.49	7.63 1.03 5.64	7.00 0.81 4.10	5.68 0.71 4.15	4.43 0.57 3.90
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.87 0.24 -2.77	14.30 0.27 -1.82	13.10 0.24 -1.64	11.07 0.16 -1.77	11.34 0.16 -1.81	12.77 0.23 -1.62	12.35 0.16 -2.04	12.28 0.15 -2.11	14.28 0.18 -1.80	13.96 0.16 -1.61	13.41 0.21 -2.01	12.63 0.21 -2.12	11.19 0.15 -2.49	11.27 0.16 -2.47	11.30 0.16 -2.49	11.36 0.18 -2.68	11.76 0.16 -4.33	13.61 0.19 -4.84	14.37 0.19 -5.68	14.11 0.21 -4.54	17.07 0.33 -4.50	13.98 0.25 -3.45	12.64 0.21 -3.31	11.23 0.18 -3.28
ETNA____115KV_TB2 80207	13.87 0.24 -2.77	14.30 0.27 -1.82	13.10 0.24 -1.64	11.07 0.16 -1.77	11.34 0.16 -1.81	12.77 0.23 -1.62	12.35 0.16 -2.04	12.28 0.15 -2.11	14.28 0.18 -1.80	13.96 0.16 -1.61	13.41 0.21 -2.01	12.63 0.21 -2.12	11.19 0.15 -2.49	11.27 0.16 -2.47	11.30 0.16 -2.49	11.36 0.18 -2.68	11.76 0.16 -4.33	13.61 0.19 -4.84	14.37 0.19 -5.68	14.11 0.21 -4.54	17.07 0.33 -4.50	13.98 0.25 -3.45	12.64 0.21 -3.31	11.23 0.18 -3.28
EUCLID____115KV_TB2 356179	11.93 -0.16 -1.23	12.83 -0.18 -0.81	11.78 -0.18 -0.73	9.76 -0.16 -0.79	9.99 -0.18 -0.81	11.46 -0.17 -0.72	10.86 -0.19 -0.91	10.76 -0.20 -0.94	12.85 -0.25 -0.80	12.67 -0.24 -0.71	11.91 -0.17 -0.89	11.11 -0.13 -0.94	9.56 -0.10 -1.10	9.64 -0.10 -1.10	9.65 -0.10 -1.11	9.59 -0.10 -1.19	9.11 -0.11 -1.93	10.62 -0.11 -2.15	10.91 -0.12 -2.53	11.24 -0.14 -2.02	14.09 -0.16 -2.00	11.66 -0.15 -1.53	10.44 -0.15 -1.47	9.13 -0.10 -1.46
E_CANADA_CAP_HY 24051	33.26 1.03 -21.36	27.44 1.12 -14.11	24.93 1.01 -12.69	23.63 0.80 -13.68	24.25 0.84 -14.04	24.44 0.98 -12.54	26.86 0.89 -15.83	27.21 0.83 -16.36	27.28 1.07 -13.91	25.61 1.02 -12.39	27.59 1.02 -15.39	27.48 0.91 -16.27	28.36 0.73 -19.08	28.36 0.74 -18.97	28.55 0.75 -19.15	29.87 0.76 -20.62	40.71 0.65 -32.79	45.96 0.77 -36.60	52.43 0.78 -43.15	45.33 0.91 -35.06	47.96 1.26 -34.45	37.98 1.00 -26.70	35.35 0.86 -25.38	33.87 0.69 -25.41
E_CANADA_MHWK_HY 24050	10.65 -0.22 0.00	11.98 -0.23 0.00	10.99 -0.24 0.00	8.94 -0.20 0.00	9.16 -0.21 0.00	10.70 -0.22 0.00	9.95 -0.19 0.00	9.84 -0.18 0.00	12.10 -0.20 0.00	11.99 -0.21 0.00	10.96 -0.22 0.00	10.05 -0.25 0.00	8.32 -0.23 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.26 0.00	8.27 -0.31 0.00	8.19 -0.31 0.00	9.06 -0.30 0.00	11.88 -0.37 0.00	10.02 -0.27 0.00	8.90 -0.22 0.00	7.57 -0.19 0.00
E_FISHKILL____LBMP 23776	25.87 0.74 -14.27	22.19 0.82 -9.17	20.22 0.75 -8.24	18.63 0.60 -8.89	19.10 0.61 -9.12	19.77 0.71 -8.15	21.09 0.67 -10.28	21.32 0.68 -10.63	22.23 0.89 -9.05	21.21 0.89 -8.12	22.24 0.82 -10.24	21.84 0.75 -10.79	21.82 0.64 -12.63	21.78 0.64 -12.49	21.94 0.65 -12.64	22.75 0.63 -13.62	30.20 0.54 -22.40	34.22 0.63 -25.01	38.38 0.60 -29.28	32.96 0.66 -22.94	36.05 0.86 -22.94	28.33 0.71 -17.34	26.64 0.63 -16.90	24.79 0.52 -16.51
FALCON____SEABRD_CC1 323796	10.77 -0.10 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.22 0.08 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.30 0.28 0.00	12.55 0.26 0.00	12.32 0.12 0.00	10.89 -0.29 0.00	9.91 -0.39 0.00	8.13 -0.42 0.00	8.20 -0.45 0.00	8.21 -0.44 0.00	8.09 -0.41 0.00	6.90 -0.36 0.00	8.28 -0.30 0.00	8.31 -0.19 0.00	9.23 -0.13 0.00	12.00 -0.24 0.00	10.13 -0.15 0.00	9.03 -0.08 0.00	7.74 -0.03 0.00
FALCON____SEABRD_CC2 323797	10.77 -0.10 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.22 0.08 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.30 0.28 0.00	12.55 0.26 0.00	12.32 0.12 0.00	10.89 -0.29 0.00	9.91 -0.39 0.00	8.13 -0.42 0.00	8.20 -0.45 0.00	8.21 -0.44 0.00	8.09 -0.41 0.00	6.90 -0.36 0.00	8.28 -0.30 0.00	8.31 -0.19 0.00	9.23 -0.13 0.00	12.00 -0.24 0.00	10.13 -0.15 0.00	9.03 -0.08 0.00	7.74 -0.03 0.00
FAR ROCKAWAY____4 23548	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.11 0.99 -9.98	19.30 0.99 -8.94	20.03 1.12 -7.99	21.30 1.08 -10.08	21.53 1.09 -10.42	22.77 1.41 -9.06	30.70 1.41 -17.09	26.16 1.27 -13.70	25.76 1.16 -14.30	26.73 1.00 -17.18	27.23 0.99 -17.59	26.51 1.00 -16.86	29.75 1.01 -20.24	32.33 0.86 -24.20	41.66 0.93 -32.15	41.30 0.88 -31.92	34.55 0.96 -24.23	35.98 1.24 -22.49	28.41 1.12 -17.00	26.69 1.01 -16.56	25.07 0.84 -16.46
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.09	18.66 0.80 -8.72	19.10 0.80 -8.94	19.84 0.93 -7.99	21.10 0.87 -10.08	21.34 0.89 -10.43	22.37 1.18 -8.89	21.35 1.18 -7.98	22.31 1.07 -10.05	21.90 1.00 -10.60	21.79 0.85 -12.39	21.75 0.85 -12.26	21.90 0.85 -12.41	22.68 0.82 -13.37	29.94 0.70 -21.97	33.92 0.82 -24.51	37.99 0.80 -28.70	32.72 0.87 -22.49	35.85 1.11 -22.49	28.20 0.93 -17.00	26.50 0.82 -16.56	24.62 0.68 -16.18
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.09	18.66 0.80 -8.72	19.10 0.80 -8.94	19.85 0.94 -7.99	21.10 0.87 -10.08	21.34 0.89 -10.43	22.37 1.18 -8.89	21.35 1.18 -7.98	22.31 1.07 -10.05	21.90 1.00 -10.60	21.79 0.85 -12.39	21.75 0.85 -12.26	21.90 0.85 -12.41	22.68 0.82 -13.37	29.94 0.70 -21.97	33.92 0.82 -24.51	37.99 0.80 -28.70	32.72 0.87 -22.49	35.86 1.13 -22.49	28.20 0.93 -17.00	26.50 0.82 -16.56	24.62 0.68 -16.18
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.10 0.80 -8.94	19.84 0.93 -7.99	21.10 0.87 -10.08	21.34 0.89 -10.43	22.35 1.17 -8.89	21.34 1.17 -7.98	22.29 1.06 -10.05	21.89 0.99 -10.60	21.79 0.84 -12.39	21.75 0.84 -12.26	21.90 0.85 -12.41	22.68 0.82 -13.37	29.93 0.70 -21.97	33.91 0.82 -24.51	37.98 0.79 -28.70	32.71 0.86 -22.49	35.85 1.11 -22.49	28.19 0.92 -17.00	26.49 0.81 -16.56	24.61 0.67 -16.18

FARRAGUT___LBMP 323566	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.64 0.78 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.09 0.86 -10.08	21.33 0.88 -10.43	22.34 1.16 -8.89	21.33 1.16 -7.98	22.28 1.05 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.39	21.74 0.83 -12.26	21.90 0.84 -12.41	22.68 0.82 -13.37	29.92 0.69 -21.97	33.90 0.81 -24.51	37.98 0.78 -28.70	32.70 0.85 -22.49	35.83 1.10 -22.49	28.18 0.90 -17.00	26.48 0.80 -16.56	24.61 0.66 -16.18
FENNER___WINDPWR 24204	12.59 0.15 -1.57	13.41 0.17 -1.03	12.31 0.15 -0.93	10.24 0.10 -1.00	10.49 0.09 -1.03	11.97 0.13 -0.92	11.39 0.09 -1.16	11.31 0.09 -1.20	13.43 0.11 -1.02	13.20 0.10 -0.91	12.46 0.13 -1.14	11.63 0.12 -1.20	10.05 0.09 -1.41	10.12 0.07 -1.40	10.13 0.07 -1.41	10.09 0.08 -1.52	9.79 0.07 -2.46	11.41 0.09 -2.75	11.82 0.09 -3.23	12.05 0.11 -2.58	15.01 0.21 -2.55	12.38 0.14 -1.96	11.11 0.12 -1.88	9.71 0.09 -1.86
FIBERTEK___ENERGY 23856	12.25 -0.04 -1.43	13.09 -0.06 -0.94	12.02 -0.06 -0.85	9.98 -0.07 -0.91	10.22 -0.08 -0.94	11.69 -0.07 -0.84	11.11 -0.09 -1.06	11.01 -0.10 -1.09	13.11 -0.11 -0.93	12.90 -0.12 -0.83	12.18 -0.04 -1.04	11.38 -0.02 -1.10	9.82 -0.02 -1.28	9.92 0.00 -1.27	9.93 0.00 -1.29	9.88 0.00 -1.39	9.50 0.00 -2.24	11.08 -0.01 -2.50	11.42 -0.02 -2.94	11.67 -0.04 -2.35	14.56 -0.01 -2.33	12.03 -0.03 -1.78	10.79 -0.04 -1.71	9.45 -0.02 -1.70
FITZPATRICK____ 23598	11.54 -0.33 -1.00	12.48 -0.38 -0.66	11.47 -0.35 -0.59	9.48 -0.30 -0.64	9.70 -0.32 -0.65	11.16 -0.34 -0.58	10.53 -0.34 -0.74	10.43 -0.35 -0.76	12.51 -0.43 -0.65	12.35 -0.43 -0.58	11.56 -0.35 -0.72	10.76 -0.30 -0.76	9.21 -0.24 -0.89	9.29 -0.25 -0.89	9.29 -0.25 -0.90	9.21 -0.25 -0.97	8.62 -0.20 -1.56	10.07 -0.26 -1.74	10.28 -0.26 -2.04	10.70 -0.29 -1.63	13.50 -0.37 -1.62	11.19 -0.33 -1.24	10.02 -0.29 -1.19	8.72 -0.23 -1.18
FLOWRFLD_69_KV_BK1 356044	26.78 1.26 -14.66	27.21 1.42 -13.58	23.82 1.30 -11.29	20.18 1.05 -9.98	19.38 1.07 -8.94	20.12 1.21 -7.99	21.40 1.18 -10.08	21.62 1.18 -10.42	22.89 1.54 -9.06	30.80 1.51 -17.09	26.20 1.32 -13.70	25.85 1.25 -14.30	26.77 1.03 -17.18	27.27 1.03 -17.59	26.54 1.04 -16.86	29.75 1.01 -20.24	32.33 0.86 -24.20	41.74 1.00 -32.15	41.39 0.97 -31.92	34.65 1.06 -24.23	36.12 1.38 -22.50	28.45 1.16 -17.00	26.76 1.08 -16.56	25.14 0.91 -16.46
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.61 0.89 -13.85	22.17 0.99 -8.97	20.18 0.89 -8.06	18.55 0.71 -8.70	19.01 0.72 -8.92	19.73 0.84 -7.97	20.98 0.78 -10.06	21.20 0.79 -10.40	22.18 1.03 -8.86	21.18 1.05 -7.93	22.10 0.94 -9.98	21.68 0.85 -10.53	21.61 0.74 -12.32	21.58 0.74 -12.19	21.74 0.75 -12.34	22.53 0.74 -13.30	29.67 0.64 -21.77	33.62 0.73 -24.30	37.67 0.70 -28.48	32.55 0.77 -22.42	35.60 0.98 -22.37	28.10 0.85 -16.96	26.35 0.76 -16.47	24.55 0.64 -16.15
FORT ORANGE____ 23900	27.88 0.23 -16.79	23.61 0.27 -11.14	21.48 0.24 -10.01	20.13 0.19 -10.80	20.65 0.21 -11.08	21.06 0.25 -9.90	22.86 0.22 -12.49	23.13 0.20 -12.91	23.53 0.27 -10.97	22.19 0.27 -9.73	23.42 0.27 -11.97	23.24 0.26 -12.68	23.66 0.21 -14.89	23.70 0.21 -14.85	23.81 0.20 -14.97	24.79 0.20 -16.10	32.50 0.17 -25.06	36.77 0.21 -27.98	41.84 0.21 -33.13	37.15 0.24 -27.54	39.31 0.29 -26.77	31.60 0.25 -21.07	29.04 0.20 -19.73	27.96 0.13 -20.06
FORT_DRUM_COGEN 23780	11.60 -0.02 -0.75	12.69 -0.01 -0.50	11.63 -0.04 -0.45	9.57 -0.05 -0.48	9.80 -0.06 -0.49	11.28 -0.08 -0.44	10.61 -0.09 -0.56	10.50 -0.09 -0.58	12.66 -0.12 -0.49	12.43 -0.21 -0.44	11.51 -0.22 -0.55	10.62 -0.26 -0.58	9.00 -0.23 -0.68	9.04 -0.28 -0.67	9.03 -0.29 -0.68	8.95 -0.27 -0.73	8.23 -0.22 -1.18	9.69 -0.21 -1.32	9.92 -0.13 -1.55	10.53 -0.07 -1.24	13.50 0.02 -1.23	11.21 -0.01 -0.94	10.01 -0.01 -0.90	8.57 -0.09 -0.89
FPL_FAR_ROCK_GT1 24212	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.11 0.99 -9.98	19.30 0.99 -8.94	20.03 1.12 -7.99	21.30 1.07 -10.08	21.53 1.09 -10.42	22.77 1.41 -9.06	30.70 1.41 -17.09	26.16 1.27 -13.70	25.77 1.16 -14.30	26.73 1.00 -17.18	27.23 0.99 -17.59	26.51 1.00 -16.86	29.75 1.01 -20.25	32.34 0.86 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.23	35.98 1.24 -22.50	28.39 1.10 -17.01	26.67 0.98 -16.57	25.08 0.84 -16.47
FPL_FAR_ROCK_GT2 23815	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.11 0.99 -9.98	19.30 0.99 -8.94	20.03 1.12 -7.99	21.30 1.07 -10.08	21.53 1.09 -10.42	22.77 1.41 -9.06	30.70 1.41 -17.09	26.16 1.27 -13.70	25.77 1.16 -14.30	26.73 1.00 -17.18	27.23 0.99 -17.59	26.51 1.00 -16.86	29.75 1.01 -20.25	32.34 0.86 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.23	35.98 1.24 -22.50	28.39 1.10 -17.01	26.67 0.98 -16.57	25.08 0.84 -16.47
FRANKLIN_FALL_HYD 24054	10.63 -0.24 0.00	12.01 -0.20 0.00	11.12 -0.11 0.00	9.08 -0.06 0.00	9.34 -0.03 0.00	10.85 0.07 0.00	10.16 0.02 0.00	10.02 0.00 0.00	12.23 -0.06 0.00	12.02 -0.17 0.00	10.69 -0.49 0.00	9.76 -0.54 0.00	8.03 -0.52 0.00	8.10 -0.54 0.00	8.11 -0.54 0.00	7.99 -0.51 0.00	6.82 -0.44 0.00	8.16 -0.42 0.00	8.17 -0.33 0.00	9.06 -0.30 0.00	11.89 -0.36 0.00	10.03 -0.26 0.00	8.92 -0.20 0.00	7.62 -0.15 0.00
FREEPORT_EQUS_GT1 23764	26.65 1.13 -14.66	27.04 1.25 -13.58	23.68 1.17 -11.29	20.06 0.93 -9.98	19.25 0.95 -8.94	19.99 1.08 -7.99	21.26 1.03 -10.08	21.49 1.05 -10.42	22.71 1.35 -9.06	30.64 1.35 -17.09	26.08 1.20 -13.70	25.71 1.10 -14.30	26.67 0.93 -17.18	27.18 0.94 -17.59	26.45 0.94 -16.86	29.67 0.93 -20.25	32.27 0.80 -24.21	41.68 0.94 -32.16	41.32 0.89 -31.93	34.57 0.97 -24.23	36.00 1.25 -22.50	28.32 1.03 -17.01	26.61 0.92 -16.57	25.04 0.80 -16.47
FREEPORT___CT2 23818	26.65 1.13 -14.66	27.04 1.25 -13.58	23.68 1.17 -11.29	20.06 0.93 -9.98	19.25 0.95 -8.94	19.99 1.08 -7.99	21.26 1.03 -10.08	21.49 1.05 -10.42	22.71 1.35 -9.06	30.64 1.35 -17.09	26.08 1.20 -13.70	25.71 1.10 -14.30	26.67 0.93 -17.18	27.18 0.94 -17.59	26.45 0.94 -16.86	29.67 0.93 -20.25	32.27 0.80 -24.21	41.68 0.94 -32.16	41.32 0.89 -31.93	34.57 0.97 -24.23	36.00 1.25 -22.50	28.32 1.03 -17.01	26.61 0.92 -16.57	25.04 0.80 -16.47
FRESHKLS_33_KV_LOAD 356253	26.04 1.06 -14.11	22.35 1.15 -8.99	20.42 1.10 -8.09	18.74 0.88 -8.72	19.20 0.88 -8.95	19.89 0.98 -7.99	21.12 0.89 -10.09	21.31 0.86 -10.43	22.33 1.14 -8.90	21.31 1.13 -7.98	22.29 1.05 -10.05	21.90 0.99 -10.61	24.13 0.83 -14.75	21.74 0.82 -12.27	21.94 0.88 -12.41	22.72 0.86 -13.37	29.95 0.72 -21.96	33.93 0.84 -24.50	38.03 0.83 -28.70	32.76 0.90 -22.50	35.87 1.14 -22.49	28.28 1.00 -17.00	26.58 0.89 -16.57	24.68 0.73 -16.19
FULTON COGEN____ 23766	11.84 -0.22 -1.19	12.74 -0.26 -0.79	11.70 -0.24 -0.71	9.69 -0.21 -0.76	9.92 -0.22 -0.78	11.39 -0.23 -0.70	10.77 -0.25 -0.88	10.67 -0.26 -0.91	12.76 -0.31 -0.78	12.57 -0.32 -0.69	11.83 -0.22 -0.87	11.02 -0.20 -0.92	9.47 -0.15 -1.07	9.56 -0.16 -1.06	9.57 -0.16 -1.07	9.50 -0.15 -1.16	9.01 -0.12 -1.87	10.51 -0.16 -2.09	10.79 -0.16 -2.45	11.12 -0.20 -1.96	13.97 -0.22 -1.94	11.58 -0.20 -1.49	10.36 -0.18 -1.43	9.04 -0.14 -1.42



FULTON___LFGE 323630	32.13 1.16 -20.10	26.76 1.26 -13.29	24.29 1.11 -11.95	22.93 0.90 -12.89	23.52 0.94 -13.22	23.81 1.08 -11.81	26.03 0.97 -14.91	26.30 0.87 -15.41	26.53 1.13 -13.10	24.95 1.09 -11.67	26.77 1.12 -14.47	26.59 0.99 -15.30	27.27 0.77 -17.95	27.31 0.81 -17.85	27.49 0.83 -18.02	28.73 0.84 -19.39	38.74 0.72 -30.76	43.82 0.90 -34.33	49.94 0.94 -40.49	43.48 1.11 -33.00	46.06 1.43 -32.39	36.56 1.13 -25.15	33.93 0.96 -23.86	32.47 0.76 -23.94
G.F.CEMENT___DRP 24184	28.89 0.39 -17.63	24.32 0.40 -11.71	22.11 0.35 -10.53	20.77 0.27 -11.36	21.32 0.30 -11.65	21.67 0.34 -10.41	23.59 0.32 -13.12	23.84 0.26 -13.56	24.20 0.38 -11.52	22.79 0.37 -10.23	24.21 0.41 -12.61	24.02 0.37 -13.35	24.53 0.30 -15.68	24.57 0.30 -15.62	24.69 0.29 -15.75	25.73 0.28 -16.95	34.02 0.25 -26.50	38.51 0.34 -29.59	43.85 0.36 -35.00	38.74 0.42 -28.95	40.97 0.51 -28.21	32.81 0.40 -22.13	30.21 0.31 -20.79	29.04 0.21 -21.06
GARDENVILLE___LBMP 24039	12.83 -0.17 -2.13	13.42 -0.20 -1.40	12.26 -0.24 -1.26	10.29 -0.21 -1.36	10.52 -0.24 -1.40	12.01 -0.16 -1.26	11.43 -0.29 -1.58	11.27 -0.39 -1.65	13.17 -0.53 -1.40	12.95 -0.50 -1.25	12.44 -0.31 -1.57	11.77 -0.19 -1.65	10.41 -0.08 -1.94	10.40 -0.17 -1.92	10.40 -0.19 -1.94	10.42 -0.17 -2.09	10.45 -0.17 -3.36	12.06 -0.26 -3.73	12.57 -0.31 -4.38	12.52 -0.35 -3.50	15.24 -0.48 -3.47	12.47 -0.47 -2.66	11.28 -0.39 -2.55	10.19 -0.11 -2.53
GARDNVLA_35_KV_LD 355827	12.88 -0.14 -2.15	13.48 -0.15 -1.42	12.31 -0.19 -1.28	10.33 -0.18 -1.38	10.56 -0.22 -1.41	12.06 -0.12 -1.27	11.49 -0.25 -1.60	11.33 -0.35 -1.66	13.22 -0.49 -1.42	13.01 -0.45 -1.26	12.50 -0.27 -1.58	11.83 -0.14 -1.67	10.47 -0.04 -1.96	10.44 -0.15 -1.94	10.44 -0.16 -1.96	10.47 -0.14 -2.11	10.52 -0.14 -3.39	12.13 -0.22 -3.77	12.63 -0.29 -4.43	12.59 -0.31 -3.54	15.32 -0.43 -3.50	12.53 -0.43 -2.68	11.33 -0.36 -2.58	10.24 -0.09 -2.55
GELCKHM___115KV_LOAD 80723	12.05 -0.12 -1.31	12.92 -0.15 -0.86	11.87 -0.13 -0.77	9.85 -0.13 -0.83	10.08 -0.14 -0.86	11.55 -0.13 -0.76	10.94 -0.16 -0.96	10.84 -0.17 -1.00	12.95 -0.20 -0.85	12.75 -0.21 -0.76	12.01 -0.12 -0.95	11.21 -0.09 -1.00	9.66 -0.07 -1.17	9.75 -0.06 -1.16	9.75 -0.07 -1.18	9.69 -0.07 -1.27	9.26 -0.05 -2.04	10.79 -0.08 -2.28	11.10 -0.08 -2.68	11.40 -0.10 -2.14	14.26 -0.11 -2.12	11.80 -0.11 -1.63	10.58 -0.10 -1.56	9.25 -0.07 -1.55
GENERAL___MILLS 23808	12.85 -0.16 -2.15	13.45 -0.17 -1.41	12.28 -0.22 -1.27	10.31 -0.20 -1.37	10.54 -0.23 -1.41	12.04 -0.14 -1.26	11.46 -0.27 -1.60	11.30 -0.37 -1.66	13.19 -0.52 -1.41	12.98 -0.48 -1.26	12.47 -0.29 -1.58	11.80 -0.16 -1.67	10.44 -0.07 -1.95	10.42 -0.16 -1.93	10.42 -0.18 -1.96	10.44 -0.16 -2.11	10.49 -0.16 -3.38	12.10 -0.24 -3.76	12.61 -0.31 -4.41	12.55 -0.34 -3.53	15.27 -0.47 -3.49	12.51 -0.45 -2.68	11.30 -0.38 -2.57	10.21 -0.10 -2.55
GE_PLASTICS___DRP 24183	27.97 0.25 -16.86	23.64 0.28 -11.15	21.52 0.26 -10.03	20.17 0.21 -10.82	20.68 0.22 -11.10	21.09 0.26 -9.91	22.87 0.23 -12.50	23.15 0.22 -12.92	23.57 0.30 -10.98	22.26 0.30 -9.76	23.53 0.29 -12.05	23.34 0.28 -12.76	23.76 0.23 -14.97	23.78 0.22 -14.91	23.91 0.22 -15.04	24.90 0.22 -16.18	32.89 0.19 -25.44	37.20 0.22 -28.40	42.27 0.22 -33.56	37.21 0.24 -27.61	39.52 0.31 -26.97	31.61 0.26 -21.07	29.21 0.22 -19.87	27.99 0.16 -20.06
GILBOA___1 23756	24.32 0.34 -13.12	21.19 0.38 -8.60	19.31 0.35 -7.73	17.76 0.27 -8.34	18.20 0.27 -8.56	18.89 0.33 -7.65	20.09 0.29 -9.65	20.28 0.29 -9.97	21.18 0.39 -8.49	20.17 0.39 -7.59	21.04 0.37 -9.49	20.67 0.35 -10.02	20.58 0.29 -11.74	20.58 0.29 -11.64	20.71 0.29 -11.76	21.45 0.29 -12.67	27.98 0.25 -20.47	31.69 0.27 -22.85	35.60 0.25 -26.84	31.09 0.28 -21.45	33.88 0.39 -21.25	26.88 0.32 -16.28	25.06 0.29 -15.65	23.50 0.24 -15.49
GILBOA___2 23757	24.32 0.34 -13.12	21.19 0.38 -8.60	19.31 0.35 -7.73	17.76 0.27 -8.34	18.20 0.27 -8.56	18.89 0.33 -7.65	20.09 0.29 -9.65	20.28 0.29 -9.97	21.18 0.39 -8.49	20.17 0.39 -7.59	21.04 0.37 -9.49	20.67 0.35 -10.02	20.58 0.29 -11.74	20.58 0.29 -11.64	20.71 0.29 -11.76	21.45 0.29 -12.67	27.98 0.25 -20.47	31.69 0.27 -22.85	35.60 0.25 -26.84	31.09 0.28 -21.45	33.88 0.39 -21.25	26.88 0.32 -16.28	25.06 0.29 -15.65	23.50 0.24 -15.49
GILBOA___3 23758	24.32 0.34 -13.12	21.19 0.38 -8.60	19.31 0.35 -7.73	17.76 0.27 -8.34	18.20 0.27 -8.56	18.89 0.33 -7.65	20.09 0.29 -9.65	20.28 0.29 -9.97	21.18 0.39 -8.49	20.17 0.39 -7.59	21.04 0.37 -9.49	20.67 0.35 -10.02	20.58 0.29 -11.74	20.58 0.29 -11.64	20.71 0.29 -11.76	21.45 0.29 -12.67	27.98 0.25 -20.47	31.69 0.27 -22.85	35.60 0.25 -26.84	31.09 0.28 -21.45	33.88 0.39 -21.25	26.88 0.32 -16.28	25.06 0.29 -15.65	23.50 0.24 -15.49
GILBOA___4 23759	24.32 0.34 -13.12	21.19 0.38 -8.60	19.31 0.35 -7.73	17.76 0.27 -8.34	18.20 0.27 -8.56	18.89 0.33 -7.65	20.09 0.29 -9.65	20.28 0.29 -9.97	21.18 0.39 -8.49	20.17 0.39 -7.59	21.04 0.37 -9.49	20.67 0.35 -10.02	20.58 0.29 -11.74	20.58 0.29 -11.64	20.71 0.29 -11.76	21.45 0.29 -12.67	27.98 0.25 -20.47	31.69 0.27 -22.85	35.60 0.25 -26.84	31.09 0.28 -21.45	33.88 0.39 -21.25	26.88 0.32 -16.28	25.06 0.29 -15.65	23.50 0.24 -15.49
GILBOA___ 23599	24.32 0.34 -13.12	21.19 0.38 -8.60	19.30 0.34 -7.73	17.76 0.27 -8.34	18.20 0.27 -8.56	18.89 0.33 -7.65	20.09 0.29 -9.65	20.28 0.29 -9.98	21.18 0.39 -8.49	20.17 0.39 -7.59	21.04 0.37 -9.49	20.67 0.35 -10.02	20.58 0.29 -11.74	20.58 0.29 -11.64	20.71 0.29 -11.77	21.46 0.29 -12.67	27.98 0.25 -20.47	31.70 0.27 -22.85	35.60 0.25 -26.85	31.09 0.28 -21.45	33.89 0.39 -21.25	26.89 0.33 -16.28	25.05 0.28 -15.65	23.50 0.24 -15.50
GINNA___ 23603	11.83 -0.64 -1.60	12.52 -0.75 -1.05	11.48 -0.70 -0.95	9.57 -0.59 -1.02	9.79 -0.63 -1.05	11.22 -0.63 -0.94	10.73 -0.60 -1.18	10.65 -0.59 -1.22	12.65 -0.69 -1.04	12.44 -0.68 -0.93	11.83 -0.51 -1.16	11.06 -0.46 -1.23	9.67 -0.33 -1.44	9.72 -0.36 -1.43	9.74 -0.35 -1.44	9.68 -0.37 -1.55	9.48 -0.29 -2.51	11.00 -0.39 -2.80	11.37 -0.42 -3.29	11.53 -0.46 -2.63	14.25 -0.60 -2.61	11.69 -0.59 -2.00	10.46 -0.57 -1.92	9.26 -0.40 -1.90
GLEN PARK___ 23778	11.67 0.02 -0.78	12.76 0.04 -0.51	11.69 0.00 -0.46	9.61 -0.03 -0.50	9.86 -0.02 -0.51	11.34 -0.03 -0.46	10.67 -0.05 -0.58	10.56 -0.05 -0.60	12.72 -0.09 -0.51	12.48 -0.17 -0.45	11.55 -0.20 -0.57	10.66 -0.24 -0.60	9.04 -0.21 -0.70	9.08 -0.26 -0.69	9.07 -0.28 -0.70	9.00 -0.25 -0.76	8.28 -0.20 -1.22	9.75 -0.20 -1.36	10.00 -0.10 -1.60	10.61 -0.03 -1.28	13.61 0.10 -1.27	11.29 0.03 -0.97	10.08 0.03 -0.93	8.62 -0.07 -0.92
GLENDALE_27_KV_LOAD 356172	26.01 1.03 -14.11	22.34 1.14 -8.99	20.37 1.06 -8.09	18.70 0.84 -8.72	19.17 0.85 -8.95	19.89 0.98 -7.99	21.15 0.92 -10.09	21.38 0.93 -10.43	22.42 1.23 -8.90	21.41 1.23 -7.98	22.37 1.13 -10.05	21.96 1.06 -10.60	22.46 0.91 -13.00	21.81 0.90 -12.26	21.97 0.91 -12.41	22.75 0.88 -13.37	34.04 0.76 -26.02	34.91 0.88 -25.44	38.06 0.87 -28.70	34.05 0.95 -23.74	35.95 1.21 -22.49	28.27 0.99 -17.00	26.56 0.88 -16.57	24.68 0.72 -16.19

GLENWOOD_IC_1_G5 23712	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	19.98 0.85 -9.98	19.17 0.86 -8.94	19.90 0.99 -7.99	21.17 0.94 -10.08	21.39 0.95 -10.42	22.60 1.24 -9.06	30.53 1.24 -17.09	26.02 1.14 -13.70	25.65 1.05 -14.30	26.63 0.90 -17.18	27.14 0.90 -17.59	26.40 0.90 -16.86	29.62 0.88 -20.24	32.22 0.76 -24.20	41.62 0.88 -32.15	41.26 0.85 -31.92	34.51 0.93 -24.23	35.93 1.19 -22.49	28.27 0.99 -17.00	26.56 0.88 -16.56	24.96 0.73 -16.46
GLENWOOD_IC_2_G1 23688	26.50 0.98 -14.66	26.86 1.07 -13.58	23.52 1.00 -11.29	19.93 0.80 -9.98	19.11 0.81 -8.94	19.84 0.94 -7.99	21.11 0.88 -10.08	21.34 0.90 -10.42	22.54 1.18 -9.06	30.47 1.18 -17.09	25.96 1.07 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.71 -24.21	41.57 0.82 -32.16	41.22 0.80 -31.93	34.46 0.87 -24.23	35.86 1.11 -22.50	28.20 0.91 -17.01	26.50 0.81 -16.57	24.92 0.68 -16.47
GLENWOOD_IC_3_G1 23689	26.50 0.98 -14.66	26.86 1.07 -13.58	23.52 1.00 -11.29	19.93 0.80 -9.98	19.11 0.81 -8.94	19.84 0.94 -7.99	21.11 0.88 -10.08	21.34 0.90 -10.42	22.54 1.18 -9.06	30.47 1.18 -17.09	25.96 1.07 -13.70	25.59 0.99 -14.30	26.57 0.84 -17.18	27.08 0.84 -17.59	26.36 0.85 -16.86	29.57 0.83 -20.25	32.19 0.71 -24.21	41.57 0.82 -32.16	41.22 0.80 -31.93	34.46 0.87 -24.23	35.86 1.11 -22.50	28.20 0.91 -17.01	26.50 0.81 -16.57	24.92 0.68 -16.47
GLENWOOD___4 23550	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	19.98 0.85 -9.98	19.17 0.86 -8.94	19.90 0.99 -7.99	21.17 0.94 -10.08	21.39 0.95 -10.42	22.60 1.24 -9.06	30.53 1.24 -17.09	26.02 1.14 -13.70	25.65 1.05 -14.30	26.63 0.90 -17.18	27.14 0.90 -17.59	26.40 0.90 -16.86	29.62 0.88 -20.24	32.22 0.76 -24.20	41.62 0.88 -32.15	41.26 0.85 -31.92	34.51 0.93 -24.23	35.93 1.19 -22.49	28.27 0.99 -17.00	26.56 0.88 -16.56	24.96 0.73 -16.46
GLENWOOD___5 23614	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	19.98 0.85 -9.98	19.17 0.86 -8.94	19.90 0.99 -7.99	21.17 0.94 -10.08	21.39 0.95 -10.42	22.60 1.24 -9.06	30.53 1.24 -17.09	26.02 1.14 -13.70	25.65 1.05 -14.30	26.63 0.90 -17.18	27.14 0.90 -17.59	26.40 0.90 -16.86	29.62 0.88 -20.24	32.22 0.76 -24.20	41.62 0.88 -32.15	41.26 0.85 -31.92	34.51 0.93 -24.23	35.93 1.19 -22.49	28.27 0.99 -17.00	26.56 0.88 -16.56	24.96 0.73 -16.46
GLOBAL GREEN_PORT_GT1 23814	27.04 1.52 -14.66	27.49 1.70 -13.58	24.07 1.55 -11.29	20.36 1.23 -9.98	19.56 1.26 -8.94	20.31 1.41 -7.99	21.61 1.39 -10.08	21.82 1.38 -10.42	23.15 1.80 -9.06	31.10 1.82 -17.09	26.48 1.60 -13.70	26.14 1.53 -14.30	27.03 1.29 -17.18	27.52 1.28 -17.59	26.79 1.28 -16.86	30.03 1.28 -20.25	32.57 1.10 -24.21	42.06 1.31 -32.16	41.73 1.30 -31.93	35.00 1.40 -24.24	36.54 1.79 -22.51	28.76 1.47 -17.01	26.99 1.30 -16.57	25.34 1.10 -16.47
GLOBE___DSASP 323697	12.35 -0.51 -1.99	12.95 -0.57 -1.31	11.84 -0.57 -1.18	9.93 -0.48 -1.27	10.16 -0.52 -1.31	11.60 -0.48 -1.17	11.05 -0.57 -1.47	10.86 -0.68 -1.52	12.68 -0.91 -1.30	12.48 -0.88 -1.16	11.98 -0.65 -1.45	11.32 -0.50 -1.53	10.01 -0.33 -1.79	10.01 -0.42 -1.78	10.00 -0.44 -1.80	10.02 -0.41 -1.93	9.97 -0.37 -3.08	11.55 -0.50 -3.47	11.99 -0.58 -4.07	12.00 -0.62 -3.26	14.62 -0.86 -3.23	11.97 -0.79 -2.48	10.81 -0.65 -2.34	9.84 -0.29 -2.36
GOETHSLN___LBMP 323567	25.89 0.92 -14.10	22.21 1.01 -8.99	20.27 0.95 -8.09	18.63 0.77 -8.72	19.07 0.77 -8.94	19.83 0.92 -7.99	21.08 0.85 -10.08	21.33 0.88 -10.43	22.35 1.17 -8.89	21.34 1.17 -7.98	22.28 1.05 -10.05	21.86 0.96 -10.60	21.76 0.81 -12.39	21.72 0.81 -12.26	21.87 0.81 -12.41	22.65 0.79 -13.37	29.90 0.67 -21.97	33.86 0.76 -24.51	37.93 0.74 -28.70	32.66 0.81 -22.49	35.79 1.05 -22.49	28.15 0.87 -17.00	26.44 0.77 -16.56	24.58 0.63 -16.18
GOLAH___69_KV_TB 1_2 80279	12.45 -0.09 -1.67	13.18 -0.12 -1.10	12.11 -0.11 -0.99	10.09 -0.12 -1.07	10.32 -0.14 -1.09	11.80 -0.10 -0.98	11.20 -0.18 -1.24	11.08 -0.20 -1.26	13.09 -0.28 -1.07	12.86 -0.29 -0.96	12.25 -0.13 -1.20	11.46 -0.10 -1.27	10.03 -0.01 -1.48	10.08 -0.04 -1.47	10.10 -0.03 -1.49	10.03 -0.07 -1.60	9.81 -0.04 -2.59	11.36 -0.15 -2.93	11.73 -0.20 -3.43	11.91 -0.20 -2.74	14.69 -0.27 -2.72	12.10 -0.27 -2.08	10.88 -0.24 -2.00	9.72 -0.02 -1.98
GOODYEAR_LAKE_HYD 323669	13.82 0.57 -2.39	14.41 0.63 -1.57	13.20 0.56 -1.41	11.10 0.44 -1.52	11.37 0.45 -1.56	12.83 0.52 -1.39	12.37 0.48 -1.75	12.30 0.47 -1.81	14.45 0.61 -1.54	14.16 0.60 -1.37	13.46 0.59 -1.68	12.61 0.53 -1.78	11.07 0.42 -2.09	11.16 0.42 -2.09	11.18 0.43 -2.10	11.18 0.42 -2.26	11.16 0.36 -3.53	12.94 0.41 -3.94	13.57 0.41 -4.67	13.71 0.48 -3.87	16.71 0.70 -3.77	13.80 0.56 -2.96	12.37 0.48 -2.77	10.96 0.38 -2.82
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.88 0.15 -3.86	14.92 0.17 -2.54	13.66 0.15 -2.28	11.71 0.10 -2.46	11.98 0.08 -2.53	13.32 0.14 -2.26	13.08 0.09 -2.85	13.04 0.07 -2.95	14.89 0.09 -2.51	14.51 0.07 -2.24	14.13 0.15 -2.80	13.41 0.15 -2.96	12.16 0.14 -3.47	12.22 0.13 -3.44	12.25 0.13 -3.48	12.38 0.14 -3.74	13.43 0.12 -6.05	15.45 0.12 -6.75	16.53 0.10 -7.93	15.80 0.10 -6.33	18.69 0.17 -6.27	15.20 0.11 -4.81	13.84 0.10 -4.62	12.47 0.12 -4.58
GOUDEY___7 23579	14.89 0.16 -3.86	14.93 0.18 -2.54	13.67 0.16 -2.28	11.71 0.10 -2.46	11.99 0.09 -2.53	13.33 0.15 -2.26	13.09 0.10 -2.85	13.05 0.08 -2.95	14.90 0.10 -2.51	14.52 0.09 -2.24	14.14 0.16 -2.80	13.43 0.16 -2.96	12.17 0.15 -3.47	12.23 0.14 -3.44	12.26 0.14 -3.48	12.38 0.14 -3.74	13.43 0.12 -6.05	15.46 0.13 -6.75	16.54 0.11 -7.93	15.81 0.11 -6.33	18.70 0.18 -6.27	15.21 0.12 -4.81	13.85 0.11 -4.62	12.47 0.13 -4.58
GOUDEY___8 23580	14.88 0.15 -3.86	14.92 0.17 -2.54	13.66 0.15 -2.28	11.71 0.10 -2.46	11.98 0.08 -2.53	13.32 0.14 -2.26	13.08 0.09 -2.85	13.04 0.07 -2.95	14.89 0.09 -2.51	14.51 0.07 -2.24	14.13 0.15 -2.80	13.41 0.15 -2.96	12.16 0.14 -3.47	12.22 0.13 -3.44	12.25 0.13 -3.48	12.38 0.14 -3.74	13.43 0.12 -6.05	15.45 0.12 -6.75	16.53 0.10 -7.93	15.80 0.10 -6.33	18.69 0.17 -6.27	15.20 0.11 -4.81	13.84 0.10 -4.62	12.47 0.12 -4.58
GOWANUS_GT1_1 24077	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT1_2 24078	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19

