

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/24/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	25.97	26.05	28.08	25.42	25.32	26.87	27.91	26.55	23.66	23.09	22.19	22.51	26.24	24.07	31.05	32.32	45.79	103.02	46.13	39.07	33.07	33.98	33.14	39.54
24138	0.12	-0.01	-0.17	-0.01	0.43	0.71	1.31	1.19	1.06	1.08	1.00	1.11	0.93	0.40	0.26	0.68	2.26	4.35	2.22	1.51	1.69	1.65	1.52	0.88
	-23.53	-26.37	-31.92	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.83	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
74TH STREET_GT_1	25.97	26.05	28.09	25.42	25.30	26.82	27.83	26.48	23.60	23.02	22.14	22.47	26.21	24.07	31.05	32.31	45.76	102.99	46.10	39.05	33.06	33.97	33.14	39.53
24260	0.11	-0.02	-0.16	-0.01	0.40	0.66	1.22	1.11	1.00	1.01	0.96	1.07	0.91	0.39	0.26	0.67	2.23	4.32	2.19	1.50	1.68	1.64	1.51	0.87
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
74TH STREET_GT_2	25.97	26.05	28.09	25.42	25.30	26.82	27.83	26.48	23.60	23.02	22.14	22.47	26.21	24.07	31.05	32.31	45.76	102.99	46.10	39.05	33.06	33.97	33.14	39.53
24261	0.11	-0.02	-0.16	-0.01	0.40	0.66	1.22	1.11	1.00	1.01	0.96	1.07	0.91	0.39	0.26	0.67	2.23	4.32	2.19	1.50	1.68	1.64	1.51	0.87
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
ADK HUDSON___FALLS	31.69	32.40	35.69	31.62	29.25	30.00	28.61	27.32	24.22	23.64	23.03	22.87	28.37	28.08	37.39	37.02	46.56	107.80	47.74	42.00	33.41	34.62	33.95	44.92
24011	0.16	-0.02	-0.26	-0.03	0.65	1.01	1.94	1.87	1.62	1.50	1.14	1.39	1.17	0.45	0.31	0.82	2.97	5.69	2.54	1.70	1.98	2.10	2.13	1.43
	-29.21	-32.73	-39.62	-31.97	-19.01	-14.59	-0.33	-0.44	0.00	-0.71	-3.62	-0.36	-9.72	-20.36	-32.38	-23.48	-0.28	-17.67	-6.66	-14.11	-0.28	-0.97	-1.00	-24.87
ADK RESOURCE___RCVRY	31.73	32.42	35.68	31.63	29.35	30.17	28.90	27.58	24.46	23.87	23.19	23.07	28.54	28.16	37.46	37.15	47.01	108.66	48.09	42.20	33.66	34.93	34.23	45.10
23798	0.19	-0.02	-0.29	-0.03	0.75	1.17	2.23	2.13	1.86	1.72	1.30	1.59	1.34	0.52	0.36	0.94	3.43	6.54	2.89	1.90	2.23	2.41	2.42	1.61
	-29.22	-32.75	-39.64	-31.99	-19.02	-14.59	-0.33	-0.44	0.00	-0.71	-3.62	-0.36	-9.73	-20.37	-32.40	-23.49	-0.28	-17.68	-6.66	-14.12	-0.28	-0.97	-1.00	-24.88
ADK S GLENS___FALLS	31.69	32.40	35.69	31.62	29.25	30.00	28.61	27.32	24.22	23.64	23.03	22.87	28.37	28.08	37.39	37.02	46.56	107.80	47.74	42.00	33.41	34.62	33.95	44.92
24028	0.16	-0.02	-0.26	-0.03	0.65	1.01	1.94	1.87	1.62	1.50	1.14	1.39	1.17	0.45	0.31	0.82	2.97	5.69	2.54	1.70	1.98	2.10	2.13	1.43
	-29.21	-32.73	-39.62	-31.97	-19.01	-14.59	-0.33	-0.44	0.00	-0.71	-3.62	-0.36	-9.72	-20.36	-32.38	-23.48	-0.28	-17.67	-6.66	-14.11	-0.28	-0.97	-1.00	-24.87
ADK_NYS___DAM	30.66	31.34	34.50	30.59	28.37	29.12	27.71	26.45	23.48	22.92	22.40	22.19	27.52	27.24	36.24	36.09	45.69	105.45	46.83	41.09	33.05	34.22	33.47	43.69
23527	0.08	-0.01	-0.16	-0.02	0.39	0.60	1.05	1.02	0.88	0.80	0.63	0.73	0.64	0.28	0.21	0.64	2.11	3.92	1.85	1.25	1.63	1.74	1.69	1.01
	-28.26	-31.67	-38.34	-30.93	-18.39	-14.11	-0.32	-0.42	0.00	-0.69	-3.50	-0.35	-9.41	-19.70	-31.33	-22.72	-0.27	-17.10	-6.44	-13.65	-0.27	-0.94	-0.97	-24.06
AIR_PRODUCTS___DRP	30.74	31.48	34.76	30.74	28.25	28.88	27.21	25.93	22.94	22.48	22.09	21.79	27.19	27.17	36.21	35.73	44.14	102.49	45.50	40.27	31.88	32.91	32.30	42.99
24190	0.05	-0.01	-0.06	0.00	0.20	0.30	0.55	0.50	0.34	0.35	0.30	0.32	0.28	0.12	0.05	0.19	0.55	0.88	0.49	0.37	0.46	0.42	0.51	0.20
	-28.38	-31.80	-38.50	-31.06	-18.47	-14.17	-0.32	-0.42	0.00	-0.69	-3.52	-0.36	-9.45	-19.79	-31.46	-22.81	-0.28	-17.17	-6.47	-13.71	-0.27	-0.95	-0.97	-24.16
AKWESSNE_115KV_BK	3.15	0.79	-2.12	0.73	9.56	13.71	24.02	23.15	21.11	19.78	17.16	19.88	16.69	7.46	5.42	12.50	40.10	76.64	35.86	24.84	29.80	30.78	30.25	19.21
355683	-0.14	0.02	0.24	0.00	-0.65	-1.17	-2.34	-1.87	-1.49	-1.67	-1.23	-1.25	-1.10	-0.48	-0.35	-1.00	-3.21	-8.38	-2.90	-1.81	-1.36	-0.80	-0.60	-0.24
	-0.97	-1.08	-1.31	-1.06	-0.63	-0.48	-0.01	-0.01	0.00	-0.02	-0.12	-0.01	-0.32	-0.68	-1.07	-0.78	-0.01	-0.58	-0.22	-0.47	-0.01	-0.03	-0.03	-0.82
ALBANY___1	30.74	31.48	34.76	30.74	28.25	28.88	27.21	25.93	22.94	22.48	22.09	21.79	27.19	27.17	36.21	35.73	44.14	102.49	45.50	40.27	31.88	32.91	32.30	42.99
23571	0.05	-0.01	-0.06	0.00	0.20	0.30	0.55	0.50	0.34	0.35	0.30	0.32	0.28	0.12	0.05	0.19	0.55	0.88	0.49	0.37	0.46	0.42	0.51	0.20
	-28.38	-31.80	-38.50	-31.06	-18.47	-14.17	-0.32	-0.42	0.00	-0.69	-3.52	-0.36	-9.45	-19.79	-31.46	-22.81	-0.28	-17.17	-6.47	-13.71	-0.27	-0.95	-0.97	-24.16
ALBANY___2	30.74	31.48	34.76	30.74	28.25	28.88	27.21	25.93	22.94	22.48	22.09	21.79	27.19	27.17	36.21	35.73	44.14	102.49	45.50	40.27	31.88	32.91	32.30	42.99
23572	0.05	-0.01	-0.06	0.00	0.20	0.30	0.55	0.50	0.34	0.35	0.30	0.32	0.28	0.12	0.05	0.19	0.55	0.88	0.49	0.37	0.46	0.42	0.51	0.20
	-28.38	-31.80	-38.50	-31.06	-18.47	-14.17	-0.32	-0.42	0.00	-0.69	-3.52	-0.36	-9.45	-19.79	-31.46	-22.81	-0.28	-17.17	-6.47	-13.71	-0.27	-0.95	-0.97	-24.16
ALBANY___3	30.74	31.48	34.76	30.74	28.25	28.88	27.21	25.93	22.94	22.48	22.09	21.79	27.19	27.17	36.21	35.73	44.14	102.49	45.50	40.27	31.88	32.91	32.30	42.99
23573	0.05	-0.01	-0.06	0.00	0.20	0.30	0.55	0.50	0.34	0.35	0.30	0.32	0.28	0.12	0.05	0.19	0.55	0.88	0.49	0.37	0.46	0.42	0.51	0.20
	-28.38	-31.80	-38.50	-31.06	-18.47	-14.17	-0.32	-0.42	0.00	-0.69	-3.52	-0.36	-9.45	-19.79	-31.46	-22.81	-0.28	-17.17	-6.47	-13.71	-0.27	-0.95	-0.97	-24.16

ALBANY___4 23574	30.74 0.05 -28.38	31.48 -0.01 -31.80	34.76 -0.06 -38.50	30.74 0.00 -31.06	28.25 0.20 -18.47	28.88 0.30 -14.17	27.21 0.55 -0.32	25.93 0.50 -0.42	22.94 0.34 0.00	22.48 0.35 -0.69	22.09 0.30 -3.52	21.79 0.32 -0.36	27.19 0.28 -9.45	27.17 0.12 -19.79	36.21 0.05 -31.46	35.73 0.19 -22.81	44.14 0.55 -0.28	102.49 0.88 -17.17	45.50 0.49 -6.47	40.27 0.37 -13.71	31.88 0.46 -0.27	32.91 0.42 -0.95	32.30 0.51 -0.97	42.99 0.20 -24.16
ALBANY___LFGE 323615	30.99 0.06 -28.61	31.75 -0.01 -32.06	35.05 -0.09 -38.82	30.99 0.00 -31.32	28.47 0.27 -18.62	29.11 0.41 -14.29	27.42 0.75 -0.32	26.13 0.69 -0.43	23.13 0.53 0.00	22.67 0.55 -0.70	22.29 0.47 -3.55	21.98 0.52 -0.36	27.44 0.44 -9.53	27.40 0.19 -19.95	36.53 0.11 -31.72	36.06 0.33 -23.00	44.63 1.05 -0.28	103.63 1.88 -17.31	45.99 0.93 -6.52	40.67 0.66 -13.83	32.22 0.80 -0.27	33.26 0.76 -0.95	32.61 0.82 -0.98	43.39 0.40 -24.36
ALCOA_PA_115KV_PL-6C 55860	3.22 -0.12 -1.02	0.84 0.01 -1.14	-2.09 0.21 -1.38	0.78 0.00 -1.12	9.69 -0.55 -0.66	13.89 -1.03 -0.51	24.29 -2.07 -0.01	23.41 -1.62 -0.02	21.34 -1.26 0.00	19.99 -1.46 -0.03	17.33 -1.07 -0.13	20.07 -1.06 -0.01	16.86 -0.95 -0.34	7.55 -0.43 -0.71	5.52 -0.31 -1.13	12.67 -0.88 -0.82	40.53 -2.78 -0.01	77.23 -7.82 -0.62	36.10 -2.67 -0.23	25.08 -1.60 -0.49	30.08 -1.08 -0.01	31.05 -0.53 -0.03	30.53 -0.32 -0.04	19.43 -0.06 -0.87
ALCOA_RYNLDS___DRP 24188	3.22 -0.12 -1.02	0.84 0.01 -1.14	-2.09 0.21 -1.38	0.78 0.00 -1.12	9.69 -0.55 -0.66	13.89 -1.03 -0.51	24.29 -2.07 -0.01	23.41 -1.62 -0.02	21.34 -1.26 0.00	19.99 -1.46 -0.03	17.33 -1.07 -0.13	20.07 -1.06 -0.01	16.86 -0.95 -0.34	7.55 -0.43 -0.71	5.52 -0.31 -1.13	12.67 -0.88 -0.82	40.53 -2.78 -0.01	77.23 -7.82 -0.62	36.10 -2.67 -0.23	25.08 -1.60 -0.49	30.08 -1.08 -0.01	31.05 -0.53 -0.03	30.53 -0.32 -0.04	19.43 -0.06 -0.87
ALCOA___DSASP 323711	3.22 -0.12 -1.02	0.84 0.01 -1.14	-2.09 0.21 -1.38	0.78 0.00 -1.12	9.69 -0.55 -0.66	13.89 -1.03 -0.51	24.28 -2.08 -0.01	23.41 -1.62 -0.02	21.34 -1.26 0.00	19.99 -1.46 -0.03	17.33 -1.07 -0.13	20.07 -1.06 -0.01	16.86 -0.95 -0.34	7.55 -0.43 -0.71	5.52 -0.31 -1.13	12.67 -0.88 -0.82	40.54 -2.78 -0.01	77.23 -7.82 -0.62	36.10 -2.67 -0.23	25.08 -1.60 -0.49	30.08 -1.09 -0.01	31.06 -0.52 -0.03	30.53 -0.32 -0.04	19.43 -0.06 -0.87
ALLEGHENY___COGEN 23514	9.06 0.11 -6.63	7.10 -0.01 -7.43	5.13 -0.19 -9.00	6.92 -0.01 -7.26	14.33 0.44 -4.32	18.33 0.61 -3.31	27.68 1.26 -0.07	26.26 1.15 -0.10	23.63 1.03 0.00	22.29 0.70 -0.16	19.48 0.39 -0.82	21.70 0.51 -0.08	20.09 0.41 -2.21	12.13 0.24 -4.62	12.21 0.16 -7.35	18.45 0.39 -5.33	45.22 1.85 -0.06	92.78 4.33 -4.01	41.58 1.53 -1.51	30.35 0.96 -3.20	32.21 0.99 -0.06	32.64 0.88 -0.22	31.86 0.82 -0.23	24.75 0.49 -5.65
ALTAMONT_115KV_TB 2 55880	30.76 0.06 -28.39	31.49 -0.01 -31.81	34.74 -0.09 -38.51	30.74 -0.01 -31.07	28.30 0.24 -18.48	28.96 0.37 -14.18	27.34 0.67 -0.32	26.06 0.63 -0.42	23.12 0.52 0.00	22.63 0.51 -0.69	22.24 0.44 -3.52	21.96 0.49 -0.36	27.35 0.43 -9.45	27.24 0.18 -19.79	36.29 0.12 -31.47	35.88 0.34 -22.82	44.68 1.10 -0.28	103.66 2.05 -17.17	46.03 1.02 -6.47	40.60 0.71 -13.72	32.26 0.84 -0.27	33.33 0.84 -0.95	32.62 0.83 -0.97	43.25 0.46 -24.17
ALTONA_WT_PWR 323606	3.14 -0.14 -0.96	0.78 0.02 -1.08	-2.08 0.29 -1.30	0.72 0.00 -1.05	9.47 -0.73 -0.63	13.52 -1.36 -0.48	23.66 -2.69 -0.01	22.98 -2.04 -0.01	21.23 -1.36 0.00	20.00 -1.46 -0.02	17.19 -1.20 -0.12	19.91 -1.21 -0.01	16.62 -1.17 -0.32	7.42 -0.52 -0.67	5.38 -0.39 -1.07	12.49 -1.01 -0.77	40.70 -2.62 -0.01	78.21 -6.81 -0.58	36.49 -2.27 -0.22	25.27 -1.37 -0.46	30.29 -0.87 -0.01	30.91 -0.66 -0.03	30.07 -0.77 -0.03	19.25 -0.19 -0.82
AMERICAN_REF_FUEL 24010	8.46 0.00 -6.14	6.57 0.00 -6.88	4.63 -0.03 -8.34	6.42 0.02 -6.73	13.48 -0.10 -4.00	17.24 -0.24 -3.07	25.80 -0.61 -0.07	24.46 -0.64 -0.09	22.14 -0.45 0.00	21.06 -0.52 -0.15	18.41 -0.62 -0.76	20.52 -0.67 -0.08	18.94 -0.58 -2.05	11.33 -0.22 -4.28	11.38 -0.13 -6.81	17.12 -0.55 -4.94	41.51 -1.86 -0.06	84.69 -3.47 -3.72	37.67 -2.27 -1.40	27.55 -1.60 -2.97	29.49 -1.73 -0.06	30.06 -1.69 -0.20	29.54 -1.48 -0.21	22.89 -0.97 -5.23
ARKWRIGHT___SUMMIT_WT_PWR 323751	8.95 0.06 -6.57	7.04 -0.01 -7.36	5.11 -0.12 -8.91	6.87 0.00 -7.19	14.07 0.22 -4.27	17.93 0.25 -3.28	26.93 0.52 -0.07	25.47 0.36 -0.10	23.00 0.41 0.00	21.86 0.27 -0.16	19.08 -0.01 -0.81	21.17 -0.02 -0.08	19.62 -0.03 -2.19	11.92 0.08 -4.58	12.04 0.06 -7.28	17.99 -0.01 -5.28	43.44 0.07 -0.06	89.36 0.95 -3.97	39.78 -0.26 -1.50	29.01 -0.35 -3.17	30.81 -0.40 -0.06	31.40 -0.36 -0.22	30.71 -0.33 -0.23	24.03 -0.18 -5.59
ARTHUR_KILL_GT_1 23520	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.31 0.41 -15.32	26.83 0.67 -11.75	27.85 1.25 -0.26	26.49 1.13 -0.35	23.60 1.00 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.40 0.99 -0.30	26.15 0.85 -7.84	24.04 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.60 2.07 -0.23	102.66 3.99 -14.24	46.03 2.12 -5.36	39.01 1.46 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.50 -0.81	39.51 0.85 -20.04
ARTHUR_KILL_2 23512	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.15 -31.93	25.42 -0.01 -25.76	25.28 0.38 -15.32	26.79 0.63 -11.75	27.77 1.16 -0.26	26.41 1.05 -0.35	23.53 0.93 0.00	22.93 0.92 -0.57	22.07 0.88 -2.92	22.34 0.93 -0.30	26.11 0.80 -7.84	24.02 0.34 -16.41	31.02 0.23 -26.09	32.23 0.58 -18.92	45.45 1.92 -0.23	102.38 3.70 -14.24	45.89 1.98 -5.36	38.92 1.36 -11.37	32.91 1.53 -0.22	33.82 1.49 -0.78	33.02 1.40 -0.81	39.45 0.79 -20.04
ARTHUR_KILL_3 23513	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.11 -31.92	25.42 -0.01 -25.76	25.19 0.29 -15.32	26.65 0.49 -11.75	27.50 0.89 -0.26	26.16 0.79 -0.35	23.30 0.70 0.00	22.74 0.73 -0.57	21.89 0.70 -2.92	22.18 0.78 -0.30	25.97 0.67 -7.84	23.96 0.30 -16.41	30.98 0.19 -26.09	32.13 0.48 -18.92	45.10 1.57 -0.23	101.69 3.02 -14.24	45.56 1.65 -5.36	38.69 1.14 -11.37	32.63 1.26 -0.22	33.54 1.21 -0.78	32.72 1.10 -0.81	39.29 0.63 -20.04
ARTHUR_KILL_COGEN 323718	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.31 0.41 -15.32	26.83 0.67 -11.75	27.85 1.25 -0.26	26.49 1.13 -0.35	23.60 1.00 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.40 0.99 -0.30	26.15 0.85 -7.84	24.04 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.60 2.07 -0.23	102.66 3.99 -14.24	46.03 2.12 -5.36	39.01 1.46 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.50 -0.81	39.51 0.85 -20.04
ASHOKAN____ 23654	28.39 0.13 -25.95	28.75 -0.02 -29.08	31.33 -0.19 -35.20	28.06 -0.01 -28.41	27.01 0.54 -16.89	28.20 0.83 -12.96	28.20 1.56 -0.29	26.94 1.55 -0.39	23.89 1.29 0.00	23.24 1.18 -0.63	22.40 0.91 -3.22	22.46 1.03 -0.32	26.90 0.79 -8.64	25.72 0.37 -18.09	33.72 0.25 -28.77	34.44 0.86 -20.86	46.77 3.21 -0.25	106.54 6.41 -15.70	47.41 2.95 -5.91	40.72 2.00 -12.54	33.74 2.34 -0.24	34.69 2.28 -0.87	33.90 2.20 -0.89	41.92 1.21 -22.10

ASTORIA_EAST_ENERGY_CC1 323581	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.92	25.42 -0.01 -25.76	25.20 0.31 -15.31	26.67 0.52 -11.75	27.58 0.97 -0.26	26.25 0.88 -0.35	23.39 0.79 0.00	22.79 0.78 -0.57	21.96 0.77 -2.92	22.23 0.82 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.21 0.57 -18.92	45.38 1.84 -0.23	102.00 3.34 -14.23	45.62 1.72 -5.36	38.72 1.17 -11.37	32.66 1.29 -0.22	33.63 1.31 -0.78	32.86 1.24 -0.81	39.27 0.61 -20.04
ASTORIA_EAST_ENERGY_CC2 323582	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.92	25.42 -0.01 -25.76	25.20 0.31 -15.31	26.67 0.52 -11.75	27.58 0.97 -0.26	26.25 0.88 -0.35	23.39 0.79 0.00	22.79 0.78 -0.57	21.96 0.77 -2.92	22.23 0.82 -0.30	26.08 0.77 -7.84	24.01 0.33 -16.41	31.01 0.22 -26.09	32.21 0.57 -18.92	45.38 1.84 -0.23	102.00 3.34 -14.23	45.62 1.72 -5.36	38.72 1.17 -11.37	32.66 1.29 -0.22	33.63 1.31 -0.78	32.86 1.24 -0.81	39.27 0.61 -20.04
ASTORIA_GT2_1 24094	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT2_2 24095	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT2_3 24096	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT2_4 24097	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT3_1 24098	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT3_2 24099	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT3_3 24100	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT3_4 24101	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT4_1 24102	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT4_2 24103	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT4_3 24104	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT4_4 24105	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.93	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.80 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.21 0.57 -18.92	45.41 1.87 -0.23	102.04 3.37 -14.24	45.64 1.74 -5.36	38.73 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.62 -20.04
ASTORIA_GT_1 23523	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.22 0.33 -15.31	26.70 0.55 -11.75	27.63 1.02 -0.26	26.30 0.94 -0.35	23.44 0.85 0.00	22.85 0.85 -0.57	22.00 0.82 -2.92	22.28 0.88 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.03 0.23 -26.09	32.25 0.60 -18.92	45.50 1.97 -0.23	102.24 3.58 -14.23	45.72 1.81 -5.36	38.80 1.24 -11.37	32.75 1.37 -0.22	33.72 1.39 -0.78	32.94 1.32 -0.81	39.32 0.66 -20.04

ASTORIA_GT_10 24110	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.89 0.89 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.70 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
ASTORIA_GT_11 24225	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.89 0.89 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.70 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
ASTORIA_GT_12 24226	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.89 0.89 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.70 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
ASTORIA_GT_13 24227	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.89 0.89 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.70 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
ASTORIA_GT_5 24106	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.22 0.33 -15.31	26.70 0.55 -11.75	27.63 1.02 -0.26	26.30 0.94 -0.35	23.44 0.85 0.00	22.85 0.85 -0.57	22.00 0.82 -2.92	22.28 0.88 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.03 0.23 -26.09	32.25 0.60 -18.92	45.50 1.97 -0.23	102.24 3.58 -14.23	45.72 1.81 -5.36	38.80 1.24 -11.37	32.75 1.37 -0.22	33.72 1.39 -0.78	32.94 1.32 -0.81	39.32 0.66 -20.04
ASTORIA_GT_7 24107	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.22 0.33 -15.31	26.70 0.55 -11.75	27.63 1.02 -0.26	26.30 0.94 -0.35	23.44 0.85 0.00	22.85 0.85 -0.57	22.00 0.82 -2.92	22.28 0.88 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.03 0.23 -26.09	32.25 0.60 -18.92	45.50 1.97 -0.23	102.24 3.58 -14.23	45.72 1.81 -5.36	38.80 1.24 -11.37	32.75 1.37 -0.22	33.72 1.39 -0.78	32.94 1.32 -0.81	39.32 0.66 -20.04
ASTORIA_GT_8 24108	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.12 -0.13 -31.93	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.63 1.02 -0.26	26.30 0.94 -0.35	23.44 0.85 0.00	22.84 0.84 -0.57	22.00 0.82 -2.92	22.28 0.87 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.02 0.23 -26.09	32.24 0.60 -18.92	45.50 1.97 -0.23	102.25 3.58 -14.24	45.72 1.81 -5.36	38.80 1.24 -11.37	32.75 1.37 -0.22	33.72 1.39 -0.78	32.94 1.32 -0.81	39.32 0.66 -20.04
ASTORIA___2 24149	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.92	25.42 -0.01 -25.76	25.21 0.31 -15.31	26.68 0.52 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.81 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.22 0.57 -18.92	45.41 1.88 -0.23	102.04 3.38 -14.23	45.64 1.74 -5.36	38.74 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.63 -20.04
ASTORIA___3 23516	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.71 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
ASTORIA___4 23517	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.89 0.89 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.70 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
ASTORIA___5 23518	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.71 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
AST_ENERGY_2_CC3 323677	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.71 0.55 -11.75	27.61 1.00 -0.26	26.26 0.89 -0.35	23.40 0.80 0.00	22.83 0.82 -0.57	21.98 0.79 -2.92	22.27 0.87 -0.30	26.05 0.74 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.18 0.54 -18.92	45.30 1.77 -0.23	102.07 3.40 -14.24	45.72 1.81 -5.36	38.80 1.25 -11.37	32.78 1.40 -0.22	33.68 1.35 -0.78	32.87 1.24 -0.81	39.37 0.71 -20.04
AST_ENERGY_2_CC4 323678	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.71 0.55 -11.75	27.61 1.00 -0.26	26.26 0.89 -0.35	23.40 0.80 0.00	22.83 0.82 -0.57	21.98 0.79 -2.92	22.27 0.87 -0.30	26.05 0.74 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.18 0.54 -18.92	45.30 1.77 -0.23	102.07 3.40 -14.24	45.72 1.81 -5.36	38.80 1.25 -11.37	32.78 1.40 -0.22	33.68 1.35 -0.78	32.87 1.24 -0.81	39.37 0.71 -20.04
ATHENS_STG_1 23668	28.37 0.06 -25.99	28.81 -0.01 -29.13	31.50 -0.09 -35.27	28.12 -0.01 -28.46	26.73 0.23 -16.92	27.74 0.35 -12.98	27.28 0.64 -0.29	25.99 0.59 -0.39	23.10 0.50 0.00	22.56 0.50 -0.63	21.96 0.47 -3.22	21.95 0.51 -0.33	26.58 0.45 -8.65	25.58 0.19 -18.12	33.65 0.13 -28.82	33.97 0.35 -20.90	44.69 1.13 -0.25	102.32 2.16 -15.73	45.57 1.10 -5.92	39.52 0.78 -12.56	32.30 0.90 -0.24	33.30 0.89 -0.87	32.56 0.85 -0.89	41.24 0.48 -22.13
ATHENS_STG_2 23670	28.37 0.06 -25.99	28.81 -0.01 -29.13	31.50 -0.09 -35.27	28.12 -0.01 -28.46	26.73 0.23 -16.92	27.74 0.35 -12.98	27.28 0.64 -0.29	25.99 0.59 -0.39	23.10 0.50 0.00	22.56 0.50 -0.63	21.96 0.47 -3.22	21.95 0.51 -0.33	26.58 0.45 -8.65	25.58 0.19 -18.12	33.65 0.13 -28.82	33.97 0.35 -20.90	44.69 1.13 -0.25	102.32 2.16 -15.73	45.57 1.10 -5.92	39.52 0.78 -12.56	32.30 0.90 -0.24	33.30 0.89 -0.87	32.56 0.85 -0.89	41.24 0.48 -22.13

ATHENS_STG_3 23677	28.37 0.06 -25.99	28.81 -0.01 -29.13	31.50 -0.09 -35.27	28.12 -0.01 -28.46	26.73 0.23 -16.92	27.74 0.35 -12.98	27.28 0.64 -0.29	25.99 0.59 -0.39	23.10 0.50 0.00	22.56 0.50 -0.63	21.96 0.47 -3.22	21.95 0.51 -0.33	26.58 0.45 -8.65	25.58 0.19 -18.12	33.65 0.13 -28.82	33.97 0.35 -20.90	44.69 1.13 -0.25	102.32 2.16 -15.73	45.57 1.10 -5.92	39.52 0.78 -12.56	32.30 0.90 -0.24	33.30 0.89 -0.87	32.56 0.85 -0.89	41.24 0.48 -22.13
AUBURN____LFGE 323710	7.79 0.03 -5.45	5.79 0.00 -6.10	3.66 -0.04 -7.39	5.63 0.00 -5.96	13.23 0.10 -3.54	17.28 0.15 -2.72	26.73 0.33 -0.06	25.38 0.29 -0.08	22.87 0.27 0.00	21.82 0.26 -0.13	19.13 0.18 -0.67	21.42 0.24 -0.07	19.48 0.20 -1.81	11.15 0.10 -3.80	10.80 0.06 -6.04	17.24 0.14 -4.38	43.91 0.55 -0.05	89.12 1.39 -3.29	40.24 0.46 -1.24	29.08 0.27 -2.63	31.46 0.25 -0.05	31.91 0.19 -0.18	31.15 0.14 -0.19	23.34 0.09 -4.64
BABYLON_RES_REC 323704	26.03 0.17 -23.54	26.05 -0.02 -26.38	28.02 -0.23 -31.93	25.42 -0.02 -25.77	25.47 0.57 -15.32	27.09 0.93 -11.76	28.35 1.74 -0.26	26.88 1.52 -0.35	23.95 1.35 0.00	23.24 1.23 -0.57	22.75 1.32 -3.15	22.83 1.43 -0.30	26.52 1.21 -7.84	27.88 0.57 -20.04	32.72 0.37 -27.64	33.62 0.96 -19.94	46.74 3.21 -0.24	116.72 5.96 -26.32	46.98 3.06 -5.38	39.66 2.10 -11.38	33.72 2.34 -0.22	34.75 2.42 -0.79	33.90 2.28 -0.82	49.27 1.39 -29.26
BABYLON__69_KV_BK2 356345	26.06 0.20 -23.54	26.04 -0.02 -26.38	27.98 -0.27 -31.93	25.42 -0.02 -25.77	25.58 0.68 -15.32	27.25 1.09 -11.76	28.66 2.05 -0.26	27.16 1.79 -0.35	24.21 1.61 0.00	23.47 1.46 -0.57	22.98 1.55 -3.15	23.10 1.70 -0.30	26.71 1.40 -7.84	27.94 0.65 -20.02	32.74 0.42 -27.62	33.75 1.11 -19.92	47.32 3.78 -0.24	117.57 7.05 -26.08	47.51 3.59 -5.38	40.02 2.46 -11.38	34.13 2.75 -0.22	35.18 2.85 -0.79	34.29 2.66 -0.82	49.62 1.63 -29.37
BALL_HILL_WT_PWR 323825	8.86 0.05 -6.49	6.96 -0.01 -7.28	5.03 -0.10 -8.81	6.79 0.00 -7.11	13.95 0.14 -4.23	17.78 0.13 -3.24	26.64 0.22 -0.07	25.18 0.07 -0.10	22.73 0.13 0.00	21.66 0.07 -0.16	18.93 -0.15 -0.81	21.07 -0.12 -0.08	19.53 -0.10 -2.16	11.80 0.00 -4.53	11.91 0.01 -7.20	17.78 -0.16 -5.22	42.85 -0.52 -0.06	88.01 -0.35 -3.93	39.19 -0.83 -1.48	28.63 -0.69 -3.14	30.43 -0.79 -0.06	31.00 -0.76 -0.22	30.35 -0.69 -0.22	23.74 -0.41 -5.53
BARON_WINDS____WT_PWR 323822	10.11 0.00 -7.79	8.43 0.00 -8.74	6.88 -0.02 -10.58	8.21 0.00 -8.53	14.66 0.01 -5.07	18.23 -0.07 -3.89	26.50 0.07 -0.09	25.05 -0.08 -0.12	22.52 -0.08 0.00	21.45 -0.17 -0.19	18.92 -0.31 -0.97	20.82 -0.38 -0.10	19.88 -0.18 -2.60	12.69 -0.01 -5.44	13.34 0.00 -8.64	18.89 -0.10 -6.27	43.07 -0.31 -0.08	89.18 0.02 -4.72	39.90 -0.41 -1.78	29.49 -0.46 -3.77	30.43 -0.80 -0.07	30.89 -0.91 -0.26	30.15 -0.93 -0.27	24.84 -0.42 -6.64
BARRETT_IC_1 23704	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_10 23701	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_11 23702	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_12 23703	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_2 23705	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_3 23706	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_4 23707	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_5 23708	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_6 23709	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06