GOWANUS_GT1_3 24079	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT1_4 24080	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT1_5 24084	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT1_6 24111	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT1_7 24112	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT1_8 24113	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_1 24114	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_2 24115	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_3 24116	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_4 24117	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_5 24118	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_6 24119	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_7 24120	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT2_8 24121	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_1 24122	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19

GOWANUS_GT3_2 24123	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_3 24124	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_4 24125	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_5 24126	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_6 24127	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_7 24128	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT3_8 24129	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_1 24130	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_2 24131	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_3 24132	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_4 24133	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_5 24134	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_6 24135	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_7 24136	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
GOWANUS_GT4_8 24137	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19

GREENBSH_115KV_TB3 55895	27.93 0.18 -16.88	23.63 0.22 -11.20	21.50 0.20 -10.07	20.16 0.16 -10.86	20.68 0.17 -11.14	21.08 0.21 -9.96	22.86 0.18 -12.54	23.14 0.16 -12.96	23.52 0.22 -11.01	22.18 0.22 -9.76	23.41 0.23 -12.00	23.24 0.23 -12.71	23.66 0.18 -14.93	23.71 0.17 -14.89	23.82 0.16 -15.01	24.80 0.16 -16.15	32.49 0.15 -25.08	36.75 0.18 -27.99	41.83 0.18 -33.16	37.19 0.20 -27.63	39.32 0.24 -26.83	31.64 0.21 -21.15	29.04 0.15 -19.77	28.00 0.10 -20.13
GREENDGE_115KV_TB5 80291	13.48 0.13 -2.49	13.98 0.13 -1.64	12.81 0.11 -1.47	10.78 0.05 -1.59	11.04 0.05 -1.63	12.50 0.13 -1.46	12.03 0.05 -1.84	11.95 0.03 -1.90	13.94 0.02 -1.62	13.65 0.01 -1.45	13.12 0.13 -1.81	12.37 0.16 -1.91	10.93 0.14 -2.24	11.00 0.13 -2.22	11.02 0.13 -2.24	11.04 0.13 -2.41	11.28 0.12 -3.90	13.06 0.13 -4.35	13.71 0.11 -5.11	13.54 0.10 -4.08	16.46 0.17 -4.04	13.48 0.10 -3.10	12.17 0.07 -2.98	10.83 0.12 -2.95
GREENIDGE___3 23582	13.48 0.13 -2.49	13.98 0.13 -1.64	12.81 0.11 -1.47	10.78 0.05 -1.59	11.04 0.05 -1.63	12.50 0.13 -1.46	12.03 0.05 -1.84	11.95 0.03 -1.90	13.94 0.02 -1.62	13.65 0.01 -1.45	13.12 0.13 -1.81	12.37 0.16 -1.91	10.93 0.14 -2.24	11.00 0.13 -2.22	11.02 0.13 -2.24	11.04 0.13 -2.41	11.28 0.12 -3.90	13.06 0.13 -4.35	13.71 0.11 -5.11	13.54 0.10 -4.08	16.46 0.17 -4.04	13.48 0.10 -3.10	12.17 0.07 -2.98	10.83 0.12 -2.95
GREENIDGE___4 23583	13.48 0.13 -2.49	13.98 0.13 -1.64	12.81 0.11 -1.47	10.78 0.06 -1.59	11.04 0.05 -1.63	12.50 0.13 -1.45	12.03 0.05 -1.84	11.94 0.03 -1.90	13.93 0.02 -1.61	13.65 0.01 -1.44	13.12 0.13 -1.80	12.36 0.15 -1.91	10.92 0.14 -2.23	10.99 0.13 -2.21	11.01 0.12 -2.24	11.03 0.13 -2.41	11.27 0.12 -3.89	13.05 0.12 -4.35	13.72 0.11 -5.11	13.54 0.10 -4.08	16.46 0.17 -4.04	13.47 0.09 -3.10	12.16 0.06 -2.98	10.83 0.12 -2.95
GREENLWN_69_KV_BK 3 55738	26.69 1.16 -14.66	27.07 1.28 -13.58	23.70 1.18 -11.29	20.08 0.95 -9.98	19.27 0.96 -8.94	20.01 1.10 -7.99	21.28 1.05 -10.08	21.51 1.07 -10.42	22.74 1.39 -9.06	30.66 1.38 -17.09	26.09 1.21 -13.70	25.73 1.13 -14.30	26.66 0.93 -17.18	27.16 0.93 -17.58	26.46 0.96 -16.86	29.65 0.92 -20.24	32.25 0.79 -24.20	41.66 0.93 -32.15	41.30 0.89 -31.91	34.56 0.98 -24.22	36.00 1.26 -22.49	28.33 1.05 -17.00	26.66 0.98 -16.56	25.05 0.82 -16.46
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.03 1.05 -14.11	22.35 1.15 -8.99	20.38 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.43	22.40 1.20 -8.90	21.38 1.21 -7.98	22.34 1.11 -10.05	21.95 1.04 -10.61	26.19 0.88 -16.75	21.80 0.88 -12.27	21.96 0.90 -12.41	22.75 0.88 -13.37	34.03 0.76 -26.01	34.90 0.88 -25.44	38.06 0.87 -28.70	34.04 0.94 -23.74	35.95 1.21 -22.49	28.28 1.00 -17.00	26.57 0.88 -16.57	24.68 0.73 -16.19
GRISSOM___SOLAR 323813	32.13 1.16 -20.10	26.76 1.26 -13.29	24.29 1.11 -11.95	22.93 0.90 -12.89	23.52 0.94 -13.22	23.81 1.08 -11.81	26.03 0.97 -14.91	26.30 0.87 -15.41	26.53 1.13 -13.10	24.95 1.09 -11.67	26.77 1.12 -14.47	26.59 0.99 -15.30	27.27 0.77 -17.95	27.31 0.81 -17.85	27.49 0.83 -18.02	28.73 0.84 -19.39	38.74 0.72 -30.76	43.82 0.90 -34.33	49.94 0.94 -40.49	43.48 1.11 -33.00	46.06 1.43 -32.39	36.56 1.13 -25.15	33.93 0.96 -23.86	32.47 0.76 -23.94
GROVEVILLE___HYD 323602	25.61 0.89 -13.85	22.17 0.99 -8.97	20.18 0.89 -8.06	18.55 0.71 -8.70	19.01 0.72 -8.92	19.73 0.84 -7.97	20.98 0.78 -10.06	21.20 0.79 -10.40	22.18 1.03 -8.86	21.18 1.05 -7.93	22.10 0.94 -9.98	21.68 0.85 -10.53	21.61 0.74 -12.32	21.58 0.74 -12.19	21.74 0.75 -12.34	22.53 0.74 -13.30	29.67 0.64 -21.77	33.62 0.73 -24.30	37.67 0.70 -28.48	32.55 0.77 -22.42	35.60 0.98 -22.37	28.10 0.85 -16.96	26.35 0.76 -16.47	24.55 0.64 -16.15
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	12.25 -0.04 -1.43	13.09 -0.06 -0.94	12.02 -0.06 -0.85	9.98 -0.07 -0.91	10.22 -0.08 -0.94	11.69 -0.07 -0.84	11.11 -0.09 -1.06	11.01 -0.10 -1.09	13.11 -0.11 -0.93	12.90 -0.12 -0.83	12.18 -0.04 -1.04	11.38 -0.02 -1.10	9.82 -0.02 -1.28	9.92 0.00 -1.27	9.93 0.00 -1.29	9.88 0.00 -1.39	9.50 0.00 -2.24	11.08 -0.01 -2.50	11.42 -0.02 -2.94	11.67 -0.04 -2.35	14.56 -0.01 -2.33	12.03 -0.03 -1.78	10.79 -0.04 -1.71	9.45 -0.02 -1.70
HAMLTNNY_34_KV_TB 80303	12.36 -0.01 -1.51	13.18 -0.02 -0.99	12.10 -0.02 -0.89	10.06 -0.05 -0.96	10.30 -0.06 -0.99	11.78 -0.02 -0.88	11.19 -0.06 -1.11	11.10 -0.07 -1.15	13.20 -0.07 -0.98	12.98 -0.09 -0.87	12.28 0.00 -1.09	11.48 0.02 -1.15	9.92 0.02 -1.35	10.03 0.03 -1.34	10.04 0.03 -1.36	9.99 0.03 -1.46	9.66 0.04 -2.36	11.24 0.03 -2.64	11.60 0.01 -3.10	11.83 -0.01 -2.47	14.72 0.02 -2.45	12.16 0.00 -1.88	10.91 -0.01 -1.81	9.56 0.01 -1.79
HAMPSHIRE___PAPER_HYD 323593	10.92 -0.34 -0.39	12.11 -0.35 -0.26	11.14 -0.33 -0.23	9.13 -0.27 -0.25	9.36 -0.26 -0.26	10.81 -0.34 -0.23	10.15 -0.28 -0.29	10.04 -0.28 -0.30	12.17 -0.38 -0.25	12.00 -0.43 -0.23	10.96 -0.50 -0.28	10.11 -0.49 -0.30	8.46 -0.45 -0.35	8.51 -0.48 -0.35	8.51 -0.49 -0.35	8.41 -0.47 -0.38	7.48 -0.40 -0.61	8.85 -0.42 -0.69	8.96 -0.34 -0.81	9.68 -0.33 -0.64	12.50 -0.38 -0.64	10.45 -0.32 -0.49	9.31 -0.27 -0.47	7.95 -0.29 -0.47
HARDSCRABBLE_WT_PWR 323673	10.69 -0.17 0.00	12.01 -0.20 0.00	11.03 -0.20 0.00	8.97 -0.17 0.00	9.19 -0.18 0.00	10.73 -0.19 0.00	9.99 -0.15 0.00	9.88 -0.14 0.00	12.15 -0.15 0.00	12.05 -0.15 0.00	11.02 -0.17 0.00	10.10 -0.20 0.00	8.36 -0.20 0.00	8.42 -0.23 0.00	8.39 -0.26 0.00	8.22 -0.27 0.00	7.02 -0.25 0.00	8.29 -0.29 0.00	8.21 -0.29 0.00	9.08 -0.28 0.00	11.91 -0.33 0.00	10.04 -0.25 0.00	8.92 -0.20 0.00	7.59 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.24 0.83 -12.55	21.46 0.93 -8.32	19.55 0.84 -7.48	17.88 0.67 -8.07	18.32 0.67 -8.28	19.11 0.80 -7.40	20.21 0.74 -9.33	20.41 0.75 -9.64	21.50 0.98 -8.22	20.56 1.00 -7.37	21.37 0.91 -9.28	20.92 0.83 -9.79	20.72 0.71 -11.46	20.69 0.71 -11.33	20.84 0.73 -11.47	21.57 0.71 -12.36	28.18 0.61 -20.30	31.94 0.70 -22.67	35.71 0.67 -26.54	30.91 0.73 -20.82	34.00 0.94 -20.81	26.82 0.80 -15.74	25.15 0.71 -15.32	23.35 0.60 -14.98
HARSNRAD_115KV_TB1 81005	12.55 -0.27 -1.96	13.19 -0.31 -1.29	12.05 -0.34 -1.16	10.10 -0.29 -1.25	10.32 -0.33 -1.28	11.81 -0.26 -1.15	11.20 -0.40 -1.46	11.04 -0.50 -1.53	12.90 -0.69 -1.30	12.70 -0.66 -1.16	12.19 -0.45 -1.45	11.51 -0.32 -1.53	10.17 -0.18 -1.79	10.15 -0.28 -1.78	10.16 -0.29 -1.80	10.16 -0.27 -1.94	10.12 -0.25 -3.11	11.67 -0.34 -3.43	12.12 -0.41 -4.03	12.13 -0.45 -3.22	14.81 -0.62 -3.19	12.15 -0.58 -2.44	10.98 -0.48 -2.35	9.94 -0.16 -2.33
HARZA MOOSE___RIVER 24016	11.42 0.05 -0.50	12.60 0.06 -0.33	11.56 0.03 -0.30	9.48 0.02 -0.32	9.71 0.02 -0.33	11.22 0.01 -0.29	10.51 0.00 -0.37	10.40 0.00 -0.38	12.62 0.00 -0.33	12.45 -0.04 -0.29	11.51 -0.03 -0.36	10.61 -0.07 -0.38	8.93 -0.08 -0.45	8.97 -0.13 -0.45	8.95 -0.15 -0.45	8.84 -0.14 -0.49	7.94 -0.11 -0.79	9.36 -0.09 -0.88	9.50 -0.03 -1.03	10.19 0.01 -0.82	13.15 0.09 -0.82	10.96 0.05 -0.62	9.75 0.04 -0.60	8.34 -0.02 -0.59

HDSNBRDG_115KV_BRDG_TB1 355580	12.06 -0.11 -1.31	12.95 -0.12 -0.86	11.88 -0.12 -0.77	9.86 -0.12 -0.83	10.09 -0.13 -0.86	11.56 -0.12 -0.76	10.96 -0.15 -0.97	10.85 -0.16 -1.00	12.96 -0.18 -0.85	12.76 -0.20 -0.76	12.03 -0.10 -0.95	11.23 -0.07 -1.00	9.68 -0.05 -1.17	9.76 -0.05 -1.16	9.77 -0.05 -1.18	9.71 -0.05 -1.27	9.27 -0.04 -2.05	10.81 -0.06 -2.29	11.11 -0.08 -2.68	11.41 -0.09 -2.15	14.27 -0.10 -2.13	11.81 -0.10 -1.63	10.59 -0.09 -1.57	9.25 -0.06 -1.55
HELLGATE_13_KV_LD 55870	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.43	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.05	21.92 1.02 -10.60	22.42 0.86 -13.00	21.78 0.86 -12.26	21.93 0.87 -12.41	22.71 0.85 -13.37	34.00 0.73 -26.01	34.86 0.84 -25.44	38.01 0.82 -28.70	34.00 0.90 -23.74	35.88 1.15 -22.49	28.23 0.95 -17.00	26.52 0.84 -16.57	24.65 0.70 -16.19
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.43	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.05	21.92 1.02 -10.60	22.42 0.86 -13.00	21.78 0.86 -12.26	21.93 0.87 -12.41	22.71 0.85 -13.37	34.00 0.73 -26.01	34.86 0.84 -25.44	38.01 0.82 -28.70	34.00 0.90 -23.74	35.88 1.15 -22.49	28.23 0.95 -17.00	26.52 0.84 -16.57	24.65 0.70 -16.19
HEMPSTEAD____ 23647	26.57 1.04 -14.66	26.94 1.15 -13.58	23.60 1.08 -11.29	19.98 0.86 -9.98	19.19 0.88 -8.94	19.90 0.99 -7.99	21.18 0.95 -10.08	21.41 0.97 -10.42	22.62 1.27 -9.06	30.54 1.26 -17.09	26.00 1.12 -13.70	25.64 1.04 -14.30	26.62 0.88 -17.18	27.12 0.88 -17.59	26.39 0.88 -16.86	29.61 0.87 -20.25	32.21 0.74 -24.21	41.61 0.87 -32.16	41.26 0.83 -31.93	34.50 0.91 -24.23	35.91 1.16 -22.50	28.25 0.96 -17.01	26.54 0.86 -16.57	24.98 0.74 -16.47
HEWLETT_69_KV_BK3 55828	26.68 1.15 -14.66	27.07 1.28 -13.58	23.70 1.18 -11.29	20.08 0.95 -9.98	19.26 0.96 -8.94	19.99 1.08 -7.99	21.26 1.03 -10.08	21.49 1.05 -10.42	22.72 1.36 -9.06	30.65 1.37 -17.09	26.11 1.23 -13.70	25.72 1.12 -14.30	26.69 0.96 -17.18	27.20 0.96 -17.59	26.46 0.96 -16.86	29.70 0.96 -20.24	32.29 0.83 -24.20	41.65 0.92 -32.15	41.29 0.88 -31.92	34.54 0.95 -24.23	35.96 1.22 -22.49	28.35 1.07 -17.00	26.65 0.97 -16.56	25.03 0.80 -16.46
HICKLING___1 23621	14.23 0.26 -3.10	14.54 0.29 -2.04	13.31 0.25 -1.84	11.29 0.17 -1.98	11.56 0.16 -2.03	12.99 0.26 -1.82	12.60 0.16 -2.29	12.50 0.11 -2.37	14.44 0.12 -2.02	14.12 0.12 -1.80	13.67 0.23 -2.26	12.96 0.28 -2.38	11.58 0.24 -2.79	11.64 0.22 -2.77	11.66 0.22 -2.80	11.74 0.23 -3.01	12.31 0.19 -4.86	14.20 0.20 -5.42	15.04 0.17 -6.37	14.62 0.17 -5.09	17.54 0.26 -5.04	14.32 0.17 -3.86	12.99 0.16 -3.71	11.65 0.21 -3.68
HICKLING___2 23622	14.23 0.26 -3.10	14.54 0.29 -2.04	13.31 0.25 -1.84	11.29 0.17 -1.98	11.56 0.16 -2.03	12.99 0.26 -1.82	12.60 0.16 -2.29	12.50 0.11 -2.37	14.44 0.12 -2.02	14.12 0.12 -1.80	13.67 0.23 -2.26	12.96 0.28 -2.38	11.58 0.24 -2.79	11.64 0.22 -2.77	11.66 0.22 -2.80	11.74 0.23 -3.01	12.31 0.19 -4.86	14.20 0.20 -5.42	15.04 0.17 -6.37	14.62 0.17 -5.09	17.54 0.26 -5.04	14.32 0.17 -3.86	12.99 0.16 -3.71	11.65 0.21 -3.68
HIGH FALLS___HY 23754	24.86 0.93 -13.06	21.77 1.04 -8.52	19.82 0.93 -7.66	18.15 0.75 -8.26	18.58 0.74 -8.48	19.34 0.85 -7.57	20.52 0.82 -9.55	20.74 0.85 -9.87	21.81 1.11 -8.41	20.84 1.12 -7.52	21.60 0.98 -9.43	21.17 0.92 -9.95	20.99 0.79 -11.65	20.98 0.79 -11.55	21.13 0.80 -11.68	21.86 0.79 -12.58	28.39 0.68 -20.44	32.16 0.76 -22.82	36.01 0.74 -26.78	31.43 0.81 -21.26	34.43 1.07 -21.12	27.32 0.93 -16.11	25.50 0.83 -15.56	23.79 0.69 -15.34
HILLBURN___GT 23639	24.45 0.82 -12.77	21.62 0.92 -8.49	19.71 0.84 -7.64	18.05 0.68 -8.24	18.49 0.67 -8.45	19.25 0.79 -7.55	20.41 0.74 -9.53	20.62 0.76 -9.85	21.69 1.01 -8.39	20.73 1.01 -7.52	21.59 0.93 -9.48	21.15 0.85 -10.00	20.98 0.73 -11.70	20.94 0.73 -11.57	21.10 0.74 -11.71	21.83 0.72 -12.62	28.62 0.62 -20.74	32.44 0.71 -23.15	36.29 0.69 -27.11	31.37 0.75 -21.26	34.46 0.97 -21.25	27.13 0.78 -16.07	25.46 0.69 -15.65	23.65 0.58 -15.30
HILLSIDE_115KV_TB1 80332	14.13 0.07 -3.20	14.39 0.07 -2.11	13.18 0.06 -1.89	11.20 0.02 -2.04	11.46 0.00 -2.10	12.87 0.08 -1.87	12.51 0.00 -2.37	12.42 -0.04 -2.45	14.32 -0.06 -2.08	14.00 -0.06 -1.86	13.56 0.04 -2.33	12.85 0.09 -2.46	11.52 0.09 -2.88	11.57 0.07 -2.86	11.60 0.07 -2.89	11.68 0.08 -3.11	12.34 0.06 -5.02	14.23 0.05 -5.60	15.09 0.02 -6.57	14.62 0.01 -5.25	17.49 0.04 -5.20	14.27 0.00 -3.99	12.95 0.00 -3.83	11.64 0.08 -3.79
HISHELDN_WT_PWR 323625	13.03 -0.12 -2.28	13.58 -0.13 -1.50	12.41 -0.17 -1.35	10.43 -0.16 -1.46	10.67 -0.19 -1.49	12.14 -0.11 -1.33	11.60 -0.22 -1.68	11.44 -0.32 -1.74	13.35 -0.43 -1.48	13.11 -0.41 -1.32	12.60 -0.24 -1.66	11.93 -0.12 -1.75	10.56 -0.04 -2.05	10.56 -0.12 -2.03	10.55 -0.15 -2.05	10.58 -0.13 -2.21	10.71 -0.12 -3.57	12.37 -0.20 -3.99	12.93 -0.25 -4.69	12.83 -0.27 -3.74	15.59 -0.37 -3.71	12.73 -0.39 -2.84	11.52 -0.33 -2.73	10.40 -0.07 -2.70
HOLTSVILLE_IC_1 23690	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.11 0.99 -9.98	19.31 1.00 -8.94	20.04 1.14 -7.99	21.33 1.11 -10.08	21.55 1.11 -10.42	22.81 1.45 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.19 0.94 -17.59	26.46 0.95 -16.86	29.67 0.93 -20.25	32.27 0.79 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.24	36.00 1.25 -22.51	28.33 1.04 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47
HOLTSVILLE_IC_10 23699	26.77 1.25 -14.66	27.19 1.40 -13.58	23.81 1.29 -11.29	20.17 1.04 -9.98	19.37 1.06 -8.94	20.11 1.20 -7.99	21.39 1.17 -10.08	21.61 1.17 -10.42	22.88 1.52 -9.06	30.80 1.51 -17.09	26.18 1.30 -13.70	25.83 1.23 -14.30	26.75 1.02 -17.18	27.26 1.01 -17.60	26.53 1.02 -16.86	29.74 0.99 -20.25	32.33 0.85 -24.21	41.74 1.00 -32.17	41.39 0.96 -31.93	34.65 1.05 -24.24	36.10 1.35 -22.51	28.42 1.12 -17.01	26.71 1.02 -16.57	25.14 0.90 -16.47
HOLTSVILLE_IC_2 23691	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.11 0.99 -9.98	19.31 1.00 -8.94	20.04 1.14 -7.99	21.33 1.11 -10.08	21.55 1.11 -10.42	22.81 1.45 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.19 0.94 -17.59	26.46 0.95 -16.86	29.67 0.93 -20.25	32.27 0.79 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.24	36.00 1.25 -22.51	28.33 1.04 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47
HOLTSVILLE_IC_3 23692	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.11 0.99 -9.98	19.31 1.00 -8.94	20.04 1.14 -7.99	21.33 1.11 -10.08	21.55 1.11 -10.42	22.81 1.45 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.19 0.94 -17.59	26.46 0.95 -16.86	29.67 0.93 -20.25	32.27 0.79 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.24	36.00 1.25 -22.51	28.33 1.04 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47

HOLTSVILLE_IC_4 23693	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.11 0.99 -9.98	19.31 1.00 -8.94	20.04 1.14 -7.99	21.33 1.11 -10.08	21.55 1.11 -10.42	22.81 1.45 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.19 0.94 -17.59	26.46 0.95 -16.86	29.67 0.93 -20.25	32.27 0.79 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.24	36.00 1.25 -22.51	28.33 1.04 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47
HOLTSVILLE_IC_5 23694	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.11 0.99 -9.98	19.31 1.00 -8.94	20.04 1.14 -7.99	21.33 1.11 -10.08	21.55 1.11 -10.42	22.81 1.45 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.19 0.94 -17.59	26.46 0.95 -16.86	29.67 0.93 -20.25	32.27 0.79 -24.21	41.67 0.93 -32.16	41.32 0.89 -31.93	34.56 0.96 -24.24	36.00 1.25 -22.51	28.33 1.04 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47
HOLTSVILLE_IC_6 23695	26.77 1.25 -14.66	27.19 1.40 -13.58	23.81 1.29 -11.29	20.17 1.04 -9.98	19.37 1.06 -8.94	20.11 1.20 -7.99	21.39 1.17 -10.08	21.61 1.17 -10.42	22.88 1.52 -9.06	30.80 1.51 -17.09	26.18 1.30 -13.70	25.83 1.23 -14.30	26.75 1.02 -17.18	27.26 1.01 -17.60	26.53 1.02 -16.86	29.74 0.99 -20.25	32.33 0.85 -24.21	41.74 1.00 -32.17	41.39 0.96 -31.93	34.65 1.05 -24.24	36.10 1.35 -22.51	28.42 1.12 -17.01	26.71 1.02 -16.57	25.14 0.90 -16.47
HOLTSVILLE_IC_7 23696	26.77 1.25 -14.66	27.19 1.40 -13.58	23.81 1.29 -11.29	20.17 1.04 -9.98	19.37 1.06 -8.94	20.11 1.20 -7.99	21.39 1.17 -10.08	21.61 1.17 -10.42	22.88 1.52 -9.06	30.80 1.51 -17.09	26.18 1.30 -13.70	25.83 1.23 -14.30	26.75 1.02 -17.18	27.26 1.01 -17.60	26.53 1.02 -16.86	29.74 0.99 -20.25	32.33 0.85 -24.21	41.74 1.00 -32.17	41.39 0.96 -31.93	34.65 1.05 -24.24	36.10 1.35 -22.51	28.42 1.12 -17.01	26.71 1.02 -16.57	25.14 0.90 -16.47
HOLTSVILLE_IC_8 23697	26.77 1.25 -14.66	27.19 1.40 -13.58	23.81 1.29 -11.29	20.17 1.04 -9.98	19.37 1.06 -8.94	20.11 1.20 -7.99	21.39 1.17 -10.08	21.61 1.17 -10.42	22.88 1.52 -9.06	30.80 1.51 -17.09	26.18 1.30 -13.70	25.83 1.23 -14.30	26.75 1.02 -17.18	27.26 1.01 -17.60	26.53 1.02 -16.86	29.74 0.99 -20.25	32.33 0.85 -24.21	41.74 1.00 -32.17	41.39 0.96 -31.93	34.65 1.05 -24.24	36.10 1.35 -22.51	28.42 1.12 -17.01	26.71 1.02 -16.57	25.14 0.90 -16.47
HOLTSVILLE_IC_9 23698	26.77 1.25 -14.66	27.19 1.40 -13.58	23.81 1.29 -11.29	20.17 1.04 -9.98	19.37 1.06 -8.94	20.11 1.20 -7.99	21.39 1.17 -10.08	21.61 1.17 -10.42	22.88 1.52 -9.06	30.80 1.51 -17.09	26.18 1.30 -13.70	25.83 1.23 -14.30	26.75 1.02 -17.18	27.26 1.01 -17.60	26.53 1.02 -16.86	29.74 0.99 -20.25	32.33 0.85 -24.21	41.74 1.00 -32.17	41.39 0.96 -31.93	34.65 1.05 -24.24	36.10 1.35 -22.51	28.42 1.12 -17.01	26.71 1.02 -16.57	25.14 0.90 -16.47
HOMER_HL_115KV_TB2 355744	13.13 -0.14 -2.41	13.65 -0.15 -1.59	12.47 -0.19 -1.43	10.50 -0.18 -1.54	10.74 -0.21 -1.58	12.21 -0.12 -1.41	11.69 -0.23 -1.79	11.57 -0.30 -1.85	13.48 -0.39 -1.58	13.25 -0.35 -1.41	12.73 -0.21 -1.76	12.06 -0.10 -1.86	10.68 -0.05 -2.18	10.67 -0.14 -2.16	10.69 -0.15 -2.19	10.72 -0.13 -2.35	10.91 -0.13 -3.78	12.59 -0.20 -4.21	13.20 -0.25 -4.94	13.04 -0.27 -3.95	15.80 -0.36 -3.91	12.91 -0.37 -3.00	11.67 -0.33 -2.88	10.50 -0.12 -2.85
HOWARD_WT_PWR 323690	13.74 0.25 -2.63	14.22 0.28 -1.73	13.02 0.24 -1.56	10.97 0.15 -1.68	11.22 0.13 -1.72	12.71 0.25 -1.54	12.21 0.12 -1.94	12.08 0.06 -2.01	14.07 0.06 -1.71	13.78 0.06 -1.53	13.28 0.19 -1.91	12.57 0.26 -2.02	11.15 0.23 -2.36	11.18 0.19 -2.34	11.19 0.17 -2.37	11.21 0.17 -2.55	11.52 0.14 -4.12	13.32 0.14 -4.60	14.00 0.10 -5.40	13.79 0.11 -4.32	16.69 0.17 -4.28	13.64 0.08 -3.27	12.33 0.06 -3.15	11.06 0.18 -3.12
HQ_GEN_CEDARS 23644	10.57 -0.29 0.00	11.90 -0.31 0.00	10.97 -0.26 0.00	8.95 -0.19 0.00	9.19 -0.18 0.00	10.67 -0.25 0.00	9.96 -0.18 0.00	9.84 -0.18 0.00	12.02 -0.27 0.00	11.92 -0.28 0.00	10.78 -0.40 0.00	9.93 -0.37 0.00	8.22 -0.33 0.00	8.32 -0.33 0.00	8.33 -0.32 0.00	8.19 -0.31 0.00	7.00 -0.27 0.00	8.31 -0.27 0.00	8.25 -0.25 0.00	9.10 -0.26 0.00	11.88 -0.37 0.00	10.01 -0.28 0.00	8.87 -0.25 0.00	7.55 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	10.57 -0.29 0.00	11.90 -0.30 0.00	10.97 -0.26 0.00	8.95 -0.19 0.00	9.19 -0.18 0.00	10.67 -0.25 0.00	9.96 -0.18 0.00	9.84 -0.18 0.00	12.02 -0.27 0.00	11.92 -0.28 0.00	10.78 -0.40 0.00	9.93 -0.37 0.00	8.22 -0.33 0.00	8.32 -0.33 0.00	8.33 -0.32 0.00	8.19 -0.31 0.00	7.00 -0.27 0.00	8.30 -0.28 0.00	8.25 -0.25 0.00	9.10 -0.26 0.00	11.88 -0.37 0.00	10.02 -0.27 0.00	8.87 -0.25 0.00	7.55 -0.22 0.00
HQ_GEN_IMPORT 323601	10.67 -0.20 0.00	12.00 -0.21 0.00	11.04 -0.19 0.00	9.00 -0.14 0.00	9.24 -0.13 0.00	10.74 -0.18 0.00	10.00 -0.14 0.00	9.89 -0.13 0.00	12.10 -0.20 0.00	12.00 -0.20 0.00	10.96 -0.22 0.00	10.08 -0.22 0.00	8.37 -0.19 0.00	8.47 -0.18 0.00	8.47 -0.18 0.00	8.32 -0.18 0.00	7.11 -0.15 0.00	8.42 -0.16 0.00	8.35 -0.15 0.00	9.19 -0.17 0.00	12.00 -0.24 0.00	10.11 -0.17 0.00	8.96 -0.16 0.00	7.63 -0.13 0.00
HQ_GEN_WHEEL 23651	10.67 -0.20 0.00	12.00 -0.21 0.00	11.04 -0.19 0.00	9.00 -0.14 0.00	9.24 -0.13 0.00	10.74 -0.18 0.00	10.00 -0.14 0.00	9.89 -0.13 0.00	12.10 -0.20 0.00	12.00 -0.20 0.00	10.96 -0.22 0.00	10.08 -0.22 0.00	8.37 -0.19 0.00	8.47 -0.18 0.00	8.47 -0.18 0.00	8.32 -0.18 0.00	7.11 -0.15 0.00	8.42 -0.16 0.00	8.35 -0.15 0.00	9.19 -0.17 0.00	12.00 -0.24 0.00	10.11 -0.17 0.00	8.96 -0.16 0.00	7.63 -0.13 0.00
HUDSON_AVE_GT_3 23810	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.09	18.66 0.79 -8.72	19.11 0.81 -8.94	19.85 0.94 -7.99	21.11 0.88 -10.09	21.35 0.90 -10.43	22.37 1.18 -8.89	21.37 1.20 -7.98	22.32 1.08 -10.05	21.91 1.01 -10.60	21.81 0.86 -12.40	21.77 0.86 -12.26	21.92 0.86 -12.41	22.70 0.83 -13.37	29.95 0.71 -21.98	33.93 0.83 -24.52	38.01 0.81 -28.71	32.74 0.88 -22.50	35.88 1.14 -22.50	28.19 0.91 -17.00	26.49 0.81 -16.57	24.63 0.68 -16.18
HUDSON_AVE_GT_4 23540	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.09	18.66 0.79 -8.72	19.11 0.81 -8.94	19.85 0.94 -7.99	21.11 0.88 -10.09	21.35 0.90 -10.43	22.37 1.18 -8.89	21.37 1.20 -7.98	22.32 1.08 -10.05	21.91 1.01 -10.60	21.81 0.86 -12.40	21.77 0.86 -12.26	21.92 0.86 -12.41	22.70 0.83 -13.37	29.95 0.71 -21.98	33.93 0.83 -24.52	38.01 0.81 -28.71	32.74 0.88 -22.50	35.88 1.14 -22.50	28.19 0.91 -17.00	26.49 0.81 -16.57	24.63 0.68 -16.18
HUDSON_AVE_GT_5 23657	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.09	18.66 0.79 -8.72	19.11 0.81 -8.94	19.85 0.94 -7.99	21.11 0.88 -10.09	21.35 0.90 -10.43	22.37 1.18 -8.89	21.37 1.20 -7.98	22.32 1.08 -10.05	21.91 1.01 -10.60	21.81 0.86 -12.40	21.77 0.86 -12.26	21.92 0.86 -12.41	22.70 0.83 -13.37	29.95 0.71 -21.98	33.93 0.83 -24.52	38.01 0.81 -28.71	32.74 0.88 -22.50	35.88 1.14 -22.50	28.19 0.91 -17.00	26.49 0.81 -16.57	24.63 0.68 -16.18

HUDSON_AVE_10 24168	25.91 0.95 -14.10	22.23 1.04 -8.99	20.27 0.95 -8.09	18.61 0.75 -8.72	19.06 0.76 -8.94	19.80 0.90 -7.99	21.08 0.85 -10.08	21.33 0.88 -10.43	22.32 1.13 -8.89	21.31 1.13 -7.98	22.25 1.02 -10.05	21.84 0.94 -10.60	21.74 0.80 -12.39	21.71 0.80 -12.26	21.88 0.82 -12.41	22.66 0.80 -13.37	29.91 0.68 -21.97	33.88 0.79 -24.51	37.96 0.76 -28.70	32.68 0.83 -22.49	35.81 1.08 -22.49	28.16 0.88 -17.00	26.48 0.80 -16.56	24.60 0.65 -16.18
HUDSON___115KV_TB 4 355613	27.62 0.34 -16.42	23.46 0.39 -10.86	21.32 0.33 -9.77	19.94 0.27 -10.53	20.45 0.28 -10.80	20.91 0.34 -9.65	22.61 0.30 -12.16	22.86 0.27 -12.57	23.35 0.37 -10.68	22.04 0.35 -9.49	23.24 0.34 -11.72	23.03 0.32 -12.41	23.39 0.27 -14.56	23.42 0.27 -14.50	23.54 0.26 -14.63	24.49 0.25 -15.74	32.21 0.23 -24.71	36.46 0.29 -27.59	41.39 0.29 -32.61	36.56 0.34 -26.86	38.88 0.40 -26.23	31.16 0.36 -20.51	28.73 0.29 -19.32	27.50 0.21 -19.53
HUNTER MOUNT___DRP 323613	27.09 0.33 -15.90	23.06 0.37 -10.48	20.96 0.30 -9.43	19.55 0.24 -10.17	20.06 0.26 -10.43	20.55 0.32 -9.32	22.16 0.27 -11.75	22.40 0.24 -12.14	22.95 0.33 -10.32	21.70 0.32 -9.19	22.86 0.30 -11.38	22.61 0.28 -12.04	22.90 0.23 -14.12	22.93 0.23 -14.05	23.05 0.22 -14.18	23.98 0.23 -15.26	31.61 0.22 -24.13	35.79 0.27 -26.93	40.55 0.27 -31.78	35.67 0.33 -25.98	38.07 0.37 -25.46	30.44 0.35 -19.81	28.16 0.28 -18.76	26.83 0.20 -18.86
HUNTINGTON_RES_REC 323705	26.73 1.21 -14.66	27.13 1.34 -13.58	23.75 1.24 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.05 1.15 -7.99	21.33 1.11 -10.08	21.56 1.12 -10.42	22.82 1.46 -9.06	30.74 1.45 -17.09	26.14 1.25 -13.70	25.79 1.18 -14.30	26.71 0.97 -17.18	27.21 0.98 -17.59	26.51 1.00 -16.86	29.70 0.96 -20.24	32.30 0.83 -24.20	41.71 0.97 -32.16	41.35 0.93 -31.92	34.62 1.03 -24.23	36.06 1.32 -22.50	28.37 1.09 -17.00	26.68 0.99 -16.57	25.11 0.87 -16.47
HUNTLEY___63 23557	12.67 -0.23 -2.03	13.30 -0.24 -1.34	12.15 -0.28 -1.20	10.18 -0.26 -1.30	10.40 -0.29 -1.33	11.90 -0.21 -1.19	11.30 -0.34 -1.51	11.14 -0.45 -1.57	13.01 -0.63 -1.34	12.81 -0.59 -1.20	12.30 -0.38 -1.49	11.62 -0.26 -1.58	10.27 -0.13 -1.85	10.26 -0.22 -1.83	10.26 -0.24 -1.85	10.27 -0.22 -2.00	10.24 -0.21 -3.19	11.82 -0.31 -3.54	12.28 -0.37 -4.16	12.28 -0.40 -3.32	14.98 -0.56 -3.29	12.27 -0.53 -2.52	11.08 -0.45 -2.41	10.03 -0.14 -2.40
HUNTLEY___64 23558	12.67 -0.23 -2.03	13.30 -0.24 -1.34	12.15 -0.28 -1.20	10.18 -0.26 -1.30	10.40 -0.29 -1.33	11.90 -0.21 -1.19	11.30 -0.34 -1.51	11.14 -0.45 -1.57	13.01 -0.63 -1.34	12.81 -0.59 -1.20	12.30 -0.38 -1.49	11.62 -0.26 -1.58	10.27 -0.13 -1.85	10.26 -0.22 -1.83	10.26 -0.24 -1.85	10.27 -0.22 -2.00	10.24 -0.21 -3.19	11.82 -0.31 -3.54	12.28 -0.37 -4.16	12.28 -0.40 -3.32	14.98 -0.56 -3.29	12.27 -0.53 -2.52	11.08 -0.45 -2.41	10.03 -0.14 -2.40
HUNTLEY___65 23559	12.67 -0.23 -2.03	13.30 -0.24 -1.34	12.15 -0.28 -1.20	10.18 -0.26 -1.30	10.40 -0.29 -1.33	11.90 -0.21 -1.19	11.30 -0.34 -1.51	11.14 -0.45 -1.57	13.01 -0.63 -1.34	12.81 -0.59 -1.20	12.30 -0.38 -1.49	11.62 -0.26 -1.58	10.27 -0.13 -1.85	10.26 -0.22 -1.83	10.26 -0.24 -1.85	10.27 -0.22 -2.00	10.24 -0.21 -3.19	11.82 -0.31 -3.54	12.28 -0.37 -4.16	12.28 -0.40 -3.32	14.98 -0.56 -3.29	12.27 -0.53 -2.52	11.08 -0.45 -2.41	10.03 -0.14 -2.40
HUNTLEY___66 23560	12.67 -0.23 -2.03	13.30 -0.24 -1.34	12.15 -0.28 -1.20	10.18 -0.26 -1.30	10.40 -0.29 -1.33	11.90 -0.21 -1.19	11.30 -0.34 -1.51	11.14 -0.45 -1.57	13.01 -0.63 -1.34	12.81 -0.59 -1.20	12.30 -0.38 -1.49	11.62 -0.26 -1.58	10.27 -0.13 -1.85	10.26 -0.22 -1.83	10.26 -0.24 -1.85	10.27 -0.22 -2.00	10.24 -0.21 -3.19	11.82 -0.31 -3.54	12.28 -0.37 -4.16	12.28 -0.40 -3.32	14.98 -0.56 -3.29	12.27 -0.53 -2.52	11.08 -0.45 -2.41	10.03 -0.14 -2.40
HUNTLEY___67 23561	12.67 -0.26 -2.06	13.27 -0.29 -1.36	12.14 -0.31 -1.22	10.18 -0.27 -1.32	10.41 -0.31 -1.35	11.89 -0.24 -1.22	11.32 -0.35 -1.53	11.16 -0.45 -1.59	13.04 -0.61 -1.36	12.82 -0.59 -1.21	12.31 -0.39 -1.52	11.63 -0.27 -1.60	10.29 -0.14 -1.88	10.28 -0.22 -1.86	10.29 -0.24 -1.88	10.30 -0.22 -2.02	10.30 -0.21 -3.25	11.88 -0.31 -3.61	12.37 -0.37 -4.24	12.35 -0.40 -3.39	15.04 -0.56 -3.36	12.32 -0.53 -2.57	11.15 -0.44 -2.47	10.07 -0.15 -2.45
HUNTLEY___68 23562	12.67 -0.26 -2.06	13.27 -0.29 -1.36	12.14 -0.31 -1.22	10.18 -0.27 -1.32	10.41 -0.31 -1.35	11.89 -0.24 -1.22	11.32 -0.35 -1.53	11.16 -0.45 -1.59	13.04 -0.61 -1.36	12.82 -0.59 -1.21	12.31 -0.39 -1.52	11.63 -0.27 -1.60	10.29 -0.14 -1.88	10.28 -0.22 -1.86	10.29 -0.24 -1.88	10.30 -0.22 -2.02	10.30 -0.21 -3.25	11.88 -0.31 -3.61	12.37 -0.37 -4.24	12.35 -0.40 -3.39	15.04 -0.56 -3.36	12.32 -0.53 -2.57	11.15 -0.44 -2.47	10.07 -0.15 -2.45
HYLAND___LFGE 323620	13.56 0.48 -2.22	14.18 0.51 -1.46	13.00 0.46 -1.31	10.87 0.31 -1.42	11.12 0.30 -1.45	12.63 0.41 -1.30	12.07 0.29 -1.64	11.93 0.22 -1.69	13.93 0.20 -1.44	13.64 0.16 -1.29	13.01 0.21 -1.61	12.25 0.25 -1.70	10.78 0.24 -1.99	10.80 0.17 -1.98	10.82 0.17 -2.00	10.78 0.14 -2.15	10.88 0.14 -3.47	12.68 0.21 -3.88	13.31 0.25 -4.56	13.30 0.30 -3.64	16.32 0.47 -3.61	13.38 0.33 -2.76	12.01 0.24 -2.66	10.75 0.36 -2.63
INDECK___CORINTH 23802	28.76 0.21 -17.69	24.16 0.21 -11.74	21.96 0.17 -10.56	20.66 0.13 -11.39	21.20 0.15 -11.68	21.52 0.16 -10.44	23.47 0.15 -13.17	23.74 0.11 -13.62	24.06 0.20 -11.57	22.66 0.18 -10.28	24.10 0.25 -12.67	23.93 0.22 -13.42	24.48 0.17 -15.75	24.51 0.17 -15.69	24.64 0.16 -15.82	25.68 0.15 -17.03	34.06 0.13 -26.67	38.55 0.21 -29.77	43.92 0.22 -35.20	38.71 0.27 -29.08	40.92 0.32 -28.35	32.73 0.23 -22.22	30.17 0.16 -20.89	29.00 0.09 -21.15
INDECK___ILION 23567	10.81 -0.05 0.00	12.15 -0.06 0.00	11.16 -0.07 0.00	9.08 -0.06 0.00	9.30 -0.07 0.00	10.85 -0.07 0.00	10.08 -0.06 0.00	9.97 -0.05 0.00	12.25 -0.05 0.00	12.15 -0.05 0.00	11.13 -0.06 0.00	10.23 -0.07 0.00	8.48 -0.07 0.00	8.56 -0.09 0.00	8.55 -0.10 0.00	8.39 -0.10 0.00	7.18 -0.09 0.00	8.48 -0.10 0.00	8.40 -0.10 0.00	9.27 -0.09 0.00	12.15 -0.10 0.00	10.20 -0.08 0.00	9.05 -0.06 0.00	7.70 -0.06 0.00
INDECK___OLEAN 23982	13.13 -0.14 -2.41	13.65 -0.15 -1.59	12.47 -0.19 -1.43	10.50 -0.18 -1.54	10.74 -0.21 -1.58	12.21 -0.12 -1.41	11.69 -0.23 -1.78	11.56 -0.30 -1.84	13.47 -0.39 -1.57	13.24 -0.35 -1.40	12.72 -0.21 -1.75	12.04 -0.10 -1.85	10.67 -0.05 -2.16	10.66 -0.14 -2.15	10.67 -0.15 -2.17	10.70 -0.13 -2.34	10.91 -0.13 -3.77	12.60 -0.20 -4.21	13.19 -0.25 -4.95	13.04 -0.27 -3.95	15.81 -0.36 -3.92	12.90 -0.38 -3.00	11.66 -0.34 -2.88	10.51 -0.12 -2.86
INDECK___OSWEGO 23783	11.78 -0.26 -1.17	12.69 -0.29 -0.77	11.64 -0.28 -0.69	9.64 -0.25 -0.75	9.87 -0.26 -0.77	11.33 -0.27 -0.69	10.72 -0.28 -0.87	10.62 -0.29 -0.89	12.70 -0.36 -0.76	12.51 -0.37 -0.68	11.77 -0.27 -0.85	10.96 -0.24 -0.90	9.42 -0.19 -1.05	9.50 -0.19 -1.04	9.50 -0.20 -1.05	9.44 -0.20 -1.14	8.94 -0.16 -1.83	10.42 -0.21 -2.05	10.70 -0.20 -2.41	11.05 -0.23 -1.92	13.88 -0.27 -1.91	11.49 -0.26 -1.46	10.29 -0.23 -1.40	8.99 -0.17 -1.39



INDECK___YERKES 23781	12.68 -0.22 -2.03	13.31 -0.23 -1.34	12.15 -0.28 -1.20	10.19 -0.25 -1.30	10.41 -0.28 -1.33	11.91 -0.20 -1.19	11.30 -0.34 -1.50	11.11 -0.45 -1.55	13.00 -0.61 -1.32	12.79 -0.59 -1.18	12.28 -0.38 -1.47	11.61 -0.25 -1.56	10.26 -0.12 -1.82	10.23 -0.22 -1.81	10.23 -0.24 -1.83	10.24 -0.22 -1.97	10.21 -0.21 -3.16	11.81 -0.31 -3.54	12.27 -0.38 -4.16	12.28 -0.40 -3.32	14.97 -0.56 -3.29	12.25 -0.56 -2.52	11.07 -0.46 -2.41	10.04 -0.13 -2.40
INDIAN POINT_GT_1 24139	25.56 0.84 -13.86	22.01 0.92 -8.89	20.08 0.85 -7.99	18.45 0.69 -8.62	18.89 0.68 -8.84	19.61 0.80 -7.90	20.87 0.75 -9.97	21.09 0.76 -10.31	22.09 1.01 -8.78	21.10 1.02 -7.88	22.03 0.92 -9.93	21.62 0.85 -10.47	21.53 0.73 -12.25	21.49 0.73 -12.11	21.65 0.73 -12.26	22.42 0.71 -13.21	29.60 0.61 -21.73	33.55 0.71 -24.25	37.58 0.69 -28.40	32.37 0.75 -22.26	35.47 0.97 -22.25	27.90 0.79 -16.82	26.21 0.70 -16.39	24.37 0.59 -16.01
INDIAN POINT_GT_2 23659	25.56 0.84 -13.86	22.01 0.92 -8.89	20.08 0.85 -7.99	18.45 0.69 -8.62	18.89 0.68 -8.84	19.61 0.80 -7.90	20.87 0.75 -9.97	21.09 0.76 -10.31	22.09 1.01 -8.78	21.10 1.02 -7.88	22.03 0.92 -9.93	21.62 0.85 -10.47	21.53 0.73 -12.25	21.49 0.73 -12.11	21.65 0.73 -12.26	22.42 0.71 -13.21	29.60 0.61 -21.73	33.55 0.71 -24.25	37.58 0.69 -28.40	32.37 0.75 -22.26	35.47 0.97 -22.25	27.90 0.79 -16.82	26.21 0.70 -16.39	24.37 0.59 -16.01
INDIAN POINT_GT_3 24019	25.56 0.84 -13.86	22.01 0.92 -8.89	20.08 0.85 -7.99	18.45 0.69 -8.62	18.89 0.68 -8.84	19.61 0.80 -7.90	20.87 0.75 -9.97	21.09 0.76 -10.31	22.09 1.01 -8.78	21.10 1.02 -7.88	22.03 0.92 -9.93	21.62 0.85 -10.47	21.53 0.73 -12.25	21.49 0.73 -12.11	21.65 0.73 -12.26	22.42 0.71 -13.21	29.60 0.61 -21.73	33.55 0.71 -24.25	37.58 0.69 -28.40	32.37 0.75 -22.26	35.47 0.97 -22.25	27.90 0.79 -16.82	26.21 0.70 -16.39	24.37 0.59 -16.01
INDIAN POINT___2 23530	25.09 0.83 -13.40	21.88 0.92 -8.76	19.96 0.85 -7.88	18.32 0.69 -8.49	18.76 0.68 -8.72	19.50 0.80 -7.79	20.72 0.75 -9.83	20.94 0.76 -10.16	21.96 1.01 -8.65	20.98 1.02 -7.76	21.89 0.93 -9.78	21.47 0.85 -10.31	21.35 0.73 -12.07	21.31 0.73 -11.94	21.47 0.73 -12.08	22.24 0.72 -13.02	29.28 0.61 -21.40	33.19 0.71 -23.89	37.16 0.69 -27.97	32.04 0.75 -21.93	35.14 0.97 -21.92	27.65 0.79 -16.58	25.96 0.70 -16.15	24.13 0.59 -15.78
INDIAN POINT___3 23531	25.90 0.83 -14.21	22.01 0.90 -8.90	20.07 0.84 -8.00	18.44 0.68 -8.63	18.89 0.67 -8.85	19.61 0.79 -7.91	20.86 0.74 -9.98	21.08 0.75 -10.31	22.08 1.00 -8.79	21.08 1.00 -7.88	22.02 0.91 -9.93	21.62 0.84 -10.47	21.53 0.72 -12.25	21.49 0.72 -12.12	21.64 0.73 -12.27	22.42 0.71 -13.22	29.60 0.60 -21.73	33.55 0.70 -24.26	37.58 0.68 -28.40	32.36 0.74 -22.26	35.46 0.96 -22.26	27.90 0.79 -16.83	26.21 0.70 -16.39	24.37 0.58 -16.02
INGHAM_C_115KV_TB7 356103	10.65 -0.22 0.00	11.98 -0.23 0.00	10.99 -0.24 0.00	8.94 -0.20 0.00	9.16 -0.21 0.00	10.70 -0.22 0.00	9.95 -0.19 0.00	9.84 -0.18 0.00	12.10 -0.20 0.00	11.99 -0.21 0.00	10.96 -0.22 0.00	10.05 -0.25 0.00	8.32 -0.23 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.26 0.00	8.27 -0.31 0.00	8.19 -0.31 0.00	9.06 -0.30 0.00	11.88 -0.37 0.00	10.02 -0.27 0.00	8.90 -0.22 0.00	7.57 -0.19 0.00
IP CORINTH___1 23988	28.82 0.27 -17.69	24.23 0.28 -11.74	22.01 0.22 -10.56	20.70 0.17 -11.39	21.25 0.20 -11.68	21.57 0.22 -10.44	23.51 0.21 -13.15	23.77 0.16 -13.60	24.11 0.26 -11.55	22.70 0.24 -10.26	24.14 0.30 -12.65	23.97 0.27 -13.40	24.50 0.21 -15.73	24.53 0.22 -15.67	24.67 0.22 -15.80	25.70 0.20 -17.00	34.06 0.17 -26.62	38.56 0.26 -29.72	43.91 0.26 -35.14	38.71 0.32 -29.04	40.95 0.39 -28.31	32.76 0.29 -22.18	30.19 0.21 -20.86	29.01 0.12 -21.12
IP___TICONDEROGA 23804	29.37 0.85 -17.65	24.82 0.89 -11.72	22.53 0.76 -10.54	21.11 0.60 -11.37	21.70 0.67 -11.66	22.09 0.75 -10.42	23.96 0.69 -13.13	24.17 0.58 -13.57	24.65 0.82 -11.53	23.23 0.79 -10.24	24.68 0.87 -12.63	24.45 0.78 -13.37	24.85 0.60 -15.70	24.88 0.59 -15.64	25.00 0.58 -15.77	26.01 0.54 -16.97	34.29 0.47 -26.55	38.87 0.65 -29.64	44.23 0.68 -35.05	39.15 0.81 -28.98	41.53 1.04 -28.25	33.23 0.80 -22.15	30.58 0.65 -20.81	29.32 0.47 -21.08
ISLIP_RES_REC 323679	26.82 1.29 -14.66	27.24 1.45 -13.58	23.85 1.34 -11.29	20.20 1.08 -9.98	19.40 1.10 -8.94	20.15 1.24 -7.99	21.43 1.21 -10.08	21.65 1.21 -10.42	22.93 1.57 -9.06	30.85 1.56 -17.09	26.24 1.35 -13.70	25.88 1.28 -14.30	26.79 1.06 -17.18	27.30 1.05 -17.60	26.57 1.06 -16.86	29.79 1.04 -20.25	32.37 0.89 -24.22	41.80 1.05 -32.17	41.44 1.01 -31.93	34.71 1.10 -24.24	36.17 1.42 -22.51	28.47 1.17 -17.01	26.75 1.07 -16.57	25.17 0.93 -16.47
JAMAICA__27_KV_LOAD 355505	25.99 1.02 -14.10	22.32 1.12 -8.99	20.34 1.02 -8.09	18.67 0.80 -8.72	19.11 0.81 -8.94	19.88 0.97 -7.99	21.17 0.94 -10.08	21.44 0.99 -10.43	22.40 1.22 -8.89	21.40 1.23 -7.98	22.31 1.07 -10.05	21.90 1.00 -10.60	21.79 0.85 -12.39	21.76 0.86 -12.26	21.94 0.88 -12.41	22.73 0.87 -13.37	29.96 0.73 -21.97	33.95 0.86 -24.51	38.04 0.85 -28.70	32.76 0.91 -22.49	35.91 1.18 -22.49	28.25 0.97 -17.00	26.58 0.90 -16.56	24.68 0.73 -16.18
JANIS___SOLAR 323808	14.61 0.51 -3.24	14.93 0.59 -2.13	13.66 0.52 -1.92	11.59 0.38 -2.07	11.88 0.39 -2.12	13.30 0.49 -1.90	12.93 0.40 -2.39	12.86 0.37 -2.47	14.82 0.42 -2.10	14.41 0.33 -1.88	13.89 0.36 -2.35	13.08 0.30 -2.48	11.66 0.20 -2.91	11.73 0.20 -2.88	11.76 0.20 -2.92	11.87 0.24 -3.14	12.55 0.21 -5.07	14.54 0.29 -5.66	15.48 0.33 -6.65	15.09 0.41 -5.32	18.18 0.67 -5.27	14.83 0.51 -4.03	13.44 0.45 -3.88	11.94 0.33 -3.84
JARVIS____ 23743	10.89 0.02 0.00	12.23 0.02 0.00	11.24 0.01 0.00	9.15 0.01 0.00	9.37 0.00 0.00	10.93 0.01 0.00	10.14 0.00 0.00	10.02 0.00 0.00	12.31 0.01 0.00	12.21 0.01 0.00	11.21 0.02 0.00	10.32 0.02 0.00	8.57 0.02 0.00	8.66 0.01 0.00	8.66 0.01 0.00	8.50 0.01 0.00	7.27 0.01 0.00	8.59 0.01 0.00	8.50 0.00 0.00	9.37 0.01 0.00	12.27 0.02 0.00	10.29 0.01 0.00	9.13 0.01 0.00	7.77 0.00 0.00
JENNISON___1 23625	15.48 0.61 -4.01	15.54 0.70 -2.64	14.22 0.62 -2.37	12.17 0.47 -2.56	12.46 0.47 -2.63	13.83 0.57 -2.35	13.58 0.48 -2.96	13.55 0.47 -3.06	15.49 0.59 -2.61	15.05 0.52 -2.33	14.65 0.56 -2.91	13.86 0.48 -3.08	12.50 0.34 -3.60	12.58 0.36 -3.57	12.62 0.36 -3.61	12.76 0.37 -3.89	13.86 0.31 -6.28	15.98 0.39 -7.01	17.12 0.39 -8.23	16.43 0.49 -6.58	19.52 0.76 -6.52	15.86 0.59 -4.99	14.44 0.52 -4.80	12.89 0.37 -4.75
JENNISON___2 23626	15.48 0.61 -4.01	15.54 0.70 -2.64	14.22 0.62 -2.37	12.17 0.47 -2.56	12.46 0.47 -2.63	13.83 0.57 -2.35	13.58 0.48 -2.96	13.55 0.47 -3.06	15.49 0.59 -2.61	15.05 0.52 -2.33	14.65 0.56 -2.91	13.86 0.48 -3.08	12.50 0.34 -3.60	12.58 0.36 -3.57	12.62 0.36 -3.61	12.76 0.37 -3.89	13.86 0.31 -6.28	15.98 0.39 -7.01	17.12 0.39 -8.23	16.43 0.49 -6.58	19.52 0.76 -6.52	15.86 0.59 -4.99	14.44 0.52 -4.80	12.89 0.37 -4.75

JERICO_RISE_WT_PWR 323719	10.63 -0.24 0.00	12.02 -0.18 0.00	11.14 -0.09 0.00	9.11 -0.04 0.00	9.37 0.00 0.00	10.88 -0.03 0.00	10.17 0.03 0.00	10.03 0.01 0.00	12.23 -0.06 0.00	12.01 -0.18 0.00	10.68 -0.50 0.00	9.71 -0.59 0.00	7.99 -0.56 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.94 -0.55 0.00	6.78 -0.49 0.00	8.11 -0.47 0.00	8.12 -0.37 0.00	9.02 -0.34 0.00	11.85 -0.39 0.00	10.01 -0.28 0.00	8.92 -0.19 0.00	7.63 -0.13 0.00
KATONAH__115KV_46KV_TB4 355592	25.99 0.89 -14.23	22.29 0.98 -9.10	20.30 0.89 -8.18	18.69 0.72 -8.83	19.15 0.73 -9.05	19.85 0.84 -8.09	21.13 0.78 -10.21	21.35 0.78 -10.55	22.34 1.06 -8.99	21.33 1.07 -8.06	22.31 0.97 -10.16	21.88 0.87 -10.71	21.82 0.74 -12.53	21.78 0.74 -12.39	21.95 0.75 -12.55	22.74 0.73 -13.52	30.11 0.62 -22.22	34.12 0.74 -24.80	38.25 0.71 -29.04	32.90 0.77 -22.77	36.04 1.03 -22.77	28.35 0.85 -17.21	26.63 0.75 -16.76	24.77 0.61 -16.39
KCE_NY_1 323755	28.98 0.51 -17.61	24.47 0.56 -11.70	22.24 0.49 -10.52	20.88 0.39 -11.34	21.42 0.41 -11.64	21.79 0.48 -10.40	23.71 0.45 -13.12	23.98 0.40 -13.56	24.36 0.54 -11.52	22.95 0.52 -10.23	24.32 0.53 -12.61	24.13 0.48 -13.35	24.63 0.40 -15.68	24.67 0.40 -15.62	24.80 0.40 -15.75	25.84 0.40 -16.95	34.09 0.34 -26.49	38.59 0.44 -29.57	43.91 0.43 -34.98	38.81 0.50 -28.96	41.07 0.62 -28.21	32.92 0.50 -22.13	30.32 0.42 -20.78	29.15 0.32 -21.07
KCE_NY_6_ESR 323823	12.86 -0.15 -2.15	13.45 -0.17 -1.41	12.29 -0.21 -1.27	10.31 -0.20 -1.37	10.55 -0.22 -1.41	12.03 -0.14 -1.26	11.46 -0.27 -1.59	11.29 -0.37 -1.64	13.19 -0.50 -1.40	12.97 -0.48 -1.25	12.45 -0.29 -1.56	11.78 -0.17 -1.65	10.42 -0.06 -1.93	10.40 -0.16 -1.91	10.40 -0.18 -1.93	10.42 -0.16 -2.08	10.47 -0.16 -3.36	12.09 -0.25 -3.76	12.60 -0.31 -4.41	12.56 -0.33 -3.53	15.28 -0.45 -3.49	12.49 -0.47 -2.68	11.29 -0.39 -2.57	10.21 -0.10 -2.55
KEDC_PORT_JEFF_GT2 24210	26.75 1.23 -14.66	27.17 1.38 -13.58	23.79 1.27 -11.29	20.15 1.02 -9.98	19.35 1.04 -8.94	20.08 1.18 -7.99	21.37 1.15 -10.08	21.59 1.15 -10.42	22.86 1.50 -9.06	30.77 1.49 -17.09	26.16 1.27 -13.70	25.81 1.20 -14.30	26.73 1.00 -17.18	27.24 0.99 -17.59	26.51 1.00 -16.86	29.72 0.98 -20.25	32.31 0.84 -24.21	41.70 0.95 -32.16	41.35 0.92 -31.93	34.60 1.00 -24.24	36.08 1.33 -22.51	28.39 1.10 -17.01	26.70 1.01 -16.57	25.12 0.89 -16.47
KEDC_PORT_JEFF_GT3 24211	26.75 1.23 -14.66	27.17 1.38 -13.58	23.79 1.27 -11.29	20.15 1.02 -9.98	19.35 1.04 -8.94	20.08 1.18 -7.99	21.37 1.15 -10.08	21.59 1.15 -10.42	22.86 1.50 -9.06	30.77 1.49 -17.09	26.16 1.27 -13.70	25.81 1.20 -14.30	26.73 1.00 -17.18	27.24 0.99 -17.59	26.51 1.00 -16.86	29.72 0.98 -20.25	32.31 0.84 -24.21	41.70 0.95 -32.16	41.35 0.92 -31.93	34.60 1.00 -24.24	36.08 1.33 -22.51	28.39 1.10 -17.01	26.70 1.01 -16.57	25.12 0.89 -16.47
KEDC_GLWD_GT4 24219	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	19.98 0.85 -9.98	19.17 0.86 -8.94	19.90 0.99 -7.99	21.17 0.94 -10.08	21.39 0.95 -10.42	22.60 1.24 -9.06	30.54 1.26 -17.09	26.03 1.14 -13.70	25.66 1.06 -14.30	26.63 0.90 -17.18	27.14 0.90 -17.59	26.42 0.91 -16.86	29.63 0.89 -20.25	32.23 0.76 -24.21	41.63 0.88 -32.16	41.27 0.85 -31.93	34.52 0.93 -24.23	35.93 1.19 -22.50	28.27 0.98 -17.01	26.54 0.86 -16.57	24.97 0.73 -16.47
KEDC_GLWD_GT5 24220	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	19.98 0.85 -9.98	19.17 0.86 -8.94	19.90 0.99 -7.99	21.17 0.94 -10.08	21.39 0.95 -10.42	22.60 1.24 -9.06	30.54 1.26 -17.09	26.03 1.14 -13.70	25.66 1.06 -14.30	26.63 0.90 -17.18	27.14 0.90 -17.59	26.42 0.91 -16.86	29.63 0.89 -20.25	32.23 0.76 -24.21	41.63 0.88 -32.16	41.27 0.85 -31.93	34.52 0.93 -24.23	35.93 1.19 -22.50	28.27 0.98 -17.01	26.54 0.86 -16.57	24.97 0.73 -16.47
KENSICO____ 23655	25.81 0.86 -14.09	22.12 0.94 -8.97	20.17 0.88 -8.06	18.54 0.70 -8.70	19.00 0.71 -8.92	19.72 0.83 -7.97	20.98 0.78 -10.06	21.20 0.79 -10.40	22.20 1.05 -8.86	21.19 1.05 -7.94	22.15 0.95 -10.01	21.74 0.89 -10.56	21.66 0.75 -12.35	21.62 0.75 -12.22	21.78 0.76 -12.37	22.56 0.74 -13.33	29.81 0.63 -21.91	33.77 0.73 -24.46	37.85 0.71 -28.64	32.58 0.78 -22.44	35.69 1.00 -22.44	28.08 0.83 -16.96	26.38 0.74 -16.53	24.52 0.61 -16.15
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.84 0.90 -12.08	21.09 1.00 -7.88	19.22 0.91 -7.08	17.50 0.72 -7.64	17.93 0.72 -7.84	18.75 0.83 -7.00	19.77 0.79 -8.83	19.96 0.81 -9.13	21.13 1.06 -7.78	20.23 1.07 -6.96	20.86 0.94 -8.73	20.39 0.88 -9.22	20.10 0.75 -10.79	20.09 0.75 -10.69	20.22 0.76 -10.81	20.90 0.76 -11.65	26.89 0.65 -18.97	30.50 0.74 -21.17	34.05 0.71 -24.84	29.82 0.80 -19.67	32.84 1.03 -19.57	26.08 0.89 -14.90	24.33 0.80 -14.41	22.62 0.67 -14.18
KIAC_JFK_GT1 23816	25.91 0.94 -14.10	22.23 1.04 -8.99	20.27 0.95 -8.09	18.61 0.75 -8.72	19.06 0.75 -8.94	19.82 0.91 -7.99	21.11 0.88 -10.09	21.38 0.93 -10.43	22.33 1.14 -8.89	21.33 1.16 -7.98	22.24 1.01 -10.05	21.83 0.93 -10.60	21.74 0.79 -12.40	21.71 0.80 -12.26	21.89 0.83 -12.41	22.69 0.82 -13.37	29.89 0.65 -21.98	33.86 0.76 -24.52	37.96 0.76 -28.71	32.66 0.81 -22.50	35.78 1.04 -22.50	28.16 0.87 -17.00	26.51 0.83 -16.57	24.63 0.68 -16.18
KIAC_JFK_GT2 23817	25.91 0.94 -14.10	22.23 1.04 -8.99	20.27 0.95 -8.09	18.61 0.75 -8.72	19.06 0.75 -8.94	19.82 0.91 -7.99	21.11 0.88 -10.09	21.38 0.93 -10.43	22.33 1.14 -8.89	21.33 1.16 -7.98	22.24 1.01 -10.05	21.83 0.93 -10.60	21.74 0.79 -12.40	21.71 0.80 -12.26	21.89 0.83 -12.41	22.69 0.82 -13.37	29.89 0.65 -21.98	33.86 0.76 -24.52	37.96 0.76 -28.71	32.66 0.81 -22.50	35.78 1.04 -22.50	28.16 0.87 -17.00	26.51 0.83 -16.57	24.63 0.68 -16.18
KIAC_JFK____ 323774	25.91 0.94 -14.10	22.23 1.04 -8.99	20.27 0.95 -8.09	18.61 0.75 -8.72	19.06 0.75 -8.94	19.82 0.91 -7.99	21.11 0.88 -10.09	21.38 0.93 -10.43	22.33 1.14 -8.89	21.33 1.16 -7.98	22.24 1.01 -10.05	21.83 0.93 -10.60	21.74 0.79 -12.40	21.71 0.80 -12.26	21.89 0.83 -12.41	22.69 0.82 -13.37	29.89 0.65 -21.98	33.86 0.76 -24.52	37.96 0.76 -28.71	32.66 0.81 -22.50	35.78 1.04 -22.50	28.16 0.87 -17.00	26.51 0.83 -16.57	24.63 0.68 -16.18
KINTIGH____ 23543	12.46 -0.23 -1.82	13.15 -0.26 -1.20	12.04 -0.27 -1.08	10.07 -0.24 -1.16	10.29 -0.27 -1.19	11.77 -0.21 -1.06	11.19 -0.29 -1.34	11.03 -0.37 -1.39	12.96 -0.52 -1.18	12.75 -0.50 -1.06	12.19 -0.31 -1.32	11.47 -0.23 -1.39	10.08 -0.10 -1.63	10.10 -0.17 -1.62	10.10 -0.18 -1.64	10.09 -0.17 -1.76	9.97 -0.15 -2.86	11.52 -0.24 -3.18	11.94 -0.30 -3.74	12.02 -0.33 -2.99	14.75 -0.45 -2.96	12.12 -0.43 -2.27	10.94 -0.36 -2.18	9.82 -0.10 -2.16
KNTFSRNC_46_KV_46KV_LOAD 80397	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.21 0.07 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.28 0.26 0.00	12.53 0.23 0.00	12.29 0.10 0.00	10.86 -0.32 0.00	9.89 -0.41 0.00	8.12 -0.44 0.00	8.18 -0.47 0.00	8.18 -0.47 0.00	8.06 -0.43 0.00	6.89 -0.38 0.00	8.27 -0.32 0.00	8.29 -0.20 0.00	9.22 -0.14 0.00	12.01 -0.23 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.73 -0.04 0.00

LACHUTE___HYDRO 323717	29.37 0.85 -17.65	24.82 0.89 -11.72	22.54 0.76 -10.54	21.11 0.60 -11.37	21.70 0.67 -11.66	22.09 0.75 -10.42	23.98 0.69 -13.15	24.19 0.58 -13.59	24.66 0.81 -11.55	23.26 0.80 -10.26	24.70 0.87 -12.65	24.47 0.78 -13.39	24.87 0.60 -15.72	24.90 0.59 -15.66	25.02 0.58 -15.79	26.04 0.54 -17.00	34.33 0.47 -26.59	38.92 0.65 -29.68	44.29 0.68 -35.11	39.19 0.81 -29.03	41.58 1.04 -28.29	33.27 0.80 -22.18	30.62 0.66 -20.85	29.36 0.47 -21.12
LAWRNCV_115KV_TB1 80681	10.40 -0.47 0.00	11.71 -0.50 0.00	10.79 -0.44 0.00	8.80 -0.34 0.00	9.04 -0.33 0.00	10.49 -0.43 0.00	9.80 -0.34 0.00	9.68 -0.34 0.00	11.84 -0.45 0.00	11.71 -0.49 0.00	10.57 -0.62 0.00	9.71 -0.59 0.00	8.03 -0.52 0.00	8.12 -0.53 0.00	8.12 -0.53 0.00	7.99 -0.50 0.00	6.83 -0.44 0.00	8.12 -0.46 0.00	8.09 -0.41 0.00	8.94 -0.42 0.00	11.68 -0.56 0.00	9.84 -0.44 0.00	8.72 -0.39 0.00	7.41 -0.36 0.00
LEDERLE___ 23769	24.63 0.88 -12.88	21.79 0.99 -8.60	19.87 0.91 -7.73	18.21 0.73 -8.34	18.65 0.73 -8.55	19.41 0.85 -7.64	20.58 0.80 -9.64	20.79 0.81 -9.96	21.85 1.07 -8.49	20.89 1.09 -7.61	21.76 0.98 -9.59	21.33 0.92 -10.12	21.17 0.78 -11.84	21.14 0.78 -11.71	21.30 0.80 -11.85	22.04 0.77 -12.77	28.91 0.66 -20.99	32.78 0.76 -23.43	36.67 0.74 -27.43	31.68 0.81 -21.51	34.79 1.04 -21.50	27.42 0.87 -16.26	25.73 0.77 -15.84	23.88 0.64 -15.48
LIGHTHSE_115KV_TB6 355974	11.80 -0.13 -1.06	12.76 -0.15 -0.70	11.71 -0.15 -0.63	9.67 -0.15 -0.68	9.91 -0.15 -0.69	11.38 -0.15 -0.62	10.75 -0.17 -0.78	10.65 -0.18 -0.81	12.76 -0.22 -0.69	12.57 -0.24 -0.62	11.76 -0.19 -0.77	10.93 -0.19 -0.81	9.35 -0.15 -0.95	9.43 -0.16 -0.94	9.43 -0.17 -0.95	9.36 -0.16 -1.03	8.79 -0.13 -1.66	10.26 -0.17 -1.85	10.52 -0.15 -2.18	10.95 -0.15 -1.74	13.83 -0.13 -1.72	11.46 -0.14 -1.32	10.29 -0.10 -1.27	8.92 -0.11 -1.26
LINDEN COGEN___ 23786	25.89 0.92 -14.10	22.21 1.01 -8.99	20.27 0.95 -8.09	18.62 0.76 -8.72	19.07 0.77 -8.94	19.83 0.92 -7.99	21.07 0.84 -10.09	21.33 0.88 -10.43	22.34 1.16 -8.89	21.34 1.17 -7.98	22.28 1.04 -10.05	21.86 0.96 -10.60	20.60 0.80 -11.24	20.74 0.80 -11.29	21.87 0.81 -12.41	22.64 0.78 -13.37	29.90 0.66 -21.98	33.86 0.76 -24.52	37.94 0.74 -28.71	32.67 0.81 -22.50	35.78 1.04 -22.50	28.13 0.84 -17.00	26.43 0.75 -16.57	24.57 0.62 -16.18
LINDHRST_69_KV_BK1 356055	26.73 1.21 -14.66	27.13 1.34 -13.58	23.75 1.24 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.06 1.16 -7.99	21.33 1.11 -10.08	21.56 1.12 -10.42	22.80 1.45 -9.06	30.72 1.44 -17.09	26.13 1.25 -13.70	25.77 1.17 -14.30	26.70 0.97 -17.18	27.23 0.99 -17.59	26.50 0.99 -16.86	29.70 0.96 -20.25	32.31 0.84 -24.21	41.73 0.99 -32.16	41.36 0.94 -31.92	34.62 1.03 -24.23	36.07 1.32 -22.50	28.40 1.11 -17.01	26.70 1.02 -16.56	25.10 0.87 -16.46
LIPA_MISC_IPP 23656	26.69 1.16 -14.66	27.11 1.32 -13.58	23.73 1.21 -11.29	20.09 0.97 -9.98	19.29 0.98 -8.94	20.02 1.11 -7.99	21.32 1.10 -10.08	21.53 1.09 -10.42	22.78 1.43 -9.06	30.70 1.41 -17.09	26.10 1.22 -13.70	25.75 1.15 -14.30	26.69 0.96 -17.18	27.19 0.95 -17.59	26.46 0.95 -16.86	29.68 0.93 -20.25	32.27 0.80 -24.21	41.68 0.94 -32.16	41.33 0.91 -31.92	34.58 0.99 -24.23	36.02 1.27 -22.50	28.38 1.09 -17.01	26.67 0.99 -16.56	25.07 0.84 -16.46
LISF___SOLAR 323691	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.10 0.98 -9.98	19.30 0.99 -8.94	20.02 1.11 -7.99	21.33 1.11 -10.08	21.54 1.10 -10.42	22.79 1.44 -9.06	30.71 1.43 -17.09	26.12 1.23 -13.70	25.77 1.16 -14.30	26.70 0.97 -17.18	27.20 0.96 -17.59	26.48 0.97 -16.86	29.69 0.94 -20.25	32.28 0.81 -24.21	41.70 0.95 -32.16	41.36 0.93 -31.93	34.61 1.01 -24.24	36.04 1.29 -22.51	28.37 1.08 -17.01	26.66 0.98 -16.57	25.08 0.85 -16.47
LITTLE FALLS___HYD 24013	10.65 -0.22 0.00	11.98 -0.23 0.00	10.99 -0.24 0.00	8.94 -0.20 0.00	9.16 -0.21 0.00	10.70 -0.22 0.00	9.95 -0.19 0.00	9.84 -0.18 0.00	12.10 -0.20 0.00	11.99 -0.21 0.00	10.96 -0.22 0.00	10.05 -0.25 0.00	8.32 -0.23 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.26 0.00	8.27 -0.31 0.00	8.19 -0.31 0.00	9.06 -0.30 0.00	11.88 -0.37 0.00	10.02 -0.27 0.00	8.90 -0.22 0.00	7.57 -0.19 0.00
LITTLRIV_115KV_TB1 356100	10.47 -0.39 0.00	11.79 -0.42 0.00	10.87 -0.36 0.00	8.86 -0.28 0.00	9.10 -0.26 0.00	10.56 -0.36 0.00	9.87 -0.27 0.00	9.75 -0.27 0.00	11.91 -0.38 0.00	11.78 -0.41 0.00	10.62 -0.56 0.00	9.75 -0.55 0.00	8.06 -0.50 0.00	8.16 -0.49 0.00	8.15 -0.49 0.00	8.03 -0.47 0.00	6.86 -0.41 0.00	8.16 -0.42 0.00	8.15 -0.35 0.00	9.00 -0.36 0.00	11.79 -0.45 0.00	9.92 -0.36 0.00	8.80 -0.32 0.00	7.45 -0.32 0.00
LI_NEWBRDGE___DRP 323616	26.57 1.04 -14.66	26.95 1.16 -13.58	23.59 1.08 -11.29	19.98 0.86 -9.98	19.19 0.88 -8.94	19.90 0.99 -7.99	21.18 0.95 -10.08	21.41 0.97 -10.42	22.62 1.27 -9.06	30.54 1.26 -17.09	25.98 1.10 -13.70	25.62 1.02 -14.30	26.58 0.85 -17.18	27.09 0.86 -17.59	26.37 0.86 -16.86	29.58 0.84 -20.24	32.20 0.73 -24.20	41.58 0.85 -32.15	41.22 0.81 -31.92	34.47 0.88 -24.23	35.86 1.13 -22.49	28.23 0.95 -17.00	26.56 0.88 -16.56	24.97 0.74 -16.46
LOCKPORT_115KV_TB60_63_64 80432	12.53 -0.28 -1.95	13.17 -0.32 -1.28	12.05 -0.34 -1.15	10.08 -0.30 -1.24	10.30 -0.34 -1.28	11.79 -0.27 -1.15	11.18 -0.41 -1.45	11.01 -0.52 -1.52	12.87 -0.71 -1.29	12.67 -0.68 -1.15	12.17 -0.46 -1.44	11.48 -0.34 -1.52	10.15 -0.19 -1.78	10.13 -0.29 -1.77	10.13 -0.30 -1.79	10.14 -0.28 -1.93	10.10 -0.25 -3.09	11.63 -0.36 -3.40	12.07 -0.42 -4.00	12.10 -0.46 -3.19	14.77 -0.64 -3.17	12.12 -0.59 -2.42	10.95 -0.49 -2.33	9.91 -0.16 -2.31
LOCKPORT___CC1 323769	12.56 -0.27 -1.96	13.18 -0.32 -1.29	12.05 -0.34 -1.16	10.09 -0.30 -1.25	10.32 -0.33 -1.28	11.80 -0.26 -1.15	11.19 -0.40 -1.45	11.00 -0.51 -1.50	12.88 -0.69 -1.27	12.66 -0.67 -1.14	12.15 -0.46 -1.42	11.47 -0.33 -1.50	10.13 -0.18 -1.76	10.12 -0.28 -1.75	10.12 -0.29 -1.77	10.12 -0.27 -1.90	10.08 -0.25 -3.07	11.66 -0.35 -3.43	12.10 -0.42 -4.03	12.13 -0.45 -3.22	14.81 -0.62 -3.19	12.13 -0.60 -2.44	10.97 -0.49 -2.35	9.94 -0.16 -2.32
LOCKPORT___CC2 323770	12.56 -0.27 -1.96	13.18 -0.32 -1.29	12.05 -0.34 -1.16	10.09 -0.30 -1.25	10.32 -0.33 -1.28	11.80 -0.26 -1.15	11.19 -0.40 -1.45	11.00 -0.51 -1.50	12.88 -0.69 -1.27	12.66 -0.67 -1.14	12.15 -0.46 -1.42	11.47 -0.33 -1.50	10.13 -0.18 -1.76	10.12 -0.28 -1.75	10.12 -0.29 -1.77	10.12 -0.27 -1.90	10.08 -0.25 -3.07	11.66 -0.35 -3.43	12.10 -0.42 -4.03	12.13 -0.45 -3.22	14.81 -0.62 -3.19	12.13 -0.60 -2.44	10.97 -0.49 -2.35	9.94 -0.16 -2.32
LOCKPORT___CC3 323771	12.56 -0.27 -1.96	13.18 -0.32 -1.29	12.05 -0.34 -1.16	10.09 -0.30 -1.25	10.32 -0.33 -1.28	11.80 -0.26 -1.15	11.19 -0.40 -1.45	11.00 -0.51 -1.50	12.88 -0.69 -1.27	12.66 -0.67 -1.14	12.15 -0.46 -1.42	11.47 -0.33 -1.50	10.13 -0.18 -1.76	10.12 -0.28 -1.75	10.12 -0.29 -1.77	10.12 -0.27 -1.90	10.08 -0.25 -3.07	11.66 -0.35 -3.43	12.10 -0.42 -4.03	12.13 -0.45 -3.22	14.81 -0.62 -3.19	12.13 -0.60 -2.44	10.97 -0.49 -2.35	9.94 -0.16 -2.32