BARRETT_IC_7 23710	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.01 -25.77	25.36 0.46 -15.32	26.93 0.77 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.55 1.16 -6.12	33.01 1.28 -10.62	49.06 1.06 -30.52	50.01 0.48 -42.26	50.02 0.31 -45.01	42.34 0.78 -28.83	46.09 2.56 -0.23	114.45 4.31 -25.71	46.31 2.39 -5.38	39.25 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.83 1.16 -39.06
BARRETT_IC_8 23711	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT_IC_9 23700	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT___1 23545	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BARRETT___2 23546	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.43 -0.02 -25.77	25.37 0.46 -15.32	26.93 0.76 -11.76	28.01 1.40 -0.26	26.55 1.19 -0.35	23.66 1.06 0.00	23.04 1.04 -0.57	25.50 1.11 -6.12	32.95 1.22 -10.62	49.05 1.06 -30.52	50.01 0.48 -42.26	50.01 0.31 -45.01	42.35 0.79 -28.83	46.09 2.55 -0.23	114.47 4.33 -25.71	46.32 2.40 -5.38	39.26 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.48 1.86 -0.81	58.81 1.13 -39.06
BATAVIA___115KV_TB1 55881	8.28 0.08 -5.88	6.26 -0.01 -6.59	4.14 -0.15 -7.97	6.10 0.00 -6.43	13.67 0.27 -3.82	17.68 0.34 -2.94	26.95 0.54 -0.07	25.58 0.48 -0.09	23.17 0.57 0.00	22.07 0.49 -0.14	19.28 0.28 -0.73	21.54 0.36 -0.07	19.66 0.23 -1.96	11.44 0.08 -4.10	11.30 0.09 -6.52	17.56 0.11 -4.73	43.85 0.49 -0.06	89.25 1.25 -3.55	39.82 -0.06 -1.34	28.92 -0.11 -2.84	31.17 -0.05 -0.05	31.69 -0.05 -0.20	31.04 0.02 -0.20	23.56 -0.07 -5.00
BAYONEEC___CTG1 323682	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG10 323750	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG2 323683	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG3 323684	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG4 323685	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG5 323686	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG6 323687	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG7 323688	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BAYONEEC___CTG8 323689	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04

BAYONEEC___CTG9 323749	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.62 1.02 -0.26	26.28 0.91 -0.35	23.41 0.81 0.00	22.84 0.83 -0.57	21.98 0.79 -2.92	22.28 0.88 -0.30	26.06 0.75 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.55 -18.92	45.34 1.80 -0.23	102.13 3.46 -14.24	45.76 1.85 -5.36	38.82 1.27 -11.37	32.79 1.41 -0.22	33.70 1.37 -0.78	32.88 1.26 -0.81	39.38 0.72 -20.04
BEACON___LESR 323632	30.75 0.08 -28.35	31.44 -0.01 -31.77	34.67 -0.11 -38.46	30.70 0.00 -31.03	28.38 0.34 -18.45	29.08 0.52 -14.16	27.63 0.97 -0.32	26.33 0.90 -0.42	23.26 0.66 0.00	22.81 0.69 -0.69	22.36 0.57 -3.51	22.08 0.62 -0.35	27.47 0.56 -9.44	27.28 0.25 -19.76	36.28 0.15 -31.43	36.01 0.49 -22.79	45.16 1.58 -0.28	104.49 2.90 -17.15	46.43 1.43 -6.46	40.87 1.00 -13.70	32.59 1.17 -0.27	33.61 1.13 -0.94	32.95 1.17 -0.97	43.38 0.62 -24.14
BEAVER RIVER___HYD 24048	4.37 -0.12 -2.17	2.14 0.01 -2.44	-0.51 0.22 -2.95	2.07 0.02 -2.38	10.70 -0.29 -1.42	15.18 -0.31 -1.09	25.75 -0.62 -0.03	24.59 -0.45 -0.03	22.34 -0.26 0.00	21.06 -0.43 -0.05	18.06 -0.48 -0.27	20.56 -0.58 -0.03	17.43 -0.76 -0.72	8.32 -0.46 -1.52	6.78 -0.33 -2.41	14.03 -0.44 -1.75	42.43 -0.89 -0.02	83.75 -2.00 -1.32	37.71 -1.32 -0.49	26.65 -0.58 -1.05	30.13 -1.05 -0.02	30.79 -0.83 -0.07	30.32 -0.57 -0.07	20.32 -0.15 -1.85
BEEBEE_GT_13 23619	7.82 0.05 -5.45	5.79 -0.01 -6.11	3.63 -0.09 -7.39	5.63 -0.01 -5.97	13.27 0.15 -3.55	17.30 0.17 -2.72	26.66 0.25 -0.06	25.29 0.20 -0.08	22.86 0.26 0.00	21.79 0.23 -0.13	19.05 0.10 -0.67	21.33 0.15 -0.07	19.41 0.12 -1.81	11.12 0.05 -3.80	10.79 0.05 -6.04	17.16 0.05 -4.38	43.53 0.18 -0.05	88.32 0.58 -3.30	39.59 -0.20 -1.24	28.62 -0.20 -2.63	31.03 -0.17 -0.05	31.55 -0.17 -0.18	30.85 -0.15 -0.19	23.14 -0.12 -4.64
BENSHRST_27_KV_BENSHRST_1 355998	25.98 0.12 -23.53	26.05 -0.01 -26.37	28.08 -0.17 -31.93	25.42 -0.02 -25.76	25.33 0.43 -15.32	26.86 0.71 -11.75	27.92 1.31 -0.26	26.57 1.20 -0.35	23.68 1.08 0.00	23.09 1.09 -0.57	22.22 1.03 -2.92	22.54 1.14 -0.30	26.27 0.97 -7.84	24.09 0.41 -16.41	31.06 0.27 -26.09	32.35 0.71 -18.92	45.91 2.37 -0.23	103.28 4.61 -14.24	46.27 2.36 -5.36	39.17 1.62 -11.37	33.19 1.82 -0.22	34.11 1.78 -0.78	33.27 1.65 -0.81	39.60 0.94 -20.04
BETHLEHEM___GRP 23843	30.74 0.05 -28.38	31.48 -0.01 -31.80	34.76 -0.06 -38.50	30.74 0.00 -31.06	28.25 0.20 -18.47	28.88 0.30 -14.17	27.21 0.55 -0.32	25.93 0.50 -0.42	22.94 0.34 0.00	22.48 0.35 -0.69	22.09 0.30 -3.52	21.79 0.32 -0.36	27.19 0.28 -9.45	27.17 0.12 -19.79	36.21 0.05 -31.46	35.73 0.19 -22.81	44.14 0.55 -0.28	102.49 0.88 -17.17	45.50 0.49 -6.47	40.27 0.37 -13.71	31.88 0.46 -0.27	32.91 0.42 -0.95	32.30 0.51 -0.97	42.99 0.20 -24.16
BETHLEHEM___GS1 323560	30.74 0.05 -28.38	31.48 -0.01 -31.80	34.76 -0.06 -38.50	30.74 0.00 -31.06	28.25 0.20 -18.47	28.89 0.31 -14.17	27.21 0.55 -0.32	25.93 0.50 -0.42	22.94 0.34 0.00	22.48 0.36 -0.69	22.09 0.30 -3.52	21.78 0.32 -0.36	27.20 0.28 -9.45	27.17 0.12 -19.79	36.22 0.05 -31.46	35.73 0.19 -22.81	44.13 0.55 -0.28	102.49 0.88 -17.17	45.50 0.49 -6.47	40.27 0.37 -13.71	31.89 0.46 -0.27	32.90 0.41 -0.95	32.29 0.51 -0.97	42.99 0.21 -24.16
BETHLEHEM___GS2 323561	30.74 0.05 -28.38	31.48 -0.01 -31.80	34.76 -0.06 -38.50	30.74 0.00 -31.06	28.25 0.20 -18.47	28.89 0.31 -14.17	27.21 0.55 -0.32	25.93 0.50 -0.42	22.94 0.34 0.00	22.48 0.36 -0.69	22.09 0.30 -3.52	21.78 0.32 -0.36	27.20 0.28 -9.45	27.17 0.12 -19.79	36.22 0.05 -31.46	35.73 0.19 -22.81	44.13 0.55 -0.28	102.49 0.88 -17.17	45.50 0.49 -6.47	40.27 0.37 -13.71	31.89 0.46 -0.27	32.90 0.41 -0.95	32.29 0.51 -0.97	42.99 0.21 -24.16
BETHLEHEM___GS3 323562	30.74 0.05 -28.38	31.48 -0.01 -31.80	34.76 -0.06 -38.50	30.74 0.00 -31.06	28.25 0.20 -18.47	28.89 0.31 -14.17	27.21 0.55 -0.32	25.93 0.50 -0.42	22.94 0.34 0.00	22.48 0.36 -0.69	22.09 0.30 -3.52	21.78 0.32 -0.36	27.20 0.28 -9.45	27.17 0.12 -19.79	36.22 0.05 -31.46	35.73 0.19 -22.81	44.13 0.55 -0.28	102.49 0.88 -17.17	45.50 0.49 -6.47	40.27 0.37 -13.71	31.89 0.46 -0.27	32.90 0.41 -0.95	32.29 0.51 -0.97	42.99 0.21 -24.16
BETHLEHEM___STEEL 23779	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.14 -4.16	17.71 0.11 -3.19	26.56 0.14 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.93 -0.13 -0.79	21.09 -0.10 -0.08	19.52 -0.07 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.67 -0.18 -5.13	42.77 -0.59 -0.06	87.53 -0.77 -3.86	38.93 -1.06 -1.46	28.45 -0.81 -3.09	30.33 -0.89 -0.06	30.91 -0.85 -0.21	30.29 -0.74 -0.22	23.58 -0.47 -5.44
BETHLHEM_115KV_TB1 79974	30.73 0.05 -28.36	31.47 -0.01 -31.78	34.73 -0.07 -38.48	30.72 0.00 -31.05	28.24 0.20 -18.46	28.89 0.31 -14.17	27.23 0.57 -0.32	25.95 0.51 -0.42	22.97 0.37 0.00	22.50 0.38 -0.69	22.11 0.33 -3.51	21.82 0.35 -0.35	27.22 0.30 -9.44	27.17 0.13 -19.77	36.21 0.06 -31.45	35.74 0.21 -22.80	44.24 0.66 -0.28	102.72 1.12 -17.16	45.61 0.60 -6.47	40.32 0.44 -13.71	31.96 0.54 -0.27	32.99 0.50 -0.95	32.36 0.57 -0.97	43.03 0.25 -24.15
BETHPAGE_CC_5 323564	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.54 -15.32	27.03 0.87 -11.76	28.23 1.62 -0.26	26.77 1.41 -0.35	23.86 1.26 0.00	23.18 1.18 -0.57	22.79 1.27 -3.26	23.15 1.39 -0.65	27.26 1.18 -8.61	28.71 0.55 -20.90	33.37 0.35 -28.32	33.92 0.90 -20.31	46.47 2.93 -0.24	116.82 5.36 -27.02	46.71 2.79 -5.38	39.49 1.92 -11.38	33.52 2.14 -0.22	34.55 2.22 -0.79	33.76 2.13 -0.82	49.35 1.29 -29.43
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	8.80 0.05 -6.42	6.88 -0.01 -7.20	4.93 -0.11 -8.71	6.70 0.00 -7.03	13.91 0.15 -4.18	17.75 0.14 -3.21	26.64 0.22 -0.07	25.22 0.11 -0.10	22.79 0.20 0.00	21.71 0.12 -0.16	18.99 -0.08 -0.80	21.16 -0.03 -0.08	19.59 -0.02 -2.14	11.76 0.02 -4.48	11.83 0.01 -7.12	17.73 -0.15 -5.16	42.88 -0.48 -0.06	87.79 -0.53 -3.88	39.05 -0.95 -1.46	28.54 -0.75 -3.10	30.39 -0.82 -0.06	30.98 -0.78 -0.21	30.36 -0.68 -0.22	23.65 -0.44 -5.47
BINGHAMTON___COGEN 23790	12.50 0.02 -10.15	11.06 0.00 -11.38	10.05 -0.04 -13.77	10.79 0.00 -11.11	16.28 0.09 -6.61	19.60 0.12 -5.07	26.73 0.27 -0.11	25.37 0.20 -0.15	22.77 0.17 0.00	21.87 0.19 -0.25	19.62 0.08 -1.26	21.35 0.11 -0.13	20.98 0.13 -3.38	14.42 0.08 -7.08	16.01 0.05 -11.26	20.98 0.10 -8.16	43.75 0.35 -0.10	91.82 1.24 -6.14	41.21 0.35 -2.31	31.27 0.18 -4.91	31.38 0.13 -0.10	31.95 0.07 -0.34	31.19 0.03 -0.35	27.32 0.05 -8.64
BIXINCNT_115KV_LOAD 355685	8.97 0.06 -6.60	7.07 -0.01 -7.39	5.15 -0.12 -8.95	6.90 0.00 -7.22	14.09 0.22 -4.29	18.02 0.32 -3.29	27.08 0.66 -0.07	25.50 0.39 -0.10	22.99 0.39 0.00	21.95 0.36 -0.16	19.23 0.14 -0.82	21.43 0.23 -0.08	19.90 0.23 -2.20	12.00 0.14 -4.60	12.09 0.08 -7.32	18.02 -0.01 -5.30	43.44 0.07 -0.06	89.19 0.76 -3.99	39.70 -0.34 -1.50	28.93 -0.44 -3.19	30.54 -0.67 -0.06	31.17 -0.60 -0.22	30.70 -0.34 -0.23	24.00 -0.24 -5.62

BLACK RIVER___HYD 24047	5.07 -0.12 -2.87	2.92 0.02 -3.21	0.41 0.20 -3.89	2.83 0.02 -3.14	11.25 -0.19 -1.86	15.72 -0.12 -1.43	26.13 -0.24 -0.03	24.93 -0.13 -0.04	22.58 -0.02 0.00	21.29 -0.21 -0.07	18.26 -0.36 -0.35	20.61 -0.54 -0.04	17.66 -0.76 -0.95	8.78 -0.48 -2.00	7.53 -0.34 -3.18	14.66 -0.37 -2.30	42.84 -0.49 -0.03	85.44 -0.74 -1.73	38.36 -0.84 -0.65	27.23 -0.34 -1.39	30.30 -0.88 -0.03	30.87 -0.77 -0.09	30.37 -0.55 -0.10	20.94 -0.12 -2.44
BLACKRVR_115KV_TB2 79977	5.07 -0.12 -2.87	2.92 0.02 -3.21	0.41 0.20 -3.89	2.83 0.02 -3.14	11.26 -0.19 -1.86	15.72 -0.12 -1.43	26.13 -0.25 -0.03	24.92 -0.13 -0.04	22.58 -0.02 0.00	21.29 -0.21 -0.07	18.26 -0.37 -0.35	20.61 -0.54 -0.04	17.66 -0.76 -0.95	8.78 -0.48 -2.00	7.53 -0.34 -3.18	14.66 -0.37 -2.30	42.84 -0.49 -0.03	85.44 -0.74 -1.73	38.36 -0.84 -0.65	27.23 -0.34 -1.39	30.30 -0.88 -0.03	30.87 -0.77 -0.09	30.37 -0.55 -0.10	20.94 -0.12 -2.44
BLISS_WT_PWR 323608	8.97 0.06 -6.60	7.07 0.00 -7.39	5.16 -0.11 -8.95	6.90 0.00 -7.22	14.07 0.20 -4.29	18.03 0.33 -3.29	27.10 0.68 -0.07	25.49 0.38 -0.10	22.97 0.38 0.00	21.93 0.34 -0.16	19.22 0.13 -0.82	21.43 0.23 -0.08	19.89 0.22 -2.20	12.01 0.14 -4.60	12.09 0.08 -7.32	18.01 -0.02 -5.30	43.45 0.08 -0.06	89.24 0.81 -3.99	39.71 -0.34 -1.50	28.90 -0.47 -3.19	30.46 -0.75 -0.06	31.08 -0.68 -0.22	30.67 -0.37 -0.23	23.98 -0.26 -5.62
BLUESTONE___WT_PWR 323821	12.92 0.04 -10.56	11.51 -0.01 -11.83	10.57 -0.08 -14.33	11.21 -0.02 -11.56	16.55 0.09 -6.87	19.70 0.02 -5.27	27.00 0.54 -0.12	25.97 0.80 -0.16	23.38 0.78 0.00	22.27 0.59 -0.26	19.95 0.37 -1.31	21.50 0.25 -0.13	21.01 0.02 -3.52	14.63 0.00 -7.36	16.41 0.01 -11.71	21.50 0.29 -8.49	44.92 1.51 -0.10	95.65 4.82 -6.39	42.60 1.65 -2.41	32.16 0.88 -5.10	31.97 0.71 -0.10	32.35 0.46 -0.35	31.85 0.67 -0.36	28.20 0.59 -8.99
BLUE_CIRC_CHEM_DRP 24182	30.65 0.05 -28.27	31.36 -0.01 -31.68	34.59 -0.08 -38.36	30.62 0.00 -30.95	28.21 0.23 -18.40	28.88 0.35 -14.12	27.29 0.63 -0.32	26.01 0.57 -0.42	23.05 0.46 0.00	22.58 0.46 -0.69	22.18 0.40 -3.50	21.91 0.44 -0.35	27.27 0.38 -9.41	27.14 0.17 -19.71	36.15 0.10 -31.35	35.75 0.30 -22.73	44.55 0.97 -0.27	103.31 1.76 -17.11	45.87 0.88 -6.44	40.47 0.62 -13.66	32.17 0.75 -0.27	33.22 0.74 -0.94	32.54 0.75 -0.97	43.10 0.41 -24.07
BOC_GAS_DRP 24189	30.65 0.05 -28.28	31.38 -0.01 -31.69	34.61 -0.08 -38.37	30.63 0.00 -30.96	28.20 0.21 -18.41	28.85 0.31 -14.13	27.23 0.57 -0.32	25.95 0.52 -0.42	23.01 0.41 0.00	22.54 0.42 -0.69	22.15 0.38 -3.50	21.87 0.41 -0.35	27.24 0.36 -9.42	27.14 0.15 -19.72	36.15 0.09 -31.36	35.74 0.28 -22.74	44.46 0.88 -0.27	103.15 1.60 -17.11	45.81 0.82 -6.45	40.44 0.59 -13.67	32.12 0.69 -0.27	33.17 0.68 -0.94	32.48 0.69 -0.97	43.07 0.37 -24.08
BOONVILLE_115KV_TB1 79983	4.09 -0.02 -1.79	1.70 0.00 -2.01	-1.20 0.05 -2.43	1.64 0.00 -1.96	10.75 0.01 -1.17	15.39 0.09 -0.90	26.54 0.18 -0.02	25.27 0.23 -0.03	22.89 0.30 0.00	21.70 0.22 -0.04	18.62 0.12 -0.22	21.29 0.16 -0.02	18.06 -0.01 -0.60	8.44 -0.07 -1.25	6.62 -0.06 -1.99	14.22 0.05 -1.44	43.82 0.50 -0.02	86.47 0.95 -1.08	39.12 0.17 -0.41	27.32 0.27 -0.86	31.25 0.08 -0.02	31.77 0.17 -0.06	31.13 0.26 -0.06	20.38 0.23 -1.52
BORALEX_4TH_BRANCH 23824	30.66 0.08 -28.26	31.34 -0.01 -31.67	34.50 -0.16 -38.34	30.59 -0.02 -30.93	28.37 0.39 -18.39	29.12 0.60 -14.11	27.71 1.05 -0.32	26.45 1.02 -0.42	23.48 0.88 0.00	22.92 0.80 -0.69	22.40 0.63 -3.50	22.19 0.73 -0.35	27.52 0.64 -9.41	27.24 0.28 -19.70	36.24 0.21 -31.33	36.09 0.64 -22.72	45.69 2.11 -0.27	105.45 3.92 -17.10	46.83 1.85 -6.44	41.09 1.25 -13.65	33.06 1.63 -0.27	34.22 1.74 -0.94	33.47 1.69 -0.97	43.69 1.01 -24.06
BOWLINE___1 23526	25.31 0.08 -22.90	25.35 -0.01 -25.67	27.27 -0.12 -31.07	24.73 -0.01 -25.07	24.78 0.30 -14.91	26.33 0.49 -11.44	27.48 0.88 -0.25	26.16 0.81 -0.34	23.29 0.69 0.00	22.70 0.71 -0.56	21.77 0.66 -2.84	22.13 0.73 -0.29	25.73 0.63 -7.63	23.51 0.28 -15.97	30.28 0.19 -25.40	31.62 0.48 -18.41	45.13 1.60 -0.22	101.47 3.18 -13.86	45.44 1.67 -5.22	38.39 1.14 -11.07	32.63 1.26 -0.21	33.52 1.21 -0.76	32.70 1.09 -0.79	38.75 0.63 -19.50
BOWLINE___2 23595	25.31 0.08 -22.90	25.35 -0.01 -25.67	27.28 -0.12 -31.08	24.73 -0.01 -25.08	24.79 0.30 -14.91	26.33 0.49 -11.44	27.49 0.89 -0.25	26.17 0.81 -0.34	23.29 0.69 0.00	22.70 0.71 -0.56	21.77 0.66 -2.84	22.13 0.73 -0.29	25.73 0.63 -7.63	23.52 0.28 -15.97	30.29 0.19 -25.40	31.62 0.48 -18.42	45.13 1.60 -0.22	101.47 3.18 -13.86	45.44 1.68 -5.22	38.39 1.14 -11.07	32.63 1.26 -0.21	33.52 1.21 -0.76	32.70 1.09 -0.79	38.75 0.63 -19.50
BRADY___115KV_TB2 356060	3.34 -0.10 -1.12	0.95 0.01 -1.25	-1.98 0.18 -1.51	0.89 -0.01 -1.22	9.84 -0.46 -0.73	14.08 -0.89 -0.56	24.55 -1.81 -0.01	23.68 -1.35 -0.02	21.58 -1.01 0.00	20.17 -1.29 -0.03	17.46 -0.96 -0.14	20.19 -0.93 -0.01	16.99 -0.85 -0.37	7.65 -0.40 -0.78	5.64 -0.29 -1.24	12.83 -0.80 -0.90	41.02 -2.29 -0.01	78.32 -6.79 -0.67	36.57 -2.23 -0.25	25.43 -1.29 -0.54	30.43 -0.73 -0.01	31.38 -0.20 -0.04	30.84 -0.01 -0.04	19.69 0.12 -0.95
BRANSCOMB___SOLAR 323811	31.48 0.12 -29.04	32.22 -0.02 -32.55	35.54 -0.19 -39.40	31.45 -0.02 -31.80	28.97 0.49 -18.91	29.67 0.75 -14.51	28.10 1.43 -0.32	26.81 1.36 -0.43	23.76 1.17 0.00	23.22 1.08 -0.71	22.72 0.85 -3.60	22.49 1.02 -0.36	28.02 0.88 -9.67	27.86 0.34 -20.25	37.15 0.24 -32.20	36.74 0.66 -23.35	45.96 2.38 -0.28	106.52 4.51 -17.57	47.24 2.07 -6.62	41.61 1.39 -14.04	33.08 1.64 -0.27	34.24 1.73 -0.97	33.52 1.71 -1.00	44.44 1.09 -24.73
BRENTWOD_69_KV_W. BRTWOOD 56703	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.22 1.05 -11.76	28.59 1.98 -0.26	27.08 1.72 -0.35	24.13 1.53 0.00	23.41 1.40 -0.57	22.81 1.50 -3.04	22.64 1.65 0.11	25.77 1.35 -6.94	26.95 0.63 -19.06	31.96 0.40 -26.86	33.30 1.07 -19.51	47.13 3.59 -0.24	116.34 6.48 -25.42	47.32 3.40 -5.38	39.89 2.33 -11.38	33.97 2.59 -0.22	35.03 2.71 -0.79	34.16 2.53 -0.82	49.26 1.55 -29.09
BRISTLHL_115KV_TB1 79998	6.52 -0.02 -4.22	4.42 0.00 -4.73	2.08 0.03 -5.72	4.30 0.00 -4.62	12.24 -0.09 -2.75	16.39 -0.13 -2.11	26.17 -0.22 -0.05	24.85 -0.22 -0.06	22.40 -0.19 0.00	21.37 -0.16 -0.10	18.63 -0.17 -0.52	20.99 -0.18 -0.05	18.73 -0.15 -1.41	10.14 -0.07 -2.94	9.33 -0.05 -4.68	15.99 -0.12 -3.39	42.92 -0.42 -0.04	86.40 -0.60 -2.55	39.08 -0.43 -0.96	27.91 -0.31 -2.04	30.79 -0.41 -0.04	31.21 -0.47 -0.14	30.48 -0.48 -0.14	21.92 -0.29 -3.59
BROOKHAVEN___DRP 24191	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.56 0.66 -15.32	27.22 1.06 -11.76	28.61 2.00 -0.26	27.06 1.69 -0.35	24.12 1.52 0.00	23.37 1.36 -0.57	22.78 1.49 -3.02	22.52 1.61 0.20	25.53 1.31 -6.76	26.72 0.61 -18.85	31.79 0.40 -26.69	33.22 1.08 -19.42	47.18 3.64 -0.24	116.63 6.94 -25.25	47.40 3.48 -5.38	39.94 2.38 -11.38	34.03 2.65 -0.22	35.12 2.79 -0.79	34.22 2.59 -0.82	49.24 1.57 -29.05