LONG_LAKE_PHOENIX 24014	11.84 -0.22 -1.19	12.74 -0.26 -0.79	11.70 -0.24 -0.71	9.69 -0.21 -0.76	9.92 -0.22 -0.78	11.39 -0.23 -0.70	10.77 -0.25 -0.88	10.67 -0.26 -0.91	12.76 -0.31 -0.78	12.57 -0.32 -0.69	11.83 -0.22 -0.87	11.02 -0.20 -0.92	9.47 -0.15 -1.07	9.56 -0.16 -1.06	9.57 -0.16 -1.07	9.50 -0.15 -1.16	9.01 -0.12 -1.87	10.51 -0.16 -2.09	10.79 -0.16 -2.45	11.12 -0.20 -1.96	13.97 -0.22 -1.94	11.58 -0.20 -1.49	10.36 -0.18 -1.43	9.04 -0.14 -1.42
LOVETT___3 23632	24.59 0.81 -12.91	21.78 0.94 -8.63	19.87 0.88 -7.76	18.21 0.69 -8.37	18.66 0.70 -8.59	19.41 0.82 -7.67	20.60 0.77 -9.68	20.81 0.78 -10.01	21.85 1.03 -8.53	20.88 1.04 -7.65	21.76 0.94 -9.64	21.34 0.88 -10.16	21.19 0.74 -11.89	21.15 0.74 -11.76	21.30 0.75 -11.90	22.06 0.74 -12.83	28.98 0.63 -21.08	32.85 0.73 -23.53	36.76 0.71 -27.55	31.73 0.77 -21.60	34.84 0.99 -21.60	27.45 0.83 -16.33	25.76 0.74 -15.91	23.92 0.61 -15.55
LOVETT___4 23642	24.59 0.81 -12.91	21.78 0.94 -8.63	19.87 0.88 -7.76	18.21 0.69 -8.37	18.66 0.70 -8.59	19.41 0.82 -7.67	20.60 0.77 -9.68	20.81 0.78 -10.01	21.85 1.03 -8.53	20.88 1.04 -7.65	21.76 0.94 -9.64	21.34 0.88 -10.16	21.19 0.74 -11.89	21.15 0.74 -11.76	21.30 0.75 -11.90	22.06 0.74 -12.83	28.98 0.63 -21.08	32.85 0.73 -23.53	36.76 0.71 -27.55	31.73 0.77 -21.60	34.84 0.99 -21.60	27.45 0.83 -16.33	25.76 0.74 -15.91	23.92 0.61 -15.55
LOVETT___5 23593	24.59 0.81 -12.91	21.78 0.94 -8.63	19.87 0.88 -7.76	18.21 0.69 -8.37	18.66 0.70 -8.59	19.41 0.82 -7.67	20.60 0.77 -9.68	20.81 0.78 -10.01	21.85 1.03 -8.53	20.88 1.04 -7.65	21.76 0.94 -9.64	21.34 0.88 -10.16	21.19 0.74 -11.89	21.15 0.74 -11.76	21.30 0.75 -11.90	22.06 0.74 -12.83	28.98 0.63 -21.08	32.85 0.73 -23.53	36.76 0.71 -27.55	31.73 0.77 -21.60	34.84 0.99 -21.60	27.45 0.83 -16.33	25.76 0.74 -15.91	23.92 0.61 -15.55
LOWER_RAQUET___HYD 24057	10.33 -0.53 0.00	11.65 -0.56 0.00	10.72 -0.51 0.00	8.75 -0.39 0.00	8.99 -0.37 0.00	10.43 -0.49 0.00	9.75 -0.40 0.00	9.63 -0.39 0.00	11.77 -0.53 0.00	11.63 -0.56 0.00	10.50 -0.68 0.00	9.64 -0.66 0.00	7.96 -0.59 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.93 -0.57 0.00	6.78 -0.49 0.00	8.06 -0.52 0.00	8.04 -0.46 0.00	8.88 -0.48 0.00	11.62 -0.62 0.00	9.80 -0.48 0.00	8.68 -0.44 0.00	7.36 -0.40 0.00
LOWER___HUDSON 24059	28.36 0.36 -17.13	24.04 0.40 -11.43	21.87 0.37 -10.27	20.51 0.29 -11.08	21.03 0.30 -11.37	21.43 0.36 -10.16	23.31 0.35 -12.82	23.59 0.32 -13.25	23.96 0.42 -11.25	22.56 0.40 -9.97	23.79 0.39 -12.22	23.61 0.36 -12.95	24.07 0.30 -15.21	24.14 0.30 -15.19	24.24 0.29 -15.30	25.25 0.30 -16.46	32.93 0.25 -25.41	37.27 0.32 -28.37	42.46 0.31 -33.65	37.93 0.36 -28.21	40.01 0.45 -27.32	32.27 0.37 -21.62	29.56 0.31 -20.13	28.56 0.22 -20.58
LOWVILLE_115KV_TB2 356335	11.39 -0.01 -0.53	12.56 0.00 -0.35	11.52 -0.02 -0.31	9.45 -0.03 -0.34	9.69 -0.03 -0.35	11.18 -0.04 -0.31	10.48 -0.05 -0.39	10.37 -0.05 -0.40	12.57 -0.07 -0.34	12.38 -0.12 -0.31	11.42 -0.15 -0.38	10.53 -0.18 -0.41	8.86 -0.17 -0.48	8.87 -0.25 -0.47	8.86 -0.27 -0.48	8.75 -0.25 -0.51	7.88 -0.21 -0.83	9.31 -0.20 -0.93	9.49 -0.09 -1.09	10.18 -0.05 -0.87	13.13 0.02 -0.86	10.93 -0.01 -0.66	9.74 -0.01 -0.63	8.33 -0.07 -0.63
LUTHERFT_115KV_GLOB_FND_222 355753	28.97 0.50 -17.61	24.45 0.55 -11.70	22.23 0.48 -10.52	20.88 0.39 -11.34	21.42 0.41 -11.64	21.79 0.48 -10.40	23.69 0.45 -13.10	23.96 0.40 -13.54	24.33 0.53 -11.51	22.92 0.51 -10.22	24.30 0.53 -12.59	24.11 0.48 -13.33	24.61 0.40 -15.65	24.64 0.40 -15.60	24.77 0.40 -15.73	25.81 0.39 -16.92	34.04 0.33 -26.44	38.53 0.43 -29.52	43.85 0.43 -34.92	38.76 0.49 -28.91	41.03 0.62 -28.16	32.89 0.50 -22.10	30.28 0.41 -20.75	29.11 0.31 -21.04
LUTHERNY_35_KV_BK2 355980	28.98 0.51 -17.61	24.47 0.56 -11.70	22.24 0.49 -10.52	20.88 0.39 -11.34	21.42 0.41 -11.64	21.79 0.48 -10.40	23.69 0.45 -13.10	23.96 0.40 -13.54	24.34 0.54 -11.51	22.94 0.52 -10.22	24.30 0.53 -12.59	24.11 0.48 -13.33	24.61 0.40 -15.65	24.64 0.40 -15.60	24.77 0.40 -15.73	25.82 0.40 -16.92	34.05 0.34 -26.44	38.54 0.44 -29.52	43.85 0.43 -34.92	38.77 0.50 -28.91	41.03 0.62 -28.16	32.89 0.50 -22.10	30.28 0.42 -20.75	29.12 0.32 -21.04
LWR___OSWEGATCHIE_HYD 23850	10.92 -0.34 -0.39	12.11 -0.35 -0.26	11.14 -0.33 -0.23	9.13 -0.27 -0.25	9.36 -0.26 -0.26	10.81 -0.34 -0.23	10.15 -0.28 -0.29	10.04 -0.28 -0.30	12.17 -0.38 -0.25	12.00 -0.43 -0.23	10.96 -0.50 -0.28	10.10 -0.50 -0.30	8.46 -0.44 -0.35	8.51 -0.48 -0.35	8.51 -0.49 -0.35	8.41 -0.47 -0.38	7.48 -0.40 -0.61	8.85 -0.42 -0.69	8.96 -0.34 -0.81	9.68 -0.33 -0.64	12.50 -0.38 -0.64	10.45 -0.32 -0.49	9.31 -0.27 -0.47	7.94 -0.29 -0.47
LYONS_FALL_HYD 23570	11.42 0.05 -0.50	12.60 0.06 -0.33	11.56 0.03 -0.30	9.48 0.02 -0.32	9.71 0.02 -0.33	11.22 0.01 -0.29	10.51 0.00 -0.37	10.40 0.00 -0.38	12.62 0.00 -0.33	12.45 -0.04 -0.29	11.51 -0.03 -0.36	10.61 -0.07 -0.38	8.93 -0.08 -0.45	8.96 -0.14 -0.45	8.95 -0.15 -0.45	8.84 -0.14 -0.49	7.94 -0.11 -0.79	9.37 -0.09 -0.88	9.50 -0.03 -1.03	10.19 0.01 -0.82	13.15 0.09 -0.82	10.96 0.05 -0.62	9.75 0.04 -0.60	8.34 -0.02 -0.59
MADISON___COUNTY_LFGE 323628	11.90 0.21 -0.83	12.98 0.23 -0.54	11.91 0.19 -0.49	9.81 0.14 -0.53	10.04 0.13 -0.54	11.56 0.16 -0.48	10.88 0.13 -0.61	10.78 0.13 -0.63	12.99 0.16 -0.54	12.82 0.15 -0.48	11.96 0.18 -0.60	11.08 0.14 -0.63	9.39 0.09 -0.74	9.46 0.08 -0.73	9.47 0.08 -0.74	9.38 0.08 -0.80	8.63 0.07 -1.29	10.12 0.09 -1.44	10.30 0.11 -1.69	10.86 0.15 -1.35	13.86 0.27 -1.34	11.51 0.20 -1.03	10.27 0.16 -0.99	8.85 0.10 -0.98
MALONE___115KV_TB1 356076	10.63 -0.24 0.00	12.01 -0.20 0.00	11.12 -0.11 0.00	9.08 -0.06 0.00	9.34 -0.03 0.00	10.85 -0.07 0.00	10.16 0.02 0.00	10.02 0.00 0.00	12.23 -0.06 0.00	12.02 -0.17 0.00	10.69 -0.49 0.00	9.76 -0.54 0.00	8.03 -0.52 0.00	8.10 -0.54 0.00	8.11 -0.54 0.00	7.99 -0.51 0.00	6.82 -0.44 0.00	8.16 -0.42 0.00	8.17 -0.33 0.00	9.06 -0.30 0.00	11.89 -0.36 0.00	10.03 -0.26 0.00	8.92 -0.20 0.00	7.62 -0.15 0.00
MAPLEWOD_115KV_TB3 80458	28.37 0.40 -17.10	24.04 0.46 -11.37	21.85 0.40 -10.22	20.49 0.33 -11.02	21.02 0.35 -11.31	21.42 0.40 -10.10	23.24 0.38 -12.72	23.49 0.33 -13.15	23.90 0.44 -11.16	22.53 0.44 -9.89	23.74 0.42 -12.14	23.57 0.40 -12.86	24.00 0.33 -15.11	24.05 0.32 -15.08	24.16 0.32 -15.20	25.17 0.32 -16.35	32.83 0.28 -25.29	37.17 0.35 -28.23	42.32 0.35 -33.47	37.76 0.39 -28.01	39.88 0.49 -27.14	32.15 0.41 -21.45	29.45 0.33 -20.00	28.42 0.23 -20.42
MAPLE_RIDGE_WT_1 323574	10.60 -0.26 0.00	11.89 -0.32 0.00	10.93 -0.30 0.00	8.92 -0.22 0.00	9.17 -0.20 0.00	10.69 -0.23 0.00	9.96 -0.18 0.00	9.87 -0.15 0.00	12.11 -0.18 0.00	12.00 -0.20 0.00	10.94 -0.25 0.00	10.04 -0.26 0.00	8.31 -0.25 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.27 0.00	8.28 -0.30 0.00	8.23 -0.27 0.00	9.07 -0.29 0.00	11.83 -0.42 0.00	9.92 -0.36 0.00	8.80 -0.32 0.00	7.51 -0.26 0.00

MAPLE_RIDGE_WT_2 323611	10.60 -0.26 0.00	11.89 -0.32 0.00	10.93 -0.30 0.00	8.92 -0.22 0.00	9.17 -0.20 0.00	10.69 -0.23 0.00	9.96 -0.18 0.00	9.87 -0.15 0.00	12.11 -0.18 0.00	12.00 -0.20 0.00	10.94 -0.25 0.00	10.04 -0.26 0.00	8.31 -0.25 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.27 0.00	8.28 -0.30 0.00	8.23 -0.27 0.00	9.07 -0.29 0.00	11.83 -0.42 0.00	9.92 -0.36 0.00	8.80 -0.32 0.00	7.51 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	10.66 -0.21 0.00	12.05 -0.16 0.00	11.17 -0.06 0.00	9.13 -0.01 0.00	9.39 0.03 0.00	10.92 0.00 0.00	10.20 0.06 0.00	10.10 0.08 0.00	12.31 0.01 0.00	12.07 -0.12 0.00	10.72 -0.46 0.00	9.74 -0.56 0.00	8.01 -0.54 0.00	8.08 -0.57 0.00	8.09 -0.56 0.00	7.96 -0.53 0.00	6.80 -0.47 0.00	8.15 -0.44 0.00	8.16 -0.34 0.00	9.06 -0.30 0.00	11.88 -0.37 0.00	10.03 -0.26 0.00	8.94 -0.17 0.00	7.66 -0.11 0.00
MARSHVLE_115KV_TB1 80742	33.08 1.05 -21.16	27.33 1.15 -13.98	24.82 1.02 -12.57	23.52 0.82 -13.55	24.12 0.85 -13.90	24.33 0.99 -12.42	26.71 0.90 -15.67	27.05 0.84 -16.19	27.15 1.08 -13.77	25.50 1.04 -12.27	27.44 1.03 -15.23	27.33 0.93 -16.10	28.17 0.74 -18.88	28.18 0.76 -18.77	28.36 0.76 -18.95	29.67 0.77 -20.40	40.37 0.67 -32.43	45.58 0.79 -36.21	51.99 0.81 -42.68	44.99 0.94 -34.70	47.61 1.27 -34.09	37.72 1.02 -26.42	35.10 0.88 -25.11	33.62 0.70 -25.15
MARSH_HILL_WT_PWR 323713	13.70 0.24 -2.60	14.19 0.27 -1.71	12.99 0.22 -1.54	10.94 0.14 -1.66	11.19 0.12 -1.70	12.68 0.24 -1.52	12.17 0.11 -1.92	12.05 0.05 -1.98	14.02 0.04 -1.69	13.75 0.05 -1.51	13.25 0.18 -1.88	12.54 0.25 -1.99	11.11 0.22 -2.33	11.14 0.18 -2.31	11.15 0.16 -2.34	11.17 0.16 -2.52	11.46 0.13 -4.07	13.25 0.13 -4.54	13.93 0.09 -5.33	13.73 0.10 -4.26	16.63 0.16 -4.22	13.59 0.07 -3.23	12.28 0.06 -3.11	11.02 0.17 -3.08
MCINTYRE_115KV_TB2 80467	10.59 -0.27 0.00	11.93 -0.28 0.00	10.99 -0.24 0.00	8.96 -0.18 0.00	9.22 -0.15 0.00	10.67 -0.25 0.00	9.98 -0.16 0.00	9.86 -0.16 0.00	12.04 -0.26 0.00	11.90 -0.29 0.00	10.75 -0.44 0.00	9.87 -0.43 0.00	8.15 -0.40 0.00	8.25 -0.40 0.00	8.26 -0.39 0.00	8.12 -0.37 0.00	6.94 -0.32 0.00	8.27 -0.32 0.00	8.25 -0.25 0.00	9.12 -0.24 0.00	11.94 -0.31 0.00	10.05 -0.24 0.00	8.90 -0.22 0.00	7.53 -0.24 0.00
MECO____69_KV_BK1 80468	32.13 1.16 -20.10	26.76 1.26 -13.29	24.29 1.11 -11.95	22.92 0.90 -12.89	23.52 0.94 -13.22	23.81 1.08 -11.81	26.01 0.97 -14.90	26.29 0.87 -15.40	26.52 1.13 -13.09	24.94 1.09 -11.66	26.76 1.12 -14.46	26.58 0.99 -15.29	27.26 0.77 -17.93	27.30 0.81 -17.83	27.47 0.82 -18.00	28.71 0.84 -19.38	38.71 0.72 -30.73	43.79 0.90 -34.30	49.90 0.94 -40.46	43.44 1.10 -32.97	46.03 1.43 -32.36	36.54 1.13 -25.12	33.91 0.96 -23.84	32.44 0.76 -23.92
MENANDS__115KV_TB5 355628	28.02 0.23 -16.92	23.74 0.28 -11.25	21.60 0.26 -10.11	20.25 0.20 -10.91	20.77 0.22 -11.19	21.17 0.26 -10.00	22.96 0.23 -12.59	23.22 0.20 -13.01	23.62 0.28 -11.05	22.25 0.27 -9.79	23.46 0.28 -12.00	23.28 0.27 -12.72	23.71 0.21 -14.94	23.77 0.21 -14.91	23.87 0.20 -15.02	24.85 0.20 -16.16	32.40 0.17 -24.96	36.66 0.21 -27.86	41.76 0.21 -33.05	37.30 0.23 -27.70	39.36 0.29 -26.82	31.76 0.25 -21.23	29.08 0.19 -19.77	28.10 0.12 -20.20
MG INDUSTRY__DRP 24185	27.79 0.28 -16.64	23.53 0.32 -11.00	21.41 0.29 -9.89	20.05 0.24 -10.67	20.56 0.25 -10.94	20.99 0.29 -9.78	22.73 0.26 -12.32	22.99 0.23 -12.74	23.43 0.31 -10.83	22.13 0.30 -9.63	23.41 0.31 -11.91	23.19 0.29 -12.61	23.59 0.24 -14.79	23.60 0.23 -14.72	23.73 0.22 -14.85	24.71 0.23 -15.99	32.67 0.20 -25.21	36.97 0.24 -28.15	41.97 0.24 -33.23	36.88 0.27 -27.25	39.25 0.34 -26.66	31.36 0.29 -20.79	29.00 0.24 -19.64	27.74 0.19 -19.79
MID__OSWEGATCHIE_HYD 23849	10.92 -0.34 -0.39	12.11 -0.35 -0.26	11.14 -0.33 -0.23	9.13 -0.27 -0.25	9.36 -0.26 -0.26	10.81 -0.34 -0.23	10.15 -0.28 -0.29	10.04 -0.28 -0.30	12.17 -0.38 -0.25	12.00 -0.43 -0.23	10.96 -0.50 -0.28	10.10 -0.50 -0.30	8.46 -0.44 -0.35	8.51 -0.48 -0.35	8.51 -0.49 -0.35	8.41 -0.47 -0.38	7.48 -0.40 -0.61	8.85 -0.42 -0.69	8.96 -0.34 -0.81	9.68 -0.33 -0.64	12.50 -0.38 -0.64	10.45 -0.32 -0.49	9.31 -0.27 -0.47	7.94 -0.29 -0.47
MID__RAQUETTE_HYD 23851	10.33 -0.53 0.00	11.65 -0.56 0.00	10.72 -0.51 0.00	8.75 -0.39 0.00	8.99 -0.37 0.00	10.43 -0.49 0.00	9.75 -0.40 0.00	9.63 -0.39 0.00	11.78 -0.52 0.00	11.63 -0.56 0.00	10.50 -0.68 0.00	9.64 -0.66 0.00	7.96 -0.59 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.93 -0.57 0.00	6.78 -0.49 0.00	8.06 -0.52 0.00	8.04 -0.46 0.00	8.88 -0.48 0.00	11.62 -0.62 0.00	9.79 -0.49 0.00	8.68 -0.44 0.00	7.36 -0.40 0.00
MILLIKEN__1 23584	13.62 0.23 -2.53	14.13 0.26 -1.66	12.96 0.24 -1.50	10.92 0.16 -1.61	11.17 0.15 -1.66	12.61 0.22 -1.48	12.17 0.16 -1.87	12.10 0.15 -1.93	14.12 0.18 -1.64	13.82 0.16 -1.47	13.24 0.22 -1.84	12.46 0.22 -1.94	10.98 0.15 -2.27	11.07 0.16 -2.25	11.09 0.16 -2.28	11.13 0.18 -2.45	11.38 0.16 -3.96	13.19 0.19 -4.42	13.89 0.20 -5.19	13.72 0.21 -4.15	16.69 0.33 -4.11	13.69 0.26 -3.15	12.35 0.21 -3.03	10.94 0.18 -3.00
MILLIKEN__2 23585	13.62 0.23 -2.53	14.13 0.26 -1.66	12.96 0.24 -1.50	10.92 0.16 -1.61	11.17 0.15 -1.66	12.61 0.22 -1.48	12.17 0.16 -1.87	12.10 0.15 -1.93	14.12 0.18 -1.64	13.82 0.16 -1.47	13.24 0.22 -1.84	12.46 0.22 -1.94	10.98 0.15 -2.27	11.07 0.16 -2.25	11.09 0.16 -2.28	11.13 0.18 -2.45	11.38 0.16 -3.96	13.19 0.19 -4.42	13.89 0.20 -5.19	13.72 0.21 -4.15	16.69 0.33 -4.11	13.69 0.26 -3.15	12.35 0.21 -3.03	10.94 0.18 -3.00
MILLIKEN__DIESEL 23629	13.62 0.23 -2.53	14.13 0.26 -1.66	12.96 0.24 -1.50	10.92 0.16 -1.61	11.17 0.15 -1.66	12.61 0.22 -1.48	12.17 0.16 -1.87	12.10 0.15 -1.93	14.12 0.18 -1.64	13.82 0.16 -1.47	13.24 0.22 -1.84	12.46 0.22 -1.94	10.98 0.15 -2.27	11.07 0.16 -2.25	11.09 0.16 -2.28	11.13 0.18 -2.45	11.38 0.16 -3.96	13.19 0.19 -4.42	13.89 0.20 -5.19	13.72 0.21 -4.15	16.69 0.33 -4.11	13.69 0.26 -3.15	12.35 0.21 -3.03	10.94 0.18 -3.00
MILLSEAT__LFGE 323607	12.64 -0.12 -1.90	13.31 -0.15 -1.25	12.17 -0.18 -1.12	10.17 -0.18 -1.21	10.40 -0.21 -1.24	11.88 -0.14 -1.11	11.27 -0.27 -1.40	11.02 -0.44 -1.45	12.93 -0.60 -1.23	12.71 -0.59 -1.10	12.19 -0.37 -1.38	11.49 -0.27 -1.45	10.13 -0.13 -1.70	10.11 -0.23 -1.69	10.11 -0.24 -1.71	10.10 -0.24 -1.84	10.03 -0.20 -2.97	11.67 -0.23 -3.31	12.10 -0.29 -3.89	12.17 -0.30 -3.11	14.91 -0.42 -3.08	12.22 -0.42 -2.36	11.01 -0.37 -2.27	9.95 -0.06 -2.25
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.71 0.84 -14.01	22.07 0.93 -8.93	20.12 0.85 -8.03	18.49 0.69 -8.66	18.95 0.69 -8.89	19.66 0.81 -7.94	20.91 0.75 -10.02	21.14 0.77 -10.35	22.13 1.01 -8.82	21.13 1.02 -7.91	22.08 0.93 -9.97	21.67 0.85 -10.52	21.58 0.73 -12.30	21.54 0.73 -12.17	21.70 0.74 -12.32	22.48 0.71 -13.27	29.70 0.61 -21.82	33.66 0.71 -24.36	37.71 0.69 -28.52	32.46 0.75 -22.35	35.58 0.98 -22.35	27.99 0.81 -16.90	26.29 0.71 -16.46	24.44 0.59 -16.08

MILLWOOD_13_KV_LOAD 356217	25.75 0.87 -14.01	22.10 0.96 -8.93	20.15 0.89 -8.03	18.52 0.71 -8.66	18.96 0.71 -8.89	19.69 0.83 -7.94	20.94 0.78 -10.02	21.16 0.79 -10.35	22.16 1.05 -8.82	21.16 1.05 -7.91	22.11 0.95 -9.97	21.69 0.88 -10.52	21.60 0.74 -12.30	21.56 0.74 -12.17	21.72 0.75 -12.32	22.50 0.73 -13.27	29.71 0.62 -21.82	33.68 0.74 -24.36	37.74 0.71 -28.52	32.48 0.77 -22.35	35.61 1.02 -22.35	28.01 0.83 -16.90	26.31 0.74 -16.46	24.46 0.61 -16.08
MODEL_CITY_ENERGY 24167	12.45 -0.39 -1.97	13.07 -0.44 -1.30	11.94 -0.46 -1.17	10.01 -0.39 -1.26	10.24 -0.42 -1.29	11.70 -0.37 -1.16	11.10 -0.50 -1.46	10.91 -0.61 -1.51	12.75 -0.82 -1.28	12.55 -0.79 -1.15	12.05 -0.57 -1.43	11.38 -0.43 -1.51	10.05 -0.27 -1.77	10.05 -0.36 -1.76	10.04 -0.39 -1.78	10.05 -0.36 -1.91	10.03 -0.33 -3.09	11.58 -0.46 -3.45	12.03 -0.53 -4.06	12.04 -0.56 -3.24	14.68 -0.77 -3.21	12.03 -0.71 -2.46	10.89 -0.59 -2.36	9.88 -0.23 -2.34
MODERN_LFGE_ 323580	12.45 -0.39 -1.97	13.07 -0.44 -1.30	11.94 -0.46 -1.17	10.01 -0.39 -1.26	10.24 -0.42 -1.29	11.70 -0.37 -1.16	11.10 -0.50 -1.46	10.91 -0.61 -1.51	12.75 -0.82 -1.28	12.55 -0.79 -1.15	12.05 -0.57 -1.43	11.38 -0.43 -1.51	10.05 -0.27 -1.77	10.05 -0.36 -1.76	10.04 -0.39 -1.78	10.05 -0.36 -1.91	10.03 -0.33 -3.09	11.58 -0.46 -3.45	12.03 -0.53 -4.06	12.04 -0.56 -3.24	14.68 -0.77 -3.21	12.03 -0.71 -2.46	10.89 -0.59 -2.36	9.88 -0.23 -2.34
MOHAWK_PAPER___DRP 24187	28.37 0.40 -17.10	24.04 0.46 -11.37	21.85 0.40 -10.22	20.49 0.33 -11.02	21.02 0.35 -11.31	21.42 0.40 -10.10	23.24 0.38 -12.72	23.49 0.33 -13.15	23.90 0.44 -11.16	22.53 0.44 -9.89	23.74 0.42 -12.14	23.57 0.40 -12.86	24.00 0.33 -15.11	24.05 0.32 -15.08	24.16 0.32 -15.20	25.17 0.32 -16.35	32.83 0.28 -25.29	37.17 0.35 -28.23	42.32 0.35 -33.47	37.76 0.39 -28.01	39.88 0.49 -27.14	32.15 0.41 -21.45	29.45 0.33 -20.00	28.42 0.23 -20.42
MOHICAN__35_KV_115KV_LD 80490	28.89 0.39 -17.63	24.32 0.40 -11.71	22.11 0.35 -10.53	20.77 0.27 -11.36	21.32 0.30 -11.65	21.67 0.34 -10.41	23.59 0.32 -13.12	23.84 0.26 -13.56	24.20 0.38 -11.52	22.79 0.37 -10.23	24.21 0.41 -12.61	24.02 0.37 -13.35	24.53 0.30 -15.68	24.57 0.30 -15.62	24.69 0.29 -15.75	25.73 0.28 -16.95	34.02 0.25 -26.50	38.51 0.34 -29.59	43.85 0.36 -35.00	38.74 0.42 -28.95	40.97 0.51 -28.21	32.81 0.40 -22.13	30.21 0.31 -20.79	29.04 0.21 -21.06
MONGAUP___HYD 23641	23.42 0.51 -12.04	20.71 0.55 -7.95	18.87 0.49 -7.15	17.24 0.38 -7.71	17.66 0.38 -7.91	18.44 0.46 -7.07	19.50 0.44 -8.92	19.69 0.45 -9.22	20.74 0.59 -7.86	19.83 0.59 -7.04	20.58 0.53 -8.87	20.15 0.49 -9.36	19.92 0.42 -10.95	19.90 0.42 -10.83	20.03 0.42 -10.97	20.72 0.41 -11.81	27.02 0.36 -19.40	30.66 0.42 -21.66	34.27 0.41 -25.37	29.72 0.46 -19.91	32.71 0.58 -19.89	25.83 0.49 -15.05	24.18 0.42 -14.65	22.46 0.37 -14.33
MONTAUK___DIESEL 23721	27.07 1.54 -14.66	27.51 1.72 -13.58	24.09 1.57 -11.29	20.38 1.25 -9.98	19.58 1.27 -8.94	20.35 1.44 -7.99	21.63 1.41 -10.08	21.84 1.40 -10.42	23.17 1.82 -9.06	31.11 1.83 -17.09	26.51 1.63 -13.70	26.15 1.56 -14.30	27.04 1.31 -17.18	27.54 1.30 -17.59	26.80 1.30 -16.86	30.04 1.30 -20.25	32.58 1.11 -24.21	42.07 1.33 -32.16	41.73 1.31 -31.92	35.01 1.42 -24.23	36.55 1.81 -22.50	28.80 1.51 -17.01	27.04 1.36 -16.56	25.35 1.12 -16.46
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.27 0.15 -2.25	13.89 0.20 -1.48	12.65 0.09 -1.33	10.62 0.05 -1.44	10.87 0.03 -1.47	12.40 0.16 -1.32	11.79 -0.02 -1.67	11.64 -0.11 -1.74	13.61 -0.16 -1.48	13.41 -0.11 -1.32	12.86 0.02 -1.65	12.20 0.15 -1.74	10.77 0.18 -2.04	10.72 0.04 -2.02	10.69 0.00 -2.05	10.70 0.00 -2.20	10.77 -0.04 -3.54	12.40 -0.12 -3.94	12.94 -0.18 -4.62	12.88 -0.18 -3.69	15.65 -0.26 -3.66	12.77 -0.32 -2.80	11.55 -0.26 -2.69	10.41 -0.02 -2.67
MORTIMER_115KV_TB3 55949	12.46 -0.07 -1.66	13.21 -0.09 -1.09	12.11 -0.10 -0.98	10.08 -0.12 -1.06	10.32 -0.13 -1.09	11.79 -0.10 -0.97	11.21 -0.16 -1.23	11.07 -0.21 -1.26	13.07 -0.30 -1.07	12.86 -0.29 -0.96	12.25 -0.13 -1.20	11.46 -0.10 -1.27	10.03 -0.01 -1.48	10.08 -0.04 -1.47	10.10 -0.03 -1.49	10.03 -0.07 -1.60	9.82 -0.03 -2.59	11.39 -0.09 -2.90	11.76 -0.14 -3.40	11.92 -0.16 -2.72	14.72 -0.22 -2.69	12.13 -0.22 -2.06	10.90 -0.20 -1.98	9.72 -0.02 -1.96
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.89 0.92 -14.10	22.21 1.01 -8.99	20.25 0.94 -8.08	18.61 0.76 -8.71	19.08 0.77 -8.94	19.80 0.90 -7.98	21.05 0.83 -10.08	21.28 0.85 -10.41	22.28 1.12 -8.87	21.27 1.12 -7.95	22.23 1.02 -10.02	21.82 0.95 -10.57	21.73 0.80 -12.37	21.69 0.80 -12.23	21.85 0.81 -12.39	22.63 0.79 -13.35	29.89 0.68 -21.95	33.89 0.79 -24.51	37.96 0.76 -28.70	32.68 0.83 -22.49	35.81 1.08 -22.49	28.17 0.88 -17.00	26.46 0.78 -16.56	24.59 0.64 -16.18
MUNSVILLE_WIND_PWR 323609	15.33 0.84 -3.63	15.56 0.96 -2.39	14.22 0.84 -2.15	12.11 0.65 -2.31	12.41 0.67 -2.37	13.83 0.80 -2.12	13.50 0.68 -2.68	13.46 0.67 -2.77	15.47 0.82 -2.36	15.02 0.72 -2.11	14.54 0.73 -2.63	13.69 0.61 -2.78	12.21 0.40 -3.26	12.30 0.42 -3.23	12.33 0.42 -3.26	12.46 0.45 -3.52	13.31 0.36 -5.68	15.39 0.47 -6.34	16.45 0.50 -7.45	15.96 0.65 -5.95	19.19 1.05 -5.90	15.61 0.81 -4.52	14.17 0.71 -4.34	12.56 0.49 -4.30
N SALMON___HYD 24042	10.63 -0.24 0.00	12.01 -0.20 0.00	11.12 -0.11 0.00	9.08 -0.06 0.00	9.34 -0.03 0.00	10.85 -0.07 0.00	10.16 0.02 0.00	10.02 0.00 0.00	12.23 -0.06 0.00	12.02 -0.17 0.00	10.69 -0.49 0.00	9.76 -0.54 0.00	8.03 -0.52 0.00	8.11 -0.54 0.00	8.11 -0.54 0.00	7.99 -0.51 0.00	6.82 -0.44 0.00	8.16 -0.42 0.00	8.17 -0.33 0.00	9.06 -0.30 0.00	11.89 -0.36 0.00	10.03 -0.26 0.00	8.92 -0.20 0.00	7.62 -0.15 0.00
N.AKRON__115KV_KNAPP 355671	12.65 -0.12 -1.91	13.32 -0.15 -1.26	12.18 -0.18 -1.13	10.18 -0.18 -1.22	10.41 -0.21 -1.25	11.90 -0.14 -1.12	11.28 -0.27 -1.42	11.11 -0.42 -1.51	12.99 -0.59 -1.29	12.78 -0.56 -1.15	12.27 -0.35 -1.44	11.57 -0.25 -1.52	10.22 -0.11 -1.78	10.20 -0.22 -1.76	10.21 -0.22 -1.78	10.19 -0.22 -1.92	10.16 -0.18 -3.08	11.70 -0.22 -3.34	12.13 -0.29 -3.92	12.18 -0.31 -3.13	14.92 -0.43 -3.10	12.25 -0.41 -2.38	11.04 -0.36 -2.28	9.97 -0.06 -2.26
N.BELMOR_69_KV_BK1 55787	26.64 1.12 -14.66	27.01 1.22 -13.58	23.66 1.15 -11.29	20.04 0.91 -9.98	19.25 0.94 -8.94	19.96 1.06 -7.99	21.24 1.01 -10.08	21.47 1.03 -10.42	22.69 1.34 -9.06	30.61 1.33 -17.09	26.07 1.19 -13.70	25.69 1.09 -14.30	26.65 0.92 -17.18	27.16 0.93 -17.59	26.44 0.93 -16.86	29.65 0.91 -20.24	32.25 0.78 -24.20	41.65 0.92 -32.15	41.29 0.88 -31.92	34.54 0.95 -24.23	35.96 1.22 -22.49	28.31 1.03 -17.00	26.62 0.94 -16.56	25.02 0.79 -16.46
N.E._GEN_SANDY PD 24062	25.35 0.46 -14.03	22.98 0.52 -10.24	20.92 0.48 -9.21	19.48 0.40 -9.93	19.95 0.39 -10.19	20.50 0.48 -9.10	22.10 0.47 -11.49	22.36 0.47 -11.88	22.90 0.59 -10.01	21.43 0.59 -8.65	21.68 0.53 -9.97	21.49 0.49 -10.70	21.66 0.42 -12.69	22.00 0.42 -12.94	21.95 0.42 -12.89	22.72 0.41 -13.82	25.89 0.35 -18.28	29.40 0.42 -20.40	33.95 0.41 -25.04	34.40 0.45 -24.59	35.00 0.58 -22.18	30.15 0.48 -19.38	25.90 0.41 -16.37	24.35 0.31 -16.27

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.60 0.84 -12.90	21.78 0.95 -8.62	19.86 0.88 -7.75	18.21 0.70 -8.36	18.65 0.70 -8.58	19.40 0.82 -7.66	20.58 0.77 -9.67	20.79 0.78 -9.99	21.84 1.03 -8.51	20.87 1.04 -7.64	21.74 0.94 -9.62	21.32 0.88 -10.15	21.17 0.74 -11.87	21.13 0.74 -11.74	21.30 0.76 -11.89	22.04 0.74 -12.81	28.95 0.63 -21.05	32.81 0.73 -23.50	36.72 0.71 -27.51	31.70 0.77 -21.57	34.80 0.99 -21.57	27.42 0.83 -16.31	25.74 0.74 -15.88	23.90 0.61 -15.52
N. QUEENS_27_KV_LOAD 356247	25.94 0.97 -14.11	22.26 1.06 -8.99	20.31 0.99 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.85 0.94 -7.99	21.09 0.86 -10.09	21.33 0.88 -10.43	22.40 1.22 -8.88	21.37 1.21 -7.97	22.32 1.10 -10.04	21.94 1.05 -10.59	21.83 0.89 -12.39	21.78 0.88 -12.25	21.92 0.87 -12.40	22.69 0.84 -13.36	29.93 0.70 -21.96	33.90 0.82 -24.50	37.99 0.79 -28.70	32.71 0.87 -22.48	35.85 1.11 -22.49	28.19 0.90 -17.00	26.49 0.80 -16.57	24.62 0.66 -16.19
N. TROY___115KV_TB1 355778	28.36 0.36 -17.13	24.04 0.40 -11.43	21.86 0.36 -10.27	20.51 0.29 -11.08	21.03 0.30 -11.37	21.43 0.36 -10.16	23.28 0.34 -12.79	23.56 0.32 -13.22	23.94 0.42 -11.22	22.54 0.40 -9.94	23.76 0.39 -12.19	23.58 0.36 -12.92	24.03 0.30 -15.18	24.11 0.30 -15.15	24.21 0.29 -15.27	25.21 0.29 -16.42	32.87 0.25 -25.35	37.20 0.32 -28.30	42.38 0.31 -33.57	37.87 0.36 -28.15	39.95 0.45 -27.25	32.24 0.38 -21.57	29.51 0.31 -20.08	28.52 0.22 -20.53
NARROWS_GT1_1 24228	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_2 24229	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_3 24230	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_4 24231	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_5 24232	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_6 24233	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_7 24234	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT1_8 24235	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_1 24236	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_2 24237	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_3 24238	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_4 24239	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19

NARROWS_GT2_5 24240	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_6 24241	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_7 24242	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NARROWS_GT2_8 24243	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.09 0.33 -15.90	23.06 0.37 -10.48	20.96 0.30 -9.43	19.55 0.24 -10.17	20.06 0.26 -10.43	20.55 0.32 -9.32	22.16 0.27 -11.75	22.40 0.24 -12.14	22.95 0.33 -10.32	21.70 0.32 -9.19	22.86 0.30 -11.38	22.61 0.28 -12.04	22.90 0.23 -14.12	22.93 0.23 -14.05	23.05 0.22 -14.18	23.98 0.23 -15.26	31.61 0.22 -24.13	35.79 0.27 -26.93	40.55 0.27 -31.78	35.67 0.33 -25.98	38.07 0.37 -25.46	30.44 0.35 -19.81	28.16 0.28 -18.76	26.83 0.20 -18.86
NCHELSEA_115KV_TR2 355582	25.55 0.87 -13.81	22.12 0.96 -8.95	20.15 0.88 -8.05	18.52 0.70 -8.68	18.97 0.70 -8.90	19.69 0.82 -7.95	20.95 0.77 -10.04	21.16 0.77 -10.37	22.15 1.02 -8.84	21.15 1.04 -7.92	22.07 0.93 -9.96	21.65 0.84 -10.50	21.58 0.73 -12.29	21.54 0.73 -12.17	21.70 0.74 -12.31	22.49 0.73 -13.27	29.61 0.63 -21.72	33.55 0.72 -24.24	37.59 0.69 -28.41	32.49 0.76 -22.37	35.53 0.97 -22.32	28.05 0.84 -16.93	26.30 0.75 -16.44	24.51 0.63 -16.11
NEG CAPITAL___MECHNVIL 23645	28.84 0.51 -17.46	24.38 0.56 -11.61	22.17 0.49 -10.44	20.81 0.40 -11.26	21.34 0.42 -11.55	21.73 0.49 -10.32	23.63 0.46 -13.03	23.90 0.42 -13.47	24.29 0.55 -11.44	22.88 0.54 -10.15	24.20 0.54 -12.49	24.03 0.50 -13.23	24.50 0.42 -15.53	24.55 0.42 -15.49	24.67 0.42 -15.61	25.70 0.41 -16.80	33.77 0.36 -26.15	38.22 0.45 -29.19	43.51 0.45 -34.56	38.60 0.51 -28.73	40.81 0.64 -27.93	32.77 0.51 -21.98	30.12 0.43 -20.58	29.00 0.32 -20.92
NEG CENTRAL_HIGH_ACRES 23767	12.24 -0.25 -1.62	12.97 -0.30 -1.07	11.90 -0.29 -0.96	9.90 -0.27 -1.03	10.14 -0.29 -1.06	11.60 -0.26 -0.95	11.05 -0.28 -1.20	10.95 -0.30 -1.24	12.99 -0.36 -1.05	12.77 -0.37 -0.94	12.15 -0.21 -1.18	11.38 -0.17 -1.24	9.91 -0.09 -1.45	9.98 -0.11 -1.44	9.99 -0.11 -1.46	9.94 -0.13 -1.57	9.71 -0.09 -2.54	11.27 -0.15 -2.83	11.65 -0.18 -3.33	11.81 -0.21 -2.66	14.62 -0.26 -2.63	12.02 -0.28 -2.02	10.77 -0.28 -1.94	9.55 -0.14 -1.92
NEG CENTRAL___DRP 24199	12.65 0.03 -1.75	13.38 0.02 -1.15	12.29 0.02 -1.03	10.25 -0.01 -1.12	10.48 -0.03 -1.15	11.97 0.03 -1.02	11.41 -0.02 -1.29	11.31 -0.04 -1.33	13.38 -0.05 -1.14	13.15 -0.06 -1.01	12.50 0.04 -1.27	11.70 0.06 -1.34	10.18 0.06 -1.57	10.27 0.06 -1.56	10.28 0.06 -1.57	10.25 0.06 -1.69	10.07 0.07 -2.74	11.70 0.06 -3.06	12.14 0.05 -3.59	12.27 0.04 -2.87	15.17 0.09 -2.84	12.50 0.04 -2.18	11.23 0.02 -2.09	9.89 0.05 -2.07
NEG CENTRAL___INDECK 23768	13.41 0.33 -2.22	14.01 0.34 -1.46	12.85 0.30 -1.31	10.75 0.19 -1.42	11.00 0.18 -1.45	12.50 0.28 -1.30	11.95 0.17 -1.64	11.81 0.10 -1.70	13.82 0.09 -1.44	13.55 0.06 -1.29	12.97 0.18 -1.61	12.22 0.22 -1.70	10.76 0.21 -1.99	10.80 0.17 -1.98	10.81 0.16 -2.00	10.79 0.14 -2.15	10.89 0.15 -3.48	12.63 0.16 -3.88	13.21 0.15 -4.56	13.18 0.18 -3.65	16.13 0.27 -3.61	13.21 0.16 -2.77	11.89 0.12 -2.66	10.65 0.25 -2.63
NEG CENTRAL___SENECA 23627	12.86 0.09 -1.91	13.55 0.09 -1.25	12.43 0.07 -1.13	10.39 0.03 -1.22	10.62 0.01 -1.25	12.12 0.09 -1.12	11.57 0.02 -1.41	11.47 0.00 -1.45	13.52 -0.01 -1.24	13.28 -0.02 -1.11	12.66 0.09 -1.38	11.88 0.12 -1.46	10.38 0.11 -1.71	10.45 0.10 -1.70	10.47 0.10 -1.72	10.44 0.10 -1.85	10.34 0.09 -2.98	12.02 0.10 -3.33	12.50 0.08 -3.92	12.56 0.07 -3.13	15.48 0.13 -3.10	12.73 0.07 -2.37	11.44 0.05 -2.28	10.12 0.09 -2.26
NEG CENTRAL___STATE_STREET 24147	12.71 0.13 -1.72	13.47 0.13 -1.13	12.37 0.12 -1.02	10.32 0.08 -1.10	10.56 0.07 -1.12	12.05 0.13 -1.00	11.49 0.08 -1.27	11.41 0.08 -1.31	13.52 0.11 -1.11	13.29 0.10 -1.00	12.60 0.17 -1.25	11.78 0.16 -1.32	10.23 0.14 -1.54	10.34 0.16 -1.53	10.36 0.16 -1.54	10.33 0.17 -1.66	10.10 0.15 -2.69	11.75 0.17 -3.00	12.18 0.15 -3.52	12.32 0.14 -2.82	15.28 0.24 -2.79	12.61 0.19 -2.14	11.31 0.14 -2.05	9.93 0.12 -2.03
NEG MILLWOOD___DRP 24198	25.87 0.92 -14.08	22.28 1.01 -9.06	20.30 0.92 -8.15	18.67 0.74 -8.79	19.13 0.75 -9.02	19.83 0.86 -8.06	21.11 0.80 -10.16	21.32 0.80 -10.51	22.31 1.07 -8.95	21.32 1.10 -8.02	22.27 0.98 -10.10	21.83 0.88 -10.65	21.76 0.74 -12.46	21.72 0.74 -12.33	21.90 0.77 -12.48	22.69 0.75 -13.45	29.95 0.64 -22.05	33.95 0.76 -24.61	38.06 0.73 -28.83	32.81 0.79 -22.67	35.92 1.04 -22.63	28.31 0.88 -17.14	26.56 0.77 -16.67	24.73 0.64 -16.32
NEG NORTH_FLCN_SEA 23793	10.77 -0.10 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.22 0.08 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.30 0.28 0.00	12.55 0.26 0.00	12.32 0.12 0.00	10.89 -0.29 0.00	9.91 -0.39 0.00	8.13 -0.42 0.00	8.20 -0.45 0.00	8.21 -0.44 0.00	8.09 -0.41 0.00	6.90 -0.36 0.00	8.28 -0.30 0.00	8.31 -0.19 0.00	9.23 -0.13 0.00	12.00 -0.24 0.00	10.13 -0.15 0.00	9.03 -0.08 0.00	7.74 -0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	10.66 -0.21 0.00	12.05 -0.16 0.00	11.17 -0.06 0.00	9.13 -0.01 0.00	9.39 0.02 0.00	10.92 0.00 0.00	10.20 0.06 0.00	10.06 0.04 0.00	12.28 -0.01 0.00	12.05 -0.15 0.00	10.70 -0.48 0.00	9.72 -0.58 0.00	8.00 -0.56 0.00	8.07 -0.58 0.00	8.08 -0.57 0.00	7.95 -0.54 0.00	6.79 -0.47 0.00	8.13 -0.45 0.00	8.14 -0.36 0.00	9.05 -0.31 0.00	11.89 -0.36 0.00	10.03 -0.26 0.00	8.94 -0.17 0.00	7.66 -0.11 0.00