BROOKLYN_NAVY_YARD 23515	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.12 -31.92	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.56 0.96 -0.26	26.23 0.87 -0.35	23.37 0.77 0.00	22.81 0.80 -0.57	21.95 0.76 -2.92	22.24 0.84 -0.30	26.03 0.73 -7.84	23.99 0.32 -16.41	30.99 0.20 -26.09	32.15 0.51 -18.92	45.21 1.68 -0.23	102.02 3.35 -14.24	45.71 1.80 -5.36	38.80 1.25 -11.37	32.76 1.39 -0.22	33.67 1.34 -0.78	32.85 1.22 -0.81	39.35 0.69 -20.04
BROOKLYN___ARMY_DRP 323595	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
BROOKVLE_69_KV_TB1 55790	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.06 -0.20 -31.93	25.42 -0.02 -25.77	25.40 0.50 -15.32	26.98 0.81 -11.76	28.11 1.51 -0.26	26.71 1.35 -0.35	23.80 1.20 0.00	23.16 1.15 -0.57	22.98 1.20 -3.50	23.95 1.33 -1.51	29.09 1.12 -10.51	31.11 0.50 -23.34	35.34 0.33 -30.31	35.03 0.83 -21.48	46.31 2.77 -0.23	121.58 5.21 -31.93	46.59 2.66 -5.38	39.40 1.83 -11.38	33.45 2.07 -0.22	34.41 2.07 -0.79	33.59 1.96 -0.81	48.86 1.18 -29.07
BROOME_2_LFGE 323671	12.50 0.02 -10.15	11.06 0.00 -11.38	10.05 -0.04 -13.77	10.79 0.00 -11.11	16.28 0.09 -6.61	19.60 0.12 -5.07	26.73 0.27 -0.11	25.36 0.20 -0.15	22.77 0.17 0.00	21.87 0.18 -0.25	19.62 0.08 -1.26	21.35 0.11 -0.13	20.98 0.13 -3.38	14.42 0.08 -7.08	16.01 0.05 -11.26	20.98 0.10 -8.16	43.75 0.35 -0.10	91.82 1.24 -6.14	41.21 0.35 -2.31	31.27 0.18 -4.91	31.38 0.13 -0.10	31.95 0.07 -0.34	31.19 0.03 -0.35	27.32 0.05 -8.64
BROOME___LFGE 323600	12.50 0.02 -10.15	11.06 0.00 -11.38	10.05 -0.04 -13.77	10.79 0.00 -11.11	16.28 0.09 -6.61	19.60 0.12 -5.07	26.73 0.27 -0.11	25.36 0.20 -0.15	22.77 0.17 0.00	21.87 0.18 -0.25	19.62 0.08 -1.26	21.35 0.11 -0.13	20.98 0.13 -3.38	14.42 0.08 -7.08	16.01 0.05 -11.26	20.98 0.10 -8.16	43.75 0.35 -0.10	91.82 1.24 -6.14	41.21 0.35 -2.31	31.27 0.18 -4.91	31.38 0.13 -0.10	31.95 0.07 -0.34	31.19 0.03 -0.35	27.32 0.05 -8.64
BROWNFLS_115KV_TB_3_5 80003	3.94 -0.14 -1.75	1.67 0.02 -1.96	-1.06 0.24 -2.38	1.60 0.01 -1.92	10.27 -0.45 -1.14	14.60 -0.68 -0.88	25.00 -1.36 -0.02	23.97 -1.07 -0.03	21.81 -0.79 0.00	20.52 -0.96 -0.04	17.67 -0.82 -0.22	20.23 -0.90 -0.02	17.10 -0.96 -0.58	7.99 -0.50 -1.22	6.28 -0.36 -1.95	13.44 -0.70 -1.41	41.45 -1.87 -0.02	80.70 -4.79 -1.06	36.85 -2.09 -0.40	25.90 -1.13 -0.85	29.95 -1.22 -0.02	30.72 -0.88 -0.06	30.22 -0.65 -0.06	19.90 -0.21 -1.49
BROWNSV1_27_KV_LOAD 356125	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.08 -0.16 -31.92	25.42 -0.02 -25.76	25.31 0.42 -15.32	26.85 0.69 -11.75	27.89 1.28 -0.26	26.53 1.17 -0.35	23.64 1.05 0.00	23.06 1.06 -0.57	22.18 0.99 -2.92	22.51 1.11 -0.30	26.24 0.94 -7.84	24.08 0.41 -16.41	31.06 0.26 -26.09	32.34 0.69 -18.92	45.85 2.31 -0.23	103.17 4.49 -14.24	46.22 2.31 -5.36	39.14 1.59 -11.37	33.16 1.79 -0.22	34.06 1.73 -0.78	33.23 1.61 -0.81	39.58 0.92 -20.04
BURROWS___LYONSDAL 23803	4.14 -0.05 -1.87	1.79 0.01 -2.09	-1.05 0.10 -2.53	1.72 0.01 -2.04	10.72 -0.07 -1.21	15.33 0.00 -0.93	26.36 -0.01 -0.02	25.11 0.07 -0.03	22.76 0.16 0.00	21.54 0.06 -0.05	18.49 -0.02 -0.23	21.12 -0.02 -0.02	17.89 -0.20 -0.62	8.39 -0.18 -1.30	6.63 -0.13 -2.07	14.16 -0.07 -1.50	43.48 0.16 -0.02	85.82 0.26 -1.13	38.72 -0.25 -0.43	27.14 0.06 -0.90	30.92 -0.25 -0.02	31.48 -0.13 -0.06	30.90 0.02 -0.06	20.33 0.12 -1.59
CAITHNESS_CC_1 323624	26.05 0.19 -23.54	26.04 -0.02 -26.38	28.00 -0.25 -31.93	25.42 -0.02 -25.77	25.54 0.64 -15.32	27.18 1.02 -11.76	28.53 1.92 -0.26	26.98 1.62 -0.35	24.04 1.45 0.00	23.31 1.30 -0.57	22.71 1.42 -3.02	22.44 1.53 0.20	25.49 1.27 -6.75	26.70 0.59 -18.84	31.77 0.38 -26.69	33.18 1.04 -19.41	47.03 3.48 -0.24	116.26 6.59 -25.24	47.25 3.33 -5.38	39.83 2.27 -11.38	33.91 2.53 -0.22	35.01 2.68 -0.79	34.11 2.48 -0.82	49.18 1.51 -29.05
CALPINE BETH_PAGE_GT4 24209	26.01 0.16 -23.54	26.05 -0.02 -26.38	28.05 -0.21 -31.93	25.42 -0.01 -25.77	25.42 0.52 -15.32	27.00 0.84 -11.76	28.16 1.55 -0.26	26.71 1.35 -0.35	23.79 1.20 0.00	23.13 1.13 -0.57	22.88 1.24 -3.36	23.49 1.36 -1.02	28.03 1.13 -9.42	29.59 0.52 -21.80	34.07 0.34 -29.03	34.27 0.85 -20.70	46.26 2.72 -0.23	117.23 4.97 -27.82	46.53 2.60 -5.38	39.36 1.80 -11.38	33.38 2.00 -0.22	34.40 2.07 -0.79	33.66 2.04 -0.81	49.46 1.25 -29.59
CALPINE_BETH_PAGE_GT_4 323586	26.01 0.16 -23.54	26.05 -0.02 -26.38	28.05 -0.21 -31.93	25.42 -0.02 -25.77	25.42 0.52 -15.32	27.00 0.84 -11.76	28.16 1.55 -0.26	26.71 1.34 -0.35	23.79 1.20 0.00	23.13 1.13 -0.57	22.85 1.22 -3.36	23.46 1.33 -1.02	28.03 1.13 -9.42	29.59 0.52 -21.80	34.07 0.34 -29.03	34.27 0.86 -20.70	46.26 2.72 -0.23	117.23 4.97 -27.82	46.52 2.60 -5.38	39.36 1.80 -11.38	33.39 2.01 -0.22	34.40 2.07 -0.79	33.67 2.04 -0.81	49.46 1.25 -29.59
CALPINE_BP_GT1 23823	26.01 0.16 -23.54	26.05 -0.02 -26.38	28.05 -0.21 -31.93	25.42 -0.02 -25.77	25.42 0.52 -15.32	27.00 0.84 -11.76	28.16 1.55 -0.26	26.71 1.34 -0.35	23.79 1.20 0.00	23.13 1.13 -0.57	22.85 1.22 -3.36	23.46 1.33 -1.02	28.03 1.13 -9.42	29.59 0.52 -21.80	34.07 0.34 -29.03	34.27 0.86 -20.70	46.26 2.72 -0.23	117.23 4.97 -27.82	46.52 2.60 -5.38	39.36 1.80 -11.38	33.39 2.01 -0.22	34.40 2.07 -0.79	33.67 2.04 -0.81	49.46 1.25 -29.59
CALSPAN___DRP 24200	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.14 -4.16	17.71 0.11 -3.19	26.56 0.14 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.93 -0.13 -0.79	21.09 -0.10 -0.08	19.52 -0.07 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.67 -0.18 -5.13	42.77 -0.59 -0.06	87.53 -0.77 -3.86	38.93 -1.06 -1.46	28.45 -0.81 -3.09	30.33 -0.89 -0.06	30.91 -0.85 -0.21	30.29 -0.74 -0.22	23.58 -0.47 -5.44
CALVERTON___SOLAR 323806	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.27 -31.93	25.42 -0.02 -25.77	25.60 0.70 -15.32	27.28 1.11 -11.76	28.71 2.10 -0.26	27.15 1.78 -0.35	24.20 1.60 0.00	23.44 1.43 -0.57	22.81 1.52 -3.02	22.54 1.63 0.20	25.58 1.35 -6.76	26.74 0.63 -18.85	31.80 0.41 -26.70	33.27 1.13 -19.42	47.38 3.84 -0.24	117.02 7.34 -25.25	47.59 3.67 -5.38	40.07 2.51 -11.38	34.18 2.80 -0.22	35.27 2.94 -0.79	34.36 2.73 -0.82	49.32 1.65 -29.05
CANDIGU_WT_PWR 323617	10.11 0.00 -7.79	8.43 0.00 -8.74	6.88 -0.02 -10.58	8.21 0.00 -8.53	14.66 0.01 -5.07	18.23 -0.07 -3.89	26.50 0.07 -0.09	25.05 -0.08 -0.12	22.52 -0.08 0.00	21.45 -0.17 -0.19	18.92 -0.31 -0.97	20.82 -0.38 -0.10	19.88 -0.18 -2.60	12.69 -0.01 -5.44	13.34 0.00 -8.64	18.89 -0.10 -6.27	43.07 -0.31 -0.08	89.18 0.02 -4.72	39.90 -0.41 -1.78	29.49 -0.46 -3.77	30.43 -0.80 -0.07	30.89 -0.91 -0.26	30.15 -0.93 -0.27	24.84 -0.42 -6.64

CARR STREET_E_SYR 24060	6.86 0.00 -4.55	4.78 0.00 -5.09	2.49 0.00 -6.17	4.65 0.00 -4.98	12.52 -0.02 -2.96	16.65 -0.03 -2.27	26.37 -0.03 -0.05	25.04 -0.04 -0.07	22.57 -0.02 0.00	21.53 -0.01 -0.11	18.80 -0.04 -0.56	21.15 -0.02 -0.06	18.97 -0.01 -1.51	10.43 0.00 -3.17	9.74 0.00 -5.04	16.35 -0.02 -3.66	43.28 -0.07 -0.04	87.31 0.12 -2.75	39.47 -0.11 -1.04	28.28 -0.10 -2.20	31.03 -0.17 -0.04	31.47 -0.22 -0.15	30.73 -0.24 -0.16	22.34 -0.15 -3.87
CARTHAGE___PAPER 23857	4.81 -0.11 -2.60	2.61 0.01 -2.91	0.04 0.19 -3.52	2.53 0.02 -2.84	11.08 -0.19 -1.69	15.56 -0.14 -1.30	26.08 -0.29 -0.03	24.90 -0.15 -0.04	22.59 -0.01 0.00	21.29 -0.21 -0.06	18.27 -0.32 -0.32	20.68 -0.46 -0.03	17.64 -0.70 -0.87	8.64 -0.44 -1.81	7.26 -0.32 -2.88	14.48 -0.34 -2.09	42.91 -0.42 -0.03	85.15 -0.86 -1.57	38.29 -0.84 -0.59	27.15 -0.29 -1.26	30.43 -0.75 -0.03	31.05 -0.58 -0.09	30.55 -0.35 -0.09	20.82 -0.01 -2.21
CASSADAGA_WT_PWR 323784	8.97 0.06 -6.58	7.06 -0.01 -7.38	5.12 -0.13 -8.93	6.88 0.00 -7.21	14.12 0.25 -4.29	18.01 0.31 -3.29	27.16 0.75 -0.07	25.70 0.59 -0.10	23.22 0.62 0.00	22.04 0.45 -0.16	19.24 0.15 -0.82	21.35 0.15 -0.08	19.80 0.13 -2.19	12.00 0.14 -4.59	12.11 0.11 -7.30	18.13 0.11 -5.29	43.89 0.52 -0.06	90.18 1.76 -3.98	40.18 0.13 -1.50	29.30 -0.06 -3.18	31.12 -0.09 -0.06	31.71 -0.05 -0.22	31.02 -0.02 -0.23	24.22 -0.01 -5.61
CE_DUNWOOD___DRP 24194	25.91 0.09 -23.49	26.00 -0.01 -26.33	28.06 -0.13 -31.87	25.38 -0.01 -25.72	25.21 0.33 -15.29	26.69 0.55 -11.73	27.62 1.01 -0.26	26.28 0.92 -0.35	23.41 0.81 0.00	22.82 0.82 -0.57	21.95 0.77 -2.91	22.26 0.85 -0.29	26.02 0.73 -7.82	23.97 0.33 -16.38	30.96 0.22 -26.05	32.17 0.56 -18.89	45.40 1.87 -0.23	102.29 3.64 -14.21	45.78 1.88 -5.35	38.82 1.29 -11.35	32.81 1.43 -0.22	33.73 1.40 -0.78	32.92 1.30 -0.81	39.37 0.75 -20.00
CE_MILLWOOD___DRP 24193	25.83 0.09 -23.41	25.92 -0.01 -26.24	27.96 -0.13 -31.77	25.29 -0.01 -25.63	25.14 0.32 -15.24	26.63 0.53 -11.69	27.58 0.97 -0.26	26.25 0.89 -0.35	23.37 0.77 0.00	22.78 0.78 -0.57	21.92 0.74 -2.90	22.22 0.81 -0.29	25.97 0.71 -7.80	23.90 0.31 -16.32	30.87 0.21 -25.96	32.08 0.54 -18.82	45.33 1.80 -0.23	102.08 3.48 -14.17	45.69 1.81 -5.34	38.73 1.24 -11.31	32.76 1.38 -0.22	33.67 1.35 -0.78	32.87 1.25 -0.80	39.27 0.72 -19.94
CE_NYC2_DRP 24202	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.76 0.60 -11.75	27.69 1.08 -0.26	26.35 0.99 -0.35	23.49 0.89 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.97 -0.30	26.12 0.81 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.49 1.96 -0.23	102.46 3.78 -14.24	45.88 1.97 -5.36	38.89 1.34 -11.37	32.87 1.49 -0.22	33.79 1.46 -0.78	32.97 1.35 -0.81	39.42 0.77 -20.04
CE_NYC_DRP 24195	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.34 -15.32	26.73 0.57 -11.75	27.66 1.06 -0.26	26.30 0.94 -0.35	23.44 0.84 0.00	22.87 0.86 -0.57	22.02 0.82 -2.92	22.31 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.21 0.57 -18.92	45.42 1.89 -0.23	102.28 3.61 -14.24	45.81 1.90 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.74 1.41 -0.78	32.92 1.30 -0.81	39.40 0.74 -20.04
CHAFFEE___LFGE 323603	8.85 0.04 -6.49	6.96 0.00 -7.27	5.03 -0.09 -8.81	6.78 0.00 -7.10	13.91 0.11 -4.23	17.73 0.08 -3.24	26.53 0.12 -0.07	25.12 0.02 -0.10	22.71 0.12 0.00	21.63 0.04 -0.16	18.93 -0.14 -0.80	21.08 -0.11 -0.08	19.55 -0.08 -2.16	11.78 -0.01 -4.53	11.89 0.00 -7.20	17.74 -0.20 -5.22	42.72 -0.64 -0.06	87.55 -0.81 -3.93	38.97 -1.05 -1.48	28.58 -0.74 -3.14	30.35 -0.87 -0.06	30.90 -0.86 -0.22	30.28 -0.76 -0.22	23.66 -0.49 -5.53
CHATEAUG_35_KV_LOAD 355732	3.16 -0.15 -0.99	0.82 0.02 -1.11	-2.03 0.30 -1.35	0.76 0.00 -1.09	9.48 -0.75 -0.64	13.52 -1.38 -0.49	23.64 -2.71 -0.01	22.96 -2.07 -0.02	21.16 -1.44 0.00	19.86 -1.60 -0.02	17.13 -1.26 -0.12	19.80 -1.32 -0.01	16.57 -1.23 -0.33	7.42 -0.54 -0.69	5.40 -0.40 -1.10	12.48 -1.04 -0.80	40.43 -2.88 -0.01	77.62 -7.41 -0.60	36.28 -2.48 -0.23	25.16 -1.51 -0.48	30.12 -1.05 -0.01	30.80 -0.78 -0.03	30.03 -0.82 -0.03	19.22 -0.25 -0.85
CHATEAUG_WT_PWR 323614	3.13 -0.16 -0.96	0.78 0.02 -1.08	-2.06 0.31 -1.30	0.72 0.00 -1.05	9.43 -0.77 -0.63	13.45 -1.43 -0.48	23.56 -2.79 -0.01	22.90 -2.12 -0.01	21.13 -1.47 0.00	19.88 -1.57 -0.02	17.12 -1.28 -0.12	19.79 -1.33 -0.01	16.54 -1.25 -0.32	7.39 -0.55 -0.67	5.36 -0.40 -1.07	12.43 -1.06 -0.77	40.43 -2.88 -0.01	77.63 -7.38 -0.58	36.25 -2.51 -0.22	25.12 -1.53 -0.46	30.10 -1.07 -0.01	30.73 -0.85 -0.03	29.91 -0.94 -0.03	19.15 -0.29 -0.82
CHAT_HIGH_FALL_HYD 323578	3.16 -0.15 -0.99	0.82 0.02 -1.11	-2.03 0.30 -1.35	0.76 0.00 -1.09	9.48 -0.75 -0.64	13.52 -1.38 -0.49	23.64 -2.72 -0.01	22.96 -2.07 -0.02	21.16 -1.44 0.00	19.86 -1.60 -0.02	17.13 -1.26 -0.12	19.80 -1.32 -0.01	16.57 -1.23 -0.33	7.42 -0.54 -0.69	5.40 -0.40 -1.10	12.48 -1.04 -0.80	40.44 -2.87 -0.01	77.63 -7.41 -0.60	36.28 -2.48 -0.23	25.16 -1.51 -0.48	30.12 -1.05 -0.01	30.81 -0.77 -0.03	30.03 -0.82 -0.03	19.22 -0.25 -0.85
CHAUTAUQUA___LFGE 323629	8.91 0.06 -6.53	7.00 -0.01 -7.32	5.06 -0.12 -8.86	6.82 0.00 -7.15	14.04 0.21 -4.25	17.89 0.23 -3.26	26.85 0.43 -0.07	25.39 0.27 -0.10	22.92 0.32 0.00	21.82 0.23 -0.16	19.06 -0.03 -0.81	21.19 0.00 -0.08	19.64 0.00 -2.17	11.88 0.06 -4.55	11.99 0.05 -7.24	17.92 -0.06 -5.25	43.26 -0.11 -0.06	88.92 0.54 -3.95	39.58 -0.44 -1.49	28.89 -0.45 -3.16	30.72 -0.50 -0.06	31.27 -0.49 -0.22	30.59 -0.44 -0.22	23.92 -0.26 -5.56
CHERRYST_13_KV_LD 356241	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.10 -0.14 -31.92	25.42 -0.01 -25.76	25.26 0.37 -15.32	26.77 0.61 -11.75	27.74 1.13 -0.26	26.39 1.02 -0.35	23.51 0.91 0.00	22.94 0.93 -0.57	22.07 0.88 -2.92	22.38 0.98 -0.30	26.14 0.83 -7.84	24.03 0.36 -16.41	31.03 0.24 -26.09	32.25 0.61 -18.92	45.55 2.02 -0.23	102.57 3.90 -14.24	45.93 2.02 -5.36	38.93 1.38 -11.37	32.93 1.55 -0.22	33.84 1.51 -0.78	33.00 1.38 -0.81	39.45 0.79 -20.04
CHESTROR_138KV_BK263 355645	24.46 0.07 -22.06	24.41 -0.01 -24.73	26.15 -0.11 -29.93	23.82 -0.01 -24.15	24.21 0.27 -14.36	25.86 0.44 -11.02	27.39 0.79 -0.25	26.08 0.74 -0.33	23.22 0.62 0.00	22.59 0.62 -0.54	21.58 0.57 -2.73	22.01 0.62 -0.28	25.36 0.55 -7.35	22.89 0.24 -15.38	29.33 0.17 -24.46	30.89 0.43 -17.74	44.97 1.46 -0.21	100.70 2.91 -13.35	45.09 1.51 -5.03	37.88 1.04 -10.66	32.51 1.14 -0.21	33.39 1.11 -0.74	32.59 1.02 -0.76	37.98 0.58 -18.79
CH_MIDHUDSON___DRP 24192	26.50 0.09 -24.09	26.68 -0.01 -27.00	28.87 -0.13 -32.69	26.04 -0.01 -26.38	25.60 0.33 -15.68	26.98 0.54 -12.03	27.62 1.01 -0.27	26.32 0.95 -0.36	23.43 0.83 0.00	22.83 0.81 -0.59	22.02 0.76 -2.99	22.24 0.83 -0.30	26.21 0.72 -8.02	24.38 0.31 -16.80	31.63 0.21 -26.71	32.66 0.57 -19.37	45.48 1.94 -0.23	102.81 3.79 -14.58	45.94 1.91 -5.49	39.13 1.30 -11.64	32.86 1.48 -0.23	33.81 1.46 -0.80	33.03 1.39 -0.83	39.92 0.79 -20.51

CH_MISC_IPPS 23765	26.10 0.10 -23.67	26.20 -0.01 -26.53	28.29 -0.15 -32.12	25.57 -0.02 -25.92	25.38 0.39 -15.41	26.84 0.61 -11.82	27.76 1.15 -0.27	26.44 1.08 -0.35	23.54 0.94 0.00	22.93 0.92 -0.58	22.04 0.83 -2.93	22.32 0.92 -0.30	26.14 0.79 -7.88	24.12 0.35 -16.51	31.19 0.24 -26.25	32.39 0.63 -19.03	45.71 2.18 -0.23	103.07 4.31 -14.32	46.10 2.16 -5.40	39.09 1.47 -11.44	33.04 1.66 -0.22	33.96 1.63 -0.79	33.16 1.53 -0.81	39.66 0.88 -20.16
CH_RES_BVR_FALLS 23983	2.87 -0.10 -0.65	0.43 0.01 -0.73	-2.63 0.16 -0.88	0.38 0.00 -0.71	9.61 -0.39 -0.43	14.07 -0.66 -0.32	25.03 -1.32 -0.01	23.96 -1.06 -0.01	21.76 -0.84 0.00	20.49 -0.95 -0.02	17.63 -0.72 -0.08	20.37 -0.75 -0.01	16.99 -0.70 -0.22	7.39 -0.33 -0.45	5.19 -0.23 -0.72	12.67 -0.58 -0.52	41.48 -1.83 -0.01	80.11 -4.72 -0.39	36.87 -1.82 -0.15	25.32 -1.18 -0.31	30.16 -1.00 -0.01	30.86 -0.71 -0.02	30.30 -0.53 -0.02	18.94 -0.23 -0.55
CH_RES_NIAGARA 23895	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.43 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.62 -0.09	22.17 -0.43 0.00	21.08 -0.50 -0.15	18.41 -0.62 -0.76	20.54 -0.65 -0.08	18.93 -0.57 -2.04	11.28 -0.25 -4.26	11.32 -0.16 -6.78	17.09 -0.54 -4.92	41.33 -2.03 -0.06	84.23 -3.91 -3.70	37.45 -2.49 -1.39	27.41 -1.73 -2.96	29.34 -1.87 -0.06	29.93 -1.82 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
CH_RES_SYRACUSE 23985	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.10 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.67 0.04 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.92 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.05 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
CLINTON_WT_PWR 323605	3.13 -0.16 -0.96	0.78 0.02 -1.08	-2.06 0.31 -1.30	0.72 0.00 -1.05	9.43 -0.77 -0.63	13.45 -1.43 -0.48	23.56 -2.79 -0.01	22.90 -2.12 -0.01	21.13 -1.47 0.00	19.88 -1.57 -0.02	17.12 -1.28 -0.12	19.79 -1.33 -0.01	16.54 -1.25 -0.32	7.39 -0.55 -0.67	5.36 -0.40 -1.07	12.43 -1.06 -0.77	40.43 -2.88 -0.01	77.63 -7.38 -0.58	36.25 -2.51 -0.22	25.12 -1.53 -0.46	30.10 -1.07 -0.01	30.73 -0.85 -0.03	29.91 -0.94 -0.03	19.15 -0.29 -0.82
CLINTON__LFGE 323618	3.16 -0.13 -0.97	0.79 0.02 -1.09	-2.10 0.27 -1.31	0.73 0.00 -1.06	9.55 -0.66 -0.63	13.65 -1.24 -0.48	23.91 -2.45 -0.01	23.24 -1.79 -0.01	21.46 -1.14 0.00	20.20 -1.25 -0.02	17.35 -1.05 -0.12	20.11 -1.02 -0.01	16.79 -1.01 -0.32	7.50 -0.44 -0.68	5.43 -0.34 -1.07	12.64 -0.87 -0.78	41.20 -2.12 -0.01	79.23 -5.79 -0.59	36.95 -1.81 -0.22	25.60 -1.05 -0.47	30.65 -0.51 -0.01	31.29 -0.29 -0.03	30.45 -0.39 -0.03	19.48 0.04 -0.82
COBBLENY_34_KV_TB1 80064	8.86 0.05 -6.49	6.96 -0.01 -7.27	5.03 -0.09 -8.81	6.78 0.00 -7.10	13.92 0.11 -4.23	17.73 0.08 -3.24	26.53 0.11 -0.07	25.12 0.01 -0.10	22.71 0.11 0.00	21.64 0.05 -0.16	18.93 -0.14 -0.80	21.08 -0.11 -0.08	19.55 -0.08 -2.16	11.78 -0.01 -4.53	11.89 0.00 -7.20	17.74 -0.20 -5.22	42.73 -0.64 -0.06	87.55 -0.81 -3.93	38.97 -1.05 -1.48	28.58 -0.74 -3.14	30.35 -0.87 -0.06	30.91 -0.85 -0.22	30.28 -0.76 -0.22	23.66 -0.49 -5.53
COFFEEN__115KV_TB3 355620	5.13 -0.10 -2.91	2.97 0.01 -3.27	0.45 0.18 -3.95	2.88 0.02 -3.19	11.34 -0.13 -1.90	15.82 -0.04 -1.46	26.30 -0.08 -0.03	25.10 0.04 -0.04	22.71 0.11 0.00	21.38 -0.12 -0.07	18.33 -0.30 -0.36	20.67 -0.48 -0.04	17.75 -0.70 -0.97	8.84 -0.46 -2.03	7.60 -0.33 -3.23	14.76 -0.30 -2.34	43.17 -0.16 -0.03	86.23 0.03 -1.76	38.72 -0.49 -0.66	27.48 -0.11 -1.41	30.59 -0.60 -0.03	31.12 -0.52 -0.10	30.60 -0.32 -0.10	21.09 -0.01 -2.48
COLDSPRG_115KV_BK1 355956	9.09 0.11 -6.67	7.15 -0.01 -7.47	5.17 -0.20 -9.04	6.97 0.00 -7.30	14.35 0.44 -4.34	18.34 0.60 -3.33	27.63 1.22 -0.07	26.06 0.95 -0.10	23.52 0.92 0.00	22.41 0.82 -0.16	19.60 0.51 -0.83	21.80 0.60 -0.08	20.25 0.56 -2.22	12.19 0.28 -4.65	12.27 0.18 -7.39	18.39 0.31 -5.36	44.54 1.17 -0.06	91.49 3.02 -4.03	40.77 0.71 -1.52	29.75 0.35 -3.22	31.61 0.39 -0.06	32.20 0.44 -0.22	31.49 0.45 -0.23	24.54 0.25 -5.68
COLONIE_LFGE__ 323577	31.09 0.07 -28.70	31.84 -0.01 -32.16	35.13 -0.12 -38.94	31.08 -0.01 -31.42	28.59 0.33 -18.68	29.25 0.51 -14.33	27.59 0.93 -0.32	26.31 0.88 -0.43	23.35 0.75 0.00	22.84 0.71 -0.70	22.41 0.58 -3.56	22.14 0.67 -0.36	27.61 0.58 -9.55	27.52 0.24 -20.01	36.69 0.17 -31.82	36.28 0.49 -23.07	45.22 1.64 -0.28	104.82 3.02 -17.36	46.53 1.44 -6.54	41.04 0.99 -13.87	32.63 1.20 -0.27	33.76 1.26 -0.96	33.04 1.25 -0.99	43.79 0.73 -24.44
COOPERNY_115KV_TB1 80082	20.94 0.06 -18.56	20.49 -0.01 -20.80	21.42 -0.08 -25.18	19.99 -0.01 -20.32	21.86 0.20 -12.08	24.00 0.32 -9.27	27.14 0.59 -0.21	25.83 0.54 -0.28	23.05 0.46 0.00	22.34 0.46 -0.45	21.00 0.42 -2.30	21.80 0.46 -0.23	24.06 0.40 -6.18	20.39 0.18 -12.94	25.41 0.12 -20.58	27.96 0.31 -14.92	44.53 1.05 -0.18	97.84 2.17 -11.23	43.89 1.12 -4.23	35.91 0.76 -8.97	32.16 0.83 -0.17	32.96 0.80 -0.62	32.17 0.72 -0.64	34.84 0.41 -15.81
COPENHAGEN_WT_PWR 323753	5.18 -0.14 -3.00	3.07 0.02 -3.36	0.62 0.23 -4.07	2.97 0.02 -3.28	11.31 -0.21 -1.95	15.77 -0.13 -1.50	26.07 -0.30 -0.03	24.86 -0.19 -0.05	22.53 -0.07 0.00	21.27 -0.24 -0.07	18.24 -0.40 -0.37	20.56 -0.59 -0.04	17.63 -0.84 -1.00	8.82 -0.53 -2.09	7.65 -0.37 -3.32	14.71 -0.42 -2.41	42.58 -0.75 -0.03	85.02 -1.23 -1.81	38.09 -1.13 -0.68	27.08 -0.55 -1.45	29.98 -1.20 -0.03	30.56 -1.08 -0.10	30.12 -0.80 -0.10	20.93 -0.24 -2.55
CORNELL____ 23752	10.05 0.05 -7.68	8.29 -0.01 -8.60	6.65 -0.09 -10.42	8.07 0.00 -8.40	14.80 0.23 -5.00	18.58 0.34 -3.84	27.16 0.72 -0.09	25.81 0.69 -0.11	23.21 0.61 0.00	22.17 0.56 -0.19	19.63 0.41 -0.95	21.73 0.52 -0.10	20.48 0.45 -2.56	12.83 0.21 -5.35	13.34 0.13 -8.51	19.22 0.32 -6.17	44.70 1.32 -0.07	92.25 3.17 -4.64	41.56 1.27 -1.75	30.70 0.80 -3.71	32.08 0.85 -0.07	32.55 0.75 -0.26	31.75 0.68 -0.26	25.55 0.39 -6.54
CORONAAV_69_KV_TB1 355595	26.01 0.15 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.53 -15.32	27.01 0.85 -11.76	28.20 1.59 -0.26	26.75 1.39 -0.35	23.84 1.24 0.00	23.21 1.20 -0.57	24.49 1.28 -4.93	29.03 1.43 -6.49	40.11 1.19 -21.45	42.46 0.54 -34.66	44.00 0.35 -38.95	39.56 0.88 -25.95	46.48 2.95 -0.24	123.52 5.34 -33.74	46.71 2.79 -5.39	39.49 1.93 -11.39	33.54 2.16 -0.22	34.54 2.21 -0.79	33.71 2.08 -0.81	55.16 1.28 -35.26
CORTLAND_115KV_TB3 80093	8.94 0.03 -6.59	7.07 0.00 -7.39	5.22 -0.05 -8.95	6.89 0.00 -7.22	14.01 0.13 -4.29	17.90 0.20 -3.29	26.85 0.43 -0.07	25.50 0.39 -0.10	22.95 0.36 0.00	21.94 0.35 -0.16	19.34 0.25 -0.82	21.50 0.31 -0.08	19.93 0.27 -2.20	11.98 0.12 -4.60	12.09 0.08 -7.31	18.21 0.19 -5.30	44.15 0.78 -0.06	90.42 2.00 -3.99	40.78 0.73 -1.50	29.82 0.45 -3.19	31.67 0.46 -0.06	32.14 0.38 -0.22	31.38 0.34 -0.23	24.44 0.20 -5.61