NEG NORTH___ALICE_FALLS 23915	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.21 0.07 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.28 0.26 0.00	12.53 0.23 0.00	12.29 0.10 0.00	10.86 -0.32 0.00	9.89 -0.41 0.00	8.12 -0.44 0.00	8.18 -0.47 0.00	8.18 -0.47 0.00	8.06 -0.43 0.00	6.89 -0.38 0.00	8.27 -0.32 0.00	8.29 -0.20 0.00	9.22 -0.14 0.00	12.01 -0.23 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.73 -0.04 0.00
NEG NORTH___LWR_SARANAC 23913	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.21 0.07 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.28 0.26 0.00	12.53 0.23 0.00	12.29 0.10 0.00	10.86 -0.32 0.00	9.89 -0.41 0.00	8.12 -0.44 0.00	8.18 -0.47 0.00	8.18 -0.47 0.00	8.06 -0.43 0.00	6.89 -0.38 0.00	8.27 -0.32 0.00	8.29 -0.20 0.00	9.22 -0.14 0.00	12.01 -0.23 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.73 -0.04 0.00
NEG NORTH___PLATTSBURG 23628	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.21 0.07 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.32 0.18 0.00	10.28 0.26 0.00	12.53 0.23 0.00	12.29 0.10 0.00	10.86 -0.32 0.00	9.89 -0.41 0.00	8.12 -0.44 0.00	8.18 -0.47 0.00	8.18 -0.47 0.00	8.06 -0.43 0.00	6.89 -0.38 0.00	8.27 -0.32 0.00	8.29 -0.20 0.00	9.22 -0.14 0.00	12.01 -0.23 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.73 -0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	12.55 -0.27 -1.96	13.19 -0.31 -1.29	12.05 -0.34 -1.16	10.10 -0.29 -1.25	10.32 -0.33 -1.28	11.81 -0.26 -1.15	11.20 -0.40 -1.46	11.04 -0.50 -1.53	12.90 -0.69 -1.30	12.70 -0.66 -1.16	12.19 -0.45 -1.45	11.51 -0.32 -1.53	10.17 -0.18 -1.79	10.15 -0.28 -1.78	10.16 -0.29 -1.80	10.16 -0.27 -1.94	10.12 -0.25 -3.11	11.67 -0.34 -3.43	12.12 -0.41 -4.03	12.13 -0.45 -3.22	14.81 -0.62 -3.19	12.15 -0.58 -2.44	10.98 -0.48 -2.35	9.94 -0.16 -2.33
NEG WEST___LANCASTR 23811	12.77 -0.37 -2.27	13.29 -0.42 -1.50	12.15 -0.43 -1.35	10.22 -0.37 -1.45	10.45 -0.40 -1.49	11.89 -0.36 -1.34	11.36 -0.47 -1.69	11.23 -0.54 -1.75	13.10 -0.69 -1.49	12.87 -0.66 -1.33	12.37 -0.48 -1.67	11.72 -0.34 -1.76	10.14 -0.23 -1.82	10.37 -0.32 -2.04	10.38 -0.33 -2.07	10.41 -0.31 -2.22	10.55 -0.28 -3.57	12.17 -0.39 -3.97	12.72 -0.44 -4.66	12.61 -0.48 -3.73	15.30 -0.64 -3.69	12.50 -0.61 -2.83	11.31 -0.52 -2.72	10.19 -0.26 -2.69
NEG_PENN_ALLEGHNY 23528	14.91 0.16 -3.88	14.93 0.17 -2.55	13.67 0.15 -2.30	11.72 0.10 -2.48	12.00 0.09 -2.54	13.34 0.15 -2.27	13.10 0.09 -2.86	13.05 0.07 -2.96	14.91 0.10 -2.52	14.53 0.09 -2.25	14.16 0.16 -2.82	13.44 0.16 -2.97	12.17 0.14 -3.48	12.24 0.14 -3.45	12.28 0.14 -3.49	12.40 0.14 -3.76	13.46 0.12 -6.07	15.49 0.13 -6.78	16.58 0.11 -7.97	15.84 0.11 -6.37	18.74 0.18 -6.31	15.24 0.12 -4.83	13.87 0.11 -4.65	12.49 0.12 -4.60
NEG___GEN_MONROE 24207	12.45 -0.09 -1.67	13.18 -0.12 -1.10	12.11 -0.11 -0.99	10.09 -0.12 -1.07	10.32 -0.14 -1.09	11.80 -0.10 -0.98	11.20 -0.18 -1.24	11.08 -0.20 -1.26	13.09 -0.28 -1.07	12.86 -0.29 -0.96	12.25 -0.13 -1.20	11.46 -0.10 -1.27	10.03 -0.01 -1.48	10.08 -0.04 -1.47	10.10 -0.03 -1.49	10.03 -0.07 -1.60	9.81 -0.04 -2.59	11.36 -0.15 -2.93	11.73 -0.20 -3.43	11.91 -0.20 -2.74	14.69 -0.27 -2.72	12.10 -0.27 -2.08	10.88 -0.24 -2.00	9.72 -0.02 -1.98
NEPA___ENERGY 23901	13.33 -0.20 -2.66	13.74 -0.22 -1.75	12.57 -0.24 -1.58	10.63 -0.21 -1.70	10.88 -0.23 -1.74	12.30 -0.17 -1.56	11.86 -0.25 -1.97	11.74 -0.32 -2.04	13.62 -0.42 -1.74	13.35 -0.40 -1.55	12.87 -0.26 -1.94	12.19 -0.16 -2.05	10.85 -0.10 -2.40	10.88 -0.16 -2.38	10.90 -0.16 -2.41	10.95 -0.14 -2.59	11.31 -0.13 -4.18	13.05 -0.19 -4.66	13.72 -0.25 -5.47	13.46 -0.27 -4.37	16.22 -0.36 -4.33	13.25 -0.35 -3.32	12.01 -0.29 -3.19	10.82 -0.10 -3.16
NEVERSINK___HYD 23608	22.73 0.77 -11.09	20.31 0.85 -7.24	18.51 0.76 -6.51	16.78 0.61 -7.02	17.18 0.61 -7.21	18.05 0.70 -6.44	18.93 0.66 -8.13	19.10 0.68 -8.40	20.35 0.90 -7.15	19.50 0.90 -6.40	20.02 0.79 -8.04	19.52 0.74 -8.48	19.12 0.63 -9.93	19.12 0.63 -9.83	19.24 0.64 -9.95	19.85 0.64 -10.72	25.28 0.55 -17.47	28.70 0.62 -19.50	31.97 0.60 -22.87	28.12 0.66 -18.10	31.13 0.87 -18.01	24.73 0.74 -13.71	23.03 0.65 -13.27	21.37 0.56 -13.05
NEWKRMKL_115KV_TB1 55635	28.08 0.21 -17.01	23.74 0.24 -11.29	21.59 0.21 -10.15	20.26 0.17 -10.94	20.78 0.19 -11.23	21.17 0.22 -10.03	22.97 0.19 -12.63	23.25 0.17 -13.06	23.62 0.23 -11.09	22.27 0.23 -9.84	23.54 0.26 -12.10	23.36 0.25 -12.81	23.80 0.20 -15.05	23.85 0.19 -15.01	23.96 0.18 -15.13	24.95 0.18 -16.28	32.73 0.16 -25.31	37.03 0.20 -28.25	42.15 0.20 -33.45	37.42 0.22 -27.85	39.57 0.27 -27.05	31.81 0.22 -21.31	29.23 0.17 -19.94	28.16 0.11 -20.28
NEWTON___FALLS_HYD 23847	10.92 -0.34 -0.39	12.11 -0.35 -0.26	11.14 -0.33 -0.23	9.13 -0.27 -0.25	9.36 -0.26 -0.26	10.81 -0.34 -0.23	10.15 -0.28 -0.29	10.04 -0.28 -0.30	12.17 -0.38 -0.25	12.00 -0.43 -0.23	10.96 -0.50 -0.28	10.10 -0.50 -0.30	8.46 -0.44 -0.35	8.51 -0.48 -0.35	8.51 -0.49 -0.35	8.41 -0.47 -0.38	7.48 -0.40 -0.61	8.85 -0.42 -0.69	8.96 -0.34 -0.81	9.68 -0.33 -0.64	12.50 -0.38 -0.64	10.45 -0.32 -0.49	9.31 -0.27 -0.47	7.94 -0.29 -0.47
NGRID_A1_DSASP 323792	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.86 -0.55 -1.18	9.96 -0.46 -1.28	10.18 -0.50 -1.31	11.64 -0.45 -1.17	11.07 -0.55 -1.48	10.88 -0.66 -1.52	12.72 -0.87 -1.30	12.50 -0.85 -1.16	12.01 -0.63 -1.45	11.35 -0.48 -1.53	10.04 -0.31 -1.79	10.03 -0.40 -1.78	10.03 -0.41 -1.80	10.04 -0.39 -1.94	10.00 -0.35 -3.09	11.58 -0.48 -3.48	12.03 -0.55 -4.08	12.03 -0.60 -3.26	14.65 -0.83 -3.23	11.99 -0.77 -2.48	10.84 -0.63 -2.35	9.86 -0.27 -2.36
NGRID_A2_DSASP 323793	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.86 -0.55 -1.18	9.96 -0.46 -1.28	10.18 -0.50 -1.31	11.64 -0.45 -1.17	11.07 -0.55 -1.48	10.88 -0.66 -1.52	12.72 -0.87 -1.30	12.50 -0.85 -1.16	12.01 -0.63 -1.45	11.35 -0.48 -1.53	10.04 -0.31 -1.79	10.03 -0.40 -1.78	10.03 -0.41 -1.80	10.04 -0.39 -1.94	10.00 -0.35 -3.09	11.58 -0.48 -3.48	12.03 -0.55 -4.08	12.03 -0.60 -3.26	14.65 -0.83 -3.23	11.99 -0.77 -2.48	10.84 -0.63 -2.35	9.86 -0.27 -2.36
NGRID_A4_DSASP 323807	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.86 -0.55 -1.18	9.96 -0.46 -1.28	10.18 -0.50 -1.31	11.64 -0.45 -1.17	11.07 -0.55 -1.48	10.88 -0.66 -1.52	12.72 -0.87 -1.30	12.50 -0.85 -1.16	12.01 -0.63 -1.45	11.35 -0.48 -1.53	10.04 -0.31 -1.79	10.03 -0.40 -1.78	10.03 -0.41 -1.80	10.04 -0.39 -1.94	10.00 -0.35 -3.09	11.58 -0.48 -3.48	12.03 -0.55 -4.08	12.03 -0.60 -3.26	14.65 -0.83 -3.23	11.99 -0.77 -2.48	10.84 -0.63 -2.35	9.86 -0.27 -2.36
NIAGARA_115E_LBMP 323715	12.41 -0.45 -1.99	13.02 -0.50 -1.31	11.89 -0.52 -1.18	9.97 -0.44 -1.27	10.20 -0.47 -1.30	11.65 -0.43 -1.16	11.05 -0.56 -1.47	10.87 -0.66 -1.52	12.70 -0.89 -1.29	12.50 -0.85 -1.15	11.99 -0.64 -1.44	11.33 -0.49 -1.52	10.02 -0.32 -1.79	10.01 -0.41 -1.77	10.01 -0.43 -1.79	10.02 -0.40 -1.93	10.01 -0.36 -3.11	11.55 -0.51 -3.48	12.01 -0.57 -4.08	12.01 -0.62 -3.26	14.63 -0.84 -3.23	12.00 -0.76 -2.48	10.86 -0.64 -2.38	9.86 -0.26 -2.36

NIAGARA_115W_LBMP 323714	12.35 -0.51 -1.99	12.95 -0.57 -1.31	11.84 -0.57 -1.18	9.93 -0.48 -1.27	10.16 -0.52 -1.31	11.60 -0.48 -1.17	11.05 -0.57 -1.47	10.86 -0.68 -1.52	12.68 -0.91 -1.30	12.48 -0.88 -1.16	11.98 -0.65 -1.45	11.32 -0.50 -1.53	10.01 -0.33 -1.79	10.01 -0.42 -1.78	10.00 -0.44 -1.80	10.02 -0.41 -1.93	9.97 -0.37 -3.08	11.55 -0.50 -3.47	11.99 -0.58 -4.07	12.00 -0.62 -3.26	14.62 -0.86 -3.23	11.97 -0.79 -2.48	10.81 -0.65 -2.34	9.84 -0.29 -2.36
NIAGARA_230_LBMP 323716	12.48 -0.36 -1.97	13.10 -0.40 -1.30	11.98 -0.42 -1.17	10.04 -0.36 -1.26	10.27 -0.38 -1.29	11.74 -0.33 -1.15	11.17 -0.43 -1.46	10.98 -0.54 -1.51	12.85 -0.73 -1.28	12.63 -0.71 -1.15	12.12 -0.49 -1.43	11.45 -0.36 -1.51	10.11 -0.21 -1.77	10.11 -0.29 -1.76	10.11 -0.31 -1.78	10.12 -0.29 -1.91	10.09 -0.26 -3.09	11.66 -0.37 -3.45	12.11 -0.44 -4.05	12.12 -0.48 -3.24	14.79 -0.66 -3.21	12.11 -0.63 -2.46	10.96 -0.52 -2.36	9.92 -0.19 -2.34
NIAGARA__115KV_198_GIBSON 55903	12.35 -0.51 -1.99	12.95 -0.57 -1.31	11.84 -0.57 -1.18	9.94 -0.48 -1.27	10.16 -0.52 -1.31	11.61 -0.48 -1.18	11.06 -0.57 -1.48	10.89 -0.67 -1.54	12.71 -0.90 -1.31	12.50 -0.87 -1.17	12.00 -0.65 -1.47	11.34 -0.50 -1.55	10.04 -0.33 -1.82	10.03 -0.42 -1.80	10.04 -0.43 -1.82	10.05 -0.41 -1.96	10.00 -0.36 -3.10	11.56 -0.49 -3.47	12.01 -0.56 -4.07	12.00 -0.62 -3.26	14.63 -0.84 -3.23	11.99 -0.77 -2.48	10.82 -0.64 -2.35	9.84 -0.29 -2.36
NIAGARA____ 23760	12.38 -0.48 -1.99	12.98 -0.54 -1.31	11.86 -0.55 -1.18	9.95 -0.47 -1.27	10.17 -0.50 -1.30	11.63 -0.45 -1.17	11.06 -0.56 -1.47	10.88 -0.65 -1.52	12.74 -0.85 -1.29	12.52 -0.83 -1.15	12.01 -0.62 -1.44	11.35 -0.47 -1.52	10.02 -0.33 -1.79	10.02 -0.41 -1.77	10.02 -0.42 -1.79	10.02 -0.41 -1.93	10.00 -0.36 -3.10	11.56 -0.49 -3.47	12.02 -0.55 -4.07	12.02 -0.60 -3.26	14.65 -0.82 -3.23	12.01 -0.74 -2.47	10.85 -0.63 -2.36	9.84 -0.28 -2.36
NINE_MILE_1 23575	11.56 -0.33 -1.02	12.50 -0.38 -0.67	11.49 -0.35 -0.61	9.49 -0.30 -0.65	9.72 -0.32 -0.67	11.18 -0.34 -0.60	10.55 -0.34 -0.76	10.45 -0.35 -0.78	12.53 -0.43 -0.66	12.36 -0.43 -0.59	11.58 -0.35 -0.74	10.78 -0.30 -0.78	9.23 -0.24 -0.92	9.31 -0.25 -0.91	9.32 -0.25 -0.92	9.24 -0.25 -0.99	8.66 -0.20 -1.60	10.11 -0.26 -1.79	10.34 -0.26 -2.10	10.74 -0.30 -1.68	13.54 -0.37 -1.66	11.23 -0.33 -1.27	10.05 -0.29 -1.22	8.75 -0.23 -1.21
NINE_MILE_2 23744	11.56 -0.33 -1.02	12.50 -0.38 -0.67	11.49 -0.35 -0.60	9.49 -0.30 -0.65	9.72 -0.32 -0.67	11.18 -0.34 -0.60	10.55 -0.34 -0.75	10.45 -0.35 -0.78	12.53 -0.43 -0.66	12.36 -0.43 -0.59	11.58 -0.35 -0.74	10.78 -0.30 -0.78	9.23 -0.24 -0.92	9.31 -0.25 -0.91	9.32 -0.25 -0.92	9.24 -0.25 -0.99	8.66 -0.20 -1.60	10.11 -0.26 -1.79	10.33 -0.26 -2.10	10.75 -0.29 -1.68	13.54 -0.37 -1.66	11.23 -0.33 -1.27	10.05 -0.29 -1.22	8.75 -0.23 -1.21
NM_CAPITAL____DRP 24208	27.99 0.22 -16.91	23.71 0.27 -11.23	21.57 0.24 -10.10	20.23 0.19 -10.89	20.75 0.21 -11.18	21.14 0.24 -9.98	22.94 0.22 -12.57	23.20 0.19 -12.99	23.59 0.26 -11.03	22.23 0.26 -9.78	23.43 0.26 -11.99	23.26 0.26 -12.71	23.69 0.21 -14.93	23.75 0.20 -14.90	23.85 0.19 -15.01	24.83 0.19 -16.15	32.38 0.16 -24.96	36.65 0.21 -27.86	41.74 0.20 -33.03	37.26 0.22 -27.67	39.33 0.28 -26.81	31.72 0.24 -21.20	29.05 0.18 -19.75	28.06 0.11 -20.18
NM_CENTRAL____DRP 24181	12.03 -0.10 -1.26	12.92 -0.12 -0.83	11.87 -0.11 -0.75	9.83 -0.12 -0.81	10.07 -0.12 -0.83	11.54 -0.12 -0.74	10.93 -0.14 -0.93	10.83 -0.15 -0.96	12.93 -0.18 -0.82	12.75 -0.18 -0.73	12.00 -0.10 -0.92	11.20 -0.07 -0.97	9.64 -0.05 -1.13	9.73 -0.04 -1.12	9.73 -0.05 -1.14	9.67 -0.05 -1.22	9.21 -0.04 -1.98	10.73 -0.06 -2.21	11.03 -0.07 -2.60	11.35 -0.08 -2.07	14.21 -0.09 -2.05	11.76 -0.09 -1.57	10.54 -0.09 -1.51	9.21 -0.05 -1.50
NM_FRONTIER____DRP 24179	12.35 -0.51 -1.99	12.95 -0.57 -1.31	11.84 -0.57 -1.18	9.94 -0.48 -1.27	10.16 -0.52 -1.31	11.61 -0.48 -1.18	11.06 -0.57 -1.48	10.89 -0.67 -1.54	12.71 -0.90 -1.31	12.50 -0.87 -1.17	12.00 -0.65 -1.47	11.34 -0.50 -1.55	10.04 -0.33 -1.82	10.03 -0.42 -1.80	10.04 -0.43 -1.82	10.05 -0.41 -1.96	10.00 -0.36 -3.10	11.56 -0.49 -3.47	12.01 -0.56 -4.07	12.00 -0.62 -3.26	14.63 -0.84 -3.23	11.99 -0.77 -2.48	10.82 -0.64 -2.35	9.84 -0.29 -2.36
NM_ST_REGIS____HYD 24053	10.40 -0.47 0.00	11.72 -0.49 0.00	10.81 -0.42 0.00	8.82 -0.32 0.00	9.07 -0.30 0.00	10.52 -0.39 0.00	9.84 -0.30 0.00	9.72 -0.30 0.00	11.88 -0.42 0.00	11.72 -0.48 0.00	10.53 -0.65 0.00	9.66 -0.64 0.00	7.97 -0.58 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.93 -0.56 0.00	6.78 -0.49 0.00	8.08 -0.51 0.00	8.07 -0.43 0.00	8.92 -0.44 0.00	11.68 -0.56 0.00	9.83 -0.45 0.00	8.73 -0.38 0.00	7.42 -0.35 0.00
NORTHPORT____1 23551	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	20.00 0.88 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.21 0.98 -10.08	21.44 1.00 -10.42	22.66 1.30 -9.06	30.53 1.24 -17.09	25.88 0.99 -13.70	25.54 0.94 -14.30	26.47 0.74 -17.17	26.98 0.75 -17.58	26.27 0.76 -16.86	29.47 0.74 -20.24	32.09 0.63 -24.20	41.49 0.76 -32.15	41.13 0.71 -31.92	34.36 0.78 -24.22	35.73 0.99 -22.49	28.08 0.80 -17.00	26.47 0.78 -16.57	24.99 0.75 -16.47
NORTHPORT____2 23552	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	20.00 0.88 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.21 0.98 -10.08	21.44 1.00 -10.42	22.66 1.30 -9.06	30.53 1.24 -17.09	25.88 0.99 -13.70	25.54 0.94 -14.30	26.47 0.74 -17.17	26.98 0.75 -17.58	26.27 0.76 -16.86	29.47 0.74 -20.24	32.09 0.63 -24.20	41.49 0.76 -32.15	41.13 0.71 -31.92	34.36 0.78 -24.22	35.73 0.99 -22.49	28.08 0.80 -17.00	26.47 0.78 -16.57	24.99 0.75 -16.47
NORTHPORT____3 23553	26.69 1.16 -14.66	27.07 1.28 -13.58	23.71 1.19 -11.29	20.08 0.95 -9.98	19.28 0.97 -8.94	20.01 1.10 -7.99	21.29 1.06 -10.08	21.52 1.08 -10.42	22.75 1.39 -9.06	30.68 1.39 -17.09	26.10 1.22 -13.70	25.74 1.13 -14.30	26.67 0.93 -17.18	27.15 0.92 -17.59	26.47 0.96 -16.86	29.65 0.91 -20.24	32.26 0.78 -24.21	41.66 0.92 -32.16	41.31 0.88 -31.92	34.57 0.98 -24.23	36.01 1.26 -22.50	28.33 1.04 -17.01	26.63 0.95 -16.57	25.06 0.82 -16.47
NORTHPORT____4 23650	26.69 1.16 -14.66	27.07 1.28 -13.58	23.71 1.19 -11.29	20.08 0.95 -9.98	19.28 0.97 -8.94	20.01 1.10 -7.99	21.29 1.06 -10.08	21.52 1.08 -10.42	22.75 1.39 -9.06	30.68 1.39 -17.09	26.10 1.22 -13.70	25.74 1.13 -14.30	26.67 0.93 -17.18	27.15 0.92 -17.59	26.47 0.96 -16.86	29.65 0.91 -20.24	32.26 0.78 -24.21	41.66 0.92 -32.16	41.31 0.88 -31.92	34.57 0.98 -24.23	36.01 1.26 -22.50	28.33 1.04 -17.01	26.63 0.95 -16.57	25.06 0.82 -16.47
NORTHPORT____IC 23718	26.57 1.04 -14.66	26.94 1.15 -13.58	23.58 1.07 -11.29	20.00 0.88 -9.98	19.21 0.90 -8.94	19.92 1.02 -7.99	21.21 0.98 -10.08	21.44 1.00 -10.42	22.66 1.30 -9.06	30.53 1.24 -17.09	25.88 0.99 -13.70	25.54 0.94 -14.30	26.47 0.74 -17.17	26.98 0.75 -17.58	26.27 0.76 -16.86	29.47 0.74 -20.24	32.09 0.63 -24.20	41.49 0.76 -32.15	41.13 0.71 -31.92	34.36 0.78 -24.22	35.73 0.99 -22.49	28.08 0.80 -17.00	26.47 0.78 -16.57	24.99 0.75 -16.47

NORTH__COUNTRY_ESR 323785	10.63 -0.24 0.00	12.02 -0.18 0.00	11.14 -0.09 0.00	9.11 -0.04 0.00	9.37 0.00 0.00	10.88 -0.03 0.00	10.17 0.03 0.00	10.03 0.01 0.00	12.23 -0.06 0.00	12.01 -0.18 0.00	10.68 -0.50 0.00	9.71 -0.59 0.00	7.99 -0.56 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.94 -0.55 0.00	6.78 -0.49 0.00	8.11 -0.47 0.00	8.12 -0.37 0.00	9.02 -0.34 0.00	11.85 -0.39 0.00	10.01 -0.28 0.00	8.92 -0.19 0.00	7.63 -0.13 0.00
NPX_GEN_1385_PROXY 323591	26.36 0.84 -14.66	26.68 0.89 -13.58	23.37 0.85 -11.29	19.92 0.79 -9.98	19.23 0.92 -8.94	19.94 1.04 -7.99	21.23 1.00 -10.08	21.46 1.02 -10.42	22.68 1.33 -9.06	27.81 0.99 -14.63	25.75 0.86 -13.70	25.34 0.74 -14.30	25.58 0.56 -16.46	26.03 0.57 -16.81	26.09 0.58 -16.86	28.05 0.56 -18.99	31.96 0.50 -24.20	39.51 0.58 -30.35	41.00 0.59 -31.92	34.27 0.68 -24.22	35.59 0.86 -22.49	27.97 0.69 -17.00	26.38 0.69 -16.57	24.84 0.61 -16.47
NPX_GEN_CSC 323557	26.63 1.11 -14.66	27.04 1.25 -13.58	23.65 1.13 -11.29	20.04 0.91 -9.98	19.23 0.92 -8.94	19.93 1.03 -7.99	21.27 1.04 -10.08	21.46 1.02 -10.42	22.70 1.34 -9.06	30.63 1.34 -17.09	26.04 1.15 -13.70	25.71 1.10 -14.30	26.64 0.91 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.64 0.90 -20.25	32.24 0.76 -24.21	41.66 0.91 -32.16	41.30 0.88 -31.93	34.55 0.96 -24.24	35.97 1.22 -22.51	28.32 1.03 -17.01	26.60 0.91 -16.57	25.03 0.79 -16.47
NSINS_S_GLNS_FALLS 23858	28.89 0.37 -17.65	24.32 0.39 -11.72	22.10 0.33 -10.54	20.77 0.26 -11.37	21.31 0.28 -11.66	21.65 0.32 -10.42	23.57 0.29 -13.13	23.83 0.24 -13.57	24.19 0.36 -11.53	22.78 0.34 -10.24	24.20 0.39 -12.63	24.03 0.36 -13.37	24.54 0.29 -15.70	24.57 0.29 -15.64	24.70 0.29 -15.77	25.74 0.27 -16.97	34.05 0.23 -26.55	38.55 0.33 -29.64	43.89 0.34 -35.05	38.75 0.40 -28.98	41.00 0.50 -28.25	32.81 0.38 -22.15	30.22 0.29 -20.81	29.04 0.19 -21.08
NUCOR_STEEL__DRP 24197	12.60 0.08 -1.66	13.37 0.07 -1.09	12.28 0.07 -0.98	10.24 0.04 -1.06	10.48 0.03 -1.09	11.96 0.08 -0.97	11.40 0.03 -1.22	11.31 0.03 -1.27	13.42 0.05 -1.08	13.18 0.02 -0.96	12.48 0.09 -1.20	11.66 0.09 -1.27	10.12 0.08 -1.49	10.23 0.10 -1.48	10.24 0.10 -1.49	10.21 0.11 -1.61	9.96 0.10 -2.60	11.59 0.11 -2.90	12.01 0.10 -3.41	12.17 0.08 -2.72	15.10 0.16 -2.70	12.47 0.12 -2.07	11.18 0.08 -1.99	9.82 0.09 -1.97
NUMBER_THREE_WT_PWR 323818	11.38 -0.02 -0.53	12.55 -0.01 -0.35	11.51 -0.03 -0.32	9.45 -0.04 -0.34	9.68 -0.04 -0.35	11.17 -0.05 -0.31	10.48 -0.06 -0.39	10.36 -0.06 -0.41	12.56 -0.09 -0.35	12.37 -0.13 -0.31	11.40 -0.17 -0.39	10.51 -0.20 -0.41	8.84 -0.19 -0.48	8.86 -0.27 -0.47	8.84 -0.29 -0.48	8.75 -0.26 -0.52	7.87 -0.23 -0.84	9.30 -0.21 -0.93	9.49 -0.10 -1.10	10.18 -0.06 -0.88	13.11 0.00 -0.87	10.93 -0.02 -0.66	9.74 -0.02 -0.64	8.32 -0.08 -0.63
NYISO_LBMP_REFERENCE 24008	10.87 0.00 0.00	12.21 0.00 0.00	11.23 0.00 0.00	9.14 0.00 0.00	9.37 0.00 0.00	10.92 0.00 0.00	10.14 0.00 0.00	10.02 0.00 0.00	12.30 0.00 0.00	12.20 0.00 0.00	11.18 0.00 0.00	10.30 0.00 0.00	8.55 0.00 0.00	8.65 0.00 0.00	8.65 0.00 0.00	8.49 0.00 0.00	7.26 0.00 0.00	8.58 0.00 0.00	8.50 0.00 0.00	9.36 0.00 0.00	12.24 0.00 0.00	10.28 0.00 0.00	9.12 0.00 0.00	7.77 0.00 0.00
NYPA_BRENTWD__GT 24164	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.06 1.16 -7.99	21.34 1.12 -10.08	21.56 1.12 -10.42	22.82 1.46 -9.06	30.71 1.43 -17.09	26.09 1.21 -13.70	25.75 1.14 -14.30	26.67 0.93 -17.18	27.22 0.94 -17.63	26.46 0.95 -16.86	29.70 0.93 -20.28	32.31 0.80 -24.24	41.72 0.94 -32.20	41.36 0.90 -31.96	34.61 0.98 -24.27	36.04 1.26 -22.54	28.36 1.04 -17.04	26.65 0.97 -16.57	25.10 0.86 -16.47
NYPA_GOWANUS__GT5 24156	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NYPA_GOWANUS__GT6 24157	26.03 1.05 -14.11	22.35 1.15 -8.99	20.39 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.44	22.40 1.21 -8.90	21.39 1.21 -7.98	22.35 1.11 -10.06	21.96 1.04 -10.62	26.19 0.88 -16.76	21.81 0.88 -12.28	21.97 0.90 -12.42	22.76 0.88 -13.38	34.04 0.76 -26.02	34.91 0.88 -25.45	38.08 0.88 -28.71	34.05 0.94 -23.75	35.95 1.21 -22.50	28.23 0.95 -17.00	26.57 0.88 -16.57	24.69 0.73 -16.19
NYPA_HARLEM_RVR_GT1 24160	25.93 0.96 -14.11	22.25 1.05 -8.99	20.29 0.98 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.36 1.18 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.05	21.91 1.02 -10.59	21.81 0.86 -12.39	21.76 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.90 0.81 -24.51	37.98 0.78 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.15 0.87 -17.00	26.47 0.78 -16.57	24.62 0.66 -16.19
NYPA_HARLEM_RVR_GT2 24161	25.93 0.96 -14.11	22.25 1.05 -8.99	20.29 0.98 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.36 1.18 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.05	21.91 1.02 -10.59	21.81 0.86 -12.39	21.76 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.90 0.81 -24.51	37.98 0.78 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.15 0.87 -17.00	26.47 0.78 -16.57	24.62 0.66 -16.19
NYPA_KENT__GT 24152	26.01 1.03 -14.11	22.33 1.12 -9.00	20.36 1.04 -8.09	18.70 0.84 -8.72	19.16 0.84 -8.95	19.88 0.97 -7.99	21.13 0.90 -10.09	21.35 0.90 -10.44	22.39 1.19 -8.90	21.37 1.20 -7.98	22.34 1.10 -10.06	21.94 1.03 -10.61	24.63 0.88 -15.19	21.79 0.87 -12.27	21.96 0.89 -12.42	22.74 0.87 -13.38	34.30 0.74 -26.30	34.96 0.87 -25.51	38.06 0.85 -28.71	34.12 0.92 -23.84	35.93 1.19 -22.50	28.22 0.94 -17.00	26.55 0.86 -16.57	24.68 0.71 -16.19
NYPA_POUCH1__GT 24155	26.03 1.05 -14.11	22.34 1.14 -8.99	20.41 1.09 -8.09	18.73 0.87 -8.72	19.19 0.87 -8.95	19.88 0.97 -7.99	21.11 0.88 -10.09	21.31 0.86 -10.44	22.32 1.13 -8.90	21.31 1.13 -7.98	22.29 1.05 -10.06	21.90 0.98 -10.62	24.18 0.82 -14.81	21.75 0.82 -12.28	21.94 0.87 -12.42	22.73 0.86 -13.38	30.07 0.71 -22.09	33.95 0.83 -24.54	38.02 0.82 -28.70	32.78 0.88 -22.54	35.86 1.13 -22.49	28.16 0.87 -17.00	26.57 0.88 -16.57	24.68 0.72 -16.19
NYPA_VERNON__GT2 24162	25.97 1.00 -14.11	22.30 1.10 -9.00	20.34 1.02 -8.09	18.69 0.82 -8.72	19.15 0.83 -8.95	19.86 0.95 -7.99	21.12 0.89 -10.09	21.35 0.90 -10.44	22.39 1.19 -8.90	21.37 1.20 -7.98	22.34 1.10 -10.06	21.93 1.02 -10.61	23.06 0.87 -13.63	21.78 0.86 -12.27	21.94 0.87 -12.42	22.72 0.85 -13.38	34.57 0.73 -26.58	35.01 0.85 -25.57	38.03 0.82 -28.71	34.18 0.90 -23.92	35.89 1.15 -22.50	28.21 0.93 -17.00	26.53 0.84 -16.58	24.66 0.70 -16.19