COXSACKIE___GT 23611	29.50 0.21 -26.97	29.89 -0.03 -30.23	32.61 -0.31 -36.60	29.19 -0.02 -29.53	28.00 0.86 -17.56	29.21 1.33 -13.47	29.13 2.48 -0.30	27.87 2.45 -0.40	24.64 2.05 0.00	23.98 1.90 -0.66	22.99 1.37 -3.34	22.95 1.50 -0.34	27.64 1.19 -8.98	26.70 0.63 -18.81	35.02 0.41 -29.91	35.77 1.36 -21.69	48.48 4.92 -0.26	110.43 9.67 -16.32	48.97 4.29 -6.15	42.10 2.88 -13.04	34.81 3.39 -0.25	35.76 3.32 -0.90	34.98 3.24 -0.93	43.40 1.81 -22.97
CPV_VALLEY___CC1 323721	23.16 0.06 -20.79	22.98 -0.01 -23.29	24.44 -0.08 -28.20	22.42 -0.01 -22.76	23.31 0.20 -13.53	25.13 0.34 -10.38	27.19 0.61 -0.23	25.88 0.56 -0.31	23.07 0.47 0.00	22.42 0.49 -0.51	21.31 0.46 -2.58	21.86 0.49 -0.26	24.83 0.44 -6.92	21.95 0.20 -14.49	27.88 0.13 -23.05	29.77 0.33 -16.71	44.62 1.11 -0.20	99.24 2.23 -12.58	44.48 1.20 -4.74	37.04 0.81 -10.04	32.23 0.88 -0.20	33.08 0.84 -0.69	32.29 0.76 -0.71	36.75 0.43 -17.70
CPV_VALLEY___CC2 323722	23.16 0.06 -20.79	22.98 -0.01 -23.29	24.44 -0.08 -28.20	22.42 -0.01 -22.76	23.31 0.20 -13.53	25.13 0.34 -10.38	27.19 0.61 -0.23	25.88 0.56 -0.31	23.07 0.47 0.00	22.42 0.49 -0.51	21.31 0.46 -2.58	21.86 0.49 -0.26	24.83 0.44 -6.92	21.95 0.20 -14.49	27.88 0.13 -23.05	29.77 0.33 -16.71	44.62 1.11 -0.20	99.24 2.23 -12.58	44.48 1.20 -4.74	37.04 0.81 -10.04	32.23 0.88 -0.20	33.08 0.84 -0.69	32.29 0.76 -0.71	36.75 0.43 -17.70
CRESCENT___HYD 24018	31.09 0.07 -28.70	31.84 -0.01 -32.16	35.13 -0.12 -38.94	31.08 -0.01 -31.42	28.59 0.33 -18.68	29.25 0.51 -14.33	27.59 0.93 -0.32	26.31 0.88 -0.43	23.35 0.75 0.00	22.84 0.71 -0.70	22.41 0.58 -3.56	22.14 0.67 -0.36	27.61 0.58 -9.55	27.52 0.24 -20.01	36.69 0.17 -31.82	36.28 0.49 -23.07	45.22 1.64 -0.28	104.82 3.02 -17.36	46.53 1.44 -6.54	41.04 0.99 -13.87	32.63 1.20 -0.27	33.76 1.26 -0.96	33.04 1.25 -0.99	43.79 0.73 -24.44
CRICKET___VALLEY_CC1 323756	27.06 0.07 -24.67	27.33 -0.01 -27.65	29.69 -0.10 -33.47	26.67 -0.01 -27.01	25.89 0.25 -16.06	27.14 0.41 -12.32	27.38 0.76 -0.28	26.12 0.74 -0.37	23.25 0.65 0.00	22.69 0.66 -0.60	21.98 0.65 -3.06	22.11 0.69 -0.31	26.30 0.61 -8.21	24.72 0.26 -17.20	32.24 0.19 -27.36	33.04 0.48 -19.84	45.11 1.57 -0.24	102.32 2.95 -14.93	45.68 1.52 -5.62	39.14 1.03 -11.92	32.59 1.20 -0.23	33.57 1.21 -0.82	32.86 1.20 -0.85	40.31 0.68 -21.01
CRICKET___VALLEY_CC2 323757	27.06 0.07 -24.67	27.33 -0.01 -27.65	29.69 -0.10 -33.47	26.67 -0.01 -27.01	25.89 0.25 -16.06	27.14 0.41 -12.32	27.38 0.76 -0.28	26.12 0.74 -0.37	23.25 0.65 0.00	22.69 0.66 -0.60	21.98 0.65 -3.06	22.11 0.69 -0.31	26.30 0.61 -8.21	24.72 0.26 -17.20	32.24 0.19 -27.36	33.04 0.48 -19.84	45.11 1.57 -0.24	102.32 2.95 -14.93	45.68 1.52 -5.62	39.14 1.03 -11.92	32.59 1.20 -0.23	33.57 1.21 -0.82	32.86 1.20 -0.85	40.31 0.68 -21.01
CRICKET___VALLEY_CC3 323758	27.06 0.07 -24.67	27.33 -0.01 -27.65	29.69 -0.10 -33.47	26.67 -0.01 -27.01	25.89 0.25 -16.06	27.14 0.41 -12.32	27.38 0.76 -0.28	26.12 0.74 -0.37	23.25 0.65 0.00	22.69 0.66 -0.60	21.98 0.65 -3.06	22.11 0.69 -0.31	26.30 0.61 -8.21	24.72 0.26 -17.20	32.24 0.19 -27.36	33.04 0.48 -19.84	45.11 1.57 -0.24	102.32 2.95 -14.93	45.68 1.52 -5.62	39.14 1.03 -11.92	32.59 1.20 -0.23	33.57 1.21 -0.82	32.86 1.20 -0.85	40.31 0.68 -21.01
CRUCIBLE_METL_DRP 24180	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.11 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.66 0.03 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.93 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.04 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
DAHOWA___HYDRO 323763	31.56 0.13 -29.10	32.29 -0.02 -32.62	35.60 -0.21 -39.49	31.51 -0.02 -31.86	29.06 0.54 -18.95	29.77 0.83 -14.54	28.25 1.58 -0.33	26.96 1.52 -0.43	23.91 1.31 0.00	23.34 1.21 -0.71	22.82 0.94 -3.61	22.61 1.13 -0.36	28.13 0.97 -9.69	27.94 0.38 -20.29	37.24 0.26 -32.27	36.84 0.72 -23.40	46.17 2.59 -0.28	106.96 4.91 -17.61	47.43 2.25 -6.63	41.76 1.51 -14.06	33.21 1.78 -0.27	34.38 1.87 -0.97	33.68 1.86 -1.00	44.60 1.20 -24.78
DANC___LFGE 323619	5.68 -0.09 -3.46	3.58 0.01 -3.87	1.17 0.16 -4.69	3.47 0.01 -3.78	11.65 -0.18 -2.25	15.99 -0.15 -1.73	26.07 -0.31 -0.04	24.82 -0.24 -0.05	22.45 -0.15 0.00	21.29 -0.22 -0.08	18.38 -0.32 -0.43	20.70 -0.45 -0.04	18.03 -0.59 -1.15	9.32 -0.36 -2.41	8.29 -0.25 -3.84	15.19 -0.31 -2.78	42.66 -0.67 -0.03	85.47 -1.06 -2.09	38.45 -0.88 -0.79	27.39 -0.46 -1.67	30.30 -0.88 -0.03	30.82 -0.84 -0.12	30.26 -0.68 -0.12	21.29 -0.27 -2.94
DANSKAMMER___1 23586	26.10 0.10 -23.67	26.20 -0.01 -26.53	28.29 -0.15 -32.12	25.57 -0.02 -25.92	25.38 0.39 -15.41	26.84 0.61 -11.82	27.76 1.15 -0.27	26.44 1.08 -0.35	23.54 0.94 0.00	22.93 0.92 -0.58	22.04 0.83 -2.93	22.32 0.92 -0.30	26.14 0.79 -7.88	24.12 0.35 -16.51	31.19 0.24 -26.25	32.39 0.63 -19.03	45.71 2.18 -0.23	103.07 4.31 -14.32	46.10 2.16 -5.40	39.09 1.47 -11.44	33.04 1.66 -0.22	33.96 1.63 -0.79	33.16 1.53 -0.81	39.66 0.88 -20.16
DANSKAMMER___2 23589	26.10 0.10 -23.67	26.20 -0.01 -26.53	28.29 -0.15 -32.12	25.57 -0.02 -25.92	25.38 0.39 -15.41	26.84 0.61 -11.82	27.76 1.15 -0.27	26.44 1.08 -0.35	23.54 0.94 0.00	22.93 0.92 -0.58	22.04 0.83 -2.93	22.32 0.92 -0.30	26.14 0.79 -7.88	24.12 0.35 -16.51	31.19 0.24 -26.25	32.39 0.63 -19.03	45.71 2.18 -0.23	103.07 4.31 -14.32	46.10 2.16 -5.40	39.09 1.47 -11.44	33.04 1.66 -0.22	33.96 1.63 -0.79	33.16 1.53 -0.81	39.66 0.88 -20.16
DANSKAMMER___3 23590	26.10 0.10 -23.67	26.20 -0.01 -26.53	28.29 -0.15 -32.12	25.57 -0.02 -25.92	25.38 0.39 -15.41	26.84 0.61 -11.82	27.76 1.15 -0.27	26.44 1.08 -0.35	23.54 0.94 0.00	22.93 0.92 -0.58	22.04 0.83 -2.93	22.32 0.92 -0.30	26.14 0.79 -7.88	24.12 0.35 -16.51	31.19 0.24 -26.25	32.39 0.63 -19.03	45.71 2.18 -0.23	103.07 4.31 -14.32	46.10 2.16 -5.40	39.09 1.47 -11.44	33.04 1.66 -0.22	33.96 1.63 -0.79	33.16 1.53 -0.81	39.66 0.88 -20.16
DANSKAMMER___4 23591	26.10 0.10 -23.67	26.20 -0.01 -26.53	28.29 -0.15 -32.12	25.57 -0.02 -25.92	25.38 0.39 -15.41	26.84 0.61 -11.82	27.76 1.15 -0.27	26.44 1.08 -0.35	23.54 0.94 0.00	22.93 0.92 -0.58	22.04 0.83 -2.93	22.32 0.92 -0.30	26.14 0.79 -7.88	24.12 0.35 -16.51	31.19 0.24 -26.25	32.39 0.63 -19.03	45.71 2.18 -0.23	103.07 4.31 -14.32	46.10 2.16 -5.40	39.09 1.47 -11.44	33.04 1.66 -0.22	33.96 1.63 -0.79	33.16 1.53 -0.81	39.66 0.88 -20.16
DANSKAMMER___DIESEL 23592	26.10 0.10 -23.67	26.20 -0.01 -26.53	28.29 -0.15 -32.12	25.57 -0.02 -25.92	25.37 0.38 -15.41	26.84 0.61 -11.82	27.76 1.15 -0.27	26.44 1.08 -0.35	23.54 0.94 0.00	22.93 0.92 -0.58	22.04 0.83 -2.93	22.33 0.92 -0.30	26.14 0.79 -7.88	24.12 0.35 -16.51	31.19 0.24 -26.25	32.39 0.63 -19.03	45.71 2.18 -0.23	103.07 4.32 -14.32	46.10 2.16 -5.40	39.09 1.47 -11.44	33.04 1.66 -0.22	33.96 1.63 -0.79	33.15 1.52 -0.81	39.65 0.88 -20.16

DARBY___SOLAR 323810	31.49 0.12 -29.05	32.22 -0.02 -32.55	35.54 -0.19 -39.41	31.45 -0.02 -31.80	28.99 0.51 -18.91	29.69 0.77 -14.51	28.14 1.47 -0.32	26.85 1.41 -0.43	23.80 1.20 0.00	23.25 1.11 -0.71	22.74 0.87 -3.60	22.52 1.04 -0.36	28.04 0.90 -9.67	27.87 0.35 -20.25	37.16 0.25 -32.21	36.75 0.67 -23.35	45.98 2.40 -0.28	106.59 4.58 -17.57	47.26 2.10 -6.62	41.63 1.41 -14.04	33.10 1.67 -0.27	34.26 1.74 -0.97	33.55 1.74 -1.00	44.46 1.11 -24.73
DASHVILLE___HYD 23610	26.91 0.07 -24.52	27.16 -0.01 -27.48	29.48 -0.10 -33.27	26.50 -0.01 -26.84	25.79 0.25 -15.96	27.06 0.41 -12.25	27.36 0.74 -0.28	26.07 0.69 -0.37	23.21 0.61 0.00	22.62 0.59 -0.60	21.89 0.58 -3.04	22.04 0.62 -0.31	26.16 0.53 -8.16	24.59 0.23 -17.09	32.05 0.16 -27.19	32.86 0.43 -19.71	45.01 1.47 -0.24	102.18 2.90 -14.83	45.64 1.51 -5.59	39.08 1.05 -11.85	32.56 1.17 -0.23	33.53 1.17 -0.82	32.73 1.07 -0.84	40.11 0.61 -20.88
DEERFIELD_69_KV_DEERFIELD LD 355887	26.11 0.26 -23.54	26.04 -0.03 -26.38	27.90 -0.35 -31.93	25.41 -0.03 -25.77	25.80 0.90 -15.32	27.60 1.44 -11.76	29.31 2.70 -0.26	27.73 2.36 -0.35	24.74 2.14 0.00	23.94 1.94 -0.57	23.27 1.99 -3.02	23.07 2.16 0.19	25.96 1.73 -6.76	26.91 0.79 -18.85	31.92 0.52 -26.70	33.59 1.45 -19.42	48.57 5.04 -0.24	119.55 9.86 -25.25	48.73 4.81 -5.38	40.85 3.28 -11.38	35.09 3.71 -0.22	36.17 3.84 -0.79	35.21 3.58 -0.82	49.82 2.15 -29.05
DELAWARE___LFGE 323621	14.68 0.06 -12.30	13.46 -0.01 -13.78	12.91 -0.10 -16.68	13.12 -0.01 -13.46	17.82 0.24 -8.00	20.89 0.35 -6.14	27.17 0.69 -0.14	25.85 0.65 -0.18	23.19 0.59 0.00	22.31 0.58 -0.30	20.30 0.51 -1.52	21.83 0.57 -0.15	22.03 0.46 -4.09	16.04 0.20 -8.57	18.47 0.14 -13.64	22.99 0.38 -9.88	44.70 1.28 -0.12	94.66 2.79 -7.44	42.60 1.26 -2.80	32.97 0.85 -5.94	32.19 0.92 -0.12	32.81 0.86 -0.41	32.04 0.80 -0.42	29.56 0.47 -10.47
DERFIELD_115KV_TB7 355931	3.06 -0.01 -0.75	0.53 0.00 -0.84	-2.65 0.02 -1.01	0.49 0.00 -0.82	10.04 -0.03 -0.49	14.75 -0.03 -0.37	26.29 -0.06 -0.01	24.98 -0.04 -0.01	22.57 -0.02 0.00	21.41 -0.04 -0.02	18.33 -0.03 -0.09	21.08 -0.05 -0.01	17.67 -0.05 -0.25	7.76 -0.03 -0.52	5.51 -0.02 -0.83	13.29 -0.03 -0.60	43.22 -0.09 -0.01	84.63 -0.25 -0.45	38.63 -0.08 -0.17	26.49 -0.05 -0.36	31.14 -0.03 -0.01	31.58 0.01 -0.03	30.87 0.03 -0.03	19.28 0.02 -0.63
DOGLEVILLE___HYD 23807	3.07 0.00 -0.75	0.53 0.00 -0.84	-2.68 -0.01 -1.01	0.49 0.00 -0.82	10.11 0.05 -0.49	14.90 0.12 -0.37	26.71 0.36 -0.01	25.35 0.32 -0.01	22.88 0.28 0.00	21.69 0.24 -0.02	18.58 0.22 -0.09	21.26 0.14 -0.01	17.80 0.08 -0.25	7.84 0.06 -0.52	5.56 0.04 -0.83	13.41 0.09 -0.60	44.14 0.83 -0.01	87.04 2.15 -0.45	39.88 1.17 -0.17	27.25 0.71 -0.36	32.01 0.85 -0.01	32.20 0.64 -0.03	31.38 0.54 -0.03	19.61 0.36 -0.63
DUNKIRK___115KV_TB_200 55889	8.91 0.06 -6.53	7.00 -0.01 -7.31	5.06 -0.12 -8.86	6.82 0.00 -7.14	14.03 0.20 -4.25	17.88 0.21 -3.26	26.80 0.38 -0.07	25.34 0.23 -0.10	22.88 0.28 0.00	21.80 0.21 -0.16	19.04 -0.05 -0.81	21.18 -0.01 -0.08	19.63 -0.01 -2.17	11.87 0.05 -4.55	11.98 0.04 -7.24	17.90 -0.07 -5.25	43.19 -0.18 -0.06	88.76 0.37 -3.95	39.51 -0.52 -1.49	28.84 -0.49 -3.15	30.67 -0.55 -0.06	31.22 -0.55 -0.22	30.54 -0.50 -0.22	23.89 -0.29 -5.56
DUNKIRK___1 23563	8.91 0.06 -6.53	7.00 -0.01 -7.31	5.06 -0.12 -8.86	6.82 0.00 -7.14	14.03 0.20 -4.25	17.88 0.21 -3.26	26.80 0.38 -0.07	25.34 0.23 -0.10	22.88 0.28 0.00	21.80 0.21 -0.16	19.04 -0.05 -0.81	21.18 -0.01 -0.08	19.63 -0.01 -2.17	11.87 0.05 -4.55	11.98 0.04 -7.24	17.90 -0.07 -5.25	43.19 -0.18 -0.06	88.76 0.37 -3.95	39.51 -0.52 -1.49	28.84 -0.49 -3.15	30.67 -0.55 -0.06	31.22 -0.55 -0.22	30.54 -0.50 -0.22	23.89 -0.29 -5.56
DUNKIRK___2 23564	8.91 0.06 -6.53	7.00 -0.01 -7.31	5.06 -0.12 -8.86	6.82 0.00 -7.14	14.03 0.20 -4.25	17.88 0.21 -3.26	26.80 0.38 -0.07	25.34 0.23 -0.10	22.88 0.28 0.00	21.80 0.21 -0.16	19.04 -0.05 -0.81	21.18 -0.01 -0.08	19.63 -0.01 -2.17	11.87 0.05 -4.55	11.98 0.04 -7.24	17.90 -0.07 -5.25	43.19 -0.18 -0.06	88.76 0.37 -3.95	39.51 -0.52 -1.49	28.84 -0.49 -3.15	30.67 -0.55 -0.06	31.22 -0.55 -0.22	30.54 -0.50 -0.22	23.89 -0.29 -5.56
DUNKIRK___3 23565	8.91 0.05 -6.54	7.01 -0.01 -7.33	5.09 -0.10 -8.87	6.83 0.00 -7.16	14.00 0.17 -4.26	17.84 0.17 -3.27	26.71 0.29 -0.07	25.24 0.13 -0.10	22.76 0.17 0.00	21.71 0.12 -0.16	18.97 -0.11 -0.81	21.11 -0.09 -0.08	19.59 -0.05 -2.18	11.85 0.03 -4.56	11.97 0.02 -7.25	17.85 -0.13 -5.26	42.98 -0.39 -0.06	88.35 -0.04 -3.96	39.35 -0.68 -1.49	28.75 -0.60 -3.16	30.53 -0.69 -0.06	31.09 -0.68 -0.22	30.42 -0.62 -0.22	23.83 -0.36 -5.57
DUNKIRK___4 23566	8.83 0.06 -6.45	6.91 -0.01 -7.23	4.96 -0.11 -8.75	6.73 0.00 -7.06	13.96 0.18 -4.20	17.82 0.19 -3.22	26.74 0.33 -0.07	25.29 0.19 -0.10	22.84 0.24 0.00	21.76 0.17 -0.16	19.01 -0.06 -0.80	21.16 -0.03 -0.08	19.60 -0.02 -2.15	11.80 0.04 -4.50	11.89 0.03 -7.15	17.81 -0.10 -5.19	43.07 -0.30 -0.06	88.38 0.04 -3.90	39.34 -0.67 -1.47	28.72 -0.58 -3.12	30.57 -0.65 -0.06	31.13 -0.63 -0.21	30.47 -0.56 -0.22	23.77 -0.34 -5.49
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.92	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.73 0.57 -11.75	27.66 1.05 -0.26	26.33 0.96 -0.35	23.44 0.84 0.00	22.86 0.85 -0.57	22.00 0.81 -2.92	22.30 0.89 -0.30	26.07 0.76 -7.84	24.01 0.34 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.49 1.96 -0.23	102.47 3.79 -14.24	45.86 1.95 -5.36	38.89 1.34 -11.37	32.87 1.49 -0.22	33.80 1.47 -0.78	32.98 1.36 -0.81	39.44 0.78 -20.04
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.44 0.09 -23.03	25.49 -0.01 -25.81	27.44 -0.13 -31.25	24.87 -0.01 -25.21	24.89 0.31 -14.99	26.41 0.50 -11.50	27.54 0.94 -0.26	26.23 0.87 -0.34	23.35 0.75 0.00	22.73 0.74 -0.56	21.80 0.67 -2.85	22.14 0.73 -0.29	25.77 0.63 -7.67	23.60 0.28 -16.06	30.43 0.19 -25.54	31.75 0.51 -18.52	45.27 1.75 -0.22	101.84 3.47 -13.93	45.57 1.78 -5.25	38.52 1.21 -11.13	32.73 1.35 -0.22	33.64 1.33 -0.77	32.82 1.22 -0.79	38.93 0.70 -19.61
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.71 1.10 -0.26	26.37 1.01 -0.35	23.50 0.90 0.00	22.90 0.89 -0.57	22.05 0.86 -2.92	22.33 0.92 -0.30	26.11 0.81 -7.84	24.00 0.33 -16.41	31.01 0.22 -26.09	32.20 0.56 -18.92	45.39 1.86 -0.23	102.26 3.58 -14.24	45.77 1.86 -5.36	38.81 1.26 -11.37	32.77 1.40 -0.22	33.72 1.39 -0.78	32.92 1.30 -0.81	39.36 0.70 -20.04
E179THST_13_KV_LOAD 356214	25.97 0.11 -23.53	26.05 -0.02 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.30 0.40 -15.32	26.81 0.65 -11.75	27.82 1.21 -0.26	26.48 1.12 -0.35	23.60 1.00 0.00	23.00 1.00 -0.57	22.14 0.95 -2.92	22.42 1.02 -0.30	26.20 0.89 -7.84	24.04 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.60 2.07 -0.23	102.68 4.00 -14.24	45.96 2.05 -5.36	38.94 1.39 -11.37	32.93 1.55 -0.22	33.88 1.55 -0.78	33.06 1.44 -0.81	39.44 0.78 -20.04

EAST HAMPTON___GT 23717	26.14 0.28 -23.54	26.03 -0.03 -26.38	27.86 -0.39 -31.93	25.41 -0.03 -25.77	25.90 1.00 -15.32	27.74 1.58 -11.76	29.57 2.97 -0.26	27.98 2.62 -0.35	24.97 2.38 0.00	24.17 2.16 -0.57	23.44 2.15 -3.02	23.24 2.33 0.19	26.12 1.89 -6.76	26.98 0.86 -18.85	31.97 0.57 -26.70	33.74 1.60 -19.42	49.09 5.56 -0.24	120.62 10.93 -25.25	49.23 5.31 -5.38	41.19 3.63 -11.38	35.50 4.12 -0.22	36.57 4.24 -0.79	35.59 3.97 -0.82	50.03 2.36 -29.05
EAST RIVER___6 23660	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.34 -15.32	26.73 0.57 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.46 0.86 0.00	22.89 0.89 -0.57	22.03 0.84 -2.92	22.34 0.93 -0.30	26.10 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.45 1.91 -0.23	102.30 3.62 -14.24	45.84 1.94 -5.36	38.89 1.34 -11.37	32.87 1.49 -0.22	33.77 1.44 -0.78	32.94 1.32 -0.81	39.40 0.75 -20.04
EAST RIVER___7 23524	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.34 -15.32	26.73 0.57 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.46 0.86 0.00	22.89 0.89 -0.57	22.03 0.84 -2.92	22.34 0.93 -0.30	26.10 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.45 1.91 -0.23	102.30 3.62 -14.24	45.84 1.94 -5.36	38.89 1.34 -11.37	32.87 1.49 -0.22	33.77 1.44 -0.78	32.94 1.32 -0.81	39.40 0.75 -20.04
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.91 0.09 -23.49	26.00 -0.01 -26.33	28.06 -0.13 -31.87	25.38 -0.01 -25.72	25.21 0.33 -15.29	26.69 0.55 -11.73	27.62 1.01 -0.26	26.28 0.92 -0.35	23.41 0.81 0.00	22.82 0.82 -0.57	21.95 0.77 -2.91	22.26 0.85 -0.29	26.02 0.73 -7.82	23.97 0.33 -16.38	30.96 0.22 -26.05	32.17 0.56 -18.89	45.40 1.87 -0.23	102.29 3.64 -14.21	45.78 1.88 -5.35	38.82 1.29 -11.35	32.81 1.43 -0.22	33.73 1.40 -0.78	32.92 1.30 -0.81	39.37 0.75 -20.00
EAST_HAMPTON___DIESEL 23722	26.14 0.28 -23.54	26.03 -0.03 -26.38	27.86 -0.39 -31.93	25.41 -0.03 -25.77	25.90 1.00 -15.32	27.74 1.58 -11.76	29.57 2.97 -0.26	27.98 2.62 -0.35	24.98 2.38 0.00	24.17 2.16 -0.57	23.44 2.15 -3.02	23.25 2.33 0.19	26.13 1.89 -6.76	26.98 0.86 -18.85	31.97 0.57 -26.70	33.74 1.60 -19.42	49.10 5.56 -0.24	120.62 10.93 -25.25	49.23 5.31 -5.38	41.19 3.63 -11.38	35.50 4.12 -0.22	36.57 4.24 -0.79	35.60 3.97 -0.82	50.03 2.36 -29.05
EAST_PULASKI___ESR 323781	6.16 -0.05 -3.89	4.05 0.01 -4.36	1.67 0.08 -5.27	3.94 0.01 -4.26	11.99 -0.12 -2.53	16.22 -0.13 -1.94	26.13 -0.26 -0.04	24.84 -0.23 -0.06	22.43 -0.17 0.00	21.35 -0.17 -0.09	18.54 -0.21 -0.48	20.88 -0.28 -0.05	18.44 -0.32 -1.29	9.79 -0.18 -2.71	8.89 -0.12 -4.31	15.66 -0.19 -3.13	42.85 -0.49 -0.04	86.08 -0.72 -2.35	38.88 -0.55 -0.89	27.73 -0.34 -1.88	30.66 -0.53 -0.04	31.11 -0.56 -0.13	30.44 -0.51 -0.13	21.67 -0.26 -3.31
EAST_RIVER___1 323558	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.34 -15.32	26.73 0.57 -11.75	27.66 1.06 -0.26	26.31 0.94 -0.35	23.44 0.84 0.00	22.87 0.86 -0.57	22.02 0.82 -2.92	22.31 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.21 0.57 -18.92	45.42 1.89 -0.23	102.29 3.62 -14.24	45.81 1.90 -5.36	38.86 1.31 -11.37	32.84 1.46 -0.22	33.74 1.41 -0.78	32.92 1.30 -0.81	39.40 0.75 -20.04
EAST_RIVER___2 323559	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.34 -15.32	26.73 0.57 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.46 0.86 0.00	22.89 0.89 -0.57	22.03 0.84 -2.92	22.34 0.93 -0.30	26.10 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.45 1.91 -0.23	102.30 3.62 -14.24	45.84 1.94 -5.36	38.89 1.34 -11.37	32.87 1.49 -0.22	33.77 1.44 -0.78	32.94 1.32 -0.81	39.40 0.75 -20.04
EAST___DELAWARE_HYD 23607	24.07 0.05 -21.69	23.99 -0.01 -24.31	25.68 -0.07 -29.43	23.41 -0.01 -23.75	23.88 0.17 -14.12	25.54 0.30 -10.83	27.19 0.61 -0.24	25.90 0.56 -0.32	23.07 0.47 0.00	22.39 0.43 -0.53	21.31 0.35 -2.69	21.73 0.35 -0.27	25.01 0.32 -7.22	22.54 0.15 -15.12	28.85 0.10 -24.06	30.18 0.01 -17.44	43.69 0.18 -0.21	98.11 0.55 -13.12	43.91 0.43 -4.95	36.96 0.29 -10.48	31.70 0.34 -0.20	33.33 1.06 -0.72	32.49 0.93 -0.75	37.62 0.53 -18.47
EIGHT_POINT___WT_PWR 323820	9.74 -0.01 -7.43	8.02 0.00 -8.32	6.39 0.00 -10.08	7.81 0.01 -8.13	14.46 0.05 -4.83	17.98 -0.14 -3.71	26.65 0.22 -0.08	25.07 -0.05 -0.11	22.54 -0.06 0.00	21.39 -0.22 -0.18	18.77 -0.43 -0.92	20.69 -0.51 -0.09	19.65 -0.30 -2.47	12.41 -0.03 -5.18	12.95 0.01 -8.24	18.66 -0.03 -5.97	43.30 -0.08 -0.07	89.11 0.18 -4.49	40.06 -0.18 -1.69	29.54 -0.23 -3.59	30.49 -0.73 -0.07	30.77 -1.03 -0.25	30.02 -1.05 -0.25	24.48 -0.47 -6.33
ELBRIDGE_115KV_TB2 80188	7.30 0.00 -4.98	5.27 0.00 -5.58	3.07 0.00 -6.75	5.12 0.00 -5.45	12.80 -0.01 -3.24	16.87 -0.02 -2.49	26.38 -0.02 -0.06	25.05 -0.03 -0.07	22.58 -0.02 0.00	21.54 -0.01 -0.12	18.85 -0.04 -0.62	21.15 -0.03 -0.06	19.11 -0.02 -1.66	10.73 0.00 -3.47	10.22 0.00 -5.52	16.70 -0.02 -4.00	43.29 -0.07 -0.05	87.56 0.12 -3.01	39.59 -0.09 -1.13	28.49 -0.09 -2.41	31.05 -0.15 -0.05	31.49 -0.22 -0.17	30.76 -0.23 -0.17	22.72 -0.13 -4.24
ELEC_TRO_TEK 24086	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.06 -0.19 -31.93	25.43 -0.01 -25.77	25.37 0.47 -15.32	26.94 0.78 -11.76	28.05 1.45 -0.26	26.62 1.26 -0.35	23.72 1.12 0.00	23.08 1.08 -0.57	23.30 1.18 -3.85	25.14 1.31 -2.72	31.74 1.09 -13.17	33.90 0.49 -26.14	37.54 0.32 -32.52	36.18 0.80 -22.65	46.18 2.64 -0.24	122.56 4.82 -33.30	46.46 2.53 -5.39	39.31 1.74 -11.39	33.33 1.95 -0.22	34.33 1.99 -0.79	33.50 1.88 -0.81	49.74 1.16 -29.97
ELLENBURG_WT_PWR 323604	3.13 -0.16 -0.96	0.78 0.02 -1.08	-2.06 0.31 -1.30	0.72 0.00 -1.05	9.43 -0.77 -0.63	13.45 -1.43 -0.48	23.56 -2.79 -0.01	22.90 -2.12 -0.01	21.13 -1.47 0.00	19.88 -1.57 -0.02	17.12 -1.28 -0.12	19.79 -1.33 -0.01	16.54 -1.25 -0.32	7.39 -0.55 -0.67	5.36 -0.40 -1.07	12.43 -1.06 -0.77	40.43 -2.88 -0.01	77.63 -7.38 -0.58	36.25 -2.51 -0.22	25.12 -1.53 -0.46	30.10 -1.07 -0.01	30.73 -0.85 -0.03	29.91 -0.94 -0.03	19.15 -0.29 -0.82
ELM_ST_23_KV_LD_REV_LBMP_A 345012	8.68 0.04 -6.32	6.76 -0.01 -7.08	4.80 -0.09 -8.57	6.59 0.00 -6.91	13.79 0.10 -4.11	17.62 0.05 -3.15	26.44 0.02 -0.07	25.03 -0.08 -0.09	22.64 0.04 0.00	21.55 -0.03 -0.15	18.85 -0.21 -0.78	21.00 -0.19 -0.08	19.42 -0.15 -2.10	11.63 -0.04 -4.41	11.68 -0.02 -7.00	17.57 -0.23 -5.08	42.56 -0.80 -0.06	87.00 -1.26 -3.82	38.72 -1.26 -1.44	28.29 -0.94 -3.05	30.19 -1.03 -0.06	30.77 -0.99 -0.21	30.17 -0.86 -0.22	23.45 -0.54 -5.38
EMPIRE_CC_1 323656	29.79 0.04 -27.43	30.42 -0.01 -30.74	33.46 -0.08 -37.22	29.70 -0.01 -30.03	27.64 0.21 -17.86	28.44 0.33 -13.70	27.21 0.57 -0.31	25.86 0.44 -0.41	22.95 0.35 0.00	22.49 0.39 -0.67	22.04 0.37 -3.40	21.87 0.42 -0.34	26.97 0.37 -9.13	26.55 0.15 -19.13	35.21 0.10 -30.42	35.07 0.29 -22.05	44.49 0.92 -0.27	102.50 1.46 -16.60	45.55 0.76 -6.25	39.97 0.53 -13.26	32.08 0.67 -0.26	33.16 0.70 -0.91	32.47 0.71 -0.94	42.45 0.47 -23.36