NYPA_VERNON____GT3 24163	25.97 1.00 -14.11	22.30 1.10 -9.00	20.34 1.02 -8.09	18.69 0.82 -8.72	19.15 0.83 -8.95	19.86 0.95 -7.99	21.12 0.89 -10.09	21.35 0.90 -10.44	22.39 1.19 -8.90	21.37 1.20 -7.98	22.34 1.10 -10.06	21.93 1.02 -10.61	23.06 0.87 -13.63	21.78 0.86 -12.27	21.94 0.87 -12.42	22.72 0.85 -13.38	34.57 0.73 -26.58	35.01 0.85 -25.57	38.03 0.82 -28.71	34.18 0.90 -23.92	35.89 1.15 -22.50	28.21 0.93 -17.00	26.53 0.84 -16.58	24.66 0.70 -16.19
NYPA____ASTORIA_CC1 323568	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
NYPA____ASTORIA_CC2 323569	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.78 0.86 -12.26	21.94 0.87 -12.42	22.72 0.85 -13.38	34.01 0.73 -26.02	34.87 0.84 -25.45	38.02 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
NYPA____HOLTSVILL 23794	26.70 1.17 -14.66	27.12 1.33 -13.58	23.74 1.22 -11.29	20.11 0.99 -9.98	19.31 1.00 -8.94	20.04 1.14 -7.99	21.33 1.11 -10.08	21.55 1.11 -10.42	22.81 1.45 -9.06	30.71 1.43 -17.09	26.10 1.22 -13.70	25.76 1.15 -14.30	26.68 0.95 -17.18	27.19 0.94 -17.59	26.45 0.94 -16.86	29.66 0.92 -20.25	32.26 0.78 -24.21	41.67 0.92 -32.16	41.31 0.88 -31.93	34.56 0.96 -24.24	35.99 1.24 -22.51	28.33 1.04 -17.01	26.64 0.96 -16.57	25.08 0.85 -16.47
NYPA____HELLGATE_GT1 24158	25.93 0.96 -14.11	22.25 1.05 -8.99	20.29 0.98 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.36 1.18 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.05	21.92 1.02 -10.60	21.81 0.86 -12.39	21.76 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.90 0.81 -24.51	37.98 0.78 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.15 0.87 -17.00	26.47 0.78 -16.57	24.62 0.66 -16.19
NYPA____HELLGATE_GT2 24159	25.93 0.96 -14.11	22.25 1.05 -8.99	20.29 0.98 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.36 1.18 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.05	21.92 1.02 -10.60	21.81 0.86 -12.39	21.76 0.86 -12.25	21.91 0.86 -12.41	22.68 0.82 -13.36	29.93 0.69 -21.97	33.90 0.81 -24.51	37.98 0.78 -28.70	32.70 0.85 -22.49	35.82 1.09 -22.49	28.15 0.87 -17.00	26.47 0.78 -16.57	24.62 0.66 -16.19
NYS_BARGE____HYD 23848	12.53 -0.28 -1.95	13.17 -0.32 -1.28	12.03 -0.35 -1.15	10.08 -0.30 -1.24	10.30 -0.34 -1.28	11.78 -0.27 -1.14	11.17 -0.41 -1.44	10.98 -0.52 -1.49	12.85 -0.71 -1.27	12.64 -0.68 -1.13	12.13 -0.47 -1.41	11.45 -0.34 -1.49	10.11 -0.20 -1.75	10.09 -0.29 -1.73	10.09 -0.31 -1.75	10.09 -0.29 -1.89	10.05 -0.25 -3.04	11.62 -0.37 -3.40	12.06 -0.43 -4.00	12.10 -0.46 -3.19	14.77 -0.64 -3.16	12.10 -0.61 -2.42	10.94 -0.50 -2.33	9.91 -0.16 -2.31
OAK ORCHARD____HYD 24046	12.46 -0.06 -1.66	13.21 -0.08 -1.09	12.11 -0.10 -0.98	10.08 -0.12 -1.06	10.32 -0.13 -1.09	11.79 -0.10 -0.97	11.20 -0.16 -1.22	11.07 -0.21 -1.26	13.08 -0.30 -1.08	12.86 -0.29 -0.96	12.25 -0.13 -1.20	11.47 -0.10 -1.27	10.03 -0.01 -1.49	10.08 -0.04 -1.48	10.10 -0.04 -1.49	10.03 -0.07 -1.61	9.83 -0.03 -2.59	11.39 -0.09 -2.90	11.75 -0.15 -3.40	11.92 -0.16 -2.72	14.72 -0.22 -2.69	12.11 -0.24 -2.06	10.89 -0.21 -1.98	9.72 -0.02 -1.96
OAKDALE____35_KV_LOAD 356122	14.84 0.13 -3.84	14.89 0.15 -2.53	13.63 0.12 -2.28	11.68 0.08 -2.45	11.96 0.07 -2.52	13.29 0.12 -2.25	13.05 0.07 -2.84	13.00 0.05 -2.94	14.87 0.07 -2.50	14.49 0.06 -2.23	14.10 0.12 -2.79	13.39 0.14 -2.95	12.13 0.12 -3.46	12.19 0.11 -3.43	12.22 0.11 -3.46	12.34 0.12 -3.73	13.39 0.10 -6.02	15.41 0.10 -6.72	16.48 0.08 -7.90	15.75 0.08 -6.31	18.64 0.15 -6.25	15.17 0.10 -4.79	13.80 0.08 -4.60	12.43 0.11 -4.56
OCC_CHEM____DRP 24175	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.87 -0.54 -1.18	9.96 -0.46 -1.28	10.19 -0.49 -1.31	11.65 -0.45 -1.18	11.08 -0.55 -1.49	10.91 -0.65 -1.55	12.74 -0.87 -1.32	12.53 -0.84 -1.18	12.04 -0.62 -1.47	11.38 -0.47 -1.55	10.06 -0.31 -1.82	10.06 -0.39 -1.80	10.06 -0.41 -1.82	10.08 -0.38 -1.96	10.02 -0.35 -3.11	11.59 -0.47 -3.48	12.04 -0.54 -4.08	12.04 -0.59 -3.27	14.66 -0.82 -3.24	12.01 -0.75 -2.48	10.85 -0.62 -2.35	9.86 -0.27 -2.36
OH_GEN_PROXY 24063	12.50 -0.35 -1.98	13.12 -0.39 -1.31	12.00 -0.40 -1.17	10.06 -0.35 -1.27	10.29 -0.37 -1.30	11.76 -0.32 -1.16	11.20 -0.41 -1.46	11.02 -0.51 -1.51	12.90 -0.69 -1.29	12.69 -0.66 -1.15	12.16 -0.46 -1.44	11.48 -0.34 -1.52	10.14 -0.20 -1.78	10.14 -0.28 -1.77	10.14 -0.29 -1.79	10.15 -0.27 -1.92	10.12 -0.25 -3.11	11.70 -0.35 -3.47	12.15 -0.42 -4.07	12.16 -0.46 -3.26	14.83 -0.64 -3.22	12.15 -0.61 -2.47	11.00 -0.49 -2.38	9.94 -0.18 -2.35
OLIN_CORP_DRP 24177	12.45 -0.42 -2.00	13.05 -0.48 -1.32	11.92 -0.49 -1.19	10.00 -0.42 -1.28	10.23 -0.45 -1.31	11.69 -0.40 -1.18	11.10 -0.53 -1.49	10.93 -0.64 -1.55	12.76 -0.86 -1.32	12.55 -0.83 -1.18	12.06 -0.60 -1.48	11.40 -0.46 -1.56	10.08 -0.30 -1.83	10.07 -0.39 -1.81	10.08 -0.40 -1.83	10.09 -0.37 -1.97	10.09 -0.34 -3.16	11.61 -0.47 -3.50	12.08 -0.54 -4.12	12.06 -0.59 -3.29	14.69 -0.81 -3.26	12.06 -0.72 -2.50	10.91 -0.60 -2.40	9.89 -0.26 -2.38
OLIN_CORP_DSASP 323712	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.86 -0.55 -1.18	9.96 -0.46 -1.28	10.18 -0.50 -1.31	11.64 -0.45 -1.17	11.07 -0.55 -1.48	10.88 -0.66 -1.52	12.72 -0.87 -1.30	12.50 -0.85 -1.16	12.01 -0.63 -1.45	11.35 -0.48 -1.53	10.04 -0.31 -1.79	10.03 -0.40 -1.78	10.03 -0.41 -1.80	10.04 -0.39 -1.94	10.00 -0.35 -3.09	11.58 -0.48 -3.48	12.03 -0.55 -4.08	12.03 -0.60 -3.26	14.65 -0.83 -3.23	11.99 -0.77 -2.48	10.84 -0.63 -2.35	9.86 -0.27 -2.36
ONEIDA_HERK_LFGE 323681	11.42 0.09 -0.47	12.63 0.11 -0.31	11.59 0.08 -0.28	9.50 0.06 -0.30	9.72 0.05 -0.31	11.25 0.05 -0.27	10.53 0.04 -0.35	10.42 0.04 -0.36	12.66 0.06 -0.30	12.49 0.02 -0.27	11.56 0.03 -0.34	10.66 0.00 -0.36	8.95 -0.03 -0.42	9.01 -0.06 -0.42	9.00 -0.07 -0.42	8.89 -0.06 -0.45	7.95 -0.05 -0.73	9.37 -0.03 -0.82	9.48 0.02 -0.96	10.19 0.06 -0.77	13.14 0.13 -0.76	10.95 0.08 -0.58	9.75 0.07 -0.56	8.34 0.02 -0.56
ONEIDA____115KV_TB4 55905	11.90 0.21 -0.83	12.98 0.23 -0.54	11.91 0.19 -0.49	9.81 0.14 -0.53	10.04 0.13 -0.54	11.56 0.16 -0.48	10.88 0.13 -0.61	10.78 0.13 -0.63	12.99 0.16 -0.54	12.82 0.15 -0.48	11.96 0.18 -0.60	11.08 0.14 -0.63	9.39 0.09 -0.74	9.46 0.08 -0.73	9.47 0.08 -0.74	9.38 0.08 -0.80	8.63 0.07 -1.29	10.12 0.09 -1.44	10.30 0.11 -1.69	10.86 0.15 -1.35	13.86 0.27 -1.34	11.51 0.20 -1.03	10.27 0.16 -0.99	8.85 0.10 -0.98

ONONDAGA_REF_OCCRA 23987	12.32 -0.05 -1.51	13.13 -0.07 -0.99	12.06 -0.07 -0.89	10.02 -0.08 -0.96	10.26 -0.09 -0.99	11.72 -0.08 -0.88	11.15 -0.10 -1.11	11.06 -0.11 -1.15	13.15 -0.12 -0.98	12.94 -0.13 -0.88	12.22 -0.06 -1.09	11.42 -0.03 -1.16	9.89 -0.02 -1.35	9.97 -0.02 -1.34	9.99 -0.02 -1.36	9.94 -0.02 -1.46	9.62 -0.01 -2.36	11.19 -0.03 -2.64	11.56 -0.03 -3.10	11.79 -0.05 -2.47	14.67 -0.02 -2.45	12.12 -0.04 -1.88	10.88 -0.05 -1.81	9.52 -0.03 -1.79
ONONDAGA___COGEN 23986	12.25 -0.04 -1.43	13.09 -0.06 -0.94	12.02 -0.06 -0.85	9.98 -0.07 -0.91	10.22 -0.08 -0.94	11.69 -0.07 -0.84	11.11 -0.09 -1.06	11.01 -0.10 -1.09	13.11 -0.11 -0.93	12.90 -0.12 -0.83	12.18 -0.04 -1.04	11.38 -0.02 -1.10	9.82 -0.02 -1.28	9.92 0.00 -1.27	9.93 0.00 -1.29	9.88 0.00 -1.39	9.50 0.00 -2.24	11.08 -0.01 -2.50	11.42 -0.02 -2.94	11.67 -0.04 -2.35	14.56 -0.01 -2.33	12.03 -0.03 -1.78	10.79 -0.04 -1.71	9.45 -0.02 -1.70
ONTARIO___LFGE 23819	12.86 0.09 -1.91	13.55 0.09 -1.25	12.43 0.07 -1.13	10.39 0.03 -1.22	10.62 0.01 -1.25	12.12 0.09 -1.12	11.57 0.02 -1.41	11.46 -0.01 -1.46	13.52 -0.01 -1.24	13.28 -0.02 -1.11	12.66 0.09 -1.38	11.87 0.11 -1.46	10.38 0.11 -1.71	10.45 0.10 -1.70	10.46 0.10 -1.72	10.45 0.10 -1.85	10.34 0.09 -2.99	12.01 0.09 -3.33	12.50 0.08 -3.92	12.56 0.07 -3.13	15.48 0.13 -3.10	12.72 0.06 -2.37	11.44 0.04 -2.28	10.12 0.09 -2.26
ORANGEVILLE_WT_PWR 323706	13.13 -0.09 -2.35	13.66 -0.10 -1.55	12.49 -0.13 -1.39	10.51 -0.13 -1.50	10.75 -0.16 -1.54	12.23 -0.07 -1.37	11.70 -0.18 -1.74	11.54 -0.27 -1.79	13.44 -0.38 -1.53	13.21 -0.35 -1.36	12.70 -0.19 -1.71	12.02 -0.08 -1.80	10.65 -0.02 -2.11	10.66 -0.09 -2.09	10.65 -0.11 -2.12	10.68 -0.09 -2.28	10.85 -0.09 -3.68	12.54 -0.15 -4.11	13.11 -0.21 -4.83	12.99 -0.22 -3.86	15.76 -0.31 -3.82	12.87 -0.34 -2.93	11.65 -0.28 -2.81	10.51 -0.05 -2.79
ORANGEVILLE___ESR 323794	13.13 -0.09 -2.35	13.66 -0.10 -1.55	12.49 -0.13 -1.39	10.51 -0.13 -1.50	10.75 -0.16 -1.54	12.23 -0.07 -1.37	11.70 -0.18 -1.74	11.54 -0.27 -1.79	13.44 -0.38 -1.53	13.21 -0.35 -1.36	12.70 -0.19 -1.71	12.02 -0.08 -1.80	10.65 -0.02 -2.11	10.66 -0.09 -2.09	10.65 -0.11 -2.12	10.68 -0.09 -2.28	10.85 -0.09 -3.68	12.54 -0.15 -4.11	13.11 -0.21 -4.83	12.99 -0.22 -3.86	15.76 -0.31 -3.82	12.87 -0.34 -2.93	11.65 -0.28 -2.81	10.51 -0.05 -2.79
OSWEGATCHIE___HYD 24044	10.92 -0.34 -0.39	12.11 -0.35 -0.26	11.14 -0.33 -0.23	9.13 -0.27 -0.25	9.36 -0.26 -0.26	10.81 -0.34 -0.23	10.15 -0.28 -0.29	10.04 -0.28 -0.30	12.17 -0.38 -0.25	12.00 -0.43 -0.23	10.96 -0.50 -0.28	10.11 -0.49 -0.30	8.46 -0.45 -0.35	8.51 -0.49 -0.35	8.51 -0.49 -0.35	8.41 -0.47 -0.38	7.48 -0.40 -0.61	8.85 -0.42 -0.69	8.96 -0.34 -0.81	9.68 -0.33 -0.64	12.50 -0.38 -0.64	10.45 -0.32 -0.49	9.31 -0.27 -0.47	7.95 -0.29 -0.47
OSWEGO___5 23606	11.76 -0.26 -1.15	12.66 -0.30 -0.76	11.63 -0.28 -0.68	9.63 -0.25 -0.74	9.86 -0.26 -0.76	11.32 -0.27 -0.67	10.71 -0.28 -0.85	10.61 -0.29 -0.88	12.69 -0.36 -0.75	12.51 -0.35 -0.67	11.75 -0.27 -0.84	10.95 -0.24 -0.88	9.40 -0.19 -1.04	9.49 -0.19 -1.03	9.50 -0.19 -1.04	9.43 -0.19 -1.12	8.91 -0.16 -1.81	10.40 -0.20 -2.02	10.66 -0.21 -2.37	11.02 -0.23 -1.89	13.84 -0.28 -1.88	11.45 -0.27 -1.44	10.26 -0.24 -1.38	8.96 -0.18 -1.37
OSWEGO___6 23613	11.76 -0.26 -1.15	12.66 -0.30 -0.76	11.63 -0.28 -0.68	9.63 -0.25 -0.74	9.86 -0.26 -0.76	11.32 -0.27 -0.67	10.71 -0.28 -0.85	10.61 -0.29 -0.88	12.69 -0.36 -0.75	12.51 -0.35 -0.67	11.75 -0.27 -0.84	10.95 -0.24 -0.88	9.40 -0.19 -1.04	9.49 -0.19 -1.03	9.50 -0.19 -1.04	9.43 -0.19 -1.12	8.91 -0.16 -1.81	10.40 -0.20 -2.02	10.66 -0.21 -2.37	11.02 -0.23 -1.89	13.84 -0.28 -1.88	11.45 -0.27 -1.44	10.26 -0.24 -1.38	8.96 -0.18 -1.37
OUTOKUMPU-AB___DRP 24206	12.67 -0.23 -2.03	13.30 -0.24 -1.34	12.15 -0.28 -1.20	10.18 -0.26 -1.30	10.40 -0.29 -1.33	11.90 -0.21 -1.19	11.30 -0.34 -1.51	11.14 -0.45 -1.57	13.01 -0.63 -1.34	12.81 -0.59 -1.20	12.30 -0.38 -1.49	11.62 -0.26 -1.58	10.27 -0.13 -1.85	10.26 -0.22 -1.83	10.26 -0.24 -1.85	10.27 -0.22 -2.00	10.24 -0.21 -3.19	11.82 -0.31 -3.54	12.28 -0.37 -4.16	12.28 -0.40 -3.32	14.98 -0.56 -3.29	12.27 -0.53 -2.52	11.08 -0.45 -2.41	10.03 -0.14 -2.40
OXBOW___ 24026	12.55 -0.33 -2.01	13.17 -0.37 -1.33	12.03 -0.39 -1.19	10.09 -0.34 -1.29	10.31 -0.37 -1.32	11.79 -0.31 -1.18	11.20 -0.43 -1.49	11.01 -0.54 -1.54	12.88 -0.73 -1.31	12.67 -0.69 -1.17	12.16 -0.48 -1.46	11.49 -0.35 -1.54	10.16 -0.21 -1.81	10.15 -0.29 -1.79	10.14 -0.32 -1.81	10.15 -0.30 -1.95	10.12 -0.27 -3.12	11.71 -0.39 -3.51	12.16 -0.46 -4.12	12.17 -0.49 -3.29	14.84 -0.67 -3.26	12.14 -0.65 -2.50	10.97 -0.53 -2.38	9.96 -0.19 -2.38
OXY_CHEM_DSASP 323612	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.86 -0.55 -1.18	9.96 -0.46 -1.28	10.18 -0.50 -1.31	11.64 -0.45 -1.17	11.07 -0.55 -1.48	10.88 -0.66 -1.52	12.72 -0.87 -1.30	12.50 -0.85 -1.16	12.01 -0.63 -1.45	11.35 -0.48 -1.53	10.04 -0.31 -1.79	10.03 -0.40 -1.78	10.03 -0.41 -1.80	10.04 -0.39 -1.94	10.00 -0.35 -3.09	11.58 -0.48 -3.48	12.03 -0.55 -4.08	12.03 -0.60 -3.26	14.65 -0.83 -3.23	11.99 -0.77 -2.48	10.84 -0.63 -2.35	9.86 -0.27 -2.36
OZONE_PARK_ESR 323760	26.00 1.03 -14.10	22.33 1.14 -8.99	20.37 1.06 -8.09	18.70 0.84 -8.72	19.16 0.85 -8.94	19.90 0.99 -7.99	21.16 0.93 -10.08	21.40 0.95 -10.43	22.44 1.25 -8.89	21.43 1.26 -7.98	22.37 1.14 -10.05	21.96 1.06 -10.60	21.85 0.91 -12.39	21.81 0.91 -12.26	21.97 0.91 -12.41	22.74 0.88 -13.37	30.00 0.76 -21.97	33.99 0.89 -24.51	38.06 0.87 -28.70	32.79 0.95 -22.49	35.96 1.22 -22.49	28.28 1.00 -17.00	26.56 0.88 -16.56	24.67 0.72 -16.18
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.87 -0.54 -1.18	9.96 -0.46 -1.28	10.19 -0.49 -1.31	11.65 -0.45 -1.18	11.08 -0.55 -1.49	10.91 -0.65 -1.55	12.74 -0.87 -1.32	12.53 -0.84 -1.18	12.04 -0.62 -1.47	11.38 -0.47 -1.55	10.06 -0.31 -1.82	10.06 -0.39 -1.80	10.06 -0.41 -1.82	10.08 -0.38 -1.96	10.02 -0.35 -3.11	11.59 -0.47 -3.48	12.04 -0.54 -4.08	12.04 -0.59 -3.27	14.66 -0.82 -3.24	12.01 -0.75 -2.48	10.85 -0.62 -2.35	9.86 -0.27 -2.36
PACKARD__115KV_DUPONT_184 80571	12.38 -0.48 -2.00	12.99 -0.54 -1.31	11.87 -0.54 -1.18	9.96 -0.46 -1.28	10.19 -0.49 -1.31	11.65 -0.45 -1.18	11.08 -0.55 -1.49	10.91 -0.65 -1.55	12.74 -0.87 -1.32	12.53 -0.84 -1.18	12.04 -0.62 -1.47	11.38 -0.47 -1.55	10.06 -0.31 -1.82	10.06 -0.39 -1.80	10.06 -0.41 -1.82	10.08 -0.38 -1.96	10.02 -0.35 -3.11	11.59 -0.47 -3.48	12.04 -0.54 -4.08	12.04 -0.59 -3.27	14.66 -0.82 -3.24	12.01 -0.75 -2.48	10.85 -0.62 -2.35	9.86 -0.27 -2.36
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.94 0.97 -14.11	22.29 1.09 -8.99	20.31 0.99 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.83 0.92 -7.99	21.08 0.85 -10.09	21.30 0.85 -10.43	22.31 1.13 -8.88	21.30 1.13 -7.97	22.26 1.04 -10.04	21.87 0.98 -10.59	21.77 0.83 -12.39	21.73 0.83 -12.25	21.88 0.84 -12.40	22.67 0.82 -13.36	29.93 0.70 -21.96	33.90 0.82 -24.50	37.99 0.79 -28.70	32.70 0.86 -22.48	35.84 1.10 -22.49	28.19 0.90 -17.00	26.50 0.81 -16.57	24.62 0.67 -16.19

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.96 0.99 -14.11	22.30 1.10 -8.99	20.32 1.00 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.86 0.95 -7.99	21.10 0.87 -10.09	21.31 0.86 -10.43	22.32 1.14 -8.88	21.31 1.15 -7.97	22.28 1.05 -10.04	21.87 0.98 -10.59	21.77 0.83 -12.39	21.73 0.83 -12.25	21.89 0.85 -12.40	22.67 0.82 -13.36	29.93 0.70 -21.96	33.91 0.82 -24.50	37.99 0.80 -28.70	32.71 0.87 -22.48	35.86 1.13 -22.49	28.21 0.93 -17.00	26.50 0.82 -16.57	24.65 0.69 -16.19
PATROON__115KV_TB1 80586	28.15 0.23 -17.06	23.80 0.27 -11.32	21.66 0.25 -10.18	20.32 0.19 -10.98	20.85 0.22 -11.27	21.23 0.25 -10.06	23.04 0.22 -12.68	23.31 0.19 -13.10	23.69 0.27 -11.13	22.33 0.27 -9.87	23.59 0.28 -12.13	23.43 0.28 -12.85	23.87 0.22 -15.09	23.92 0.22 -15.05	24.03 0.21 -15.17	25.02 0.20 -16.32	32.79 0.17 -25.35	37.11 0.22 -28.30	42.24 0.22 -33.52	37.54 0.24 -27.93	39.67 0.29 -27.13	31.91 0.25 -21.38	29.30 0.19 -19.99	28.24 0.12 -20.35
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.79 -0.27 -2.20	13.36 -0.29 -1.45	12.20 -0.34 -1.30	10.25 -0.29 -1.40	10.48 -0.33 -1.44	11.95 -0.26 -1.29	11.39 -0.39 -1.63	11.24 -0.47 -1.70	13.12 -0.61 -1.44	12.91 -0.57 -1.29	12.41 -0.39 -1.61	11.75 -0.26 -1.70	10.40 -0.15 -2.00	10.38 -0.25 -1.98	10.39 -0.26 -2.00	10.41 -0.24 -2.16	10.50 -0.23 -3.46	12.11 -0.32 -3.84	12.64 -0.37 -4.52	12.56 -0.41 -3.61	15.26 -0.56 -3.57	12.49 -0.53 -2.74	11.28 -0.46 -2.63	10.18 -0.19 -2.61
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.87 0.92 -14.08	22.28 1.01 -9.06	20.30 0.92 -8.15	18.67 0.74 -8.79	19.13 0.75 -9.02	19.83 0.86 -8.06	21.11 0.80 -10.16	21.32 0.80 -10.51	22.31 1.07 -8.95	21.32 1.10 -8.02	22.27 0.98 -10.10	21.83 0.88 -10.65	21.76 0.74 -12.46	21.72 0.74 -12.33	21.90 0.77 -12.48	22.69 0.75 -13.45	29.95 0.64 -22.05	33.95 0.76 -24.61	38.06 0.73 -28.83	32.81 0.79 -22.67	35.92 1.04 -22.63	28.31 0.88 -17.14	26.56 0.77 -16.67	24.73 0.64 -16.32
PEEKSKILL____ 23653	25.56 0.84 -13.86	22.01 0.92 -8.89	20.08 0.85 -7.99	18.45 0.69 -8.62	18.89 0.68 -8.84	19.61 0.80 -7.90	20.87 0.75 -9.97	21.09 0.76 -10.31	22.09 1.01 -8.78	21.10 1.02 -7.88	22.03 0.92 -9.93	21.62 0.85 -10.47	21.53 0.73 -12.25	21.49 0.73 -12.11	21.65 0.73 -12.26	22.42 0.71 -13.21	29.60 0.61 -21.73	33.55 0.71 -24.25	37.58 0.69 -28.40	32.37 0.75 -22.26	35.47 0.97 -22.25	27.90 0.79 -16.82	26.21 0.70 -16.39	24.37 0.59 -16.01
PGE MADISON__WINDPWR 24146	15.33 0.84 -3.63	15.56 0.96 -2.39	14.22 0.84 -2.15	12.11 0.65 -2.31	12.41 0.67 -2.37	13.83 0.80 -2.12	13.50 0.68 -2.68	13.46 0.67 -2.77	15.47 0.82 -2.36	15.02 0.72 -2.11	14.54 0.73 -2.63	13.69 0.61 -2.78	12.21 0.40 -3.26	12.30 0.42 -3.23	12.33 0.42 -3.26	12.46 0.45 -3.52	13.31 0.36 -5.68	15.39 0.47 -6.34	16.45 0.50 -7.45	15.96 0.65 -5.95	19.19 1.05 -5.90	15.61 0.81 -4.52	14.17 0.71 -4.34	12.56 0.49 -4.30
PIERCEFIELD__HYD 23852	10.33 -0.53 0.00	11.65 -0.56 0.00	10.72 -0.51 0.00	8.75 -0.39 0.00	8.99 -0.37 0.00	10.43 -0.49 0.00	9.75 -0.40 0.00	9.63 -0.39 0.00	11.78 -0.52 0.00	11.63 -0.56 0.00	10.50 -0.68 0.00	9.64 -0.66 0.00	7.96 -0.59 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.93 -0.57 0.00	6.78 -0.49 0.00	8.06 -0.52 0.00	8.04 -0.46 0.00	8.88 -0.48 0.00	11.62 -0.62 0.00	9.79 -0.49 0.00	8.68 -0.44 0.00	7.36 -0.40 0.00
PINELAWN_CC_1 323563	26.69 1.16 -14.66	27.07 1.28 -13.58	23.71 1.19 -11.29	20.08 0.96 -9.98	19.28 0.97 -8.94	20.01 1.10 -7.99	21.29 1.06 -10.08	21.52 1.08 -10.42	22.76 1.40 -9.06	30.66 1.38 -17.09	26.08 1.20 -13.70	25.72 1.11 -14.30	26.66 0.92 -17.18	27.19 0.94 -17.59	26.45 0.94 -16.86	29.65 0.91 -20.25	32.27 0.79 -24.21	41.68 0.94 -32.16	41.33 0.90 -31.93	34.58 0.98 -24.24	36.01 1.26 -22.51	28.33 1.04 -17.01	26.63 0.95 -16.57	25.08 0.84 -16.47
PJM_GEN_HTP_PROXY 323702	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.08	18.64 0.78 -8.72	19.08 0.78 -8.94	19.81 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.43	22.33 1.14 -8.89	21.33 1.16 -7.97	22.28 1.05 -10.05	21.88 0.98 -10.60	21.78 0.83 -12.39	21.74 0.83 -12.26	21.89 0.83 -12.41	22.67 0.81 -13.37	29.93 0.69 -21.97	33.91 0.81 -24.52	37.98 0.78 -28.70	32.71 0.85 -22.49	35.83 1.09 -22.49	28.17 0.88 -17.00	26.46 0.78 -16.56	24.61 0.66 -16.18
PJM_GEN_KEystone 24065	19.48 0.34 -8.28	18.04 0.37 -5.47	16.47 0.33 -4.92	14.70 0.26 -5.30	15.05 0.24 -5.44	16.12 0.34 -4.86	16.55 0.27 -6.14	16.61 0.25 -6.34	18.03 0.33 -5.40	17.38 0.34 -4.84	17.64 0.36 -6.10	17.09 0.36 -6.43	16.41 0.33 -7.53	16.40 0.30 -7.45	16.50 0.31 -7.54	16.92 0.31 -8.12	20.84 0.25 -13.32	23.73 0.27 -14.87	26.15 0.24 -17.42	23.31 0.26 -13.68	26.24 0.33 -13.67	20.87 0.24 -10.35	19.40 0.22 -10.06	17.87 0.26 -9.85
PJM_GEN_NEPTUNE_PROXY 323594	26.32 1.04 -14.41	24.91 1.15 -11.56	22.17 1.07 -9.87	19.41 0.86 -9.41	19.18 0.87 -8.94	19.90 0.99 -7.99	21.18 0.95 -10.08	21.41 0.97 -10.42	22.54 1.27 -8.98	26.38 1.26 -12.93	24.31 1.10 -12.03	23.92 1.01 -12.61	24.39 0.85 -14.99	24.65 0.85 -15.15	24.33 0.86 -14.83	26.44 0.84 -17.10	31.18 0.73 -23.19	39.46 0.85 -30.03	39.76 0.80 -30.46	33.67 0.87 -23.44	35.86 1.11 -22.50	28.20 0.91 -17.01	26.52 0.84 -16.57	24.85 0.74 -16.34
PJM_GEN_VFT_PROXY 323633	25.89 0.92 -14.10	22.21 1.01 -8.99	20.27 0.95 -8.09	18.62 0.76 -8.72	19.07 0.77 -8.94	19.83 0.92 -7.99	21.07 0.84 -10.09	21.33 0.88 -10.43	22.34 1.16 -8.89	21.34 1.17 -7.98	22.28 1.04 -10.05	21.86 0.96 -10.60	20.60 0.80 -11.24	20.74 0.80 -11.29	21.87 0.81 -12.41	22.64 0.78 -13.37	29.90 0.66 -21.98	33.86 0.76 -24.52	37.94 0.74 -28.71	32.67 0.81 -22.50	35.78 1.04 -22.50	28.13 0.84 -17.00	26.43 0.75 -16.57	24.57 0.62 -16.18
PLATSBRG_115KV_PMLD1 355749	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.22 0.08 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.31 0.17 0.00	10.30 0.28 0.00	12.55 0.26 0.00	12.31 0.11 0.00	10.89 -0.29 0.00	9.91 -0.39 0.00	8.13 -0.42 0.00	8.20 -0.45 0.00	8.21 -0.44 0.00	8.08 -0.42 0.00	6.90 -0.36 0.00	8.28 -0.30 0.00	8.30 -0.20 0.00	9.23 -0.13 0.00	12.00 -0.24 0.00	10.12 -0.16 0.00	9.02 -0.09 0.00	7.74 -0.03 0.00
PLEASANTVLY__LBMP 24000	26.28 0.71 -14.70	22.40 0.77 -9.42	20.42 0.72 -8.47	18.86 0.59 -9.14	19.32 0.58 -9.37	19.98 0.69 -8.37	21.35 0.64 -10.57	21.59 0.65 -10.92	22.45 0.85 -9.31	21.40 0.85 -8.35	22.48 0.77 -10.53	22.12 0.72 -11.10	22.15 0.62 -12.98	22.10 0.61 -12.84	22.26 0.61 -13.00	23.10 0.60 -14.01	30.83 0.52 -23.05	34.90 0.59 -25.73	39.20 0.58 -30.12	33.57 0.63 -23.58	36.66 0.82 -23.59	28.78 0.68 -17.82	27.09 0.60 -17.37	25.23 0.50 -16.97
PLSNTVLE_13_KV_13.8KVDIST 80602	25.88 0.86 -14.16	22.20 0.94 -9.05	20.23 0.86 -8.14	18.61 0.69 -8.78	19.07 0.70 -9.00	19.78 0.82 -8.04	21.06 0.77 -10.15	21.29 0.78 -10.49	22.25 1.02 -8.94	21.25 1.04 -8.02	22.23 0.94 -10.10	21.82 0.87 -10.65	21.76 0.74 -12.47	21.72 0.74 -12.33	21.88 0.75 -12.48	22.66 0.72 -13.45	30.00 0.62 -22.11	33.99 0.72 -24.69	38.11 0.71 -28.90	32.78 0.77 -22.65	35.90 1.00 -22.65	28.22 0.82 -17.12	26.52 0.73 -16.68	24.66 0.60 -16.30

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.88 0.86 -14.16	22.20 0.94 -9.05	20.23 0.86 -8.14	18.61 0.69 -8.78	19.07 0.70 -9.00	19.78 0.82 -8.04	21.06 0.77 -10.15	21.29 0.78 -10.49	22.25 1.02 -8.94	21.25 1.04 -8.02	22.23 0.94 -10.10	21.82 0.87 -10.65	21.76 0.74 -12.47	21.72 0.74 -12.33	21.88 0.75 -12.48	22.66 0.72 -13.45	30.00 0.62 -22.11	33.99 0.72 -24.69	38.11 0.71 -28.90	32.78 0.77 -22.65	35.90 1.00 -22.65	28.22 0.82 -17.12	26.52 0.73 -16.68	24.66 0.60 -16.30
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.62 0.78 -13.98	22.25 0.88 -9.16	20.26 0.80 -8.24	18.66 0.64 -8.88	19.13 0.65 -9.11	19.81 0.75 -8.14	21.11 0.70 -10.27	21.34 0.71 -10.62	22.26 0.93 -9.03	21.19 0.94 -8.06	22.07 0.85 -10.04	21.68 0.77 -10.61	21.66 0.67 -12.44	21.66 0.67 -12.35	21.81 0.68 -12.48	22.59 0.66 -13.43	29.37 0.57 -21.53	33.27 0.65 -24.04	37.41 0.63 -28.29	32.84 0.69 -22.79	35.63 0.89 -22.49	28.38 0.77 -17.32	26.36 0.68 -16.56	24.82 0.57 -16.49
POLETTI____ 23519	25.90 0.93 -14.10	22.22 1.03 -8.99	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.07 0.84 -10.08	21.32 0.87 -10.43	22.32 1.13 -8.89	21.31 1.13 -7.98	22.27 1.04 -10.05	21.86 0.96 -10.60	21.76 0.81 -12.39	21.73 0.82 -12.26	21.88 0.82 -12.41	22.66 0.80 -13.37	29.91 0.68 -21.97	33.88 0.79 -24.51	37.96 0.76 -28.70	32.68 0.83 -22.49	35.81 1.08 -22.49	28.16 0.88 -17.00	26.46 0.78 -16.56	24.59 0.64 -16.18
PORT_JEFF_3 23555	26.73 1.21 -14.66	27.16 1.37 -13.58	23.77 1.26 -11.29	20.13 1.01 -9.98	19.34 1.03 -8.94	20.07 1.17 -7.99	21.36 1.14 -10.08	21.58 1.14 -10.42	22.83 1.47 -9.06	30.75 1.46 -17.09	26.14 1.25 -13.70	25.79 1.18 -14.30	26.72 0.98 -17.18	27.22 0.98 -17.59	26.49 0.98 -16.86	29.70 0.96 -20.25	32.29 0.81 -24.21	41.70 0.95 -32.16	41.35 0.92 -31.93	34.59 0.99 -24.24	36.05 1.30 -22.51	28.37 1.08 -17.01	26.67 0.98 -16.57	25.11 0.87 -16.47
PORT_JEFF_4 23616	26.73 1.21 -14.66	27.16 1.37 -13.58	23.77 1.26 -11.29	20.13 1.01 -9.98	19.34 1.03 -8.94	20.07 1.17 -7.99	21.36 1.14 -10.08	21.58 1.14 -10.42	22.83 1.47 -9.06	30.75 1.46 -17.09	26.14 1.25 -13.70	25.79 1.18 -14.30	26.72 0.98 -17.18	27.22 0.98 -17.59	26.49 0.98 -16.86	29.70 0.96 -20.25	32.29 0.81 -24.21	41.70 0.95 -32.16	41.35 0.92 -31.93	34.59 0.99 -24.24	36.05 1.30 -22.51	28.37 1.08 -17.01	26.67 0.98 -16.57	25.11 0.87 -16.47
PORT_JEFF_IC 23713	26.75 1.23 -14.66	27.17 1.38 -13.58	23.79 1.27 -11.29	20.15 1.02 -9.98	19.35 1.04 -8.94	20.08 1.18 -7.99	21.37 1.15 -10.08	21.59 1.15 -10.42	22.86 1.50 -9.06	30.77 1.49 -17.09	26.16 1.27 -13.70	25.81 1.20 -14.30	26.73 1.00 -17.18	27.24 0.99 -17.59	26.51 1.00 -16.86	29.72 0.98 -20.25	32.31 0.84 -24.21	41.70 0.95 -32.16	41.35 0.92 -31.93	34.60 1.00 -24.24	36.08 1.33 -22.51	28.39 1.10 -17.01	26.70 1.01 -16.57	25.12 0.89 -16.47
PPL PILGRIM_ST_GT1 24216	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.06 1.16 -7.99	21.34 1.12 -10.08	21.56 1.12 -10.42	22.82 1.46 -9.06	30.71 1.43 -17.09	26.09 1.21 -13.70	25.75 1.14 -14.30	26.67 0.93 -17.18	27.22 0.94 -17.63	26.46 0.95 -16.86	29.70 0.93 -20.28	32.31 0.80 -24.24	41.72 0.94 -32.20	41.36 0.90 -31.96	34.61 0.98 -24.27	36.04 1.26 -22.54	28.36 1.04 -17.04	26.65 0.97 -16.57	25.10 0.86 -16.47
PPL PILGRIM_ST_GT2 24217	26.73 1.21 -14.66	27.12 1.33 -13.58	23.75 1.24 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.06 1.16 -7.99	21.34 1.12 -10.08	21.56 1.12 -10.42	22.82 1.46 -9.06	30.71 1.43 -17.09	26.09 1.21 -13.70	25.75 1.14 -14.30	26.67 0.93 -17.18	27.22 0.94 -17.63	26.46 0.95 -16.86	29.70 0.93 -20.28	32.31 0.80 -24.24	41.72 0.94 -32.20	41.36 0.90 -31.96	34.61 0.98 -24.27	36.04 1.26 -22.54	28.36 1.04 -17.04	26.65 0.97 -16.57	25.10 0.86 -16.47
PPL_SHRM_GT3 24213	26.63 1.11 -14.66	27.05 1.26 -13.58	23.66 1.15 -11.29	20.05 0.92 -9.98	19.24 0.93 -8.94	19.94 1.04 -7.99	21.27 1.04 -10.08	21.47 1.03 -10.42	22.71 1.35 -9.06	30.64 1.35 -17.09	26.05 1.16 -13.70	25.71 1.10 -14.30	26.65 0.92 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.64 0.90 -20.25	32.25 0.77 -24.21	41.67 0.92 -32.16	41.31 0.88 -31.93	34.56 0.96 -24.24	35.97 1.22 -22.51	28.33 1.04 -17.01	26.61 0.92 -16.57	25.04 0.80 -16.47
PPL_SHRM_GT4 24214	26.63 1.11 -14.66	27.05 1.26 -13.58	23.66 1.15 -11.29	20.05 0.92 -9.98	19.24 0.93 -8.94	19.94 1.04 -7.99	21.27 1.04 -10.08	21.47 1.03 -10.42	22.71 1.35 -9.06	30.64 1.35 -17.09	26.05 1.16 -13.70	25.71 1.10 -14.30	26.65 0.92 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.64 0.90 -20.25	32.25 0.77 -24.21	41.67 0.92 -32.16	41.31 0.88 -31.93	34.56 0.96 -24.24	35.97 1.22 -22.51	28.33 1.04 -17.01	26.61 0.92 -16.57	25.04 0.80 -16.47
PROJECT____ORANGE 1 24174	12.06 -0.09 -1.28	12.94 -0.11 -0.84	11.89 -0.10 -0.76	9.85 -0.11 -0.82	10.08 -0.12 -0.84	11.56 -0.11 -0.75	10.95 -0.13 -0.94	10.85 -0.14 -0.98	12.95 -0.17 -0.83	12.77 -0.17 -0.74	12.02 -0.09 -0.93	11.22 -0.06 -0.98	9.66 -0.04 -1.15	9.75 -0.03 -1.14	9.76 -0.04 -1.15	9.69 -0.04 -1.24	9.24 -0.03 -2.00	10.77 -0.05 -2.24	11.07 -0.06 -2.63	11.38 -0.08 -2.10	14.25 -0.07 -2.08	11.79 -0.08 -1.59	10.57 -0.08 -1.53	9.23 -0.05 -1.52
PROJECT____ORANGE 2 24166	12.06 -0.09 -1.28	12.94 -0.11 -0.84	11.89 -0.10 -0.76	9.85 -0.11 -0.82	10.08 -0.12 -0.84	11.56 -0.11 -0.75	10.95 -0.13 -0.94	10.85 -0.14 -0.98	12.95 -0.17 -0.83	12.77 -0.17 -0.74	12.02 -0.09 -0.93	11.22 -0.06 -0.98	9.66 -0.04 -1.15	9.75 -0.03 -1.14	9.76 -0.04 -1.15	9.69 -0.04 -1.24	9.24 -0.03 -2.00	10.77 -0.05 -2.24	11.07 -0.06 -2.63	11.38 -0.08 -2.10	14.25 -0.07 -2.08	11.79 -0.08 -1.59	10.57 -0.08 -1.53	9.23 -0.05 -1.52
PUCKETT____SOLAR 323809	15.11 0.33 -3.92	15.16 0.37 -2.58	13.88 0.33 -2.32	11.88 0.24 -2.50	12.17 0.23 -2.57	13.52 0.31 -2.30	13.28 0.24 -2.90	13.22 0.21 -2.99	15.09 0.25 -2.55	14.67 0.19 -2.28	14.25 0.22 -2.85	13.52 0.22 -3.01	12.23 0.15 -3.52	12.31 0.16 -3.49	12.34 0.16 -3.53	12.47 0.17 -3.80	13.57 0.16 -6.14	15.64 0.20 -6.86	16.76 0.20 -8.06	16.05 0.25 -6.44	19.03 0.40 -6.38	15.47 0.30 -4.89	14.07 0.25 -4.70	12.64 0.23 -4.65
PYRITES____HYD 24023	10.53 -0.34 0.00	11.85 -0.35 0.00	10.93 -0.30 0.00	8.89 -0.25 0.00	9.15 -0.22 0.00	10.60 -0.32 0.00	9.91 -0.23 0.00	9.79 -0.23 0.00	11.96 -0.33 0.00	11.83 -0.37 0.00	10.67 -0.51 0.00	9.79 -0.50 0.00	8.09 -0.46 0.00	8.19 -0.46 0.00	8.19 -0.46 0.00	8.06 -0.43 0.00	6.89 -0.38 0.00	8.20 -0.38 0.00	8.18 -0.31 0.00	9.05 -0.31 0.00	11.85 -0.39 0.00	9.97 -0.31 0.00	8.84 -0.27 0.00	7.48 -0.29 0.00
QUAKERRD_115KV_BK1 80622	12.10 -0.37 -1.60	12.84 -0.43 -1.06	11.78 -0.40 -0.95	9.81 -0.36 -1.02	10.03 -0.38 -1.05	11.48 -0.37 -0.94	10.95 -0.38 -1.18	10.85 -0.39 -1.22	12.86 -0.48 -1.04	12.65 -0.48 -0.93	12.02 -0.32 -1.16	11.25 -0.28 -1.23	9.81 -0.18 -1.44	9.87 -0.21 -1.42	9.88 -0.21 -1.44	9.83 -0.22 -1.55	9.61 -0.17 -2.51	11.15 -0.24 -2.81	11.52 -0.27 -3.29	11.69 -0.30 -2.63	14.46 -0.39 -2.61	11.89 -0.39 -2.00	10.66 -0.37 -1.92	9.45 -0.22 -1.90

QUENSBRY_115KV_TB8 356137	28.90 0.36 -17.67	24.32 0.38 -11.73	22.08 0.30 -10.55	20.76 0.24 -11.38	21.31 0.27 -11.67	21.65 0.31 -10.43	23.57 0.28 -13.14	23.83 0.23 -13.59	24.18 0.34 -11.54	22.78 0.33 -10.25	24.22 0.39 -12.64	24.03 0.35 -13.39	24.55 0.28 -15.71	24.59 0.29 -15.66	24.71 0.28 -15.79	25.75 0.26 -16.99	34.09 0.23 -26.59	38.59 0.33 -29.68	43.94 0.34 -35.10	38.78 0.40 -29.01	41.02 0.49 -28.28	32.82 0.37 -22.17	30.24 0.28 -20.84	29.05 0.18 -21.10
RAMAPO____LBMP 323565	24.61 0.80 -12.94	21.71 0.89 -8.62	19.81 0.83 -7.75	18.16 0.67 -8.35	18.60 0.67 -8.57	19.35 0.78 -7.66	20.53 0.73 -9.66	20.74 0.74 -9.99	21.79 0.98 -8.51	20.81 0.99 -7.63	21.69 0.89 -9.62	21.27 0.83 -10.14	21.13 0.71 -11.86	21.09 0.71 -11.73	21.24 0.72 -11.88	21.99 0.70 -12.80	28.89 0.60 -21.03	32.76 0.70 -23.48	36.66 0.67 -27.50	31.65 0.73 -21.56	34.74 0.94 -21.55	27.37 0.79 -16.30	25.68 0.69 -15.87	23.85 0.57 -15.51
RANKINE____ 23646	12.85 -0.16 -2.15	13.45 -0.17 -1.41	12.28 -0.22 -1.27	10.31 -0.20 -1.37	10.54 -0.23 -1.41	12.04 -0.14 -1.26	11.46 -0.27 -1.60	11.30 -0.37 -1.66	13.19 -0.52 -1.41	12.98 -0.48 -1.26	12.47 -0.29 -1.58	11.80 -0.16 -1.67	10.44 -0.07 -1.95	10.42 -0.16 -1.93	10.42 -0.18 -1.96	10.44 -0.16 -2.11	10.49 -0.16 -3.38	12.10 -0.24 -3.76	12.61 -0.31 -4.41	12.55 -0.34 -3.53	15.27 -0.47 -3.49	12.51 -0.45 -2.68	11.30 -0.38 -2.57	10.21 -0.10 -2.55
RAVENSWOOD_GT2_1 24244	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.78 0.82 -12.40	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.93 0.69 -21.98	33.91 0.81 -24.52	37.99 0.78 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.19
RAVENSWOOD_GT2_2 24245	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.78 0.82 -12.40	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.93 0.69 -21.98	33.91 0.81 -24.52	37.99 0.78 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.19
RAVENSWOOD_GT2_3 24246	25.92 0.96 -14.10	22.24 1.05 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.09 0.86 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.34 1.16 -7.98	22.29 1.05 -10.06	21.89 0.98 -10.61	21.79 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.42	22.68 0.82 -13.37	29.94 0.70 -21.98	33.91 0.81 -24.52	38.00 0.79 -28.71	32.71 0.85 -22.50	35.84 1.10 -22.50	28.17 0.88 -17.00	26.47 0.79 -16.57	24.61 0.66 -16.19
RAVENSWOOD_GT2_4 24247	25.92 0.96 -14.10	22.24 1.05 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.09 0.86 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.34 1.16 -7.98	22.29 1.05 -10.06	21.89 0.98 -10.61	21.79 0.83 -12.40	21.74 0.83 -12.26	21.90 0.84 -12.42	22.68 0.82 -13.37	29.94 0.70 -21.98	33.91 0.81 -24.52	38.00 0.79 -28.71	32.71 0.85 -22.50	35.84 1.10 -22.50	28.17 0.88 -17.00	26.47 0.79 -16.57	24.61 0.66 -16.19
RAVENSWOOD_GT3_1 24248	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.78 0.82 -12.40	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.93 0.69 -21.98	33.91 0.81 -24.52	37.99 0.78 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.19
RAVENSWOOD_GT3_2 24249	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.78 0.82 -12.40	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.93 0.69 -21.98	33.91 0.81 -24.52	37.99 0.78 -28.71	32.71 0.85 -22.50	35.83 1.09 -22.50	28.17 0.88 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.19
RAVENSWOOD_GT3_3 24250	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.10 0.80 -8.94	19.84 0.93 -7.99	21.10 0.87 -10.09	21.33 0.88 -10.44	22.35 1.16 -8.90	21.35 1.17 -7.98	22.30 1.06 -10.06	21.90 0.99 -10.61	21.79 0.84 -12.40	21.75 0.84 -12.26	21.91 0.85 -12.42	22.69 0.82 -13.37	29.95 0.70 -21.98	33.92 0.82 -24.52	38.00 0.80 -28.71	32.72 0.86 -22.50	35.86 1.11 -22.50	28.18 0.89 -17.00	26.48 0.80 -16.57	24.62 0.67 -16.19
RAVENSWOOD_GT3_4 24251	25.92 0.96 -14.10	22.24 1.05 -8.99	20.29 0.98 -8.09	18.65 0.79 -8.72	19.10 0.80 -8.94	19.84 0.93 -7.99	21.10 0.87 -10.09	21.33 0.88 -10.44	22.35 1.16 -8.90	21.35 1.17 -7.98	22.30 1.06 -10.06	21.90 0.99 -10.61	21.79 0.84 -12.40	21.75 0.84 -12.26	21.91 0.85 -12.42	22.69 0.82 -13.37	29.95 0.70 -21.98	33.92 0.82 -24.52	38.00 0.80 -28.71	32.72 0.86 -22.50	35.86 1.11 -22.50	28.18 0.89 -17.00	26.48 0.80 -16.57	24.62 0.67 -16.19
RAVENSWOOD_GT_1 23729	25.97 1.00 -14.11	22.30 1.10 -9.00	20.34 1.02 -8.09	18.69 0.82 -8.72	19.15 0.83 -8.95	19.86 0.95 -7.99	21.12 0.89 -10.09	21.35 0.90 -10.44	22.39 1.19 -8.90	21.37 1.20 -7.98	22.34 1.10 -10.06	21.93 1.02 -10.61	23.06 0.87 -13.63	21.78 0.86 -12.27	21.94 0.87 -12.42	22.72 0.85 -13.38	34.57 0.73 -26.58	35.01 0.85 -25.57	38.03 0.82 -28.71	34.18 0.90 -23.92	35.89 1.15 -22.50	28.21 0.93 -17.00	26.53 0.84 -16.58	24.66 0.70 -16.19
RAVENSWOOD_GT_10 24258	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.72 0.82 -12.34	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.53 0.69 -21.57	33.81 0.80 -24.43	37.99 0.78 -28.71	32.58 0.85 -22.37	35.83 1.09 -22.50	28.16 0.87 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
RAVENSWOOD_GT_11 24259	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.72 0.82 -12.34	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.53 0.69 -21.57	33.81 0.80 -24.43	37.99 0.78 -28.71	32.58 0.85 -22.37	35.83 1.09 -22.50	28.16 0.87 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
RAVENSWOOD_GT_4 24252	25.90 0.93 -14.10	22.21 1.03 -8.98	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.88 0.97 -10.61	21.79 0.82 -12.41	21.74 0.82 -12.27	21.88 0.82 -12.41	22.66 0.80 -13.37	27.23 0.68 -19.28	33.28 0.80 -23.90	37.98 0.77 -28.71	31.86 0.84 -21.66	35.83 1.09 -22.50	28.16 0.87 -17.00	26.46 0.78 -16.56	24.60 0.65 -16.18



RAVENSWOOD_GT_5 24254	25.90 0.93 -14.10	22.21 1.03 -8.98	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.88 0.97 -10.61	21.79 0.82 -12.41	21.74 0.82 -12.27	21.88 0.82 -12.41	22.66 0.80 -13.37	27.23 0.68 -19.28	33.28 0.80 -23.90	37.98 0.77 -28.71	31.86 0.84 -21.66	35.83 1.09 -22.50	28.16 0.87 -17.00	26.46 0.78 -16.56	24.60 0.65 -16.18
RAVENSWOOD_GT_6 24253	25.90 0.93 -14.10	22.21 1.03 -8.98	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.88 0.97 -10.61	21.79 0.82 -12.41	21.74 0.82 -12.27	21.88 0.82 -12.41	22.66 0.80 -13.37	27.23 0.68 -19.28	33.28 0.80 -23.90	37.98 0.77 -28.71	31.86 0.84 -21.66	35.83 1.09 -22.50	28.16 0.87 -17.00	26.46 0.78 -16.56	24.60 0.65 -16.18
RAVENSWOOD_GT_7 24255	25.90 0.93 -14.10	22.21 1.03 -8.98	20.27 0.95 -8.09	18.63 0.77 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.88 0.97 -10.61	21.79 0.82 -12.41	21.74 0.82 -12.27	21.88 0.82 -12.41	22.66 0.80 -13.37	27.23 0.68 -19.28	33.28 0.80 -23.90	37.98 0.77 -28.71	31.86 0.84 -21.66	35.83 1.09 -22.50	28.16 0.87 -17.00	26.46 0.78 -16.56	24.60 0.65 -16.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.72 0.82 -12.34	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.53 0.69 -21.57	33.81 0.80 -24.43	37.99 0.78 -28.71	32.58 0.85 -22.37	35.83 1.09 -22.50	28.16 0.87 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
RAVENSWOOD_GT_9 24257	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.08 0.78 -8.94	19.82 0.91 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.72 0.82 -12.34	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.53 0.69 -21.57	33.81 0.80 -24.43	37.99 0.78 -28.71	32.58 0.85 -22.37	35.83 1.09 -22.50	28.16 0.87 -17.00	26.47 0.78 -16.57	24.61 0.66 -16.18
RAVENSWOOD___1 23533	25.97 1.00 -14.11	22.30 1.10 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.14 0.82 -8.95	19.86 0.95 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.32 1.08 -10.06	21.93 1.02 -10.61	22.42 0.86 -13.01	21.77 0.86 -12.26	21.93 0.86 -12.42	22.72 0.85 -13.38	34.02 0.73 -26.02	34.87 0.84 -25.45	38.03 0.82 -28.71	34.01 0.90 -23.75	35.89 1.15 -22.50	28.20 0.91 -17.00	26.52 0.83 -16.57	24.65 0.69 -16.19
RAVENSWOOD___2 23534	25.96 0.99 -14.11	22.29 1.09 -8.99	20.33 1.01 -8.09	18.68 0.81 -8.72	19.13 0.81 -8.95	19.85 0.94 -7.99	21.11 0.88 -10.09	21.34 0.89 -10.44	22.37 1.18 -8.90	21.36 1.18 -7.98	22.31 1.07 -10.06	21.92 1.01 -10.61	22.42 0.86 -13.00	21.77 0.86 -12.26	21.93 0.86 -12.42	22.71 0.84 -13.38	33.99 0.72 -26.01	34.87 0.84 -25.44	38.02 0.82 -28.71	34.00 0.89 -23.75	35.88 1.14 -22.50	28.20 0.91 -17.00	26.51 0.82 -16.57	24.65 0.69 -16.19
RAVENSWOOD___3 23535	25.91 0.94 -14.10	22.23 1.04 -8.99	20.28 0.97 -8.09	18.64 0.78 -8.72	19.09 0.79 -8.94	19.83 0.92 -7.99	21.08 0.85 -10.09	21.32 0.87 -10.44	22.34 1.14 -8.90	21.32 1.15 -7.98	22.28 1.04 -10.06	21.87 0.97 -10.61	21.78 0.82 -12.40	21.74 0.82 -12.26	21.90 0.83 -12.42	22.67 0.81 -13.37	29.93 0.69 -21.98	33.91 0.81 -24.52	37.99 0.78 -28.71	32.71 0.85 -22.50	35.84 1.10 -22.50	28.17 0.88 -17.00	26.47 0.79 -16.57	24.61 0.66 -16.19
RAVENSWOOD___4 23820	25.96 0.99 -14.11	22.29 1.09 -8.99	20.32 1.00 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.85 0.94 -7.99	21.10 0.87 -10.09	21.33 0.88 -10.44	22.36 1.17 -8.90	21.35 1.17 -7.98	22.31 1.07 -10.06	21.92 1.01 -10.61	21.80 0.86 -12.39	21.77 0.86 -12.26	21.93 0.86 -12.42	22.71 0.84 -13.38	33.45 0.72 -25.46	34.73 0.83 -25.32	38.02 0.82 -28.71	33.83 0.89 -23.58	35.88 1.14 -22.50	28.19 0.91 -17.00	26.51 0.82 -16.57	24.65 0.69 -16.19
RCPL_TRUST___DRP 24196	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.08	18.65 0.80 -8.72	19.10 0.80 -8.94	19.85 0.94 -7.99	21.11 0.88 -10.08	21.34 0.90 -10.43	22.36 1.18 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.04	21.89 1.00 -10.59	21.79 0.85 -12.39	21.75 0.85 -12.25	21.91 0.86 -12.40	22.69 0.83 -13.36	29.94 0.71 -21.96	33.92 0.82 -24.51	38.00 0.81 -28.69	32.73 0.88 -22.49	35.86 1.13 -22.49	28.20 0.93 -17.00	26.49 0.82 -16.56	24.62 0.68 -16.18
RED___ROCHESTER 323720	12.51 0.00 -1.65	13.27 -0.02 -1.09	12.16 -0.04 -0.98	10.12 -0.07 -1.05	10.35 -0.09 -1.08	11.84 -0.04 -0.96	11.25 -0.11 -1.22	11.11 -0.16 -1.26	13.15 -0.22 -1.07	12.92 -0.23 -0.96	12.31 -0.07 -1.20	11.52 -0.04 -1.26	10.08 0.04 -1.48	10.13 0.01 -1.47	10.15 0.02 -1.48	10.08 -0.02 -1.60	9.87 0.02 -2.58	11.43 -0.03 -2.88	11.79 -0.09 -3.39	11.96 -0.10 -2.71	14.79 -0.13 -2.68	12.17 -0.16 -2.05	10.93 -0.16 -1.97	9.75 0.02 -1.96
REGAN___SOLAR 323812	32.13 1.16 -20.10	26.76 1.26 -13.29	24.29 1.11 -11.95	22.93 0.90 -12.89	23.52 0.94 -13.22	23.81 1.08 -11.81	26.03 0.97 -14.91	26.30 0.87 -15.41	26.53 1.13 -13.10	24.95 1.09 -11.67	26.77 1.12 -14.47	26.59 0.99 -15.30	27.27 0.77 -17.95	27.31 0.81 -17.85	27.49 0.83 -18.02	28.73 0.84 -19.39	38.74 0.72 -30.76	43.82 0.90 -34.33	49.94 0.94 -40.49	43.48 1.11 -33.00	46.06 1.43 -32.39	36.56 1.13 -25.15	33.93 0.96 -23.86	32.47 0.76 -23.94
RENSSELAER___COGEN 23796	27.93 0.18 -16.88	23.63 0.22 -11.20	21.50 0.20 -10.07	20.16 0.16 -10.86	20.68 0.17 -11.14	21.08 0.21 -9.96	22.89 0.18 -12.57	23.17 0.16 -12.99	23.55 0.22 -11.03	22.20 0.22 -9.78	23.44 0.24 -12.02	23.27 0.23 -12.74	23.70 0.18 -14.96	23.76 0.18 -14.92	23.85 0.16 -15.04	24.84 0.16 -16.18	32.55 0.15 -25.14	36.82 0.18 -28.06	41.91 0.18 -33.24	37.25 0.20 -27.69	39.38 0.24 -26.89	31.67 0.19 -21.20	29.09 0.15 -19.82	28.04 0.10 -20.18
REPUBLIC_115KV_BARTNBRK 55605	29.43 0.91 -17.65	24.90 0.96 -11.72	22.60 0.83 -10.54	21.17 0.66 -11.37	21.76 0.73 -11.66	22.14 0.81 -10.42	24.03 0.75 -13.13	24.23 0.64 -13.57	24.73 0.90 -11.53	23.32 0.88 -10.24	24.76 0.95 -12.63	24.52 0.85 -13.37	24.90 0.65 -15.70	24.93 0.64 -15.64	25.05 0.63 -15.77	26.05 0.59 -16.97	34.33 0.52 -26.55	38.92 0.70 -29.64	44.29 0.74 -35.05	39.21 0.87 -28.98	41.62 1.13 -28.25	33.30 0.86 -22.15	30.63 0.70 -20.81	29.36 0.51 -21.08
REVERE_CPPR_DRP 24186	11.84 0.26 -0.71	12.97 0.29 -0.47	11.90 0.25 -0.42	9.77 0.17 -0.46	10.01 0.18 -0.47	11.54 0.21 -0.42	10.83 0.16 -0.53	10.72 0.16 -0.54	12.97 0.21 -0.46	12.78 0.17 -0.41	11.90 0.20 -0.52	11.00 0.15 -0.55	9.29 0.09 -0.64	9.35 0.07 -0.63	9.36 0.07 -0.64	9.26 0.08 -0.69	8.45 0.07 -1.12	9.93 0.10 -1.25	10.09 0.13 -1.46	10.72 0.19 -1.17	13.73 0.33 -1.16	11.41 0.24 -0.89	10.17 0.20 -0.85	8.73 0.12 -0.85

REYNOLDS_115KV_TB3 80639	27.99 0.25 -16.87	23.75 0.32 -11.22	21.60 0.28 -10.09	20.25 0.23 -10.88	20.77 0.23 -11.17	21.18 0.28 -9.97	22.96 0.26 -12.56	23.22 0.23 -12.98	23.62 0.31 -11.02	22.25 0.30 -9.75	23.41 0.29 -11.94	23.23 0.28 -12.66	23.66 0.23 -14.88	23.73 0.22 -14.86	23.83 0.22 -14.96	24.80 0.21 -16.10	32.22 0.19 -24.76	36.46 0.23 -27.64	41.54 0.23 -32.81	37.23 0.25 -27.61	39.25 0.32 -26.69	31.74 0.28 -21.18	29.00 0.21 -19.67	28.06 0.13 -20.16
RIVERBAY____ 323610	25.96 0.99 -14.11	22.30 1.10 -8.99	20.32 1.00 -8.09	18.68 0.81 -8.72	19.15 0.83 -8.95	19.86 0.95 -7.99	21.10 0.87 -10.09	21.31 0.86 -10.43	22.32 1.14 -8.88	21.31 1.15 -7.97	22.28 1.05 -10.04	21.87 0.98 -10.59	21.77 0.83 -12.39	21.73 0.83 -12.25	21.89 0.85 -12.40	22.67 0.82 -13.36	29.93 0.70 -21.96	33.91 0.82 -24.50	37.99 0.80 -28.70	32.71 0.87 -22.48	35.86 1.13 -22.49	28.21 0.93 -17.00	26.50 0.82 -16.57	24.65 0.69 -16.19
RIVERSDE_115KV_TB3 55908	27.99 0.22 -16.91	23.71 0.27 -11.23	21.57 0.24 -10.10	20.23 0.19 -10.89	20.75 0.21 -11.18	21.14 0.24 -9.98	22.94 0.22 -12.57	23.20 0.19 -12.99	23.59 0.26 -11.03	22.23 0.26 -9.78	23.43 0.26 -11.99	23.26 0.26 -12.71	23.69 0.21 -14.93	23.75 0.20 -14.90	23.85 0.19 -15.01	24.83 0.19 -16.15	32.38 0.16 -24.96	36.65 0.21 -27.86	41.74 0.20 -33.03	37.26 0.22 -27.67	39.33 0.28 -26.81	31.72 0.24 -21.20	29.05 0.18 -19.75	28.06 0.11 -20.18
ROARING____BROOK_WT_PWR 323790	10.60 -0.26 0.00	11.89 -0.32 0.00	10.93 -0.30 0.00	8.92 -0.22 0.00	9.17 -0.20 0.00	10.69 -0.23 0.00	9.96 -0.18 0.00	9.87 -0.15 0.00	12.11 -0.18 0.00	12.00 -0.20 0.00	10.94 -0.25 0.00	10.04 -0.26 0.00	8.31 -0.25 0.00	8.38 -0.27 0.00	8.36 -0.29 0.00	8.20 -0.30 0.00	7.00 -0.27 0.00	8.28 -0.30 0.00	8.23 -0.27 0.00	9.07 -0.29 0.00	11.83 -0.42 0.00	9.92 -0.36 0.00	8.80 -0.32 0.00	7.51 -0.26 0.00
ROCHESRG_115KV_T4 355643	12.40 -0.11 -1.64	13.14 -0.15 -1.08	12.04 -0.16 -0.97	10.03 -0.16 -1.05	10.27 -0.17 -1.07	11.73 -0.14 -0.96	11.18 -0.18 -1.22	11.03 -0.24 -1.25	13.04 -0.32 -1.07	12.83 -0.32 -0.95	12.21 -0.17 -1.19	11.43 -0.12 -1.26	10.00 -0.03 -1.47	10.04 -0.07 -1.46	10.06 -0.06 -1.48	10.00 -0.08 -1.59	9.79 -0.05 -2.57	11.35 -0.11 -2.88	11.70 -0.17 -3.37	11.85 -0.20 -2.69	14.65 -0.26 -2.66	12.07 -0.26 -2.04	10.84 -0.24 -1.96	9.66 -0.05 -1.94
ROCHESTER_9_IC 23652	12.46 -0.05 -1.65	13.22 -0.07 -1.09	12.12 -0.09 -0.98	10.08 -0.11 -1.05	10.32 -0.12 -1.08	11.79 -0.09 -0.96	11.21 -0.15 -1.22	11.07 -0.20 -1.26	13.08 -0.28 -1.07	12.87 -0.28 -0.96	12.25 -0.12 -1.19	11.48 -0.08 -1.26	10.04 0.01 -1.48	10.08 -0.03 -1.46	10.10 -0.03 -1.48	10.04 -0.05 -1.59	9.83 -0.01 -2.58	11.39 -0.08 -2.89	11.76 -0.13 -3.39	11.92 -0.15 -2.71	14.73 -0.20 -2.68	12.13 -0.21 -2.05	10.90 -0.19 -1.97	9.71 -0.01 -1.96
ROCKVIEW_13_KV_LD 356306	25.88 0.91 -14.10	22.20 1.00 -8.99	20.24 0.93 -8.08	18.60 0.74 -8.71	19.06 0.75 -8.94	19.78 0.87 -7.99	21.04 0.82 -10.08	21.27 0.84 -10.42	22.29 1.12 -8.87	21.28 1.12 -7.96	22.23 1.02 -10.03	21.83 0.95 -10.58	21.74 0.81 -12.38	21.69 0.80 -12.24	21.85 0.81 -12.39	22.64 0.79 -13.35	29.90 0.68 -21.96	33.88 0.78 -24.51	37.96 0.76 -28.70	32.68 0.83 -22.49	35.81 1.08 -22.49	28.16 0.88 -17.00	26.46 0.78 -16.56	24.59 0.64 -16.18
ROME____115KV_TB2 80656	11.84 0.26 -0.71	12.97 0.29 -0.47	11.90 0.25 -0.42	9.77 0.17 -0.46	10.01 0.18 -0.47	11.54 0.21 -0.42	10.83 0.16 -0.53	10.72 0.16 -0.54	12.97 0.21 -0.46	12.78 0.17 -0.41	11.90 0.20 -0.52	11.00 0.15 -0.55	9.29 0.09 -0.64	9.35 0.07 -0.63	9.36 0.07 -0.64	9.26 0.08 -0.69	8.45 0.07 -1.12	9.93 0.10 -1.25	10.09 0.13 -1.46	10.72 0.19 -1.17	13.73 0.33 -1.16	11.41 0.24 -0.89	10.17 0.20 -0.85	8.73 0.12 -0.85
ROSETON____1 23587	25.36 0.74 -13.75	21.92 0.82 -8.89	19.99 0.76 -8.00	18.38 0.61 -8.63	18.83 0.62 -8.85	19.54 0.72 -7.91	20.79 0.67 -9.98	21.01 0.68 -10.31	21.98 0.90 -8.79	20.98 0.90 -7.88	21.93 0.82 -9.93	21.53 0.76 -10.47	21.46 0.65 -12.25	21.42 0.65 -12.12	21.57 0.66 -12.27	22.35 0.64 -13.22	29.54 0.55 -21.73	33.47 0.64 -24.26	37.51 0.61 -28.40	32.29 0.66 -22.27	35.37 0.87 -22.26	27.82 0.71 -16.83	26.14 0.63 -16.39	24.32 0.53 -16.02
ROSETON____2 23588	25.36 0.74 -13.75	21.92 0.82 -8.89	19.99 0.76 -8.00	18.38 0.61 -8.63	18.83 0.62 -8.85	19.54 0.72 -7.91	20.79 0.67 -9.98	21.01 0.68 -10.31	21.98 0.90 -8.79	20.98 0.90 -7.88	21.93 0.82 -9.93	21.53 0.76 -10.47	21.46 0.65 -12.25	21.42 0.65 -12.12	21.57 0.66 -12.27	22.35 0.64 -13.22	29.54 0.55 -21.73	33.47 0.64 -24.26	37.51 0.61 -28.40	32.29 0.66 -22.27	35.37 0.87 -22.26	27.82 0.71 -16.83	26.14 0.63 -16.39	24.32 0.53 -16.02
ROTTDAM_115KV_TB3 80664	29.24 0.40 -17.97	24.56 0.45 -11.90	22.34 0.40 -10.70	21.00 0.32 -11.54	21.55 0.34 -11.84	21.89 0.39 -10.58	23.85 0.37 -13.34	24.14 0.34 -13.79	24.47 0.45 -11.72	23.07 0.45 -10.42	24.52 0.45 -12.89	24.35 0.41 -13.64	24.90 0.34 -16.01	24.93 0.35 -15.93	25.07 0.35 -16.08	26.14 0.34 -17.30	34.83 0.29 -27.28	39.39 0.36 -30.45	44.81 0.36 -35.96	39.25 0.40 -29.49	41.61 0.51 -28.85	33.19 0.41 -22.50	30.72 0.35 -21.26	29.46 0.28 -21.41
RUSSELL____1 23602	12.51 0.00 -1.65	13.27 -0.02 -1.09	12.17 -0.03 -0.98	10.13 -0.06 -1.05	10.36 -0.08 -1.08	11.84 -0.04 -0.96	11.25 -0.11 -1.22	11.11 -0.16 -1.26	13.14 -0.22 -1.07	12.93 -0.22 -0.96	12.31 -0.07 -1.19	11.52 -0.04 -1.26	10.08 0.05 -1.48	10.12 0.01 -1.46	10.15 0.02 -1.48	10.07 -0.02 -1.59	9.86 0.02 -2.58	11.44 -0.03 -2.89	11.80 -0.08 -3.39	11.97 -0.09 -2.71	14.79 -0.13 -2.68	12.18 -0.15 -2.05	10.94 -0.15 -1.98	9.75 0.02 -1.96
RUSSELL____2 23532	12.51 0.00 -1.65	13.27 -0.02 -1.09	12.17 -0.03 -0.98	10.13 -0.06 -1.05	10.36 -0.08 -1.08	11.84 -0.04 -0.96	11.25 -0.11 -1.22	11.11 -0.16 -1.26	13.14 -0.22 -1.07	12.93 -0.22 -0.96	12.31 -0.07 -1.19	11.52 -0.04 -1.26	10.08 0.05 -1.48	10.12 0.01 -1.46	10.15 0.02 -1.48	10.07 -0.02 -1.59	9.86 0.02 -2.58	11.44 -0.03 -2.89	11.80 -0.08 -3.39	11.97 -0.09 -2.71	14.79 -0.13 -2.68	12.18 -0.15 -2.05	10.94 -0.15 -1.98	9.75 0.02 -1.96
RUSSELL____3 23549	12.51 0.00 -1.65	13.27 -0.02 -1.09	12.17 -0.03 -0.98	10.13 -0.06 -1.05	10.36 -0.08 -1.08	11.84 -0.04 -0.96	11.25 -0.11 -1.22	11.11 -0.16 -1.26	13.14 -0.22 -1.07	12.93 -0.22 -0.96	12.31 -0.07 -1.19	11.52 -0.04 -1.26	10.08 0.05 -1.48	10.12 0.01 -1.46	10.15 0.02 -1.48	10.07 -0.02 -1.59	9.86 0.02 -2.58	11.44 -0.03 -2.89	11.80 -0.08 -3.39	11.97 -0.09 -2.71	14.79 -0.13 -2.68	12.18 -0.15 -2.05	10.94 -0.15 -1.98	9.75 0.02 -1.96
RUSSELL____4 23556	12.51 0.00 -1.65	13.27 -0.02 -1.09	12.17 -0.03 -0.98	10.13 -0.06 -1.05	10.36 -0.08 -1.08	11.84 -0.04 -0.96	11.25 -0.11 -1.22	11.11 -0.16 -1.26	13.14 -0.22 -1.07	12.93 -0.22 -0.96	12.31 -0.07 -1.19	11.52 -0.04 -1.26	10.08 0.05 -1.48	10.12 0.01 -1.46	10.15 0.02 -1.48	10.07 -0.02 -1.59	9.86 0.02 -2.58	11.44 -0.03 -2.89	11.80 -0.08 -3.39	11.97 -0.09 -2.71	14.79 -0.13 -2.68	12.18 -0.15 -2.05	10.94 -0.15 -1.98	9.75 0.02 -1.96

RUSSELL___STATION 23914	12.51 0.00 -1.65	13.27 -0.02 -1.09	12.17 -0.03 -0.98	10.13 -0.06 -1.05	10.36 -0.08 -1.08	11.84 -0.04 -0.96	11.25 -0.11 -1.22	11.11 -0.16 -1.26	13.14 -0.22 -1.07	12.93 -0.22 -0.96	12.31 -0.07 -1.19	11.52 -0.04 -1.26	10.08 0.05 -1.48	10.12 0.01 -1.46	10.15 0.02 -1.48	10.07 -0.02 -1.59	9.86 0.02 -2.58	11.44 -0.03 -2.89	11.80 -0.08 -3.39	11.97 -0.09 -2.71	14.79 -0.13 -2.68	12.18 -0.15 -2.05	10.94 -0.15 -1.98	9.75 0.02 -1.96
S SALMON___HYD 24043	11.80 -0.13 -1.06	12.76 -0.15 -0.70	11.71 -0.15 -0.63	9.67 -0.15 -0.68	9.91 -0.15 -0.69	11.38 -0.15 -0.62	10.75 -0.17 -0.78	10.65 -0.18 -0.81	12.76 -0.22 -0.69	12.57 -0.24 -0.62	11.76 -0.19 -0.77	10.93 -0.19 -0.81	9.35 -0.15 -0.95	9.43 -0.16 -0.94	9.43 -0.17 -0.95	9.36 -0.16 -1.03	8.79 -0.13 -1.66	10.26 -0.17 -1.85	10.52 -0.15 -2.18	10.95 -0.15 -1.74	13.83 -0.13 -1.72	11.46 -0.14 -1.32	10.28 -0.11 -1.27	8.92 -0.11 -1.26
S.PERRY___115KV_TB1 80734	13.41 0.33 -2.22	14.01 0.34 -1.46	12.85 0.30 -1.31	10.75 0.19 -1.42	11.00 0.18 -1.45	12.50 0.28 -1.30	11.96 0.17 -1.64	11.83 0.11 -1.70	13.83 0.09 -1.45	13.55 0.06 -1.29	12.98 0.18 -1.62	12.22 0.22 -1.71	10.77 0.21 -2.00	10.80 0.17 -1.98	10.82 0.17 -2.00	10.80 0.14 -2.16	10.89 0.15 -3.48	12.64 0.17 -3.89	13.22 0.16 -4.56	13.18 0.18 -3.65	16.13 0.27 -3.61	13.23 0.19 -2.77	11.90 0.13 -2.66	10.65 0.25 -2.63
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.70 -0.23 -2.06	13.31 -0.26 -1.36	12.16 -0.29 -1.22	10.20 -0.26 -1.32	10.43 -0.29 -1.35	11.92 -0.21 -1.21	11.34 -0.33 -1.53	11.18 -0.43 -1.59	13.06 -0.59 -1.36	12.85 -0.56 -1.21	12.33 -0.37 -1.52	11.66 -0.24 -1.60	10.31 -0.12 -1.87	10.30 -0.21 -1.86	10.30 -0.22 -1.88	10.31 -0.20 -2.02	10.31 -0.20 -3.25	11.90 -0.29 -3.61	12.38 -0.36 -4.24	12.36 -0.38 -3.39	15.06 -0.54 -3.36	12.34 -0.51 -2.57	11.17 -0.42 -2.47	10.08 -0.13 -2.45
SAWYER___23_KV_LOAD 55526	12.70 -0.23 -2.06	13.31 -0.26 -1.36	12.16 -0.29 -1.22	10.20 -0.26 -1.32	10.43 -0.29 -1.35	11.92 -0.21 -1.21	11.34 -0.33 -1.53	11.18 -0.43 -1.59	13.06 -0.59 -1.36	12.85 -0.56 -1.21	12.33 -0.37 -1.52	11.66 -0.24 -1.60	10.31 -0.12 -1.87	10.30 -0.21 -1.86	10.30 -0.22 -1.88	10.31 -0.20 -2.02	10.31 -0.20 -3.25	11.90 -0.29 -3.61	12.38 -0.36 -4.24	12.36 -0.38 -3.39	15.06 -0.54 -3.36	12.34 -0.51 -2.57	11.17 -0.42 -2.47	10.08 -0.13 -2.45
SELKIRK___I 23801	27.79 0.28 -16.64	23.52 0.32 -11.00	21.41 0.29 -9.89	20.05 0.24 -10.67	20.56 0.25 -10.94	20.99 0.29 -9.78	22.75 0.26 -12.34	23.00 0.23 -12.75	23.44 0.31 -10.84	22.14 0.31 -9.64	23.43 0.31 -11.93	23.21 0.29 -12.62	23.60 0.24 -14.81	23.62 0.23 -14.74	23.75 0.22 -14.87	24.73 0.23 -16.01	32.71 0.20 -25.25	37.01 0.24 -28.18	42.02 0.24 -33.28	36.92 0.27 -27.28	39.29 0.34 -26.70	31.38 0.29 -20.81	29.03 0.25 -19.67	27.77 0.19 -19.81
SELKIRK___II 23799	27.97 0.25 -16.86	23.64 0.28 -11.15	21.52 0.26 -10.03	20.17 0.21 -10.82	20.68 0.22 -11.10	21.09 0.26 -9.91	22.89 0.23 -12.51	23.17 0.22 -12.93	23.58 0.29 -10.99	22.27 0.31 -9.77	23.54 0.29 -12.07	23.35 0.28 -12.78	23.78 0.23 -14.99	23.80 0.22 -14.93	23.93 0.22 -15.06	24.92 0.22 -16.21	32.93 0.19 -25.48	37.25 0.22 -28.44	42.33 0.22 -33.61	37.25 0.24 -27.65	39.56 0.31 -27.01	31.65 0.26 -21.11	29.24 0.22 -19.90	28.02 0.16 -20.09
SENECA OSWGO___HYD 24041	11.84 -0.22 -1.19	12.74 -0.26 -0.79	11.70 -0.24 -0.71	9.69 -0.21 -0.76	9.92 -0.22 -0.78	11.39 -0.23 -0.70	10.77 -0.25 -0.88	10.67 -0.26 -0.91	12.76 -0.31 -0.78	12.57 -0.32 -0.69	11.83 -0.22 -0.87	11.02 -0.20 -0.92	9.47 -0.15 -1.07	9.56 -0.16 -1.06	9.57 -0.16 -1.08	9.50 -0.15 -1.16	9.01 -0.12 -1.87	10.51 -0.16 -2.09	10.79 -0.16 -2.45	11.12 -0.20 -1.96	13.97 -0.22 -1.94	11.57 -0.21 -1.49	10.36 -0.18 -1.43	9.04 -0.14 -1.42
SENECA___115KV_TB3 355854	12.86 -0.15 -2.15	13.46 -0.16 -1.41	12.30 -0.20 -1.27	10.32 -0.19 -1.37	10.56 -0.22 -1.41	12.05 -0.13 -1.26	11.47 -0.26 -1.60	11.31 -0.36 -1.66	13.21 -0.49 -1.41	12.99 -0.46 -1.26	12.48 -0.28 -1.58	11.81 -0.15 -1.67	10.45 -0.05 -1.95	10.43 -0.16 -1.93	10.43 -0.17 -1.96	10.46 -0.14 -2.11	10.49 -0.15 -3.38	12.11 -0.23 -3.76	12.61 -0.30 -4.41	12.57 -0.32 -3.53	15.30 -0.44 -3.49	12.52 -0.44 -2.68	11.32 -0.36 -2.57	10.22 -0.09 -2.55
SENECA___ENERGY 23797	12.53 -0.06 -1.73	13.26 -0.08 -1.14	12.18 -0.08 -1.03	10.16 -0.09 -1.11	10.40 -0.10 -1.14	11.87 -0.07 -1.01	11.32 -0.10 -1.28	11.22 -0.12 -1.32	13.27 -0.15 -1.13	13.04 -0.16 -1.01	12.40 -0.04 -1.26	11.60 -0.03 -1.33	10.09 -0.02 -1.56	10.18 -0.02 -1.54	10.19 -0.02 -1.56	10.17 -0.01 -1.68	9.98 0.00 -2.72	11.60 -0.02 -3.03	12.03 -0.03 -3.56	12.17 -0.04 -2.85	15.05 -0.01 -2.82	12.39 -0.05 -2.16	11.13 -0.06 -2.08	9.81 -0.01 -2.06
SHOEMAKER___GT 23640	23.58 0.67 -12.04	20.91 0.74 -7.95	19.05 0.67 -7.15	17.39 0.54 -7.71	17.82 0.54 -7.91	18.63 0.64 -7.07	19.66 0.60 -8.92	19.84 0.60 -9.22	20.93 0.78 -7.86	20.02 0.78 -7.04	20.77 0.72 -8.87	20.32 0.66 -9.36	20.06 0.56 -10.95	20.04 0.55 -10.83	20.17 0.56 -10.97	20.86 0.55 -11.81	27.14 0.47 -19.40	30.79 0.55 -21.66	34.39 0.53 -25.37	29.85 0.58 -19.91	32.88 0.75 -19.89	25.96 0.63 -15.05	24.32 0.56 -14.65	22.57 0.47 -14.33
SHOEMAKR_138KV_BK 111 55601	23.46 0.67 -11.92	20.82 0.74 -7.87	18.98 0.67 -7.07	17.31 0.54 -7.63	17.74 0.54 -7.83	18.55 0.64 -6.99	19.56 0.60 -8.82	19.74 0.60 -9.12	20.85 0.79 -7.77	19.95 0.79 -6.96	20.67 0.72 -8.77	20.21 0.66 -9.25	19.94 0.56 -10.83	19.92 0.56 -10.71	20.06 0.57 -10.84	20.74 0.56 -11.68	26.92 0.48 -19.18	30.54 0.55 -21.41	34.11 0.54 -25.07	29.62 0.58 -19.68	32.67 0.76 -19.66	25.81 0.65 -14.88	24.17 0.57 -14.48	22.40 0.47 -14.16
SHOREHAM_IC_1 23715	26.63 1.11 -14.66	27.05 1.26 -13.58	23.66 1.15 -11.29	20.05 0.92 -9.98	19.24 0.93 -8.94	19.94 1.04 -7.99	21.27 1.04 -10.08	21.47 1.03 -10.42	22.71 1.35 -9.06	30.64 1.35 -17.09	26.05 1.16 -13.70	25.71 1.10 -14.30	26.65 0.92 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.64 0.90 -20.25	32.25 0.77 -24.21	41.67 0.92 -32.16	41.31 0.88 -31.93	34.56 0.96 -24.24	35.97 1.22 -22.51	28.33 1.04 -17.01	26.61 0.92 -16.57	25.04 0.80 -16.47
SHOREHAM_IC_2 23716	26.63 1.11 -14.66	27.05 1.26 -13.58	23.66 1.15 -11.29	20.05 0.92 -9.98	19.24 0.93 -8.94	19.94 1.04 -7.99	21.27 1.04 -10.08	21.47 1.03 -10.42	22.71 1.35 -9.06	30.64 1.35 -17.09	26.05 1.16 -13.70	25.71 1.10 -14.30	26.65 0.92 -17.18	27.15 0.91 -17.59	26.43 0.92 -16.86	29.64 0.90 -20.25	32.25 0.77 -24.21	41.67 0.92 -32.16	41.31 0.88 -31.93	34.56 0.96 -24.24	35.97 1.22 -22.51	28.33 1.04 -17.01	26.61 0.92 -16.57	25.04 0.80 -16.47
SISSONVILLE___ 23735	10.33 -0.53 0.00	11.65 -0.56 0.00	10.72 -0.51 0.00	8.75 -0.39 0.00	8.99 -0.37 0.00	10.43 -0.49 0.00	9.75 -0.40 0.00	9.63 -0.39 0.00	11.78 -0.52 0.00	11.63 -0.56 0.00	10.50 -0.68 0.00	9.64 -0.66 0.00	7.96 -0.59 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.93 -0.57 0.00	6.78 -0.49 0.00	8.06 -0.52 0.00	8.04 -0.46 0.00	8.88 -0.48 0.00	11.62 -0.62 0.00	9.79 -0.49 0.00	8.68 -0.44 0.00	7.36 -0.40 0.00