EMPIRE_CC_2 323658	29.79 0.04 -27.43	30.42 -0.01 -30.74	33.46 -0.08 -37.22	29.70 -0.01 -30.03	27.64 0.21 -17.86	28.44 0.33 -13.70	27.21 0.57 -0.31	25.86 0.44 -0.41	22.95 0.35 0.00	22.49 0.39 -0.67	22.04 0.37 -3.40	21.87 0.42 -0.34	26.97 0.37 -9.13	26.55 0.15 -19.13	35.21 0.10 -30.42	35.07 0.29 -22.05	44.49 0.92 -0.27	102.50 1.46 -16.60	45.55 0.76 -6.25	39.97 0.53 -13.26	32.08 0.67 -0.26	33.16 0.70 -0.91	32.47 0.71 -0.94	42.45 0.47 -23.36
ENORWICH_115KV_TB1 80156	12.10 0.11 -9.67	10.50 -0.02 -10.83	9.23 -0.20 -13.11	10.23 -0.02 -10.58	16.37 0.49 -6.29	19.96 0.72 -4.83	28.22 1.77 -0.11	26.93 1.78 -0.14	24.19 1.59 0.00	23.11 1.44 -0.24	20.61 1.14 -1.20	22.44 1.21 -0.12	21.51 0.82 -3.22	14.38 0.37 -6.74	15.66 0.25 -10.72	21.33 0.84 -7.77	46.90 3.50 -0.09	98.60 8.32 -5.85	44.12 3.37 -2.20	33.00 2.15 -4.67	33.51 2.27 -0.09	33.82 1.96 -0.32	33.15 2.01 -0.33	27.99 1.14 -8.23
ERIE_ST__34_KV_TB1-2 80199	8.79 0.06 -6.42	6.88 -0.01 -7.19	4.92 -0.11 -8.71	6.70 0.00 -7.03	13.92 0.16 -4.18	17.77 0.16 -3.21	26.72 0.30 -0.07	25.31 0.20 -0.10	22.87 0.27 0.00	21.80 0.21 -0.16	19.07 0.00 -0.80	21.26 0.07 -0.08	19.67 0.06 -2.14	11.78 0.04 -4.48	11.84 0.02 -7.12	17.74 -0.14 -5.16	42.96 -0.41 -0.06	87.94 -0.38 -3.88	39.12 -0.88 -1.46	28.61 -0.68 -3.10	30.48 -0.74 -0.06	31.06 -0.70 -0.21	30.42 -0.61 -0.22	23.65 -0.44 -5.47
ERIE_WT_PWR 323693	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.13 -4.16	17.71 0.11 -3.19	26.57 0.15 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.94 -0.12 -0.79	21.11 -0.08 -0.08	19.53 -0.06 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.68 -0.18 -5.13	42.79 -0.57 -0.06	87.60 -0.69 -3.86	38.95 -1.04 -1.46	28.45 -0.82 -3.09	30.33 -0.88 -0.06	30.91 -0.84 -0.21	30.30 -0.74 -0.22	23.59 -0.46 -5.44
ESPRGFLD_115KV_TB1 80157	1.52 0.08 0.88	-1.31 -0.01 0.99	-5.00 -0.12 1.19	-1.31 -0.01 0.97	9.32 0.32 0.57	14.48 0.52 0.44	27.37 1.04 0.01	26.02 1.02 0.01	23.60 1.01 0.00	22.34 0.93 0.02	18.98 0.82 0.11	22.07 0.97 0.01	17.88 0.70 0.29	6.93 0.27 0.61	3.90 0.18 0.98	12.56 0.54 0.71	45.15 1.86 0.01	88.02 4.11 0.53	40.19 1.85 0.20	26.99 1.24 0.43	32.49 1.34 0.01	32.85 1.33 0.03	32.03 1.25 0.03	18.62 0.75 0.75
ETNA_115_KV_TB1_REV_LBMP_C 345029	10.03 0.05 -7.67	8.27 -0.01 -8.59	6.64 -0.08 -10.40	8.06 0.00 -8.39	14.78 0.21 -4.99	18.55 0.31 -3.83	27.10 0.67 -0.09	25.76 0.63 -0.11	23.16 0.56 0.00	22.13 0.51 -0.19	19.60 0.38 -0.95	21.69 0.48 -0.10	20.43 0.41 -2.55	12.80 0.19 -5.35	13.32 0.12 -8.50	19.18 0.30 -6.17	44.60 1.22 -0.07	92.02 2.94 -4.64	41.45 1.16 -1.75	30.62 0.74 -3.70	31.99 0.76 -0.07	32.47 0.67 -0.26	31.69 0.61 -0.26	25.50 0.35 -6.53
ETNA_____115KV_TB2 80207	10.03 0.05 -7.67	8.27 -0.01 -8.59	6.64 -0.08 -10.40	8.06 0.00 -8.39	14.78 0.21 -4.99	18.55 0.31 -3.83	27.10 0.67 -0.09	25.76 0.63 -0.11	23.16 0.56 0.00	22.13 0.51 -0.19	19.60 0.38 -0.95	21.69 0.48 -0.10	20.43 0.41 -2.55	12.80 0.19 -5.35	13.32 0.12 -8.50	19.18 0.30 -6.17	44.60 1.22 -0.07	92.02 2.94 -4.64	41.45 1.16 -1.75	30.62 0.74 -3.70	31.99 0.76 -0.07	32.47 0.67 -0.26	31.69 0.61 -0.26	25.50 0.35 -6.53
EUCLID__115KV_TB2 356179	6.77 -0.02 -4.46	4.69 0.00 -5.00	2.40 0.02 -6.05	4.56 0.00 -4.89	12.42 -0.07 -2.91	16.54 -0.10 -2.23	26.23 -0.16 -0.05	24.91 -0.17 -0.07	22.45 -0.14 0.00	21.42 -0.12 -0.11	18.69 -0.13 -0.55	21.03 -0.13 -0.06	18.84 -0.11 -1.49	10.33 -0.04 -3.11	9.62 -0.03 -4.95	16.22 -0.10 -3.59	43.02 -0.33 -0.04	86.71 -0.43 -2.70	39.22 -0.34 -1.02	28.08 -0.26 -2.16	30.85 -0.34 -0.04	31.30 -0.39 -0.15	30.57 -0.40 -0.15	22.18 -0.24 -3.80
E_CANADA_CAP_HY 24051	38.36 0.09 -35.95	39.96 -0.01 -40.29	44.96 -0.14 -48.77	39.01 -0.01 -39.36	33.35 0.37 -23.40	32.99 0.63 -17.95	27.96 1.21 -0.40	26.74 1.19 -0.54	23.76 1.16 0.00	23.36 1.05 -0.88	23.65 0.92 -4.46	22.65 1.09 -0.45	30.22 0.78 -11.97	32.62 0.28 -25.07	44.75 0.19 -39.86	42.20 0.58 -28.90	45.66 2.00 -0.35	110.39 4.20 -21.75	48.66 1.93 -8.19	44.85 1.29 -17.37	32.97 1.48 -0.34	34.33 1.59 -1.20	33.57 1.52 -1.24	50.14 0.91 -30.61
E_CANADA_MHWK_HY 24050	3.07 0.00 -0.75	0.53 0.00 -0.84	-2.68 -0.01 -1.01	0.49 0.00 -0.82	10.11 0.05 -0.49	14.90 0.12 -0.37	26.71 0.36 -0.01	25.35 0.32 -0.01	22.88 0.28 0.00	21.69 0.24 -0.02	18.58 0.22 -0.09	21.26 0.14 -0.01	17.80 0.08 -0.25	7.84 0.06 -0.52	5.56 0.04 -0.83	13.41 0.09 -0.60	44.14 0.83 -0.01	87.04 2.15 -0.45	39.88 1.17 -0.17	27.25 0.71 -0.36	32.01 0.85 -0.01	32.20 0.64 -0.03	31.38 0.54 -0.03	19.61 0.36 -0.63
E_FISHKILL__LBMP 23776	26.33 0.08 -23.92	26.49 -0.01 -26.81	28.67 -0.12 -32.46	25.85 -0.01 -26.19	25.45 0.30 -15.58	26.84 0.48 -11.95	27.50 0.89 -0.27	26.19 0.82 -0.36	23.32 0.72 0.00	22.73 0.72 -0.58	21.93 0.69 -2.97	22.16 0.75 -0.30	26.09 0.65 -7.97	24.23 0.28 -16.68	31.42 0.19 -26.53	32.46 0.50 -19.24	45.21 1.67 -0.23	102.13 3.22 -14.48	45.66 1.66 -5.45	38.88 1.14 -11.56	32.66 1.29 -0.22	33.61 1.26 -0.80	32.83 1.20 -0.82	39.68 0.68 -20.37
FALCON__SEABRD_CC1 323796	3.16 -0.13 -0.96	0.78 0.02 -1.08	-2.11 0.27 -1.31	0.72 0.00 -1.05	9.55 -0.66 -0.63	13.64 -1.25 -0.48	23.88 -2.48 -0.01	23.18 -1.84 -0.01	21.41 -1.18 0.00	20.19 -1.27 -0.02	17.32 -1.07 -0.12	20.08 -1.04 -0.01	16.75 -1.04 -0.32	7.48 -0.46 -0.67	5.42 -0.35 -1.07	12.60 -0.89 -0.77	41.06 -2.25 -0.01	78.95 -6.07 -0.58	36.79 -1.97 -0.22	25.49 -1.16 -0.47	30.54 -0.62 -0.01	31.18 -0.40 -0.03	30.35 -0.49 -0.03	19.43 -0.01 -0.82
FALCON__SEABRD_CC2 323797	3.16 -0.13 -0.96	0.78 0.02 -1.08	-2.11 0.27 -1.31	0.72 0.00 -1.05	9.55 -0.66 -0.63	13.64 -1.25 -0.48	23.88 -2.48 -0.01	23.18 -1.84 -0.01	21.41 -1.18 0.00	20.19 -1.27 -0.02	17.32 -1.07 -0.12	20.08 -1.04 -0.01	16.75 -1.04 -0.32	7.48 -0.46 -0.67	5.42 -0.35 -1.07	12.60 -0.89 -0.77	41.06 -2.25 -0.01	78.95 -6.07 -0.58	36.79 -1.97 -0.22	25.49 -1.16 -0.47	30.54 -0.62 -0.01	31.18 -0.40 -0.03	30.35 -0.49 -0.03	19.43 -0.01 -0.82
FAR ROCKAWAY__4 23548	26.03 0.17 -23.54	26.04 -0.02 -26.38	28.02 -0.23 -31.93	25.42 -0.02 -25.77	25.49 0.59 -15.32	27.12 0.96 -11.76	28.40 1.79 -0.26	26.94 1.57 -0.35	24.01 1.41 0.00	23.37 1.37 -0.57	24.76 1.43 -5.06	29.62 1.60 -6.91	41.19 1.34 -22.38	43.06 0.60 -35.19	44.54 0.39 -39.45	39.89 1.01 -26.16	46.91 3.37 -0.23	122.47 6.13 -31.90	47.08 3.16 -5.38	39.75 2.18 -11.38	33.84 2.46 -0.22	34.84 2.50 -0.79	33.98 2.36 -0.81	55.25 1.44 -35.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.92	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.75 0.59 -11.75	27.69 1.08 -0.26	26.33 0.97 -0.35	23.46 0.87 0.00	22.89 0.88 -0.57	22.03 0.93 -2.92	22.33 0.84 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.23 -26.09	32.22 0.58 -18.92	45.46 1.93 -0.23	102.37 3.70 -14.24	45.85 1.94 -5.36	38.89 1.33 -11.37	32.87 1.49 -0.22	33.77 1.44 -0.78	32.95 1.33 -0.81	39.42 0.76 -20.04

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.92	25.42 -0.01 -25.76	25.25 0.36 -15.32	26.75 0.59 -11.75	27.70 1.09 -0.26	26.35 0.98 -0.35	23.47 0.87 0.00	22.89 0.89 -0.57	22.03 0.84 -2.92	22.34 0.94 -0.30	26.10 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.47 1.94 -0.23	102.41 3.74 -14.24	45.87 1.97 -5.36	38.91 1.35 -11.37	32.89 1.51 -0.22	33.80 1.47 -0.78	32.97 1.35 -0.81	39.43 0.77 -20.04
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.46 0.86 0.00	22.88 0.87 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.09 0.78 -7.84	24.02 0.34 -16.41	31.01 0.22 -26.09	32.22 0.57 -18.92	45.42 1.89 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
FARRAGUT___LBMP 323566	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.34 -15.32	26.73 0.57 -11.75	27.66 1.05 -0.26	26.30 0.94 -0.35	23.44 0.84 0.00	22.86 0.85 -0.57	22.00 0.81 -2.92	22.30 0.90 -0.30	26.07 0.77 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.21 0.56 -18.92	45.39 1.85 -0.23	102.24 3.57 -14.24	45.80 1.89 -5.36	38.85 1.30 -11.37	32.82 1.45 -0.22	33.74 1.41 -0.78	32.91 1.29 -0.81	39.39 0.74 -20.04
FENNER___WINDPWR 24204	7.07 0.02 -4.74	4.99 0.00 -5.31	2.72 -0.03 -6.43	4.85 0.00 -5.19	12.79 0.13 -3.08	16.99 0.22 -2.37	26.86 0.47 -0.05	25.55 0.46 -0.07	23.04 0.44 0.00	21.94 0.40 -0.12	19.17 0.31 -0.59	21.52 0.35 -0.06	19.29 0.24 -1.58	10.66 0.09 -3.30	10.00 0.05 -5.25	16.73 0.20 -3.81	44.30 0.95 -0.05	89.37 2.07 -2.87	40.38 0.76 -1.08	28.97 0.50 -2.29	31.70 0.49 -0.05	32.18 0.47 -0.16	31.45 0.48 -0.16	22.92 0.27 -4.03
FIBERTEK___ENERGY 23856	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.11 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.66 0.03 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.93 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.04 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
FITZPATRICK____ 23598	5.80 -0.05 -3.53	3.65 0.01 -3.96	1.18 0.07 -4.79	3.54 0.01 -3.87	11.67 -0.20 -2.30	15.86 -0.31 -1.76	25.83 -0.55 -0.04	24.53 -0.54 -0.05	22.13 -0.47 0.00	21.07 -0.45 -0.09	18.31 -0.40 -0.44	20.70 -0.45 -0.04	18.27 -0.38 -1.18	9.57 -0.15 -2.46	8.51 -0.10 -3.91	15.26 -0.30 -2.84	42.32 -1.02 -0.04	84.74 -1.83 -2.14	38.40 -0.95 -0.80	27.22 -0.66 -1.71	30.39 -0.80 -0.03	30.83 -0.83 -0.12	30.12 -0.82 -0.12	21.14 -0.49 -3.01
FLOWRFLD_69_KV_BK1 356044	26.05 0.19 -23.54	26.04 -0.02 -26.38	28.00 -0.25 -31.93	25.42 -0.02 -25.77	25.54 0.64 -15.32	27.19 1.03 -11.76	28.56 1.95 -0.26	27.04 1.68 -0.35	24.11 1.51 0.00	23.37 1.37 -0.57	22.78 1.49 -3.02	22.56 1.62 0.18	25.60 1.33 -6.80	26.79 0.62 -18.90	31.84 0.40 -26.74	33.23 1.07 -19.44	47.17 3.63 -0.24	116.63 6.89 -25.30	47.36 3.44 -5.38	39.91 2.35 -11.38	33.99 2.61 -0.22	35.05 2.72 -0.79	34.16 2.54 -0.82	49.22 1.55 -29.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.16 0.11 -23.73	26.27 -0.01 -26.59	28.36 -0.16 -32.19	25.63 -0.02 -25.98	25.43 0.40 -15.45	26.90 0.64 -11.85	27.81 1.21 -0.27	26.50 1.13 -0.35	23.58 0.98 0.00	22.97 0.96 -0.58	22.09 0.88 -2.94	22.37 0.96 -0.30	26.20 0.83 -7.90	24.17 0.36 -16.55	31.26 0.25 -26.31	32.47 0.67 -19.08	45.81 2.28 -0.23	103.33 4.53 -14.36	46.19 2.24 -5.41	39.18 1.52 -11.47	33.11 1.73 -0.22	34.04 1.71 -0.79	33.23 1.60 -0.81	39.74 0.92 -20.21
FORT ORANGE____ 23900	30.60 0.07 -28.20	31.28 -0.01 -31.60	34.47 -0.11 -38.26	30.54 0.00 -30.87	28.25 0.31 -18.36	28.98 0.49 -14.08	27.55 0.89 -0.31	26.27 0.84 -0.42	23.24 0.65 0.00	22.74 0.62 -0.69	22.27 0.50 -3.49	22.02 0.55 -0.35	27.33 0.47 -9.39	27.14 0.21 -19.66	36.09 0.12 -31.27	35.80 0.40 -22.67	44.94 1.36 -0.27	104.02 2.52 -17.06	46.18 1.21 -6.43	40.66 0.85 -13.63	32.44 1.02 -0.27	33.47 0.98 -0.94	32.81 1.03 -0.97	43.16 0.53 -24.01
FORT_DRUM_COGEN 23780	5.02 -0.12 -2.82	2.86 0.02 -3.16	0.34 0.20 -3.82	2.77 0.02 -3.08	11.22 -0.19 -1.83	15.68 -0.13 -1.41	26.11 -0.27 -0.03	24.91 -0.15 -0.04	22.57 -0.03 0.00	21.27 -0.23 -0.07	18.25 -0.37 -0.35	20.60 -0.54 -0.04	17.65 -0.76 -0.94	8.75 -0.48 -1.96	7.48 -0.34 -3.12	14.62 -0.37 -2.27	42.81 -0.52 -0.03	85.32 -0.82 -1.70	38.31 -0.87 -0.64	27.18 -0.36 -1.36	30.29 -0.90 -0.03	30.86 -0.78 -0.09	30.37 -0.55 -0.10	20.89 -0.13 -2.40
FOX_HILLS___ESR 323835	25.97 0.11 -23.53	26.05 -0.02 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.20 -0.26	26.45 1.09 -0.35	23.57 0.97 0.00	22.97 0.97 -0.57	22.11 0.92 -2.92	22.40 0.99 -0.30	26.16 0.85 -7.84	24.04 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.59 2.06 -0.23	102.63 3.96 -14.24	45.99 2.09 -5.36	38.99 1.44 -11.37	32.99 1.61 -0.22	33.91 1.58 -0.78	33.09 1.47 -0.81	39.49 0.83 -20.04
FPL_FAR_ROCK_GT1 24212	26.03 0.17 -23.54	26.04 -0.02 -26.38	28.02 -0.23 -31.93	25.42 -0.02 -25.77	25.49 0.60 -15.32	27.13 0.96 -11.76	28.40 1.79 -0.26	26.94 1.58 -0.35	24.01 1.41 0.00	23.38 1.37 -0.57	24.73 1.40 -5.06	29.58 1.55 -6.91	41.18 1.33 -22.38	43.06 0.60 -35.19	44.54 0.39 -39.45	39.90 1.01 -26.16	46.91 3.37 -0.23	122.49 6.15 -31.90	47.09 3.16 -5.38	39.75 2.18 -11.38	33.84 2.47 -0.22	34.84 2.51 -0.79	33.99 2.36 -0.81	55.24 1.43 -35.20
FPL_FAR_ROCK_GT2 23815	26.03 0.17 -23.54	26.04 -0.02 -26.38	28.02 -0.23 -31.93	25.42 -0.02 -25.77	25.49 0.60 -15.32	27.13 0.96 -11.76	28.40 1.79 -0.26	26.94 1.58 -0.35	24.01 1.41 0.00	23.38 1.37 -0.57	24.73 1.40 -5.06	29.58 1.55 -6.91	41.18 1.33 -22.38	43.06 0.60 -35.19	44.54 0.39 -39.45	39.90 1.01 -26.16	46.91 3.37 -0.23	122.49 6.15 -31.90	47.09 3.16 -5.38	39.75 2.18 -11.38	33.84 2.47 -0.22	34.84 2.51 -0.79	33.99 2.36 -0.81	55.24 1.43 -35.20
FRANKLIN_FALL_HYD 24054	3.27 -0.12 -1.07	0.90 0.02 -1.20	-1.98 0.25 -1.45	0.84 0.00 -1.17	9.68 -0.60 -0.70	13.81 -1.13 -0.54	24.13 -2.23 -0.02	23.41 -1.62 -0.02	21.52 -1.08 0.00	20.21 -1.24 -0.03	17.44 -0.96 -0.13	20.16 -0.96 -0.01	16.89 -0.94 -0.36	7.59 -0.42 -0.75	5.56 -0.32 -1.19	12.77 -0.82 -0.86	41.16 -2.15 -0.01	79.03 -6.05 -0.65	36.87 -1.92 -0.24	25.60 -1.11 -0.52	30.57 -0.60 -0.01	31.29 -0.29 -0.04	30.57 -0.29 -0.04	19.56 0.03 -0.91
FREEPORT_EQUS_GT1 23764	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.53 -15.32	27.02 0.86 -11.76	28.21 1.60 -0.26	26.76 1.40 -0.35	23.85 1.25 0.00	23.19 1.18 -0.57	23.27 1.25 -3.75	24.83 1.37 -2.35	31.00 1.18 -12.35	32.62 0.54 -24.81	36.45 0.35 -31.40	35.56 0.89 -21.94	46.37 2.83 -0.23	118.32 5.01 -28.88	46.63 2.71 -5.38	39.46 1.90 -11.38	33.58 2.20 -0.22	34.58 2.25 -0.79	33.76 2.13 -0.81	50.51 1.29 -30.60

FREEPORT___CT2 23818	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.53 -15.32	27.02 0.86 -11.76	28.21 1.60 -0.26	26.76 1.40 -0.35	23.85 1.25 0.00	23.19 1.18 -0.57	23.27 1.25 -3.75	24.83 1.37 -2.35	31.00 1.18 -12.35	32.62 0.54 -24.81	36.45 0.35 -31.40	35.56 0.89 -21.94	46.37 2.83 -0.23	118.32 5.01 -28.88	46.63 2.71 -5.38	39.46 1.90 -11.38	33.58 2.20 -0.22	34.58 2.25 -0.79	33.76 2.13 -0.81	50.51 1.29 -30.60
FRESHKLS_33_KV_LOAD 356253	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.31 0.41 -15.32	26.83 0.67 -11.75	27.85 1.24 -0.26	26.49 1.13 -0.35	23.60 1.00 0.00	22.99 0.99 -0.57	22.12 0.94 -2.92	22.40 0.99 -0.30	26.16 0.85 -7.84	24.04 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.60 2.07 -0.23	102.66 3.99 -14.24	46.03 2.12 -5.36	39.01 1.46 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.50 -0.81	39.51 0.85 -20.04
FULTON COGEN____ 23766	6.52 -0.02 -4.22	4.42 0.00 -4.73	2.08 0.03 -5.72	4.30 0.00 -4.62	12.24 -0.09 -2.75	16.39 -0.13 -2.11	26.17 -0.22 -0.05	24.85 -0.22 -0.06	22.40 -0.19 0.00	21.37 -0.16 -0.10	18.63 -0.17 -0.52	20.99 -0.18 -0.05	18.73 -0.15 -1.41	10.14 -0.07 -2.94	9.33 -0.05 -4.68	15.99 -0.12 -3.39	42.92 -0.42 -0.04	86.40 -0.60 -2.55	39.08 -0.43 -0.96	27.91 -0.31 -2.04	30.79 -0.41 -0.04	31.21 -0.47 -0.14	30.48 -0.48 -0.14	21.92 -0.29 -3.59
FULTON___LFGE 323630	36.35 0.14 -33.89	37.65 -0.02 -37.98	42.06 -0.24 -45.98	36.75 -0.02 -37.10	32.26 0.62 -22.06	32.34 1.00 -16.93	28.61 1.88 -0.38	27.34 1.82 -0.51	24.13 1.53 0.00	23.71 1.45 -0.83	23.67 1.19 -4.20	22.80 1.27 -0.42	29.87 1.12 -11.28	31.35 0.45 -23.63	42.60 0.32 -37.58	40.88 0.91 -27.25	47.19 3.56 -0.33	111.90 6.96 -20.51	49.33 3.06 -7.73	44.67 2.11 -16.38	33.95 2.48 -0.32	35.19 2.52 -1.13	34.33 2.35 -1.16	48.87 1.39 -28.86
G.F.CEMENT___DRP 24184	31.69 0.16 -29.21	32.40 -0.02 -32.73	35.69 -0.26 -39.62	31.62 -0.03 -31.97	29.25 0.65 -19.01	30.00 1.01 -14.59	28.61 1.94 -0.33	27.32 1.87 -0.44	24.22 1.62 0.00	23.64 1.50 -0.71	23.03 1.14 -3.62	22.87 1.39 -0.36	28.37 1.17 -9.72	28.08 0.45 -20.36	37.39 0.31 -32.38	37.02 0.82 -23.48	46.56 2.97 -0.28	107.80 5.69 -17.67	47.74 2.54 -6.66	42.00 1.70 -14.11	33.41 1.98 -0.28	34.62 2.10 -0.97	33.95 2.13 -1.00	44.92 1.43 -24.87
GARDENVILLE___LBMP 24039	8.75 0.05 -6.39	6.84 -0.01 -7.16	4.89 -0.09 -8.67	6.66 0.00 -6.99	13.85 0.11 -4.16	17.67 0.08 -3.19	26.50 0.09 -0.07	25.09 -0.02 -0.09	22.67 0.07 0.00	21.59 0.01 -0.16	18.89 -0.18 -0.79	21.04 -0.15 -0.08	19.48 -0.11 -2.13	11.70 -0.02 -4.45	11.77 -0.01 -7.08	17.65 -0.21 -5.13	42.66 -0.70 -0.06	87.30 -0.99 -3.86	38.85 -1.14 -1.46	28.39 -0.87 -3.09	30.26 -0.96 -0.06	30.83 -0.93 -0.21	30.23 -0.81 -0.22	23.54 -0.51 -5.44
GARDNVLA_35_KV_LD 355827	8.76 0.06 -6.38	6.83 -0.01 -7.15	4.87 -0.11 -8.66	6.66 0.00 -6.99	13.89 0.15 -4.16	17.73 0.13 -3.19	26.61 0.19 -0.07	25.19 0.08 -0.09	22.77 0.17 0.00	21.68 0.10 -0.16	18.96 -0.10 -0.79	21.13 -0.06 -0.08	19.56 -0.04 -2.13	11.73 0.02 -4.45	11.79 0.01 -7.08	17.70 -0.15 -5.13	42.86 -0.51 -0.06	87.73 -0.57 -3.86	39.01 -0.98 -1.46	28.50 -0.77 -3.09	30.39 -0.83 -0.06	30.96 -0.79 -0.21	30.34 -0.69 -0.22	23.62 -0.43 -5.44
GELCKHM___115KV_LOAD 80723	6.93 -0.01 -4.61	4.86 0.00 -5.17	2.59 0.01 -6.26	4.72 0.00 -5.05	12.55 -0.03 -3.00	16.66 -0.05 -2.30	26.32 -0.07 -0.05	25.00 -0.08 -0.07	22.54 -0.06 0.00	21.50 -0.04 -0.11	18.78 -0.06 -0.57	21.11 -0.06 -0.06	18.96 -0.05 -1.54	10.46 -0.02 -3.22	9.80 -0.01 -5.12	16.38 -0.05 -3.71	43.20 -0.15 -0.05	87.15 -0.08 -2.79	39.42 -0.17 -1.05	28.26 -0.15 -2.23	30.98 -0.22 -0.04	31.43 -0.27 -0.15	30.69 -0.28 -0.16	22.37 -0.17 -3.93
GENERAL___MILLS 23808	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.14 -4.16	17.71 0.11 -3.19	26.56 0.14 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.93 -0.13 -0.79	21.09 -0.10 -0.08	19.52 -0.07 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.67 -0.18 -5.13	42.77 -0.59 -0.06	87.53 -0.77 -3.86	38.93 -1.06 -1.46	28.45 -0.81 -3.09	30.33 -0.89 -0.06	30.91 -0.85 -0.21	30.29 -0.74 -0.22	23.58 -0.47 -5.44
GE_PLASTICS___DRP 24183	30.62 0.05 -28.25	31.34 -0.01 -31.66	34.56 -0.08 -38.33	30.60 0.00 -30.93	28.20 0.24 -18.39	28.88 0.36 -14.11	27.31 0.65 -0.31	26.04 0.60 -0.42	23.06 0.47 0.00	22.59 0.47 -0.69	22.18 0.40 -3.50	21.91 0.44 -0.35	27.26 0.38 -9.41	27.13 0.17 -19.70	36.12 0.10 -31.32	35.74 0.30 -22.71	44.55 0.97 -0.27	103.29 1.77 -17.09	45.86 0.88 -6.44	40.46 0.62 -13.65	32.17 0.75 -0.27	33.22 0.74 -0.94	32.54 0.76 -0.97	43.07 0.40 -24.06
GILBOA___1 23756	25.89 0.05 -23.52	26.04 -0.01 -26.35	28.14 -0.09 -31.91	25.41 -0.01 -25.75	25.12 0.23 -15.31	26.46 0.31 -11.75	27.18 0.57 -0.26	25.88 0.52 -0.35	23.04 0.44 0.00	22.44 0.44 -0.57	21.58 0.39 -2.91	21.84 0.44 -0.29	25.68 0.38 -7.83	23.83 0.17 -16.40	30.89 0.11 -26.08	31.93 0.30 -18.91	44.44 0.91 -0.23	100.42 1.75 -14.23	44.79 0.89 -5.36	38.20 0.65 -11.36	32.12 0.75 -0.22	33.07 0.74 -0.78	32.33 0.71 -0.81	39.05 0.41 -20.02
GILBOA___2 23757	25.89 0.05 -23.52	26.04 -0.01 -26.35	28.14 -0.09 -31.91	25.41 -0.01 -25.75	25.12 0.23 -15.31	26.46 0.31 -11.75	27.18 0.57 -0.26	25.88 0.52 -0.35	23.04 0.44 0.00	22.44 0.44 -0.57	21.58 0.39 -2.91	21.84 0.44 -0.29	25.68 0.38 -7.83	23.83 0.17 -16.40	30.89 0.11 -26.08	31.93 0.30 -18.91	44.44 0.91 -0.23	100.42 1.75 -14.23	44.79 0.89 -5.36	38.20 0.65 -11.36	32.12 0.75 -0.22	33.07 0.74 -0.78	32.33 0.71 -0.81	39.05 0.41 -20.02
GILBOA___3 23758	25.89 0.05 -23.52	26.04 -0.01 -26.35	28.14 -0.09 -31.91	25.41 -0.01 -25.75	25.12 0.23 -15.31	26.46 0.31 -11.75	27.18 0.57 -0.26	25.88 0.52 -0.35	23.04 0.44 0.00	22.44 0.44 -0.57	21.58 0.39 -2.91	21.84 0.44 -0.29	25.68 0.38 -7.83	23.83 0.17 -16.40	30.89 0.11 -26.08	31.93 0.30 -18.91	44.44 0.91 -0.23	100.42 1.75 -14.23	44.79 0.89 -5.36	38.20 0.65 -11.36	32.12 0.75 -0.22	33.07 0.74 -0.78	32.33 0.71 -0.81	39.05 0.41 -20.02
GILBOA___4 23759	25.89 0.05 -23.52	26.04 -0.01 -26.35	28.14 -0.09 -31.91	25.41 -0.01 -25.75	25.12 0.23 -15.31	26.46 0.31 -11.75	27.18 0.57 -0.26	25.88 0.52 -0.35	23.04 0.44 0.00	22.44 0.44 -0.57	21.58 0.39 -2.91	21.84 0.44 -0.29	25.68 0.38 -7.83	23.83 0.17 -16.40	30.89 0.11 -26.08	31.93 0.30 -18.91	44.44 0.91 -0.23	100.42 1.75 -14.23	44.79 0.89 -5.36	38.20 0.65 -11.36	32.12 0.75 -0.22	33.07 0.74 -0.78	32.33 0.71 -0.81	39.05 0.41 -20.02
GILBOA____ 23599	25.89 0.05 -23.52	26.04 -0.01 -26.35	28.14 -0.09 -31.91	25.41 -0.01 -25.75	25.11 0.23 -15.31	26.46 0.31 -11.75	27.18 0.57 -0.26	25.88 0.52 -0.35	23.04 0.44 0.00	22.44 0.44 -0.57	21.58 0.39 -2.91	21.84 0.44 -0.29	25.68 0.38 -7.83	23.83 0.17 -16.40	30.89 0.11 -26.08	31.93 0.30 -18.91	44.44 0.91 -0.23	100.42 1.75 -14.23	44.79 0.89 -5.36	38.20 0.65 -11.36	32.12 0.74 -0.22	33.07 0.74 -0.78	32.33 0.71 -0.81	39.05 0.41 -20.02

GINNA____ 23603	7.61 -0.07 -5.36	5.70 0.01 -6.01	3.69 0.10 -7.27	5.55 0.01 -5.87	12.75 -0.32 -3.49	16.57 -0.52 -2.68	25.43 -0.98 -0.06	24.13 -0.96 -0.08	21.81 -0.79 0.00	20.80 -0.76 -0.13	18.23 -0.71 -0.66	20.38 -0.80 -0.07	18.59 -0.66 -1.78	10.72 -0.28 -3.74	10.48 -0.16 -5.94	16.53 -0.50 -4.31	41.64 -1.71 -0.05	84.52 -3.16 -3.24	37.93 -1.83 -1.22	27.47 -1.30 -2.59	29.68 -1.53 -0.05	30.15 -1.57 -0.18	29.46 -1.54 -0.18	22.24 -0.94 -4.56
GLEN PARK____ 23778	5.11 -0.11 -2.90	2.95 0.02 -3.25	0.44 0.19 -3.94	2.87 0.02 -3.18	11.30 -0.16 -1.89	15.77 -0.08 -1.45	26.22 -0.15 -0.03	25.02 -0.04 -0.04	22.65 0.05 0.00	21.33 -0.17 -0.07	18.29 -0.35 -0.36	20.62 -0.52 -0.04	17.70 -0.74 -0.97	8.81 -0.48 -2.02	7.58 -0.34 -3.22	14.71 -0.34 -2.33	43.02 -0.31 -0.03	85.91 -0.28 -1.75	38.57 -0.63 -0.66	27.37 -0.21 -1.40	30.46 -0.72 -0.03	31.01 -0.63 -0.10	30.49 -0.42 -0.10	21.02 -0.07 -2.47
GLENDALÉ_27_KV_LOAD 356172	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.15 -31.93	25.42 -0.01 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.79 1.18 -0.26	26.45 1.09 -0.35	23.59 0.99 0.00	23.00 1.00 -0.57	22.14 0.95 -2.92	22.46 1.06 -0.30	26.20 0.89 -7.84	24.06 0.38 -16.41	31.04 0.25 -26.09	32.29 0.64 -18.92	45.69 2.16 -0.23	102.86 4.19 -14.24	46.07 2.16 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.94 1.61 -0.78	33.10 1.48 -0.81	39.50 0.84 -20.04
GLENWOOD_IC_1_G5 23712	25.99 0.13 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.02 -25.77	25.36 0.46 -15.32	26.91 0.75 -11.76	28.01 1.40 -0.26	26.61 1.25 -0.35	23.71 1.11 0.00	23.08 1.08 -0.57	22.86 1.12 -3.47	23.73 1.24 -1.39	28.74 1.04 -10.23	30.91 0.46 -23.18	35.21 0.30 -30.21	34.95 0.77 -21.46	46.11 2.57 -0.24	122.18 4.86 -32.89	46.42 2.49 -5.39	39.28 1.72 -11.39	33.30 1.92 -0.22	34.25 1.92 -0.79	33.44 1.81 -0.81	48.41 1.09 -28.71
GLENWOOD_IC_2_G1 23688	25.98 0.12 -23.54	26.05 -0.02 -26.38	28.09 -0.16 -31.93	25.42 -0.02 -25.77	25.31 0.41 -15.32	26.83 0.67 -11.76	27.84 1.24 -0.26	26.47 1.10 -0.35	23.57 0.97 0.00	22.97 0.96 -0.57	22.39 0.97 -3.15	22.48 1.07 -0.30	26.22 0.91 -7.84	24.25 0.41 -16.57	31.16 0.27 -26.19	32.40 0.69 -18.99	45.80 2.27 -0.23	103.76 4.29 -15.03	46.13 2.22 -5.37	39.08 1.53 -11.37	33.09 1.71 -0.22	34.03 1.70 -0.79	33.22 1.60 -0.81	39.81 0.94 -20.25
GLENWOOD_IC_3_G1 23689	25.98 0.12 -23.54	26.05 -0.02 -26.38	28.09 -0.16 -31.93	25.42 -0.02 -25.77	25.31 0.41 -15.32	26.83 0.67 -11.76	27.84 1.24 -0.26	26.47 1.10 -0.35	23.57 0.97 0.00	22.97 0.96 -0.57	22.39 0.97 -3.15	22.48 1.07 -0.30	26.22 0.91 -7.84	24.25 0.41 -16.57	31.16 0.27 -26.19	32.40 0.69 -18.99	45.80 2.27 -0.23	103.76 4.29 -15.03	46.13 2.22 -5.37	39.08 1.53 -11.37	33.09 1.71 -0.22	34.03 1.70 -0.79	33.22 1.60 -0.81	39.81 0.94 -20.25
GLENWOOD____4 23550	25.99 0.13 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.02 -25.77	25.36 0.46 -15.32	26.91 0.75 -11.76	28.01 1.40 -0.26	26.61 1.25 -0.35	23.71 1.11 0.00	23.08 1.08 -0.57	22.86 1.12 -3.47	23.73 1.24 -1.39	28.74 1.04 -10.23	30.91 0.46 -23.18	35.21 0.30 -30.21	34.95 0.77 -21.46	46.11 2.57 -0.24	122.18 4.86 -32.89	46.42 2.49 -5.39	39.28 1.72 -11.39	33.30 1.92 -0.22	34.26 1.92 -0.79	33.44 1.81 -0.81	48.41 1.09 -28.71
GLENWOOD____5 23614	25.99 0.13 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.02 -25.77	25.36 0.46 -15.32	26.91 0.75 -11.76	28.01 1.40 -0.26	26.61 1.25 -0.35	23.71 1.11 0.00	23.08 1.08 -0.57	22.86 1.12 -3.47	23.73 1.24 -1.39	28.74 1.04 -10.23	30.91 0.46 -23.18	35.21 0.30 -30.21	34.95 0.77 -21.46	46.11 2.57 -0.24	122.18 4.86 -32.89	46.42 2.49 -5.39	39.28 1.72 -11.39	33.30 1.92 -0.22	34.26 1.92 -0.79	33.44 1.81 -0.81	48.41 1.09 -28.71
GLOBAL GREEN_PORT_GT1 23814	26.13 0.27 -23.54	26.03 -0.03 -26.38	27.88 -0.38 -31.93	25.41 -0.03 -25.77	25.87 0.97 -15.32	27.69 1.53 -11.76	29.49 2.88 -0.26	27.90 2.54 -0.35	24.90 2.30 0.00	24.10 2.10 -0.57	23.38 2.09 -3.02	23.17 2.25 0.19	26.06 1.83 -6.76	26.96 0.84 -18.85	31.95 0.55 -26.70	33.69 1.55 -19.42	48.92 5.38 -0.24	120.28 10.59 -25.25	49.07 5.16 -5.38	41.08 3.52 -11.38	35.37 3.99 -0.22	36.44 4.11 -0.79	35.47 3.84 -0.82	49.96 2.29 -29.05
GLOBE____DSASP 323697	8.44 0.00 -6.11	6.52 0.00 -6.83	4.58 -0.03 -8.29	6.37 0.01 -6.69	13.39 -0.16 -3.97	17.15 -0.31 -3.05	25.78 -0.63 -0.07	24.44 -0.66 -0.09	22.12 -0.48 0.00	21.04 -0.54 -0.15	18.38 -0.66 -0.76	20.50 -0.69 -0.08	18.90 -0.61 -2.04	11.27 -0.26 -4.26	11.31 -0.16 -6.78	17.05 -0.59 -4.91	41.22 -2.15 -0.06	83.98 -4.16 -3.70	37.36 -2.58 -1.39	27.33 -1.81 -2.95	29.26 -1.95 -0.06	29.86 -1.89 -0.20	29.35 -1.68 -0.21	22.73 -1.09 -5.20
GOETHSLN____LBMP 323567	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.11 -31.92	25.42 -0.01 -25.76	25.18 0.28 -15.32	26.64 0.48 -11.75	27.49 0.88 -0.26	26.15 0.79 -0.35	23.29 0.69 0.00	22.72 0.72 -0.57	21.89 0.70 -2.92	22.18 0.77 -0.30	25.97 0.66 -7.84	23.96 0.29 -16.41	30.98 0.19 -26.09	32.12 0.48 -18.92	45.08 1.55 -0.23	101.67 2.99 -14.24	45.55 1.64 -5.36	38.68 1.13 -11.37	32.63 1.25 -0.22	33.53 1.20 -0.78	32.72 1.10 -0.81	39.28 0.62 -20.04
GOLAH____69_KV_TB 1_2 80279	7.89 0.08 -5.49	5.83 -0.01 -6.15	3.62 -0.15 -7.45	5.67 -0.01 -6.01	13.44 0.29 -3.57	17.50 0.36 -2.74	26.91 0.50 -0.06	25.50 0.40 -0.08	23.02 0.43 0.00	21.97 0.40 -0.13	19.19 0.24 -0.68	21.48 0.30 -0.07	19.54 0.24 -1.83	11.18 0.09 -3.83	10.86 0.07 -6.09	17.26 0.12 -4.41	43.80 0.44 -0.05	88.82 1.07 -3.32	39.79 0.00 -1.25	28.77 -0.06 -2.65	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.01 0.01 -0.19	23.25 -0.05 -4.67
GOODYEAR_LAKE_HYD 323669	10.87 0.07 -8.48	9.18 -0.01 -9.50	7.70 -0.12 -11.50	8.94 -0.01 -9.28	15.39 0.29 -5.52	19.08 0.44 -4.24	27.34 0.90 -0.09	26.01 0.87 -0.13	23.42 0.82 0.00	22.43 0.79 -0.21	20.01 0.69 -1.05	22.01 0.80 -0.11	20.91 0.62 -2.82	13.44 0.26 -5.91	14.27 0.18 -9.40	20.04 0.50 -6.81	45.08 1.69 -0.08	93.30 3.74 -5.13	42.16 1.68 -1.93	31.40 1.12 -4.10	32.45 1.21 -0.08	32.97 1.14 -0.28	32.16 1.05 -0.29	26.47 0.63 -7.22
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.45 0.03 -10.10	11.01 0.00 -11.32	9.98 -0.05 -13.71	10.73 0.00 -11.06	16.27 0.11 -6.58	19.59 0.14 -5.05	26.76 0.30 -0.11	25.39 0.22 -0.15	22.79 0.19 0.00	21.89 0.21 -0.25	19.62 0.09 -1.25	21.36 0.12 -0.13	20.97 0.14 -3.36	14.39 0.08 -7.04	15.96 0.06 -11.20	20.95 0.10 -8.12	43.77 0.37 -0.10	91.87 1.32 -6.11	41.23 0.38 -2.30	31.26 0.19 -4.88	31.40 0.15 -0.10	31.96 0.08 -0.34	31.21 0.05 -0.35	27.28 0.06 -8.60
GOUDEY____7 23579	12.45 0.03 -10.10	11.01 0.00 -11.32	9.98 -0.05 -13.71	10.73 0.00 -11.06	16.27 0.12 -6.58	19.60 0.15 -5.05	26.79 0.33 -0.11	25.41 0.25 -0.15	22.81 0.21 0.00	21.91 0.23 -0.25	19.64 0.11 -1.25	21.38 0.15 -0.13	20.99 0.16 -3.36	14.40 0.09 -7.04	15.96 0.06 -11.20	20.96 0.12 -8.12	43.82 0.42 -0.10	91.96 1.42 -6.11	41.27 0.43 -2.30	31.28 0.22 -4.88	31.43 0.18 -0.10	32.00 0.11 -0.34	31.24 0.07 -0.35	27.30 0.08 -8.60

GOUDEY___8	12.45	11.01	9.98	10.73	16.27	19.59	26.76	25.39	22.79	21.89	19.62	21.36	20.97	14.39	15.96	20.95	43.77	91.87	41.23	31.26	31.40	31.96	31.21	27.28
23580	0.03	0.00	-0.05	0.00	0.11	0.14	0.30	0.22	0.19	0.21	0.09	0.12	0.14	0.08	0.06	0.10	0.37	1.32	0.38	0.19	0.15	0.08	0.05	0.06
	-10.10	-11.32	-13.71	-11.06	-6.58	-5.05	-0.11	-0.15	0.00	-0.25	-1.25	-0.13	-3.36	-7.04	-11.20	-8.12	-0.10	-6.11	-2.30	-4.88	-0.10	-0.34	-0.35	-8.60
GOWANUS_GT1_1	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24077	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_2	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24078	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_3	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24079	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_4	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24080	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_5	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24084	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_6	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24111	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_7	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24112	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT1_8	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
24113	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT2_1	25.97	26.05	28.09	25.42	25.29	26.81	27.80	26.46	23.57	22.99	22.13	22.43	26.18	24.05	31.04	32.28	45.65	102.79	46.04	39.02	33.01	33.93	33.12	39.50
24114	0.11	-0.01	-0.16	-0.02	0.39	0.65	1.20	1.09	0.97	0.99	0.94	1.03	0.87	0.38	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT2_2	25.97	26.05	28.09	25.42	25.29	26.81	27.80	26.46	23.57	22.99	22.13	22.43	26.18	24.05	31.04	32.28	45.65	102.79	46.04	39.02	33.01	33.93	33.12	39.50
24115	0.11	-0.01	-0.16	-0.02	0.39	0.65	1.20	1.09	0.97	0.99	0.94	1.03	0.87	0.38	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT2_3	25.97	26.05	28.09	25.42	25.29	26.81	27.80	26.46	23.57	22.99	22.13	22.43	26.18	24.05	31.04	32.28	45.65	102.79	46.04	39.02	33.01	33.93	33.12	39.50
24116	0.11	-0.01	-0.16	-0.02	0.39	0.65	1.20	1.09	0.97	0.99	0.94	1.03	0.87	0.38	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT2_4	25.97	26.05	28.09	25.42	25.29	26.81	27.80	26.46	23.57	22.99	22.13	22.43	26.18	24.05	31.04	32.28	45.65	102.79	46.04	39.02	33.01	33.93	33.12	39.50
24117	0.11	-0.01	-0.16	-0.02	0.39	0.65	1.20	1.09	0.97	0.99	0.94	1.03	0.87	0.38	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT2_5	25.97	26.05	28.09	25.42	25.29	26.81	27.80	26.46	23.57	22.99	22.13	22.43	26.18	24.05	31.04	32.28	45.65	102.79	46.04	39.02	33.01	33.93	33.12	39.50
24118	0.11	-0.01	-0.16	-0.02	0.39	0.65	1.20	1.09	0.97	0.99	0.94	1.03	0.87	0.38	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04
GOWANUS_GT2_6	25.97	26.05	28.09	25.42	25.29	26.81	27.80	26.46	23.57	22.99	22.13	22.43	26.18	24.05	31.04	32.28	45.65	102.79	46.04	39.02	33.01	33.93	33.12	39.50
24119	0.11	-0.01	-0.16	-0.02	0.39	0.65	1.20	1.09	0.97	0.99	0.94	1.03	0.87	0.38	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04

GOWANUS_GT2_7 24120	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT2_8 24121	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_1 24122	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_2 24123	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_3 24124	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_4 24125	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_5 24126	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_6 24127	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_7 24128	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT3_8 24129	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_1 24130	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_2 24131	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_3 24132	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_4 24133	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_5 24134	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04

GOWANUS_GT4_6 24135	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_7 24136	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GOWANUS_GT4_8 24137	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GREENBSH_115KV_TB3 55895	30.72 0.05 -28.35	31.45 -0.01 -31.77	34.70 -0.08 -38.46	30.70 0.00 -31.03	28.26 0.23 -18.45	28.92 0.35 -14.16	27.30 0.64 -0.32	26.01 0.58 -0.42	23.02 0.42 0.00	22.56 0.44 -0.69	22.15 0.37 -3.51	21.87 0.40 -0.35	27.25 0.35 -9.44	27.18 0.15 -19.76	36.21 0.08 -31.43	35.77 0.25 -22.79	44.39 0.81 -0.28	102.98 1.39 -17.15	45.72 0.71 -6.46	40.40 0.52 -13.70	32.06 0.63 -0.27	33.09 0.60 -0.94	32.46 0.67 -0.97	43.08 0.32 -24.14
GREENDGE_115KV_TB5 80291	9.41 0.04 -7.05	7.58 0.00 -7.90	5.81 -0.07 -9.56	7.39 0.00 -7.72	14.35 0.18 -4.59	18.17 0.24 -3.52	26.97 0.55 -0.08	25.59 0.47 -0.10	23.02 0.42 0.00	21.95 0.35 -0.17	19.34 0.20 -0.87	21.49 0.29 -0.09	20.11 0.29 -2.35	12.32 0.14 -4.91	12.60 0.09 -7.82	18.58 0.19 -5.67	44.08 0.70 -0.07	90.26 1.56 -4.27	40.81 0.67 -1.61	29.98 0.39 -3.41	31.55 0.33 -0.07	31.99 0.21 -0.23	31.20 0.14 -0.24	24.74 0.12 -6.00
GREENIDGE___3 23582	9.41 0.04 -7.05	7.58 0.00 -7.90	5.81 -0.07 -9.56	7.39 0.00 -7.72	14.35 0.18 -4.59	18.17 0.24 -3.52	26.97 0.55 -0.08	25.59 0.47 -0.10	23.02 0.42 0.00	21.95 0.35 -0.17	19.34 0.20 -0.87	21.49 0.29 -0.09	20.11 0.29 -2.35	12.32 0.14 -4.91	12.60 0.09 -7.82	18.58 0.19 -5.67	44.08 0.70 -0.07	90.26 1.56 -4.27	40.81 0.67 -1.61	29.98 0.39 -3.41	31.55 0.33 -0.07	31.99 0.21 -0.23	31.20 0.14 -0.24	24.74 0.12 -6.00
GREENIDGE___4 23583	9.41 0.04 -7.05	7.58 0.00 -7.90	5.81 -0.07 -9.56	7.39 0.00 -7.72	14.35 0.18 -4.59	18.17 0.24 -3.52	26.97 0.55 -0.08	25.59 0.47 -0.10	23.02 0.42 0.00	21.95 0.35 -0.17	19.34 0.20 -0.87	21.49 0.29 -0.09	20.10 0.28 -2.35	12.32 0.14 -4.91	12.60 0.09 -7.82	18.58 0.19 -5.67	44.08 0.70 -0.07	90.25 1.55 -4.27	40.82 0.67 -1.61	29.98 0.39 -3.41	31.55 0.32 -0.07	31.99 0.21 -0.23	31.20 0.14 -0.24	24.73 0.11 -6.00
GREENLWN_69_KV_BK 3 55738	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.53 -15.32	27.02 0.86 -11.76	28.21 1.61 -0.26	26.75 1.39 -0.35	23.84 1.24 0.00	23.17 1.16 -0.57	22.62 1.31 -3.04	22.45 1.45 0.11	25.61 1.19 -6.94	26.89 0.56 -19.06	31.92 0.36 -26.86	33.11 0.88 -19.51	46.48 2.94 -0.24	115.37 5.44 -25.50	46.66 2.74 -5.38	39.46 1.90 -11.38	33.48 2.10 -0.22	34.52 2.19 -0.79	33.70 2.07 -0.82	48.97 1.29 -29.07
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.80 0.64 -11.75	27.80 1.19 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.98 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.17 0.87 -7.84	24.05 0.37 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.78 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.02 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
GRISSOM___SOLAR 323813	36.35 0.14 -33.89	37.65 -0.02 -37.98	42.06 -0.24 -45.98	36.75 -0.02 -37.10	32.26 0.62 -22.06	32.34 1.00 -16.93	28.61 1.88 -0.38	27.34 1.82 -0.51	24.13 1.53 0.00	23.71 1.45 -0.83	23.67 1.19 -4.20	22.80 1.27 -0.42	29.87 1.12 -11.28	31.35 0.45 -23.63	42.60 0.32 -37.58	40.88 0.91 -27.25	47.19 3.56 -0.33	111.90 6.96 -20.51	49.33 3.06 -7.73	44.67 2.11 -16.38	33.95 2.48 -0.32	35.19 2.52 -1.13	34.33 2.35 -1.16	48.87 1.39 -28.86
GROVEVILLE___HYD 323602	26.16 0.11 -23.73	26.27 -0.01 -26.59	28.36 -0.16 -32.19	25.63 -0.02 -25.98	25.43 0.40 -15.45	26.90 0.64 -11.85	27.81 1.21 -0.27	26.50 1.13 -0.35	23.58 0.98 0.00	22.97 0.96 -0.58	22.09 0.88 -2.94	22.37 0.96 -0.30	26.20 0.83 -7.90	24.17 0.36 -16.55	31.26 0.25 -26.31	32.47 0.67 -19.08	45.81 2.28 -0.23	103.33 4.53 -14.36	46.19 2.24 -5.41	39.18 1.52 -11.47	33.11 1.73 -0.22	34.04 1.71 -0.79	33.23 1.60 -0.81	39.74 0.92 -20.21
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.11 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.66 0.03 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.93 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.04 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
HAMLTNNY_34_KV_TB 80303	7.32 0.01 -4.99	5.28 0.00 -5.59	3.08 -0.02 -6.78	5.14 0.00 -5.47	12.86 0.03 -3.25	16.94 0.04 -2.49	26.51 0.11 -0.06	25.19 0.10 -0.07	22.70 0.10 0.00	21.66 0.11 -0.12	18.95 0.06 -0.62	21.27 0.10 -0.06	19.21 0.08 -1.66	10.79 0.04 -3.48	10.26 0.02 -5.54	16.79 0.05 -4.01	43.56 0.21 -0.05	88.14 0.68 -3.02	39.84 0.15 -1.14	28.66 0.06 -2.41	31.24 0.03 -0.05	31.68 -0.03 -0.17	30.92 -0.06 -0.17	22.83 -0.04 -4.25
HAMPSHIRE___PAPER_HYD 323593	3.94 -0.14 -1.75	1.67 0.02 -1.96	-1.06 0.24 -2.38	1.60 0.01 -1.92	10.27 -0.45 -1.14	14.60 -0.68 -0.88	24.99 -1.37 -0.02	23.97 -1.07 -0.03	21.81 -0.79 0.00	20.52 -0.96 -0.04	17.67 -0.82 -0.22	20.23 -0.90 -0.02	17.10 -0.96 -0.58	7.99 -0.50 -1.22	6.28 -0.36 -1.95	13.44 -0.70 -1.41	41.45 -1.87 -0.02	80.70 -4.80 -1.06	36.85 -2.09 -0.40	25.91 -1.13 -0.85	29.95 -1.23 -0.02	30.73 -0.88 -0.06	30.22 -0.65 -0.06	19.90 -0.21 -1.49
HARDSCRABBLE_WT_PWR 323673	3.05 -0.02 -0.75	0.53 0.00 -0.84	-2.64 0.03 -1.01	0.49 0.00 -0.82	10.03 -0.03 -0.49	14.82 0.04 -0.37	26.56 0.21 -0.01	25.18 0.16 -0.01	22.78 0.18 0.00	21.57 0.12 -0.02	18.50 0.13 -0.09	21.16 0.04 -0.01	17.67 -0.05 -0.25	7.77 -0.02 -0.52	5.51 -0.01 -0.83	13.29 -0.03 -0.60	43.70 0.39 -0.01	86.24 1.35 -0.45	39.57 0.86 -0.17	27.03 0.49 -0.36	31.79 0.63 -0.01	31.95 0.37 -0.03	31.13 0.29 -0.03	19.49 0.23 -0.63