SITHE_IND_GS1 24169	11.58 -0.32 -1.03	12.52 -0.37 -0.67	11.50 -0.34 -0.61	9.50 -0.29 -0.65	9.73 -0.31 -0.67	11.19 -0.33 -0.60	10.56 -0.33 -0.76	10.46 -0.34 -0.78	12.54 -0.42 -0.67	12.38 -0.41 -0.60	11.59 -0.34 -0.74	10.80 -0.29 -0.79	9.24 -0.23 -0.92	9.33 -0.23 -0.91	9.33 -0.24 -0.92	9.25 -0.24 -0.99	8.67 -0.20 -1.61	10.13 -0.25 -1.79	10.35 -0.25 -2.11	10.76 -0.28 -1.68	13.56 -0.36 -1.67	11.24 -0.32 -1.28	10.06 -0.28 -1.23	8.76 -0.22 -1.22
SITHE_IND_GS2 24170	11.58 -0.32 -1.03	12.52 -0.37 -0.67	11.50 -0.34 -0.61	9.50 -0.29 -0.65	9.73 -0.31 -0.67	11.19 -0.33 -0.60	10.56 -0.33 -0.76	10.46 -0.34 -0.78	12.54 -0.42 -0.67	12.38 -0.41 -0.60	11.59 -0.34 -0.74	10.80 -0.29 -0.79	9.24 -0.23 -0.92	9.33 -0.23 -0.91	9.33 -0.24 -0.92	9.25 -0.24 -0.99	8.67 -0.20 -1.61	10.13 -0.25 -1.79	10.35 -0.25 -2.11	10.76 -0.28 -1.68	13.56 -0.36 -1.67	11.24 -0.32 -1.28	10.06 -0.28 -1.23	8.76 -0.22 -1.22
SITHE_IND_GS3 24171	11.58 -0.32 -1.03	12.52 -0.37 -0.67	11.50 -0.34 -0.61	9.50 -0.29 -0.65	9.73 -0.31 -0.67	11.19 -0.33 -0.60	10.56 -0.33 -0.76	10.46 -0.34 -0.78	12.54 -0.42 -0.67	12.38 -0.41 -0.60	11.59 -0.34 -0.74	10.80 -0.29 -0.79	9.24 -0.23 -0.92	9.33 -0.23 -0.91	9.33 -0.24 -0.92	9.25 -0.24 -0.99	8.67 -0.20 -1.61	10.13 -0.25 -1.79	10.35 -0.25 -2.11	10.76 -0.28 -1.68	13.56 -0.36 -1.67	11.24 -0.32 -1.28	10.06 -0.28 -1.23	8.76 -0.22 -1.22
SITHE_IND_GS4 24172	11.58 -0.32 -1.03	12.52 -0.37 -0.67	11.50 -0.34 -0.61	9.50 -0.29 -0.65	9.73 -0.31 -0.67	11.19 -0.33 -0.60	10.56 -0.33 -0.76	10.46 -0.34 -0.78	12.54 -0.42 -0.67	12.38 -0.41 -0.60	11.59 -0.34 -0.74	10.80 -0.29 -0.79	9.24 -0.23 -0.92	9.33 -0.23 -0.91	9.33 -0.24 -0.92	9.25 -0.24 -0.99	8.67 -0.20 -1.61	10.13 -0.25 -1.79	10.35 -0.25 -2.11	10.76 -0.28 -1.68	13.56 -0.36 -1.67	11.24 -0.32 -1.28	10.06 -0.28 -1.23	8.76 -0.22 -1.22
SITHE___BATAVIA 24024	12.70 -0.02 -1.86	13.38 -0.05 -1.22	12.25 -0.08 -1.10	10.22 -0.11 -1.19	10.45 -0.13 -1.22	11.95 -0.05 -1.09	11.33 -0.18 -1.37	11.03 -0.40 -1.42	12.95 -0.55 -1.21	12.74 -0.54 -1.08	12.21 -0.32 -1.35	11.50 -0.23 -1.42	10.12 -0.10 -1.67	10.10 -0.21 -1.65	10.10 -0.22 -1.67	10.09 -0.20 -1.80	10.00 -0.17 -2.90	11.68 -0.15 -3.25	12.11 -0.20 -3.81	12.20 -0.21 -3.05	14.97 -0.29 -3.02	12.29 -0.31 -2.31	11.05 -0.28 -2.22	9.97 0.00 -2.20
SITHE___INDEPEND 23800	11.58 -0.32 -1.03	12.52 -0.37 -0.67	11.50 -0.34 -0.61	9.50 -0.29 -0.65	9.73 -0.31 -0.67	11.19 -0.33 -0.60	10.56 -0.33 -0.76	10.46 -0.34 -0.78	12.54 -0.42 -0.67	12.38 -0.41 -0.59	11.60 -0.32 -0.74	10.80 -0.29 -0.79	9.24 -0.23 -0.92	9.33 -0.23 -0.91	9.33 -0.24 -0.92	9.25 -0.24 -0.99	8.67 -0.20 -1.60	10.13 -0.25 -1.79	10.35 -0.25 -2.11	10.76 -0.28 -1.68	13.56 -0.36 -1.67	11.25 -0.31 -1.28	10.06 -0.28 -1.23	8.76 -0.22 -1.22
SITHE___MASSENA 23902	10.60 -0.26 0.00	11.94 -0.27 0.00	11.01 -0.22 0.00	8.97 -0.17 0.00	9.22 -0.15 0.00	10.70 -0.22 0.00	9.99 -0.15 0.00	9.86 -0.16 0.00	12.06 -0.23 0.00	11.95 -0.24 0.00	10.82 -0.36 0.00	9.96 -0.34 0.00	8.25 -0.30 0.00	8.36 -0.29 0.00	8.36 -0.29 0.00	8.22 -0.27 0.00	7.02 -0.24 0.00	8.33 -0.25 0.00	8.28 -0.22 0.00	9.13 -0.23 0.00	11.91 -0.33 0.00	10.04 -0.25 0.00	8.90 -0.22 0.00	7.57 -0.19 0.00
SITHE___OGDNSBRG 24021	10.60 -0.26 0.00	11.94 -0.27 0.00	10.99 -0.24 0.00	8.96 -0.18 0.00	9.22 -0.15 0.00	10.68 -0.24 0.00	9.98 -0.16 0.00	9.86 -0.16 0.00	12.05 -0.25 0.00	11.92 -0.28 0.00	10.76 -0.42 0.00	9.89 -0.41 0.00	8.17 -0.38 0.00	8.27 -0.38 0.00	8.28 -0.37 0.00	8.14 -0.36 0.00	6.96 -0.31 0.00	8.28 -0.30 0.00	8.25 -0.25 0.00	9.13 -0.23 0.00	11.94 -0.31 0.00	10.05 -0.24 0.00	8.91 -0.21 0.00	7.53 -0.23 0.00
SITHE___STERLING 23777	11.90 0.21 -0.83	12.98 0.23 -0.54	11.91 0.19 -0.49	9.81 0.14 -0.53	10.04 0.13 -0.54	11.56 0.16 -0.48	10.88 0.13 -0.61	10.78 0.13 -0.63	12.99 0.16 -0.54	12.82 0.15 -0.48	11.96 0.18 -0.60	11.08 0.14 -0.63	9.39 0.09 -0.74	9.46 0.08 -0.73	9.47 0.08 -0.74	9.38 0.08 -0.80	8.63 0.07 -1.29	10.12 0.09 -1.44	10.30 0.11 -1.69	10.86 0.15 -1.35	13.86 0.27 -1.34	11.50 0.19 -1.03	10.26 0.15 -0.99	8.85 0.10 -0.98
SLEIGHT__34_KV_TB1 80719	12.67 0.16 -1.64	13.46 0.17 -1.08	12.36 0.16 -0.97	10.28 0.09 -1.05	10.52 0.08 -1.07	12.04 0.16 -0.96	11.46 0.11 -1.21	11.38 0.11 -1.25	13.51 0.15 -1.06	13.28 0.13 -0.95	12.61 0.23 -1.19	11.78 0.23 -1.26	10.22 0.20 -1.47	10.32 0.22 -1.46	10.34 0.22 -1.47	10.29 0.20 -1.59	10.03 0.20 -2.56	11.66 0.21 -2.87	12.06 0.20 -3.37	12.23 0.18 -2.69	15.20 0.29 -2.66	12.54 0.22 -2.04	11.23 0.15 -1.96	9.87 0.16 -1.94
SOUTH CAIRO___GT 23612	27.21 0.45 -15.90	23.21 0.51 -10.48	21.07 0.42 -9.43	19.64 0.33 -10.17	20.14 0.35 -10.43	20.66 0.43 -9.32	22.29 0.39 -11.76	22.52 0.34 -12.16	23.09 0.46 -10.34	21.83 0.44 -9.20	22.99 0.41 -11.39	22.71 0.36 -12.05	23.00 0.31 -14.14	23.02 0.30 -14.06	23.15 0.30 -14.20	24.09 0.31 -15.28	31.72 0.30 -24.16	35.92 0.37 -26.97	40.69 0.36 -31.83	35.80 0.42 -26.02	38.23 0.49 -25.50	30.59 0.47 -19.84	28.26 0.36 -18.79	26.96 0.31 -18.88
SOUTH HAMPTN___IC 23720	26.84 1.31 -14.66	27.27 1.48 -13.58	23.86 1.35 -11.29	20.20 1.08 -9.98	19.40 1.10 -8.94	20.14 1.23 -7.99	21.44 1.22 -10.08	21.65 1.21 -10.42	22.94 1.59 -9.06	30.87 1.58 -17.09	26.27 1.39 -13.70	25.92 1.32 -14.30	26.84 1.10 -17.18	27.34 1.10 -17.59	26.62 1.11 -16.86	29.84 1.10 -20.25	32.41 0.94 -24.21	41.86 1.12 -32.16	41.52 1.09 -31.93	34.78 1.18 -24.24	36.26 1.51 -22.51	28.55 1.25 -17.01	26.80 1.11 -16.57	25.19 0.96 -16.47
SOUTHDOW__115KV_TB1 355954	13.46 0.27 -2.32	14.07 0.33 -1.53	12.82 0.21 -1.38	10.77 0.15 -1.48	11.01 0.12 -1.52	12.56 0.27 -1.37	11.96 0.09 -1.72	11.81 0.00 -1.79	13.81 -0.01 -1.52	13.61 0.05 -1.36	13.04 0.16 -1.70	12.38 0.29 -1.80	10.93 0.27 -2.11	10.87 0.13 -2.09	10.86 0.10 -2.11	10.88 0.11 -2.27	10.97 0.05 -3.65	12.64 0.00 -4.06	13.21 -0.06 -4.77	13.13 -0.05 -3.81	15.95 -0.07 -3.78	13.01 -0.16 -2.89	11.75 -0.15 -2.78	10.59 0.07 -2.75
SOUTHOLD_69_KV_BK 2 55809	27.04 1.52 -14.66	27.49 1.70 -13.58	24.07 1.55 -11.29	20.36 1.23 -9.98	19.56 1.26 -8.94	20.31 1.41 -7.99	21.61 1.39 -10.08	21.81 1.37 -10.42	23.15 1.80 -9.06	31.09 1.80 -17.09	26.48 1.60 -13.70	26.13 1.53 -14.30	27.02 1.29 -17.18	27.52 1.28 -17.59	26.78 1.28 -16.86	30.02 1.28 -20.25	32.57 1.10 -24.21	42.05 1.31 -32.16	41.71 1.29 -31.92	34.99 1.40 -24.23	36.53 1.79 -22.50	28.78 1.49 -17.01	27.02 1.34 -16.56	25.33 1.10 -16.46
SOUTHOLD___IC 23719	27.04 1.52 -14.66	27.49 1.70 -13.58	24.07 1.55 -11.29	20.36 1.23 -9.98	19.56 1.26 -8.94	20.31 1.41 -7.99	21.61 1.39 -10.08	21.82 1.38 -10.42	23.15 1.80 -9.06	31.10 1.82 -17.09	26.48 1.60 -13.70	26.14 1.53 -14.30	27.03 1.29 -17.18	27.52 1.28 -17.59	26.79 1.28 -16.86	30.03 1.28 -20.25	32.57 1.10 -24.21	42.06 1.31 -32.16	41.73 1.30 -31.93	35.00 1.40 -24.24	36.54 1.79 -22.51	28.76 1.47 -17.01	26.99 1.30 -16.57	25.34 1.10 -16.47





UNION___PROCESSING_DRP 323587	12.46 -0.07 -1.66	13.21 -0.09 -1.09	12.11 -0.10 -0.98	10.08 -0.12 -1.06	10.32 -0.13 -1.09	11.79 -0.10 -0.97	11.21 -0.16 -1.23	11.07 -0.21 -1.26	13.07 -0.30 -1.07	12.86 -0.29 -0.96	12.25 -0.13 -1.20	11.46 -0.10 -1.27	10.03 -0.01 -1.48	10.08 -0.04 -1.47	10.10 -0.03 -1.49	10.03 -0.07 -1.60	9.82 -0.03 -2.59	11.39 -0.09 -2.90	11.76 -0.14 -3.40	11.92 -0.16 -2.72	14.72 -0.22 -2.69	12.13 -0.22 -2.06	10.90 -0.20 -1.98	9.72 -0.02 -1.96
UPPER HUDSON___HYD 24058	28.82 0.27 -17.69	24.23 0.28 -11.74	22.01 0.22 -10.56	20.70 0.17 -11.39	21.25 0.20 -11.68	21.57 0.22 -10.44	23.53 0.21 -13.17	23.79 0.16 -13.62	24.12 0.26 -11.57	22.72 0.24 -10.28	24.16 0.30 -12.67	23.98 0.27 -13.42	24.52 0.21 -15.75	24.56 0.22 -15.69	24.69 0.22 -15.82	25.73 0.20 -17.03	34.10 0.17 -26.67	38.61 0.26 -29.77	43.96 0.26 -35.20	38.76 0.32 -29.08	40.99 0.39 -28.35	32.79 0.29 -22.22	30.23 0.22 -20.89	29.04 0.12 -21.15
UPPER RAQUET___HYD 24056	10.33 -0.53 0.00	11.65 -0.56 0.00	10.72 -0.51 0.00	8.75 -0.39 0.00	8.99 -0.37 0.00	10.43 -0.49 0.00	9.75 -0.40 0.00	9.63 -0.39 0.00	11.77 -0.53 0.00	11.63 -0.56 0.00	10.50 -0.68 0.00	9.64 -0.66 0.00	7.96 -0.59 0.00	8.06 -0.59 0.00	8.06 -0.59 0.00	7.93 -0.57 0.00	6.78 -0.49 0.00	8.06 -0.52 0.00	8.04 -0.46 0.00	8.88 -0.48 0.00	11.62 -0.62 0.00	9.80 -0.48 0.00	8.68 -0.44 0.00	7.36 -0.40 0.00
VALLEY44_115KV_TB2 355964	13.06 -0.20 -2.39	13.57 -0.21 -1.57	12.41 -0.24 -1.42	10.45 -0.22 -1.53	10.69 -0.24 -1.57	12.15 -0.17 -1.40	11.63 -0.28 -1.77	11.51 -0.35 -1.84	13.42 -0.44 -1.57	13.18 -0.41 -1.40	12.67 -0.26 -1.75	11.99 -0.15 -1.85	10.63 -0.09 -2.16	10.62 -0.17 -2.15	10.64 -0.17 -2.17	10.67 -0.16 -2.34	10.86 -0.15 -3.75	12.52 -0.23 -4.17	13.12 -0.28 -4.90	12.97 -0.31 -3.92	15.72 -0.40 -3.88	12.85 -0.40 -2.97	11.62 -0.36 -2.86	10.46 -0.14 -2.83
VALLEY___115KV_TB 1-4 80826	10.75 -0.12 0.00	12.07 -0.13 0.00	11.10 -0.13 0.00	9.02 -0.12 0.00	9.24 -0.12 0.00	10.80 -0.12 0.00	10.04 -0.10 0.00	9.93 -0.09 0.00	12.21 -0.09 0.00	12.10 -0.10 0.00	11.08 -0.10 0.00	10.17 -0.13 0.00	8.42 -0.14 0.00	8.49 -0.16 0.00	8.47 -0.18 0.00	8.30 -0.20 0.00	7.09 -0.17 0.00	8.37 -0.21 0.00	8.29 -0.20 0.00	9.16 -0.20 0.00	12.01 -0.23 0.00	10.11 -0.17 0.00	8.98 -0.14 0.00	7.64 -0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.18 0.61 -4.71	15.99 0.68 -3.10	14.62 0.61 -2.79	12.62 0.48 -3.00	12.93 0.48 -3.08	14.23 0.56 -2.75	14.10 0.49 -3.47	14.10 0.49 -3.59	15.99 0.64 -3.06	15.55 0.62 -2.73	15.21 0.62 -3.42	14.45 0.55 -3.61	13.20 0.42 -4.23	13.27 0.43 -4.19	13.32 0.44 -4.24	13.49 0.43 -4.56	14.99 0.36 -7.37	17.23 0.42 -8.22	18.57 0.41 -9.66	17.57 0.49 -7.72	20.62 0.72 -7.65	16.72 0.58 -5.86	15.26 0.51 -5.63	13.72 0.38 -5.58
VISCHER___FERRY HYD 24020	28.36 0.36 -17.13	24.04 0.40 -11.43	21.87 0.37 -10.27	20.51 0.29 -11.08	21.03 0.30 -11.37	21.43 0.36 -10.16	23.31 0.35 -12.82	23.59 0.32 -13.25	23.96 0.42 -11.25	22.56 0.40 -9.97	23.79 0.39 -12.22	23.61 0.36 -12.95	24.07 0.30 -15.21	24.14 0.30 -15.19	24.24 0.29 -15.30	25.25 0.30 -16.46	32.93 0.25 -25.41	37.27 0.32 -28.37	42.46 0.31 -33.65	37.93 0.36 -28.21	40.01 0.45 -27.32	32.27 0.37 -21.62	29.56 0.31 -20.13	28.56 0.22 -20.58
V_A_10_SYNC_DSASP 323832	12.46 -0.23 -1.82	13.15 -0.26 -1.20	12.03 -0.28 -1.08	10.06 -0.25 -1.16	10.29 -0.27 -1.19	11.77 -0.21 -1.06	11.19 -0.29 -1.34	11.02 -0.38 -1.39	12.96 -0.52 -1.18	12.75 -0.50 -1.06	12.19 -0.31 -1.32	11.47 -0.23 -1.39	10.08 -0.11 -1.63	10.10 -0.17 -1.62	10.10 -0.18 -1.64	10.09 -0.17 -1.76	9.95 -0.16 -2.85	11.52 -0.24 -3.18	11.93 -0.31 -3.74	12.02 -0.33 -2.99	14.75 -0.45 -2.96	12.11 -0.44 -2.27	10.92 -0.37 -2.18	9.82 -0.10 -2.16
V_CMM_10_SYNC_DSASP 323787	10.59 -0.27 0.00	11.91 -0.29 0.00	10.98 -0.25 0.00	8.96 -0.18 0.00	9.20 -0.17 0.00	10.68 -0.24 0.00	9.97 -0.17 0.00	9.85 -0.17 0.00	12.04 -0.26 0.00	11.94 -0.26 0.00	10.84 -0.35 0.00	9.98 -0.32 0.00	8.27 -0.28 0.00	8.37 -0.28 0.00	8.37 -0.28 0.00	8.23 -0.26 0.00	7.04 -0.23 0.00	8.34 -0.24 0.00	8.28 -0.22 0.00	9.12 -0.24 0.00	11.90 -0.34 0.00	10.03 -0.26 0.00	8.89 -0.23 0.00	7.57 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.22 0.08 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.31 0.17 0.00	10.30 0.28 0.00	12.55 0.26 0.00	12.31 0.11 0.00	10.89 -0.29 0.00	9.91 -0.39 0.00	8.13 -0.42 0.00	8.20 -0.45 0.00	8.20 -0.45 0.00	8.08 -0.42 0.00	6.90 -0.36 0.00	8.28 -0.30 0.00	8.30 -0.20 0.00	9.23 -0.13 0.00	12.00 -0.24 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.74 -0.03 0.00
V_E_10_SYNC_DSASP 323830	15.33 0.84 -3.63	15.56 0.96 -2.39	14.22 0.84 -2.15	12.11 0.65 -2.31	12.41 0.67 -2.37	13.83 0.80 -2.12	13.50 0.68 -2.68	13.46 0.67 -2.77	15.47 0.82 -2.36	15.02 0.72 -2.11	14.54 0.73 -2.63	13.69 0.61 -2.78	12.21 0.40 -3.26	12.30 0.42 -3.23	12.33 0.42 -3.26	12.46 0.45 -3.52	13.31 0.36 -5.68	15.39 0.47 -6.34	16.45 0.50 -7.45	15.96 0.65 -5.95	19.19 1.05 -5.90	15.61 0.81 -4.52	14.17 0.71 -4.34	12.56 0.49 -4.30
V_F_30_NSYNC___DSASP 323816	28.97 0.50 -17.61	24.46 0.55 -11.70	22.23 0.48 -10.52	20.88 0.39 -11.34	21.42 0.41 -11.64	21.79 0.48 -10.40	23.71 0.45 -13.12	23.98 0.40 -13.56	24.35 0.53 -11.52	22.94 0.51 -10.23	24.32 0.53 -12.61	24.13 0.48 -13.35	24.63 0.40 -15.68	24.67 0.40 -15.62	24.80 0.40 -15.75	25.83 0.39 -16.95	34.08 0.33 -26.49	38.58 0.43 -29.57	43.91 0.43 -34.98	38.80 0.49 -28.96	41.07 0.62 -28.21	32.91 0.49 -22.13	30.32 0.42 -20.78	29.15 0.31 -21.07
V_F_30_SYNC_DSASP 323786	28.15 0.23 -17.06	23.80 0.27 -11.32	21.66 0.25 -10.18	20.32 0.19 -10.98	20.85 0.22 -11.27	21.23 0.25 -10.06	23.07 0.22 -12.70	23.34 0.19 -13.13	23.72 0.27 -11.15	22.36 0.27 -9.89	23.62 0.28 -12.16	23.46 0.28 -12.88	23.90 0.22 -15.13	23.95 0.22 -15.09	24.06 0.21 -15.21	25.06 0.20 -16.36	32.85 0.17 -25.41	37.17 0.22 -28.37	42.32 0.22 -33.60	37.60 0.24 -28.00	39.74 0.31 -27.19	31.96 0.25 -21.43	29.34 0.19 -20.04	28.29 0.12 -20.40
V_XM_10_SYNC_DSASP 323789	10.76 -0.11 0.00	12.17 -0.04 0.00	11.29 0.06 0.00	9.22 0.08 0.00	9.49 0.12 0.00	11.04 0.12 0.00	10.31 0.17 0.00	10.30 0.28 0.00	12.55 0.26 0.00	12.31 0.11 0.00	10.89 -0.29 0.00	9.91 -0.39 0.00	8.13 -0.42 0.00	8.20 -0.45 0.00	8.20 -0.45 0.00	8.08 -0.42 0.00	6.90 -0.36 0.00	8.28 -0.30 0.00	8.30 -0.20 0.00	9.23 -0.13 0.00	12.00 -0.24 0.00	10.13 -0.15 0.00	9.02 -0.09 0.00	7.74 -0.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.63 0.87 -12.90	21.82 1.00 -8.62	19.90 0.92 -7.75	18.23 0.73 -8.36	18.68 0.74 -8.57	19.44 0.86 -7.66	20.62 0.81 -9.66	20.83 0.82 -9.99	21.89 1.08 -8.51	20.91 1.09 -7.63	21.79 1.00 -9.62	21.36 0.92 -10.14	21.20 0.78 -11.87	21.16 0.78 -11.73	21.32 0.80 -11.88	22.08 0.78 -12.80	28.97 0.67 -21.04	32.83 0.76 -23.48	36.74 0.74 -27.50	31.73 0.81 -21.56	34.84 1.04 -21.55	27.46 0.88 -16.30	25.77 0.78 -15.87	23.92 0.64 -15.51

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.93 0.97 -14.10	22.26 1.06 -8.99	20.30 0.99 -8.08	18.65 0.80 -8.72	19.10 0.80 -8.94	19.85 0.94 -7.99	21.11 0.88 -10.08	21.34 0.90 -10.43	22.36 1.18 -8.89	21.35 1.18 -7.97	22.30 1.07 -10.04	21.89 1.00 -10.59	21.79 0.85 -12.39	21.75 0.85 -12.25	21.91 0.86 -12.40	22.69 0.83 -13.36	29.94 0.71 -21.96	33.92 0.82 -24.51	38.00 0.81 -28.69	32.73 0.88 -22.49	35.86 1.13 -22.49	28.20 0.93 -17.00	26.49 0.82 -16.56	24.62 0.68 -16.18
W50THST__13_KV_LOAD 356117	26.00 1.03 -14.10	22.33 1.14 -8.99	20.37 1.06 -8.08	18.71 0.85 -8.72	19.16 0.85 -8.94	19.91 1.00 -7.99	21.17 0.94 -10.08	21.40 0.96 -10.43	22.45 1.27 -8.89	21.44 1.27 -7.97	22.38 1.15 -10.04	21.96 1.07 -10.59	21.85 0.91 -12.39	21.81 0.91 -12.25	21.97 0.92 -12.40	22.75 0.89 -13.36	30.00 0.77 -21.96	33.98 0.89 -24.51	38.06 0.87 -28.69	32.79 0.95 -22.49	35.96 1.22 -22.49	28.27 0.99 -17.00	26.55 0.88 -16.56	24.67 0.72 -16.18
WADING RIVER_IC_1 23522	26.62 1.10 -14.66	27.02 1.23 -13.58	23.65 1.13 -11.29	20.03 0.91 -9.98	19.23 0.92 -8.94	19.93 1.03 -7.99	21.26 1.03 -10.08	21.46 1.02 -10.42	22.70 1.34 -9.06	30.63 1.34 -17.09	26.04 1.15 -13.70	25.69 1.09 -14.30	26.64 0.91 -17.18	27.14 0.90 -17.59	26.43 0.92 -16.86	29.64 0.89 -20.25	32.24 0.76 -24.21	41.66 0.91 -32.16	41.30 0.88 -31.93	34.55 0.96 -24.24	35.96 1.21 -22.51	28.32 1.03 -17.01	26.60 0.91 -16.57	25.03 0.79 -16.47
WADING RIVER_IC_2 23547	26.62 1.10 -14.66	27.02 1.23 -13.58	23.65 1.13 -11.29	20.03 0.91 -9.98	19.23 0.92 -8.94	19.93 1.03 -7.99	21.26 1.03 -10.08	21.46 1.02 -10.42	22.70 1.34 -9.06	30.63 1.34 -17.09	26.04 1.15 -13.70	25.69 1.09 -14.30	26.64 0.91 -17.18	27.14 0.90 -17.59	26.43 0.92 -16.86	29.64 0.89 -20.25	32.24 0.76 -24.21	41.66 0.91 -32.16	41.30 0.88 -31.93	34.55 0.96 -24.24	35.96 1.21 -22.51	28.32 1.03 -17.01	26.60 0.91 -16.57	25.03 0.79 -16.47
WADING RIVER_IC_3 23601	26.62 1.10 -14.66	27.02 1.23 -13.58	23.65 1.13 -11.29	20.03 0.91 -9.98	19.23 0.92 -8.94	19.93 1.03 -7.99	21.26 1.03 -10.08	21.46 1.02 -10.42	22.70 1.34 -9.06	30.63 1.34 -17.09	26.04 1.15 -13.70	25.69 1.09 -14.30	26.64 0.91 -17.18	27.14 0.90 -17.59	26.43 0.92 -16.86	29.64 0.89 -20.25	32.24 0.76 -24.21	41.66 0.91 -32.16	41.30 0.88 -31.93	34.55 0.96 -24.24	35.96 1.21 -22.51	28.32 1.03 -17.01	26.60 0.91 -16.57	25.03 0.79 -16.47
WALDENNY_12_KV_BK2 80841	12.83 -0.16 -2.13	13.44 -0.17 -1.40	12.28 -0.21 -1.26	10.30 -0.20 -1.36	10.53 -0.23 -1.40	12.03 -0.14 -1.25	11.44 -0.28 -1.58	11.28 -0.38 -1.65	13.18 -0.52 -1.40	12.97 -0.48 -1.25	12.46 -0.29 -1.56	11.79 -0.16 -1.65	10.43 -0.06 -1.94	10.40 -0.16 -1.92	10.41 -0.18 -1.94	10.42 -0.16 -2.09	10.46 -0.16 -3.35	12.06 -0.25 -3.73	12.56 -0.31 -4.38	12.52 -0.34 -3.50	15.24 -0.47 -3.46	12.47 -0.46 -2.65	11.28 -0.38 -2.55	10.19 -0.10 -2.53
WALDEN__HYDRO 24148	25.01 0.87 -13.28	21.82 0.96 -8.65	19.89 0.88 -7.78	18.23 0.69 -8.39	18.68 0.70 -8.61	19.43 0.82 -7.69	20.62 0.77 -9.71	20.82 0.77 -10.03	21.85 1.01 -8.55	20.88 1.02 -7.66	21.73 0.91 -9.64	21.31 0.84 -10.17	21.17 0.72 -11.90	21.14 0.72 -11.77	21.30 0.73 -11.92	22.05 0.72 -12.84	28.92 0.62 -21.03	32.78 0.71 -23.48	36.70 0.69 -27.51	31.76 0.76 -21.64	34.83 0.98 -21.60	27.49 0.83 -16.37	25.74 0.72 -15.91	23.98 0.63 -15.58
WARRENSBURG____ 23737	28.82 0.27 -17.69	24.23 0.28 -11.74	22.01 0.22 -10.56	20.70 0.17 -11.39	21.25 0.20 -11.68	21.57 0.22 -10.44	23.53 0.21 -13.17	23.79 0.16 -13.62	24.12 0.26 -11.57	22.72 0.24 -10.28	24.16 0.30 -12.67	23.98 0.27 -13.42	24.52 0.21 -15.75	24.56 0.22 -15.69	24.69 0.22 -15.82	25.73 0.20 -17.03	34.10 0.17 -26.67	38.61 0.26 -29.77	43.96 0.26 -35.20	38.76 0.32 -29.08	40.99 0.39 -28.35	32.79 0.29 -22.22	30.23 0.22 -20.89	29.04 0.12 -21.15
WATERSIDE____6 8 9 23538	25.96 0.99 -14.11	22.29 1.09 -8.99	20.32 1.00 -8.09	18.67 0.80 -8.72	19.13 0.81 -8.95	19.85 0.94 -7.99	21.10 0.87 -10.09	21.33 0.88 -10.43	22.36 1.17 -8.90	21.35 1.17 -7.98	22.31 1.07 -10.05	21.91 1.01 -10.60	21.79 0.86 -12.38	21.77 0.86 -12.26	21.93 0.86 -12.41	22.70 0.84 -13.37	33.44 0.72 -25.46	34.73 0.83 -25.31	38.01 0.82 -28.70	33.82 0.89 -23.57	35.87 1.14 -22.49	28.22 0.94 -17.00	26.51 0.83 -16.57	24.64 0.68 -16.19
WATKINRD_115KV_LN8_ILLION 55919	10.81 -0.05 0.00	12.15 -0.06 0.00	11.16 -0.07 0.00	9.08 -0.06 0.00	9.30 -0.07 0.00	10.85 -0.07 0.00	10.08 -0.06 0.00	9.97 -0.05 0.00	12.25 -0.05 0.00	12.15 -0.05 0.00	11.13 -0.06 0.00	10.23 -0.07 0.00	8.48 -0.07 0.00	8.56 -0.09 0.00	8.55 -0.10 0.00	8.39 -0.10 0.00	7.18 -0.09 0.00	8.48 -0.10 0.00	8.40 -0.10 0.00	9.27 -0.09 0.00	12.15 -0.10 0.00	10.20 -0.08 0.00	9.05 -0.06 0.00	7.70 -0.06 0.00
WATSON____69_KV_BK 1 55734	26.82 1.29 -14.66	27.23 1.44 -13.58	23.84 1.33 -11.29	20.19 1.07 -9.98	19.40 1.09 -8.94	20.14 1.23 -7.99	21.41 1.19 -10.08	21.64 1.20 -10.42	22.90 1.55 -9.06	30.82 1.54 -17.09	26.21 1.33 -13.70	25.86 1.26 -14.30	26.77 1.03 -17.18	27.30 1.05 -17.60	26.56 1.05 -16.86	29.78 1.03 -20.26	32.37 0.89 -24.22	41.80 1.05 -32.17	41.43 1.00 -31.93	34.71 1.10 -24.24	36.16 1.41 -22.51	28.48 1.18 -17.02	26.77 1.09 -16.56	25.16 0.93 -16.46
WDELAWARE__HYD 323627	22.80 0.76 -11.18	20.35 0.84 -7.30	18.56 0.76 -6.56	16.82 0.60 -7.08	17.23 0.60 -7.26	18.10 0.70 -6.49	18.98 0.65 -8.19	19.15 0.67 -8.46	20.39 0.89 -7.21	19.54 0.89 -6.45	20.06 0.78 -8.10	19.58 0.73 -8.55	19.18 0.62 -10.00	19.18 0.62 -9.91	19.31 0.64 -10.02	19.92 0.63 -10.80	25.40 0.55 -17.60	28.83 0.61 -19.64	32.13 0.59 -23.04	28.26 0.66 -18.23	31.26 0.87 -18.15	24.82 0.73 -13.81	23.12 0.64 -13.36	21.47 0.56 -13.14
WEST BABYLON__IC 23714	26.77 1.25 -14.66	27.17 1.38 -13.58	23.79 1.27 -11.29	20.15 1.02 -9.98	19.35 1.04 -8.94	20.08 1.18 -7.99	21.36 1.14 -10.08	21.59 1.15 -10.42	22.84 1.49 -9.06	30.76 1.48 -17.09	26.17 1.29 -13.70	25.80 1.21 -14.30	26.72 0.99 -17.18	27.26 1.01 -17.59	26.53 1.02 -16.86	29.73 0.99 -20.25	32.33 0.86 -24.21	41.76 1.01 -32.16	41.39 0.97 -31.92	34.65 1.06 -24.23	36.11 1.36 -22.50	28.43 1.14 -17.01	26.73 1.05 -16.56	25.12 0.89 -16.46
WEST CANADA__HYD 24049	10.89 0.02 0.00	12.23 0.02 0.00	11.24 0.01 0.00	9.15 0.01 0.00	9.37 0.00 0.00	10.93 0.01 0.00	10.14 0.00 0.00	10.02 0.00 0.00	12.31 0.01 0.00	12.21 0.01 0.00	11.21 0.02 0.00	10.32 0.02 0.00	8.57 0.02 0.00	8.66 0.02 0.00	8.66 0.01 0.00	8.50 0.01 0.00	7.27 0.01 0.00	8.59 0.01 0.00	8.50 0.00 0.00	9.37 0.01 0.00	12.27 0.02 0.00	10.29 0.01 0.00	9.13 0.01 0.00	7.77 0.00 0.00
WESTERN_NY_WIND 24143	12.70 -0.04 -1.88	13.38 -0.06 -1.24	12.24 -0.10 -1.11	10.22 -0.12 -1.20	10.45 -0.14 -1.23	11.95 -0.07 -1.10	11.33 -0.19 -1.39	11.05 -0.40 -1.43	12.96 -0.55 -1.22	12.75 -0.54 -1.09	12.22 -0.32 -1.36	11.51 -0.23 -1.44	10.14 -0.10 -1.68	10.11 -0.21 -1.67	10.12 -0.22 -1.69	10.11 -0.20 -1.82	10.03 -0.17 -2.93	11.70 -0.16 -3.28	12.13 -0.22 -3.85	12.21 -0.22 -3.08	14.99 -0.31 -3.05	12.29 -0.33 -2.34	11.06 -0.30 -2.24	9.98 -0.01 -2.22



WESTOVER___LESR 323668	14.89 0.16 -3.86	14.93 0.18 -2.54	13.67 0.16 -2.28	11.71 0.10 -2.46	11.99 0.09 -2.53	13.33 0.15 -2.26	13.09 0.10 -2.85	13.05 0.08 -2.95	14.90 0.10 -2.51	14.52 0.09 -2.24	14.14 0.16 -2.80	13.43 0.16 -2.96	12.17 0.15 -3.47	12.23 0.14 -3.44	12.26 0.14 -3.48	12.38 0.14 -3.74	13.43 0.12 -6.05	15.46 0.13 -6.75	16.54 0.11 -7.93	15.81 0.11 -6.33	18.70 0.18 -6.27	15.21 0.12 -4.81	13.85 0.11 -4.62	12.47 0.13 -4.58
WETHRSFD_WT_PWR 323626	13.16 -0.08 -2.37	13.68 -0.08 -1.56	12.51 -0.12 -1.40	10.52 -0.13 -1.51	10.77 -0.15 -1.55	12.25 -0.05 -1.39	11.72 -0.17 -1.75	11.56 -0.26 -1.81	13.48 -0.36 -1.54	13.23 -0.34 -1.37	12.72 -0.18 -1.72	12.04 -0.07 -1.82	10.67 -0.01 -2.13	10.68 -0.08 -2.11	10.68 -0.09 -2.13	10.71 -0.08 -2.30	10.88 -0.09 -3.71	12.58 -0.15 -4.14	13.16 -0.20 -4.86	13.03 -0.21 -3.89	15.80 -0.29 -3.85	12.91 -0.32 -2.95	11.69 -0.26 -2.83	10.54 -0.04 -2.81
WHAVSTOR_138KV_BK127 55557	24.59 0.81 -12.91	21.77 0.93 -8.64	19.85 0.85 -7.76	18.20 0.69 -8.37	18.65 0.69 -8.59	19.40 0.81 -7.67	20.58 0.75 -9.68	20.80 0.77 -10.01	21.84 1.02 -8.53	20.87 1.02 -7.65	21.75 0.93 -9.64	21.33 0.87 -10.16	21.18 0.74 -11.89	21.15 0.74 -11.76	21.30 0.74 -11.91	22.05 0.72 -12.83	28.97 0.62 -21.08	32.84 0.72 -23.54	36.75 0.69 -27.56	31.73 0.76 -21.61	34.83 0.98 -21.60	27.43 0.81 -16.33	25.74 0.72 -15.91	23.91 0.60 -15.55
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.59 0.81 -12.91	21.77 0.93 -8.64	19.85 0.85 -7.76	18.20 0.69 -8.37	18.65 0.69 -8.59	19.40 0.81 -7.67	20.58 0.75 -9.68	20.80 0.77 -10.01	21.84 1.02 -8.53	20.87 1.02 -7.65	21.75 0.93 -9.64	21.33 0.87 -10.16	21.18 0.74 -11.89	21.15 0.74 -11.76	21.30 0.74 -11.91	22.05 0.72 -12.83	28.97 0.62 -21.08	32.84 0.72 -23.54	36.75 0.69 -27.56	31.73 0.76 -21.61	34.83 0.98 -21.60	27.43 0.81 -16.33	25.74 0.72 -15.91	23.91 0.60 -15.55
WHITEHAL_115KV_TB1 80871	29.10 0.58 -17.65	24.54 0.61 -11.72	22.29 0.52 -10.54	20.91 0.40 -11.37	21.48 0.45 -11.66	21.84 0.50 -10.42	23.74 0.47 -13.13	23.97 0.38 -13.57	24.38 0.55 -11.53	22.97 0.54 -10.24	24.40 0.59 -12.63	24.20 0.54 -13.37	24.68 0.43 -15.70	24.70 0.42 -15.64	24.82 0.41 -15.77	25.85 0.38 -16.97	34.15 0.34 -26.55	38.69 0.47 -29.64	44.04 0.49 -35.05	38.93 0.59 -28.98	41.24 0.75 -28.25	33.00 0.57 -22.15	30.38 0.45 -20.81	29.16 0.31 -21.08
WHITEPLN_13_KV_LOAD 356215	25.88 0.93 -14.09	22.19 1.01 -8.97	20.23 0.93 -8.06	18.59 0.75 -8.70	19.05 0.76 -8.92	19.76 0.87 -7.97	21.03 0.83 -10.06	21.25 0.84 -10.40	22.26 1.11 -8.86	21.26 1.12 -7.94	22.20 1.01 -10.01	21.80 0.94 -10.56	21.71 0.80 -12.35	21.67 0.80 -12.22	21.83 0.81 -12.37	22.61 0.79 -13.33	29.85 0.68 -21.91	33.82 0.78 -24.46	37.90 0.76 -28.64	32.63 0.82 -22.44	35.76 1.08 -22.44	28.14 0.89 -16.96	26.44 0.80 -16.53	24.57 0.65 -16.15
WM_FLOYD_69_KV_BK2 356380	26.73 1.21 -14.66	27.14 1.36 -13.58	23.76 1.25 -11.29	20.12 1.00 -9.98	19.32 1.01 -8.94	20.05 1.15 -7.99	21.35 1.13 -10.08	21.56 1.12 -10.42	22.82 1.46 -9.06	30.73 1.45 -17.09	26.13 1.25 -13.70	25.78 1.18 -14.30	26.71 0.98 -17.18	27.22 0.98 -17.59	26.49 0.99 -16.86	29.70 0.96 -20.25	32.29 0.82 -24.21	41.72 0.98 -32.16	41.36 0.94 -31.92	34.62 1.03 -24.23	36.07 1.32 -22.50	28.41 1.12 -17.01	26.71 1.03 -16.56	25.10 0.87 -16.46
WOODARD__115KV_TB2 355635	12.03 -0.12 -1.28	12.90 -0.15 -0.84	11.85 -0.13 -0.76	9.82 -0.14 -0.82	10.06 -0.15 -0.84	11.52 -0.14 -0.75	10.93 -0.16 -0.95	10.82 -0.17 -0.98	12.92 -0.21 -0.83	12.73 -0.21 -0.74	11.99 -0.12 -0.93	11.19 -0.09 -0.98	9.63 -0.07 -1.15	9.72 -0.07 -1.14	9.73 -0.07 -1.15	9.67 -0.07 -1.24	9.22 -0.05 -2.01	10.75 -0.08 -2.24	11.05 -0.08 -2.63	11.35 -0.11 -2.10	14.22 -0.11 -2.08	11.77 -0.11 -1.60	10.54 -0.11 -1.53	9.21 -0.08 -1.52
YORK___WARBASSE 23770	26.03 1.05 -14.11	22.35 1.15 -8.99	20.38 1.07 -8.09	18.72 0.86 -8.72	19.18 0.86 -8.95	19.89 0.98 -7.99	21.14 0.91 -10.09	21.36 0.91 -10.43	22.40 1.20 -8.90	21.38 1.21 -7.98	22.34 1.11 -10.05	21.95 1.04 -10.61	26.19 0.88 -16.75	21.80 0.88 -12.27	21.96 0.90 -12.41	22.75 0.88 -13.37	34.03 0.76 -26.01	34.90 0.88 -25.44	38.06 0.87 -28.70	34.04 0.94 -23.74	35.95 1.21 -22.49	28.28 1.00 -17.00	26.57 0.88 -16.57	24.68 0.73 -16.19