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.69 0.09 -22.28	24.64 -0.01 -24.97	26.41 -0.14 -30.22	24.04 -0.01 -24.39	24.42 0.34 -14.50	26.08 0.55 -11.13	27.60 1.01 -0.25	26.28 0.94 -0.33	23.41 0.81 0.00	22.78 0.81 -0.54	21.76 0.73 -2.76	22.20 0.81 -0.28	25.59 0.70 -7.42	23.11 0.31 -15.53	29.61 0.21 -24.70	31.19 0.56 -17.91	45.43 1.91 -0.22	101.73 3.82 -13.48	45.56 1.94 -5.08	38.26 1.31 -10.77	32.82 1.45 -0.21	33.69 1.41 -0.74	32.86 1.28 -0.76	38.33 0.74 -18.97
HARSNRAD_115KV_TB1 81005	8.41 0.03 -6.06	6.47 0.00 -6.79	4.47 -0.08 -8.22	6.31 0.01 -6.64	13.56 0.03 -3.94	17.39 -0.04 -3.03	26.20 -0.22 -0.07	24.83 -0.28 -0.09	22.48 -0.12 0.00	21.38 -0.19 -0.15	18.68 -0.35 -0.75	20.84 -0.35 -0.08	19.18 -0.31 -2.02	11.38 -0.11 -4.23	11.36 -0.06 -6.72	17.25 -0.34 -4.87	42.20 -1.16 -0.06	86.06 -2.04 -3.67	38.29 -1.64 -1.38	27.94 -1.17 -2.93	29.96 -1.26 -0.06	30.54 -1.21 -0.20	29.97 -1.05 -0.21	23.09 -0.69 -5.16
HARZA MOOSE__RIVER 24016	4.14 -0.05 -1.87	1.79 0.01 -2.09	-1.05 0.10 -2.53	1.72 0.01 -2.04	10.72 -0.07 -1.21	15.33 0.00 -0.93	26.36 -0.01 -0.02	25.11 0.07 -0.03	22.76 0.16 0.00	21.54 0.06 -0.05	18.49 -0.02 -0.23	21.12 -0.02 -0.02	17.89 -0.20 -0.62	8.39 -0.18 -1.30	6.63 -0.13 -2.07	14.16 -0.07 -1.50	43.48 0.16 -0.02	85.82 0.26 -1.13	38.72 -0.25 -0.43	27.14 0.06 -0.90	30.92 -0.25 -0.02	31.48 -0.13 -0.06	30.90 0.02 -0.06	20.33 0.12 -1.59
HDSNBRDG_115KV_BRDG_TB1 355580	6.90 0.00 -4.58	4.82 0.00 -5.14	2.54 0.00 -6.22	4.69 0.00 -5.02	12.54 -0.02 -2.98	16.66 -0.03 -2.29	26.36 -0.04 -0.05	25.03 -0.05 -0.07	22.56 -0.03 0.00	21.53 -0.01 -0.11	18.79 -0.05 -0.57	21.14 -0.03 -0.06	18.97 -0.02 -1.53	10.45 0.00 -3.19	9.77 0.00 -5.08	16.38 -0.03 -3.68	43.27 -0.08 -0.05	87.28 0.07 -2.77	39.47 -0.12 -1.04	28.28 -0.12 -2.21	31.02 -0.18 -0.04	31.47 -0.23 -0.15	30.72 -0.25 -0.16	22.37 -0.15 -3.90
HELLGATE_13_KV_LD 55870	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.76 0.60 -11.75	27.69 1.08 -0.26	26.34 0.98 -0.35	23.48 0.89 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.97 -0.30	26.12 0.81 -7.84	24.02 0.35 -16.41	31.02 0.22 -26.09	32.22 0.58 -18.92	45.46 1.93 -0.23	102.40 3.72 -14.24	45.84 1.94 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.77 1.44 -0.78	32.95 1.33 -0.81	39.41 0.75 -20.04
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.76 0.60 -11.75	27.69 1.08 -0.26	26.34 0.98 -0.35	23.48 0.89 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.97 -0.30	26.12 0.81 -7.84	24.02 0.35 -16.41	31.02 0.22 -26.09	32.22 0.58 -18.92	45.46 1.93 -0.23	102.40 3.72 -14.24	45.84 1.94 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.77 1.44 -0.78	32.95 1.33 -0.81	39.41 0.75 -20.04
HEMPSTEAD____ 23647	25.99 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.01 -25.77	25.36 0.45 -15.32	26.91 0.75 -11.76	28.00 1.39 -0.26	26.58 1.22 -0.35	23.68 1.08 0.00	23.04 1.04 -0.57	22.94 1.11 -3.56	24.04 1.22 -1.71	29.45 1.04 -10.94	31.35 0.48 -23.60	35.49 0.31 -30.48	35.03 0.78 -21.52	46.09 2.56 -0.23	119.50 4.65 -30.42	46.38 2.45 -5.38	39.26 1.70 -11.38	33.29 1.91 -0.22	34.28 1.95 -0.79	33.46 1.84 -0.81	49.36 1.11 -29.63
HEWLETT__69_KV_BK3 55828	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.22 -31.93	25.42 -0.02 -25.77	25.45 0.55 -15.32	27.06 0.90 -11.76	28.28 1.68 -0.26	26.82 1.46 -0.35	23.91 1.31 0.00	23.27 1.27 -0.57	24.68 1.35 -5.06	29.53 1.50 -6.91	41.11 1.26 -22.38	43.02 0.56 -35.19	44.52 0.37 -39.45	39.82 0.94 -26.16	46.68 3.14 -0.23	121.99 5.64 -31.90	46.86 2.94 -5.38	39.60 2.03 -11.38	33.66 2.28 -0.22	34.66 2.33 -0.79	33.83 2.20 -0.81	55.17 1.35 -35.20
HICKLING____1 23621	10.89 0.03 -8.54	9.26 0.00 -9.57	7.86 -0.06 -11.59	9.03 0.01 -9.35	15.27 0.13 -5.56	18.83 0.15 -4.27	26.83 0.39 -0.09	25.38 0.24 -0.13	22.79 0.19 0.00	21.82 0.18 -0.21	19.32 -0.01 -1.06	21.22 0.00 -0.11	20.41 0.09 -2.84	13.31 0.09 -5.96	14.24 0.07 -9.47	19.68 0.09 -6.87	43.74 0.35 -0.08	91.12 1.52 -5.17	40.77 0.28 -1.95	30.37 0.06 -4.13	31.14 -0.09 -0.08	31.61 -0.21 -0.28	30.83 -0.28 -0.29	25.83 -0.07 -7.27
HICKLING____2 23622	10.89 0.03 -8.54	9.26 0.00 -9.57	7.86 -0.06 -11.59	9.03 0.01 -9.35	15.27 0.13 -5.56	18.83 0.15 -4.27	26.83 0.39 -0.09	25.38 0.24 -0.13	22.79 0.19 0.00	21.82 0.18 -0.21	19.32 -0.01 -1.06	21.22 0.00 -0.11	20.41 0.09 -2.84	13.31 0.09 -5.96	14.24 0.07 -9.47	19.68 0.09 -6.87	43.74 0.35 -0.08	91.12 1.52 -5.17	40.77 0.28 -1.95	30.37 0.06 -4.13	31.14 -0.09 -0.08	31.61 -0.21 -0.28	30.83 -0.28 -0.29	25.83 -0.07 -7.27
HIGH FALLS____HY 23754	26.13 0.09 -23.72	26.26 -0.01 -26.58	28.37 -0.13 -32.18	25.63 -0.01 -25.97	25.35 0.33 -15.44	26.79 0.54 -11.85	27.63 1.02 -0.27	26.33 0.96 -0.35	23.44 0.84 0.00	22.78 0.77 -0.58	21.87 0.66 -2.94	22.09 0.69 -0.30	25.95 0.59 -7.90	24.07 0.26 -16.54	31.20 0.19 -26.31	32.26 0.47 -19.07	45.30 1.76 -0.23	102.46 3.67 -14.35	45.84 1.89 -5.41	38.93 1.28 -11.46	32.83 1.45 -0.22	33.95 1.61 -0.79	33.09 1.46 -0.81	39.64 0.82 -20.20
HILLBURN____GT 23639	24.95 0.09 -22.54	24.94 -0.01 -25.26	26.77 -0.13 -30.58	24.34 -0.02 -24.68	24.57 0.32 -14.67	26.19 0.52 -11.26	27.55 0.96 -0.25	26.23 0.88 -0.34	23.35 0.75 0.00	22.75 0.77 -0.55	21.77 0.71 -2.79	22.18 0.79 -0.28	25.65 0.68 -7.51	23.29 0.30 -15.72	29.90 0.20 -25.00	31.36 0.51 -18.12	45.26 1.74 -0.22	101.51 3.43 -13.64	45.49 1.81 -5.14	38.30 1.23 -10.89	32.71 1.34 -0.21	33.59 1.29 -0.75	32.75 1.16 -0.77	38.48 0.67 -19.20
HILLSIDE_115KV_TB1 80332	11.17 0.00 -8.84	9.60 0.00 -9.91	8.31 -0.01 -12.00	9.36 0.01 -9.68	15.34 0.00 -5.76	18.79 -0.03 -4.42	26.45 0.01 -0.10	25.01 -0.13 -0.13	22.44 -0.16 0.00	21.54 -0.10 -0.22	19.12 -0.24 -1.10	20.97 -0.25 -0.11	20.28 -0.13 -2.95	13.42 -0.01 -6.16	14.50 0.00 -9.81	19.73 -0.11 -7.11	43.04 -0.35 -0.09	90.04 0.25 -5.35	40.29 -0.26 -2.02	30.14 -0.31 -4.27	30.76 -0.48 -0.08	31.25 -0.59 -0.30	30.48 -0.64 -0.30	25.87 -0.28 -7.53
HISHELDN_WT_PWR 323625	9.06 0.02 -6.72	7.22 0.00 -7.54	5.39 -0.06 -9.12	7.04 0.01 -7.36	14.01 0.05 -4.38	17.75 -0.01 -3.36	26.41 -0.01 -0.07	24.97 -0.14 -0.10	22.54 -0.05 0.00	21.44 -0.15 -0.16	18.80 -0.31 -0.83	20.89 -0.30 -0.08	19.51 -0.20 -2.24	11.91 -0.04 -4.69	12.13 -0.02 -7.46	17.89 -0.24 -5.41	42.62 -0.75 -0.07	87.52 -0.98 -4.07	38.98 -1.09 -1.53	28.55 -0.88 -3.25	30.12 -1.10 -0.06	30.63 -1.14 -0.22	30.00 -1.05 -0.23	23.77 -0.58 -5.73
HOLTSVILLE_IC_1 23690	26.04 0.19 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.53 0.63 -15.32	27.17 1.01 -11.76	28.51 1.90 -0.26	26.98 1.62 -0.35	24.04 1.44 0.00	23.31 1.31 -0.57	22.70 1.42 -3.02	22.43 1.53 0.20	25.48 1.27 -6.74	26.69 0.59 -18.83	31.77 0.38 -26.68	33.16 1.03 -19.41	46.98 3.44 -0.24	116.12 6.45 -25.23	47.17 3.26 -5.38	39.80 2.24 -11.38	33.87 2.49 -0.22	34.94 2.61 -0.79	34.06 2.44 -0.82	49.15 1.49 -29.04

HOLTSVILLE_IC_10 23699	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.57 0.67 -15.32	27.24 1.08 -11.76	28.64 2.03 -0.26	27.10 1.73 -0.35	24.15 1.55 0.00	23.41 1.41 -0.57	22.79 1.49 -3.03	22.55 1.61 0.17	25.63 1.34 -6.82	26.81 0.63 -18.92	31.86 0.40 -26.75	33.26 1.09 -19.45	47.25 3.70 -0.24	116.77 7.02 -25.31	47.44 3.52 -5.38	39.97 2.41 -11.38	34.06 2.69 -0.22	35.14 2.81 -0.79	34.24 2.62 -0.82	49.27 1.59 -29.06
HOLTSVILLE_IC_2 23691	26.04 0.19 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.53 0.63 -15.32	27.17 1.01 -11.76	28.51 1.90 -0.26	26.98 1.62 -0.35	24.04 1.44 0.00	23.31 1.31 -0.57	22.70 1.42 -3.02	22.43 1.53 0.20	25.48 1.27 -6.74	26.69 0.59 -18.83	31.77 0.38 -26.68	33.16 1.03 -19.41	46.98 3.44 -0.24	116.12 6.45 -25.23	47.17 3.26 -5.38	39.80 2.24 -11.38	33.87 2.49 -0.22	34.94 2.61 -0.79	34.06 2.44 -0.82	49.15 1.49 -29.04
HOLTSVILLE_IC_3 23692	26.04 0.19 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.53 0.63 -15.32	27.17 1.01 -11.76	28.51 1.90 -0.26	26.98 1.62 -0.35	24.04 1.44 0.00	23.31 1.31 -0.57	22.70 1.42 -3.02	22.43 1.53 0.20	25.48 1.27 -6.74	26.69 0.59 -18.83	31.77 0.38 -26.68	33.16 1.03 -19.41	46.98 3.44 -0.24	116.12 6.45 -25.23	47.17 3.26 -5.38	39.80 2.24 -11.38	33.87 2.49 -0.22	34.94 2.61 -0.79	34.06 2.44 -0.82	49.15 1.49 -29.04
HOLTSVILLE_IC_4 23693	26.04 0.19 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.53 0.63 -15.32	27.17 1.01 -11.76	28.51 1.90 -0.26	26.98 1.62 -0.35	24.04 1.44 0.00	23.31 1.31 -0.57	22.70 1.42 -3.02	22.43 1.53 0.20	25.48 1.27 -6.74	26.69 0.59 -18.83	31.77 0.38 -26.68	33.16 1.03 -19.41	46.98 3.44 -0.24	116.12 6.45 -25.23	47.17 3.26 -5.38	39.80 2.24 -11.38	33.87 2.49 -0.22	34.94 2.61 -0.79	34.06 2.44 -0.82	49.15 1.49 -29.04
HOLTSVILLE_IC_5 23694	26.04 0.19 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.53 0.63 -15.32	27.17 1.01 -11.76	28.51 1.90 -0.26	26.98 1.62 -0.35	24.04 1.44 0.00	23.31 1.31 -0.57	22.70 1.42 -3.02	22.43 1.53 0.20	25.48 1.27 -6.74	26.69 0.59 -18.83	31.77 0.38 -26.68	33.16 1.03 -19.41	46.98 3.44 -0.24	116.12 6.45 -25.23	47.17 3.26 -5.38	39.80 2.24 -11.38	33.87 2.49 -0.22	34.94 2.61 -0.79	34.06 2.44 -0.82	49.15 1.49 -29.04
HOLTSVILLE_IC_6 23695	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.57 0.67 -15.32	27.24 1.08 -11.76	28.64 2.03 -0.26	27.10 1.73 -0.35	24.15 1.55 0.00	23.41 1.41 -0.57	22.79 1.49 -3.03	22.55 1.61 0.17	25.63 1.34 -6.82	26.81 0.63 -18.92	31.86 0.40 -26.75	33.26 1.09 -19.45	47.25 3.70 -0.24	116.77 7.02 -25.31	47.44 3.52 -5.38	39.97 2.41 -11.38	34.06 2.69 -0.22	35.14 2.81 -0.79	34.24 2.62 -0.82	49.27 1.59 -29.06
HOLTSVILLE_IC_7 23696	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.57 0.67 -15.32	27.24 1.08 -11.76	28.64 2.03 -0.26	27.10 1.73 -0.35	24.15 1.55 0.00	23.41 1.41 -0.57	22.79 1.49 -3.03	22.55 1.61 0.17	25.63 1.34 -6.82	26.81 0.63 -18.92	31.86 0.40 -26.75	33.26 1.09 -19.45	47.25 3.70 -0.24	116.77 7.02 -25.31	47.44 3.52 -5.38	39.97 2.41 -11.38	34.06 2.69 -0.22	35.14 2.81 -0.79	34.24 2.62 -0.82	49.27 1.59 -29.06
HOLTSVILLE_IC_8 23697	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.57 0.67 -15.32	27.24 1.08 -11.76	28.64 2.03 -0.26	27.10 1.73 -0.35	24.15 1.55 0.00	23.41 1.41 -0.57	22.79 1.49 -3.03	22.55 1.61 0.17	25.63 1.34 -6.82	26.81 0.63 -18.92	31.86 0.40 -26.75	33.26 1.09 -19.45	47.25 3.70 -0.24	116.77 7.02 -25.31	47.44 3.52 -5.38	39.97 2.41 -11.38	34.06 2.69 -0.22	35.14 2.81 -0.79	34.24 2.62 -0.82	49.27 1.59 -29.06
HOLTSVILLE_IC_9 23698	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.57 0.67 -15.32	27.24 1.08 -11.76	28.64 2.03 -0.26	27.10 1.73 -0.35	24.15 1.55 0.00	23.41 1.41 -0.57	22.79 1.49 -3.03	22.55 1.61 0.17	25.63 1.34 -6.82	26.81 0.63 -18.92	31.86 0.40 -26.75	33.26 1.09 -19.45	47.25 3.70 -0.24	116.77 7.02 -25.31	47.44 3.52 -5.38	39.97 2.41 -11.38	34.06 2.69 -0.22	35.14 2.81 -0.79	34.24 2.62 -0.82	49.27 1.59 -29.06
HOMER_HL_115KV_TB2 355744	9.13 0.07 -6.74	7.23 -0.01 -7.55	5.33 -0.13 -9.14	7.05 0.00 -7.38	14.23 0.27 -4.39	18.12 0.35 -3.36	27.12 0.70 -0.07	25.54 0.43 -0.10	23.00 0.41 0.00	21.96 0.37 -0.16	19.27 0.16 -0.84	21.44 0.24 -0.08	20.01 0.30 -2.24	12.09 0.12 -4.70	12.24 0.07 -7.47	18.14 0.00 -5.42	43.46 0.09 -0.07	89.24 0.73 -4.08	39.81 -0.27 -1.54	29.18 -0.26 -3.26	30.87 -0.35 -0.06	31.51 -0.25 -0.22	30.87 -0.18 -0.23	24.22 -0.13 -5.74
HOWARD_WT_PWR 323690	9.79 0.00 -7.47	8.06 0.00 -8.37	6.45 -0.01 -10.14	7.85 0.01 -8.18	14.50 0.06 -4.86	18.01 -0.12 -3.73	26.70 0.27 -0.08	25.12 0.00 -0.11	22.60 0.00 0.00	21.43 -0.18 -0.18	18.80 -0.39 -0.93	20.73 -0.48 -0.09	19.69 -0.27 -2.49	12.46 -0.02 -5.21	13.00 0.02 -8.28	18.73 0.00 -6.01	43.38 0.00 -0.07	89.32 0.36 -4.52	40.15 -0.10 -1.70	29.62 -0.17 -3.61	30.56 -0.67 -0.07	30.84 -0.95 -0.25	30.08 -0.99 -0.26	24.54 -0.44 -6.36
HQ_GEN_CEDARS 23644	3.27 -0.11 -1.06	0.89 0.01 -1.19	-2.04 0.21 -1.44	0.82 -0.01 -1.16	9.74 -0.53 -0.69	13.94 -0.99 -0.53	24.35 -2.01 -0.01	23.47 -1.56 -0.02	21.40 -1.20 0.00	20.05 -1.41 -0.03	17.38 -1.03 -0.13	20.11 -1.01 -0.01	16.90 -0.92 -0.35	7.58 -0.42 -0.74	5.57 -0.31 -1.17	12.72 -0.85 -0.85	40.63 -2.68 -0.01	77.26 -7.82 -0.64	36.10 -2.69 -0.24	25.12 -1.57 -0.51	30.14 -1.03 -0.01	31.11 -0.47 -0.04	30.59 -0.26 -0.04	19.49 -0.03 -0.90
HQ_GEN_CEDARS_PROXY 323590	3.27 -0.11 -1.06	0.89 0.01 -1.19	-2.04 0.21 -1.44	0.82 -0.01 -1.16	9.74 -0.53 -0.69	13.94 -0.99 -0.53	24.34 -2.02 -0.01	23.47 -1.56 -0.02	21.40 -1.20 0.00	20.39 -1.41 -0.37	17.38 -1.03 -0.13	20.11 -1.01 -0.01	16.90 -0.92 -0.35	7.58 -0.42 -0.74	5.57 -0.31 -1.17	12.72 -0.85 -0.85	40.64 -2.68 -0.01	77.26 -7.82 -0.64	36.10 -2.69 -0.24	25.12 -1.57 -0.51	30.14 -1.03 -0.01	31.12 -0.46 -0.04	30.59 -0.26 -0.04	19.49 -0.03 -0.90
HQ_GEN_IMPORT 323601	2.32 0.00 0.00	-0.67 0.00 0.36	-4.06 0.00 0.38	-0.33 0.00 0.00	9.58 0.00 0.00	14.40 0.00 0.00	26.34 0.00 0.00	25.01 0.00 0.00	22.60 0.00 0.00	21.43 0.00 0.00	18.27 0.00 0.00	21.11 0.00 0.00	17.47 0.00 0.00	7.27 0.00 0.00	4.70 0.00 0.00	12.72 0.00 0.00	43.30 0.00 0.00	84.44 0.00 0.00	38.32 0.00 0.22	26.18 0.00 0.00	31.16 0.00 0.00	31.54 0.00 0.00	30.81 0.00 0.00	18.62 0.00 0.00
HQ_GEN_WHEEL 23651	2.32 0.00 0.00	-0.67 0.00 0.36	-4.06 0.00 0.38	-0.33 0.00 0.00	9.58 0.00 0.00	14.40 0.00 0.00	26.34 0.00 0.00	25.01 0.00 0.00	22.60 0.00 0.00	21.43 0.00 0.00	18.27 0.00 0.00	21.11 0.00 0.00	17.47 0.00 0.00	7.27 0.00 0.00	4.70 0.00 0.00	12.72 0.00 0.00	43.30 0.00 0.00	84.44 0.00 0.00	38.32 0.00 0.22	26.18 0.00 0.00	31.16 0.00 0.00	31.54 0.00 0.00	30.81 0.00 0.00	18.62 0.00 0.00

HUDSON AVE_GT_3 23810	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.92	25.42 -0.01 -25.76	25.25 0.35 -15.32	26.75 0.59 -11.75	27.70 1.09 -0.26	26.34 0.98 -0.35	23.47 0.88 0.00	22.90 0.89 -0.57	22.03 0.85 -2.92	22.34 0.94 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.47 1.94 -0.23	102.41 3.74 -14.24	45.87 1.97 -5.36	38.91 1.35 -11.37	32.89 1.51 -0.22	33.80 1.47 -0.78	32.97 1.35 -0.81	39.43 0.77 -20.04
HUDSON AVE_GT_4 23540	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.92	25.42 -0.01 -25.76	25.25 0.35 -15.32	26.75 0.59 -11.75	27.70 1.09 -0.26	26.34 0.98 -0.35	23.47 0.88 0.00	22.90 0.89 -0.57	22.03 0.85 -2.92	22.34 0.94 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.47 1.94 -0.23	102.41 3.74 -14.24	45.87 1.97 -5.36	38.91 1.35 -11.37	32.89 1.51 -0.22	33.80 1.47 -0.78	32.97 1.35 -0.81	39.43 0.77 -20.04
HUDSON AVE_GT_5 23657	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.92	25.42 -0.01 -25.76	25.25 0.35 -15.32	26.75 0.59 -11.75	27.70 1.09 -0.26	26.34 0.98 -0.35	23.47 0.88 0.00	22.90 0.89 -0.57	22.03 0.85 -2.92	22.34 0.94 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.47 1.94 -0.23	102.41 3.74 -14.24	45.87 1.97 -5.36	38.91 1.35 -11.37	32.89 1.51 -0.22	33.80 1.47 -0.78	32.97 1.35 -0.81	39.43 0.77 -20.04
HUDSON_AVE_10 24168	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.12 -31.92	25.42 -0.01 -25.76	25.21 0.31 -15.32	26.69 0.53 -11.75	27.56 0.96 -0.26	26.23 0.87 -0.35	23.37 0.77 0.00	22.80 0.80 -0.57	21.95 0.76 -2.92	22.24 0.84 -0.30	26.03 0.73 -7.84	23.99 0.31 -16.41	30.99 0.20 -26.09	32.16 0.51 -18.92	45.21 1.68 -0.23	102.01 3.34 -14.24	45.71 1.80 -5.36	38.80 1.25 -11.37	32.76 1.39 -0.22	33.66 1.34 -0.78	32.85 1.23 -0.81	39.35 0.70 -20.04
HUDSON___115KV_TB 4 355613	30.05 0.14 -27.60	30.60 -0.02 -30.93	33.56 -0.20 -37.44	29.87 -0.01 -30.21	28.12 0.58 -17.96	29.07 0.88 -13.78	28.32 1.66 -0.31	27.03 1.60 -0.41	23.91 1.31 0.00	23.34 1.24 -0.67	22.64 0.95 -3.42	22.50 1.04 -0.34	27.53 0.87 -9.19	26.91 0.40 -19.24	35.55 0.25 -30.60	35.75 0.84 -22.19	46.58 3.01 -0.27	106.94 5.81 -16.70	47.47 2.64 -6.29	41.31 1.79 -13.34	33.55 2.13 -0.26	34.55 2.08 -0.92	33.84 2.07 -0.95	43.25 1.14 -23.50
HUNTER MOUNT___DRP 323613	29.45 0.15 -26.97	29.90 -0.02 -30.23	32.68 -0.23 -36.60	29.19 -0.01 -29.53	27.80 0.66 -17.56	28.89 1.01 -13.47	28.54 1.89 -0.30	27.26 1.84 -0.40	24.13 1.53 0.00	23.52 1.43 -0.66	22.69 1.07 -3.34	22.64 1.19 -0.34	27.43 0.97 -8.98	26.54 0.46 -18.81	34.90 0.30 -29.91	35.41 1.00 -21.69	47.15 3.58 -0.26	107.71 6.95 -16.32	47.80 3.11 -6.15	41.32 2.10 -13.04	33.91 2.50 -0.25	34.88 2.44 -0.90	34.17 2.43 -0.93	42.92 1.33 -22.97
HUNTINGTON_RES_REC 323705	26.03 0.17 -23.54	26.04 -0.02 -26.38	28.02 -0.23 -31.93	25.42 -0.02 -25.77	25.48 0.58 -15.32	27.10 0.94 -11.76	28.37 1.76 -0.26	26.88 1.52 -0.35	23.95 1.35 0.00	23.25 1.24 -0.57	22.65 1.35 -3.03	22.42 1.48 0.17	25.53 1.24 -6.82	26.77 0.58 -18.93	31.83 0.37 -26.76	33.15 0.97 -19.45	46.81 3.27 -0.24	115.94 6.15 -25.35	47.01 3.08 -5.38	39.69 2.13 -11.38	33.73 2.35 -0.22	34.79 2.46 -0.79	33.93 2.30 -0.82	49.08 1.41 -29.05
HUNTLEY___63 23557	8.54 0.05 -6.17	6.59 -0.01 -6.91	4.60 -0.10 -8.37	6.43 0.00 -6.76	13.68 0.08 -4.02	17.53 0.04 -3.08	26.40 -0.02 -0.07	25.02 -0.08 -0.09	22.64 0.04 0.00	21.55 -0.03 -0.15	18.82 -0.21 -0.77	21.00 -0.19 -0.08	19.35 -0.18 -2.06	11.51 -0.06 -4.30	11.51 -0.03 -6.85	17.42 -0.26 -4.96	42.45 -0.91 -0.06	86.61 -1.56 -3.73	38.54 -1.41 -1.41	28.15 -1.02 -2.98	30.13 -1.09 -0.06	30.70 -1.05 -0.21	30.13 -0.90 -0.21	23.27 -0.60 -5.26
HUNTLEY___64 23558	8.54 0.05 -6.17	6.59 -0.01 -6.91	4.60 -0.10 -8.37	6.43 0.00 -6.76	13.68 0.08 -4.02	17.53 0.04 -3.08	26.40 -0.02 -0.07	25.02 -0.08 -0.09	22.64 0.04 0.00	21.55 -0.03 -0.15	18.82 -0.21 -0.77	21.00 -0.19 -0.08	19.35 -0.18 -2.06	11.51 -0.06 -4.30	11.51 -0.03 -6.85	17.42 -0.26 -4.96	42.45 -0.91 -0.06	86.61 -1.56 -3.73	38.54 -1.41 -1.41	28.15 -1.02 -2.98	30.13 -1.09 -0.06	30.70 -1.05 -0.21	30.13 -0.90 -0.21	23.27 -0.60 -5.26
HUNTLEY___65 23559	8.54 0.05 -6.17	6.59 -0.01 -6.91	4.60 -0.10 -8.37	6.43 0.00 -6.76	13.68 0.08 -4.02	17.53 0.04 -3.08	26.40 -0.02 -0.07	25.02 -0.08 -0.09	22.64 0.04 0.00	21.55 -0.03 -0.15	18.82 -0.21 -0.77	21.00 -0.19 -0.08	19.35 -0.18 -2.06	11.51 -0.06 -4.30	11.51 -0.03 -6.85	17.42 -0.26 -4.96	42.45 -0.91 -0.06	86.61 -1.56 -3.73	38.54 -1.41 -1.41	28.15 -1.02 -2.98	30.13 -1.09 -0.06	30.70 -1.05 -0.21	30.13 -0.90 -0.21	23.27 -0.60 -5.26
HUNTLEY___66 23560	8.54 0.05 -6.17	6.59 -0.01 -6.91	4.60 -0.10 -8.37	6.43 0.00 -6.76	13.68 0.08 -4.02	17.53 0.04 -3.08	26.40 -0.02 -0.07	25.02 -0.08 -0.09	22.64 0.04 0.00	21.55 -0.03 -0.15	18.82 -0.21 -0.77	21.00 -0.19 -0.08	19.35 -0.18 -2.06	11.51 -0.06 -4.30	11.51 -0.03 -6.85	17.42 -0.26 -4.96	42.45 -0.91 -0.06	86.61 -1.56 -3.73	38.54 -1.41 -1.41	28.15 -1.02 -2.98	30.13 -1.09 -0.06	30.70 -1.05 -0.21	30.13 -0.90 -0.21	23.27 -0.60 -5.26
HUNTLEY___67 23561	8.60 0.03 -6.25	6.69 0.00 -7.00	4.72 -0.08 -8.48	6.51 0.00 -6.84	13.70 0.05 -4.07	17.51 -0.02 -3.12	26.27 -0.14 -0.07	24.88 -0.22 -0.09	22.51 -0.09 0.00	21.42 -0.16 -0.15	18.73 -0.32 -0.77	20.87 -0.32 -0.08	19.29 -0.26 -2.08	11.54 -0.08 -4.36	11.58 -0.04 -6.93	17.44 -0.31 -5.02	42.28 -1.09 -0.06	86.35 -1.87 -3.78	38.41 -1.55 -1.42	28.07 -1.13 -3.02	30.00 -1.22 -0.06	30.58 -1.17 -0.21	30.00 -1.02 -0.21	23.29 -0.65 -5.32
HUNTLEY___68 23562	8.60 0.03 -6.25	6.69 0.00 -7.00	4.72 -0.08 -8.48	6.51 0.00 -6.84	13.70 0.05 -4.07	17.51 -0.02 -3.12	26.27 -0.14 -0.07	24.88 -0.22 -0.09	22.51 -0.09 0.00	21.42 -0.16 -0.15	18.73 -0.32 -0.77	20.87 -0.32 -0.08	19.29 -0.26 -2.08	11.54 -0.08 -4.36	11.58 -0.04 -6.93	17.44 -0.31 -5.02	42.28 -1.09 -0.06	86.35 -1.87 -3.78	38.41 -1.55 -1.42	28.07 -1.13 -3.02	30.00 -1.22 -0.06	30.58 -1.17 -0.21	30.00 -1.02 -0.21	23.29 -0.65 -5.32
HYLAND___LFGE 323620	9.07 0.12 -6.63	7.10 -0.02 -7.43	5.11 -0.20 -9.00	6.92 -0.01 -7.26	14.37 0.48 -4.32	18.38 0.66 -3.31	27.80 1.38 -0.07	26.37 1.26 -0.10	23.72 1.12 0.00	22.33 0.74 -0.16	19.50 0.40 -0.82	21.72 0.52 -0.08	20.09 0.41 -2.21	12.14 0.25 -4.62	12.22 0.17 -7.35	18.48 0.43 -5.33	45.40 2.03 -0.06	93.18 4.73 -4.01	41.78 1.73 -1.51	30.50 1.12 -3.20	32.38 1.16 -0.06	32.80 1.04 -0.22	32.01 0.97 -0.23	24.84 0.58 -5.65
INDECK___CORINTH 23802	31.74 0.16 -29.26	32.46 -0.02 -32.79	35.78 -0.24 -39.70	31.68 -0.03 -32.03	29.24 0.61 -19.05	29.97 0.95 -14.61	28.49 1.82 -0.33	27.23 1.78 -0.44	24.13 1.54 0.00	23.56 1.41 -0.71	22.96 1.06 -3.63	22.77 1.30 -0.37	28.31 1.10 -9.74	28.07 0.40 -20.40	37.43 0.28 -32.45	36.97 0.72 -23.52	46.17 2.59 -0.28	107.11 4.97 -17.70	47.47 2.26 -6.67	41.82 1.50 -14.14	33.18 1.75 -0.28	34.37 1.85 -0.98	33.74 1.92 -1.01	44.89 1.35 -24.92

INDECK___ILION 23567	3.07 0.00 -0.75	0.53 0.00 -0.84	-2.67 0.00 -1.01	0.49 0.00 -0.82	10.09 0.02 -0.49	14.84 0.06 -0.37	26.51 0.16 -0.01	25.19 0.16 -0.01	22.74 0.15 0.00	21.57 0.12 -0.02	18.48 0.11 -0.09	21.21 0.09 -0.01	17.78 0.06 -0.25	7.82 0.03 -0.52	5.54 0.02 -0.83	13.38 0.05 -0.60	43.73 0.42 -0.01	85.85 0.96 -0.45	39.25 0.54 -0.17	26.88 0.33 -0.36	31.58 0.42 -0.01	31.92 0.34 -0.03	31.14 0.30 -0.03	19.45 0.20 -0.63
INDECK___OLEAN 23982	9.12 0.07 -6.74	7.23 -0.01 -7.55	5.34 -0.13 -9.14	7.05 0.00 -7.38	14.23 0.26 -4.39	18.13 0.36 -3.36	27.13 0.71 -0.07	25.54 0.43 -0.10	23.00 0.41 0.00	21.96 0.36 -0.16	19.27 0.16 -0.84	21.44 0.24 -0.08	20.01 0.29 -2.24	12.08 0.12 -4.70	12.24 0.07 -7.47	18.14 0.00 -5.42	43.45 0.08 -0.07	89.24 0.73 -4.08	39.81 -0.27 -1.54	29.18 -0.26 -3.26	30.88 -0.34 -0.06	31.51 -0.26 -0.22	30.87 -0.17 -0.23	24.22 -0.14 -5.74
INDECK___OSWEGO 23783	6.35 -0.04 -4.07	4.26 0.00 -4.56	1.91 0.06 -5.52	4.13 0.01 -4.46	12.07 -0.15 -2.65	16.22 -0.22 -2.03	26.00 -0.39 -0.05	24.69 -0.38 -0.06	22.27 -0.33 0.00	21.22 -0.30 -0.10	18.48 -0.30 -0.50	20.82 -0.34 -0.05	18.53 -0.30 -1.35	9.97 -0.13 -2.84	9.12 -0.09 -4.51	15.78 -0.22 -3.27	42.61 -0.74 -0.04	85.66 -1.24 -2.46	38.76 -0.71 -0.93	27.67 -0.48 -1.97	30.56 -0.63 -0.04	31.01 -0.68 -0.14	30.29 -0.67 -0.14	21.70 -0.39 -3.47
INDECK___YERKES 23781	8.54 0.05 -6.17	6.59 -0.01 -6.91	4.59 -0.10 -8.37	6.43 0.00 -6.76	13.68 0.09 -4.02	17.54 0.05 -3.08	26.42 0.00 -0.07	25.03 -0.07 -0.09	22.66 0.07 0.00	21.56 -0.02 -0.15	18.83 -0.21 -0.77	21.01 -0.17 -0.08	19.36 -0.17 -2.06	11.51 -0.06 -4.30	11.51 -0.03 -6.85	17.44 -0.25 -4.96	42.47 -0.89 -0.06	86.69 -1.48 -3.73	38.57 -1.38 -1.41	28.17 -1.00 -2.98	30.14 -1.07 -0.06	30.72 -1.03 -0.21	30.15 -0.87 -0.21	23.29 -0.59 -5.26
INDIAN POINT_GT_1 24139	25.73 0.09 -23.32	25.81 -0.01 -26.14	27.84 -0.13 -31.64	25.19 -0.01 -25.53	25.07 0.31 -15.18	26.57 0.51 -11.65	27.55 0.94 -0.26	26.22 0.86 -0.35	23.35 0.75 0.00	22.75 0.75 -0.57	21.87 0.71 -2.89	22.19 0.79 -0.29	25.91 0.67 -7.77	23.82 0.30 -16.26	30.76 0.20 -25.86	31.99 0.52 -18.75	45.27 1.74 -0.23	101.94 3.40 -14.11	45.63 1.77 -5.32	38.66 1.21 -11.27	32.72 1.35 -0.22	33.63 1.31 -0.78	32.82 1.21 -0.80	39.17 0.69 -19.86
INDIAN POINT_GT_2 23659	25.73 0.09 -23.32	25.81 -0.01 -26.14	27.84 -0.13 -31.64	25.19 -0.01 -25.53	25.07 0.31 -15.18	26.57 0.51 -11.65	27.55 0.94 -0.26	26.22 0.86 -0.35	23.35 0.75 0.00	22.75 0.75 -0.57	21.87 0.71 -2.89	22.19 0.79 -0.29	25.91 0.67 -7.77	23.82 0.30 -16.26	30.76 0.20 -25.86	31.99 0.52 -18.75	45.27 1.74 -0.23	101.94 3.40 -14.11	45.63 1.77 -5.32	38.66 1.21 -11.27	32.72 1.35 -0.22	33.63 1.31 -0.78	32.82 1.21 -0.80	39.17 0.69 -19.86
INDIAN POINT_GT_3 24019	25.73 0.09 -23.32	25.81 -0.01 -26.14	27.84 -0.13 -31.64	25.19 -0.01 -25.53	25.07 0.31 -15.18	26.57 0.51 -11.65	27.55 0.94 -0.26	26.22 0.86 -0.35	23.35 0.75 0.00	22.75 0.75 -0.57	21.87 0.71 -2.89	22.19 0.79 -0.29	25.91 0.67 -7.77	23.82 0.30 -16.26	30.76 0.20 -25.86	31.99 0.52 -18.75	45.27 1.74 -0.23	101.94 3.40 -14.11	45.63 1.77 -5.32	38.66 1.21 -11.27	32.72 1.35 -0.22	33.63 1.31 -0.78	32.82 1.21 -0.80	39.17 0.69 -19.86
INDIAN POINT___2 23530	25.44 0.09 -23.04	25.50 -0.01 -25.82	27.45 -0.12 -31.25	24.88 -0.01 -25.22	24.88 0.31 -14.99	26.41 0.50 -11.51	27.52 0.92 -0.26	26.20 0.84 -0.34	23.32 0.73 0.00	22.73 0.74 -0.56	21.81 0.69 -2.86	22.16 0.76 -0.29	25.80 0.66 -7.67	23.62 0.29 -16.06	30.44 0.19 -25.54	31.74 0.50 -18.52	45.20 1.68 -0.22	101.66 3.28 -13.94	45.52 1.73 -5.25	38.49 1.18 -11.13	32.67 1.30 -0.22	33.57 1.26 -0.77	32.76 1.15 -0.79	38.90 0.66 -19.61
INDIAN POINT___3 23531	25.74 0.09 -23.34	25.83 -0.01 -26.15	27.85 -0.12 -31.66	25.20 -0.01 -25.54	25.08 0.31 -15.19	26.57 0.51 -11.66	27.54 0.93 -0.26	26.21 0.85 -0.35	23.33 0.74 0.00	22.75 0.75 -0.57	21.87 0.70 -2.89	22.18 0.77 -0.29	25.91 0.67 -7.77	23.83 0.30 -16.27	30.77 0.20 -25.87	31.99 0.51 -18.76	45.24 1.71 -0.23	101.87 3.32 -14.12	45.60 1.74 -5.32	38.64 1.19 -11.28	32.70 1.32 -0.22	33.61 1.28 -0.78	32.79 1.18 -0.80	39.17 0.68 -19.87
INGHAM_C_115KV_TB7 356103	3.07 0.00 -0.75	0.53 0.00 -0.84	-2.68 -0.01 -1.01	0.49 0.00 -0.82	10.11 0.04 -0.49	14.90 0.12 -0.37	26.71 0.36 -0.01	25.35 0.32 -0.01	22.88 0.28 0.00	21.69 0.24 -0.02	18.58 0.22 -0.09	21.26 0.14 -0.01	17.80 0.08 -0.25	7.84 0.06 -0.52	5.56 0.04 -0.83	13.41 0.09 -0.60	44.13 0.82 -0.01	87.03 2.15 -0.45	39.88 1.17 -0.17	27.25 0.71 -0.36	32.01 0.85 -0.01	32.20 0.64 -0.03	31.38 0.54 -0.03	19.61 0.36 -0.63
IP CORINTH___1 23988	31.74 0.16 -29.26	32.46 -0.02 -32.79	35.78 -0.24 -39.70	31.68 -0.03 -32.03	29.24 0.61 -19.05	29.97 0.95 -14.61	28.49 1.82 -0.33	27.23 1.78 -0.44	24.13 1.54 0.00	23.55 1.41 -0.71	22.96 1.06 -3.63	22.77 1.30 -0.37	28.31 1.09 -9.74	28.07 0.40 -20.40	37.43 0.28 -32.45	36.97 0.72 -23.52	46.17 2.59 -0.28	107.11 4.97 -17.70	47.47 2.26 -6.67	41.82 1.50 -14.14	33.18 1.75 -0.28	34.37 1.85 -0.98	33.74 1.92 -1.01	44.89 1.35 -24.92
IP___TICONDEROGA 23804	31.83 0.28 -29.22	32.41 -0.03 -32.75	35.53 -0.43 -39.64	31.61 -0.05 -31.99	29.73 1.13 -19.02	30.76 1.76 -14.59	30.03 3.35 -0.33	28.58 3.13 -0.44	25.39 2.79 0.00	24.65 2.50 -0.71	23.78 1.89 -3.62	23.78 2.30 -0.36	29.06 1.86 -9.73	28.34 0.70 -20.37	37.59 0.49 -32.40	37.51 1.29 -23.49	48.39 4.80 -0.28	111.23 9.11 -17.68	49.10 3.90 -6.66	42.86 2.55 -14.12	34.39 2.96 -0.28	35.81 3.29 -0.97	35.04 3.23 -1.00	45.59 2.08 -24.88
ISLIP_RES_REC 323679	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.60 0.70 -15.32	27.29 1.13 -11.76	28.73 2.13 -0.26	27.19 1.83 -0.35	24.24 1.64 0.00	23.48 1.48 -0.57	22.85 1.55 -3.03	22.63 1.67 0.14	25.74 1.39 -6.88	26.90 0.65 -18.98	31.92 0.42 -26.80	33.35 1.15 -19.47	47.44 3.90 -0.24	117.24 7.44 -25.36	47.63 3.72 -5.38	40.10 2.54 -11.38	34.21 2.83 -0.22	35.29 2.96 -0.79	34.37 2.74 -0.82	49.35 1.66 -29.07
JAMAICA___27_KV_LOAD 355505	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.12 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.73 0.57 -11.75	27.63 1.02 -0.26	26.32 0.95 -0.35	23.45 0.85 0.00	22.89 0.88 -0.57	22.00 0.80 -2.92	22.31 0.90 -0.30	26.11 0.80 -7.84	24.01 0.34 -16.41	30.99 0.20 -26.09	32.17 0.53 -18.92	45.25 1.71 -0.23	102.31 3.64 -14.24	45.92 2.01 -5.36	38.96 1.41 -11.37	32.96 1.58 -0.22	33.84 1.51 -0.78	33.04 1.42 -0.81	39.45 0.79 -20.04
JANIS___SOLAR 323808	11.17 0.09 -8.76	9.50 -0.01 -9.82	8.06 -0.15 -11.89	9.25 -0.01 -9.60	15.66 0.37 -5.71	19.34 0.55 -4.38	27.72 1.27 -0.10	26.39 1.25 -0.13	23.69 1.09 0.00	22.62 0.97 -0.21	20.11 0.74 -1.09	22.05 0.83 -0.11	21.04 0.65 -2.92	13.67 0.30 -6.11	14.61 0.19 -9.72	20.34 0.56 -7.05	45.83 2.44 -0.08	95.57 5.83 -5.31	42.91 2.38 -2.00	31.93 1.51 -4.24	32.84 1.60 -0.08	33.25 1.41 -0.29	32.49 1.37 -0.30	26.87 0.78 -7.46

JARVIS____ 23743	3.06 -0.01 -0.75	0.53 0.00 -0.84	-2.65 0.02 -1.01	0.49 0.00 -0.82	10.04 -0.03 -0.49	14.75 -0.03 -0.37	26.29 -0.07 -0.01	24.98 -0.04 -0.01	22.57 -0.02 0.00	21.41 -0.04 -0.02	18.33 -0.03 -0.09	21.08 -0.04 -0.01	17.67 -0.05 -0.25	7.76 -0.03 -0.52	5.51 -0.02 -0.83	13.29 -0.03 -0.60	43.22 -0.09 -0.01	84.64 -0.25 -0.45	38.63 -0.08 -0.17	26.49 -0.05 -0.36	31.14 -0.03 -0.01	31.58 0.01 -0.03	30.87 0.03 -0.03	19.28 0.02 -0.63
JENNISON____1 23625	12.94 0.06 -10.56	11.51 -0.01 -11.83	10.53 -0.11 -14.33	11.21 -0.02 -11.56	16.68 0.23 -6.87	19.96 0.28 -5.27	27.34 0.87 -0.12	26.14 0.98 -0.16	23.50 0.91 0.00	22.47 0.79 -0.26	20.15 0.57 -1.31	21.80 0.56 -0.13	21.34 0.35 -3.52	14.78 0.15 -7.36	16.51 0.11 -11.71	21.67 0.45 -8.49	45.32 1.92 -0.10	95.92 5.10 -6.39	42.88 1.94 -2.41	32.43 1.15 -5.10	32.37 1.12 -0.10	32.81 0.91 -0.35	32.16 0.99 -0.36	28.29 0.68 -8.99
JENNISON____2 23626	12.94 0.06 -10.56	11.51 -0.01 -11.83	10.53 -0.11 -14.33	11.21 -0.02 -11.56	16.68 0.23 -6.87	19.96 0.28 -5.27	27.34 0.87 -0.12	26.14 0.98 -0.16	23.50 0.91 0.00	22.47 0.79 -0.26	20.15 0.57 -1.31	21.80 0.56 -0.13	21.34 0.35 -3.52	14.78 0.15 -7.36	16.51 0.11 -11.71	21.67 0.45 -8.49	45.32 1.92 -0.10	95.92 5.10 -6.39	42.88 1.94 -2.41	32.43 1.15 -5.10	32.37 1.12 -0.10	32.81 0.91 -0.35	32.16 0.99 -0.36	28.29 0.68 -8.99
JERICHO_RISE_WT_PWR 323719	3.15 -0.16 -0.99	0.82 0.02 -1.11	-2.02 0.32 -1.35	0.76 0.00 -1.09	9.45 -0.78 -0.65	13.46 -1.44 -0.49	23.54 -2.82 -0.01	22.87 -2.16 -0.02	21.07 -1.53 0.00	19.80 -1.66 -0.02	17.08 -1.32 -0.12	19.74 -1.38 -0.01	16.52 -1.28 -0.33	7.40 -0.56 -0.69	5.39 -0.41 -1.10	12.43 -1.09 -0.80	40.26 -3.05 -0.01	77.27 -7.77 -0.60	36.12 -2.65 -0.23	25.04 -1.62 -0.48	29.99 -1.18 -0.01	30.66 -0.92 -0.03	29.89 -0.96 -0.03	19.13 -0.33 -0.85
KATONAH____115KV_46KV_TB4 355592	26.24 0.10 -23.82	26.37 -0.01 -26.69	28.49 -0.15 -32.32	25.73 -0.01 -26.08	25.46 0.38 -15.50	26.91 0.61 -11.90	27.74 1.13 -0.27	26.41 1.05 -0.36	23.53 0.93 0.00	22.94 0.93 -0.58	22.09 0.87 -2.95	22.37 0.96 -0.30	26.23 0.83 -7.93	24.23 0.36 -16.61	31.35 0.24 -26.41	32.51 0.63 -19.15	45.68 2.14 -0.23	103.08 4.23 -14.41	46.10 2.13 -5.43	39.15 1.46 -11.51	33.03 1.65 -0.22	33.95 1.61 -0.79	33.15 1.51 -0.82	39.76 0.87 -20.28
KCE_NY_1 323755	31.62 0.12 -29.18	32.37 -0.01 -32.70	35.72 -0.19 -39.59	31.60 -0.02 -31.95	29.09 0.52 -18.99	29.75 0.77 -14.57	28.14 1.47 -0.33	26.84 1.39 -0.44	23.80 1.21 0.00	23.27 1.13 -0.71	22.80 0.91 -3.62	22.55 1.07 -0.36	28.11 0.93 -9.71	27.98 0.38 -20.35	37.31 0.25 -32.36	36.89 0.71 -23.46	46.09 2.50 -0.28	106.84 4.75 -17.65	47.39 2.19 -6.65	41.77 1.48 -14.10	33.17 1.74 -0.28	34.31 1.79 -0.97	33.58 1.77 -1.00	44.58 1.11 -24.85
KCE_NY_6_ESR 323823	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.13 -4.16	17.71 0.11 -3.19	26.57 0.15 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.94 -0.12 -0.79	21.11 -0.08 -0.08	19.53 -0.06 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.68 -0.18 -5.13	42.79 -0.57 -0.06	87.60 -0.69 -3.86	38.95 -1.04 -1.46	28.45 -0.82 -3.09	30.33 -0.88 -0.06	30.91 -0.84 -0.21	30.30 -0.74 -0.22	23.59 -0.46 -5.44
KEDC_PORT_JEFF_GT2 24210	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.21 1.05 -11.76	28.59 1.98 -0.26	27.06 1.69 -0.35	24.12 1.52 0.00	23.38 1.37 -0.57	22.76 1.47 -3.02	22.51 1.59 0.18	25.58 1.32 -6.79	26.77 0.62 -18.89	31.82 0.40 -26.73	33.23 1.07 -19.43	47.16 3.62 -0.24	116.58 6.86 -25.29	47.36 3.44 -5.38	39.91 2.35 -11.38	34.00 2.62 -0.22	35.08 2.75 -0.79	34.19 2.56 -0.82	49.22 1.55 -29.05
KEDC_PORT_JEFF_GT3 24211	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.21 1.05 -11.76	28.59 1.98 -0.26	27.06 1.69 -0.35	24.12 1.52 0.00	23.38 1.37 -0.57	22.76 1.47 -3.02	22.51 1.59 0.18	25.58 1.32 -6.79	26.77 0.62 -18.89	31.82 0.40 -26.73	33.23 1.07 -19.43	47.16 3.62 -0.24	116.58 6.86 -25.29	47.36 3.44 -5.38	39.91 2.35 -11.38	34.00 2.62 -0.22	35.08 2.75 -0.79	34.19 2.56 -0.82	49.22 1.55 -29.05
KEDC_GLWD_GT4 24219	25.99 0.13 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.02 -25.77	25.36 0.46 -15.32	26.92 0.75 -11.76	28.01 1.40 -0.26	26.61 1.25 -0.35	23.71 1.11 0.00	23.08 1.08 -0.57	22.84 1.10 -3.47	23.72 1.22 -1.39	28.74 1.04 -10.23	30.91 0.47 -23.18	35.21 0.30 -30.21	34.95 0.77 -21.46	46.10 2.56 -0.24	122.19 4.86 -32.89	46.41 2.48 -5.39	39.28 1.71 -11.39	33.30 1.93 -0.22	34.25 1.92 -0.79	33.44 1.82 -0.81	48.41 1.08 -28.71
KEDC_GLWD_GT5 24220	25.99 0.13 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.02 -25.77	25.36 0.46 -15.32	26.92 0.75 -11.76	28.01 1.40 -0.26	26.61 1.25 -0.35	23.71 1.11 0.00	23.08 1.08 -0.57	22.84 1.10 -3.47	23.72 1.22 -1.39	28.74 1.04 -10.23	30.91 0.47 -23.18	35.21 0.30 -30.21	34.95 0.77 -21.46	46.10 2.56 -0.24	122.19 4.86 -32.89	46.41 2.48 -5.39	39.28 1.71 -11.39	33.30 1.93 -0.22	34.25 1.92 -0.79	33.44 1.82 -0.81	48.41 1.08 -28.71
KENSICO____ 23655	25.91 0.09 -23.49	26.00 -0.01 -26.33	28.06 -0.13 -31.87	25.38 -0.01 -25.72	25.21 0.33 -15.29	26.69 0.55 -11.73	27.62 1.01 -0.26	26.28 0.92 -0.35	23.41 0.81 0.00	22.82 0.82 -0.57	21.95 0.77 -2.91	22.26 0.85 -0.29	26.02 0.73 -7.82	23.97 0.33 -16.38	30.96 0.22 -26.05	32.17 0.56 -18.89	45.40 1.87 -0.23	102.29 3.64 -14.21	45.78 1.88 -5.35	38.82 1.29 -11.35	32.81 1.43 -0.22	33.73 1.40 -0.78	32.92 1.30 -0.81	39.37 0.75 -20.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.99 0.10 -22.57	24.97 -0.01 -25.30	26.80 -0.14 -30.62	24.37 -0.01 -24.71	24.63 0.35 -14.69	26.25 0.57 -11.27	27.68 1.08 -0.25	26.37 1.03 -0.34	23.48 0.88 0.00	22.80 0.82 -0.55	21.75 0.69 -2.80	22.11 0.72 -0.28	25.60 0.61 -7.51	23.28 0.27 -15.74	29.93 0.20 -25.03	31.35 0.48 -18.15	45.32 1.80 -0.22	101.81 3.72 -13.66	45.58 1.89 -5.15	38.37 1.28 -10.91	32.82 1.45 -0.21	33.97 1.67 -0.75	33.11 1.52 -0.78	38.69 0.85 -19.22
KIAC_JFK_GT1 23816	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.12 -31.92	25.42 -0.01 -25.76	25.20 0.30 -15.32	26.69 0.53 -11.75	27.54 0.93 -0.26	26.23 0.86 -0.35	23.37 0.77 0.00	22.81 0.81 -0.57	21.94 0.75 -2.92	22.24 0.84 -0.30	26.06 0.75 -7.84	23.99 0.32 -16.41	30.98 0.19 -26.09	32.13 0.48 -18.92	45.08 1.55 -0.23	102.01 3.33 -14.24	45.77 1.86 -5.36	38.85 1.30 -11.37	32.83 1.46 -0.22	33.72 1.39 -0.78	32.92 1.30 -0.81	39.38 0.72 -20.04
KIAC_JFK_GT2 23817	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.12 -31.92	25.42 -0.01 -25.76	25.20 0.30 -15.32	26.69 0.53 -11.75	27.54 0.93 -0.26	26.23 0.86 -0.35	23.37 0.77 0.00	22.81 0.81 -0.57	21.94 0.75 -2.92	22.24 0.84 -0.30	26.06 0.75 -7.84	23.99 0.32 -16.41	30.98 0.19 -26.09	32.13 0.48 -18.92	45.08 1.55 -0.23	102.01 3.33 -14.24	45.77 1.86 -5.36	38.85 1.30 -11.37	32.83 1.46 -0.22	33.72 1.39 -0.78	32.92 1.30 -0.81	39.38 0.72 -20.04

KIAC_JFK____ 323774	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.12 -31.92	25.42 -0.01 -25.76	25.20 0.30 -15.32	26.69 0.53 -11.75	27.54 0.93 -0.26	26.23 0.86 -0.35	23.37 0.77 0.00	22.82 0.81 -0.57	21.94 0.75 -2.92	22.24 0.84 -0.30	26.06 0.75 -7.84	23.99 0.32 -16.41	30.98 0.19 -26.09	32.13 0.49 -18.92	45.08 1.55 -0.23	101.99 3.31 -14.24	45.76 1.86 -5.36	38.85 1.30 -11.37	32.84 1.46 -0.22	33.72 1.39 -0.78	32.92 1.30 -0.81	39.38 0.72 -20.04
KINTIGH____ 23543	8.12 0.03 -5.76	6.15 0.00 -6.46	4.07 -0.07 -7.82	5.98 0.00 -6.31	13.38 0.05 -3.75	17.27 -0.01 -2.88	26.26 -0.15 -0.06	24.87 -0.23 -0.09	22.48 -0.12 0.00	21.41 -0.16 -0.14	18.71 -0.28 -0.71	20.91 -0.27 -0.07	19.17 -0.22 -1.92	11.21 -0.08 -4.02	11.06 -0.03 -6.39	17.13 -0.23 -4.63	42.50 -0.86 -0.06	86.40 -1.53 -3.49	38.58 -1.28 -1.31	28.04 -0.92 -2.79	30.23 -0.98 -0.05	30.81 -0.93 -0.19	30.21 -0.80 -0.20	23.02 -0.50 -4.91
KNTFSRNC_46_KV_46KV_LOAD 80397	3.16 -0.13 -0.97	0.79 0.02 -1.09	-2.10 0.27 -1.31	0.73 0.00 -1.06	9.55 -0.66 -0.63	13.65 -1.24 -0.48	23.91 -2.44 -0.01	23.24 -1.79 -0.01	21.46 -1.14 0.00	20.20 -1.25 -0.02	17.35 -1.05 -0.12	20.11 -1.01 -0.01	16.79 -1.01 -0.32	7.50 -0.44 -0.68	5.43 -0.34 -1.07	12.64 -0.87 -0.78	41.19 -2.13 -0.01	79.23 -5.79 -0.59	36.95 -1.81 -0.22	25.60 -1.05 -0.47	30.65 -0.51 -0.01	31.28 -0.29 -0.03	30.45 -0.39 -0.03	19.48 0.04 -0.82
LACHUTE____HYDRO 323717	31.83 0.28 -29.22	32.41 -0.03 -32.75	35.53 -0.43 -39.64	31.61 -0.05 -31.99	29.73 1.13 -19.02	30.76 1.76 -14.59	30.03 3.36 -0.33	28.58 3.13 -0.44	25.39 2.79 0.00	24.65 2.50 -0.71	23.78 1.89 -3.62	23.78 2.30 -0.36	29.06 1.86 -9.73	28.34 0.70 -20.37	37.59 0.49 -32.40	37.51 1.29 -23.49	48.39 4.80 -0.28	111.23 9.11 -17.68	49.10 3.90 -6.66	42.86 2.55 -14.12	34.40 2.97 -0.28	35.80 3.29 -0.97	35.04 3.23 -1.00	45.59 2.08 -24.88
LAWRNCV_115KV_TB1 80681	3.44 -0.12 -1.25	1.10 0.01 -1.40	-1.77 0.22 -1.69	1.03 0.00 -1.36	9.85 -0.54 -0.81	14.04 -0.98 -0.62	24.36 -2.00 -0.02	23.48 -1.55 -0.02	21.42 -1.18 0.00	20.08 -1.38 -0.03	17.38 -1.05 -0.15	20.07 -1.05 -0.02	16.91 -0.98 -0.42	7.67 -0.46 -0.87	5.74 -0.34 -1.38	12.86 -0.87 -1.00	40.69 -2.63 -0.01	77.76 -7.43 -0.75	36.19 -2.63 -0.28	25.26 -1.52 -0.60	30.07 -1.10 -0.01	31.00 -0.58 -0.04	30.47 -0.39 -0.04	19.61 -0.07 -1.06
LEDERLE____ 23769	25.17 0.10 -22.75	25.17 -0.01 -25.50	27.05 -0.14 -30.87	24.57 -0.01 -24.91	24.73 0.35 -14.81	26.33 0.56 -11.36	27.63 1.04 -0.25	26.30 0.95 -0.34	23.42 0.82 0.00	22.82 0.83 -0.55	21.86 0.76 -2.82	22.25 0.85 -0.28	25.77 0.73 -7.58	23.45 0.33 -15.86	30.15 0.22 -25.23	31.58 0.56 -18.29	45.40 1.88 -0.22	101.95 3.75 -13.77	45.66 1.93 -5.19	38.49 1.31 -10.99	32.82 1.45 -0.21	33.70 1.40 -0.76	32.86 1.27 -0.78	38.72 0.73 -19.37
LIGHTHSE_115KV_TB6 355974	6.08 -0.05 -3.82	3.97 0.01 -4.28	1.59 0.09 -5.18	3.86 0.01 -4.18	11.94 -0.13 -2.48	16.18 -0.13 -1.91	26.12 -0.27 -0.04	24.84 -0.23 -0.06	22.43 -0.17 0.00	21.35 -0.17 -0.09	18.52 -0.23 -0.47	20.84 -0.31 -0.05	18.38 -0.37 -1.27	9.71 -0.21 -2.66	8.79 -0.14 -4.23	15.58 -0.21 -3.07	42.81 -0.53 -0.04	85.97 -0.78 -2.31	38.80 -0.62 -0.87	27.67 -0.36 -1.85	30.60 -0.59 -0.04	31.07 -0.60 -0.13	30.42 -0.53 -0.13	21.62 -0.25 -3.25
LINDEN COGEN____ 23786	25.94 0.09 -23.53	26.05 -0.01 -26.37	28.13 -0.11 -31.92	25.42 -0.01 -25.76	25.18 0.28 -15.32	26.64 0.48 -11.75	27.47 0.86 -0.26	26.14 0.78 -0.35	23.28 0.68 0.00	22.72 0.72 -0.57	21.88 0.69 -2.92	22.17 0.76 -0.30	25.96 0.65 -7.84	23.96 0.29 -16.41	30.98 0.19 -26.09	32.11 0.47 -18.92	45.07 1.54 -0.23	101.61 2.93 -14.24	45.52 1.62 -5.36	38.67 1.12 -11.37	32.61 1.23 -0.22	33.52 1.19 -0.78	32.71 1.09 -0.81	39.27 0.62 -20.04
LINDHRST_69_KV_BK1 356055	26.04 0.18 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.52 0.62 -15.32	27.16 1.00 -11.76	28.48 1.88 -0.26	27.01 1.64 -0.35	24.06 1.47 0.00	23.36 1.35 -0.57	22.94 1.46 -3.21	23.18 1.59 -0.48	27.03 1.32 -8.25	28.35 0.61 -20.47	33.08 0.40 -27.98	33.87 1.03 -20.12	46.99 3.45 -0.24	117.39 6.43 -26.52	47.20 3.28 -5.38	39.81 2.25 -11.38	33.90 2.53 -0.22	34.96 2.62 -0.79	34.07 2.45 -0.82	49.51 1.50 -29.39
LIPA_MISC_IPP 23656	26.05 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.56 0.66 -15.32	27.22 1.06 -11.76	28.61 2.00 -0.26	27.06 1.69 -0.35	24.12 1.52 0.00	23.37 1.36 -0.57	22.78 1.49 -3.02	22.52 1.61 0.20	25.53 1.31 -6.76	26.72 0.61 -18.85	31.79 0.40 -26.69	33.22 1.08 -19.42	47.18 3.64 -0.24	116.63 6.94 -25.25	47.40 3.48 -5.38	39.94 2.38 -11.38	34.03 2.65 -0.22	35.12 2.79 -0.79	34.22 2.59 -0.82	49.24 1.57 -29.05
LISF____SOLAR 323691	26.06 0.20 -23.54	26.04 -0.02 -26.38	27.99 -0.27 -31.93	25.42 -0.02 -25.77	25.58 0.68 -15.32	27.25 1.08 -11.76	28.66 2.05 -0.26	27.09 1.72 -0.35	24.15 1.55 0.00	23.38 1.38 -0.57	22.76 1.48 -3.02	22.50 1.58 0.19	25.55 1.31 -6.77	26.74 0.61 -18.86	31.80 0.40 -26.71	33.24 1.10 -19.42	47.26 3.73 -0.24	116.78 7.09 -25.26	47.47 3.55 -5.38	39.99 2.43 -11.38	34.09 2.71 -0.22	35.18 2.85 -0.79	34.28 2.65 -0.82	49.27 1.60 -29.05
LITTLE FALLS____HYD 24013	3.07 0.00 -0.75	0.53 0.00 -0.84	-2.68 -0.01 -1.01	0.49 0.00 -0.82	10.11 0.04 -0.49	14.90 0.12 -0.37	26.71 0.36 -0.01	25.35 0.32 -0.01	22.88 0.28 0.00	21.69 0.24 -0.02	18.58 0.22 -0.09	21.26 0.14 -0.01	17.80 0.08 -0.25	7.84 0.06 -0.52	5.56 0.04 -0.83	13.41 0.09 -0.60	44.13 0.82 -0.01	87.03 2.15 -0.45	39.88 1.17 -0.17	27.25 0.71 -0.36	32.01 0.85 -0.01	32.20 0.64 -0.03	31.38 0.54 -0.03	19.61 0.36 -0.63
LITTLRIV_115KV_TB1 356100	3.50 -0.10 -1.28	1.13 0.01 -1.43	-1.76 0.19 -1.73	1.06 -0.01 -1.40	9.96 -0.45 -0.83	14.19 -0.85 -0.64	24.63 -1.73 -0.02	23.75 -1.28 -0.02	21.67 -0.93 0.00	20.29 -1.18 -0.03	17.54 -0.89 -0.16	20.26 -0.87 -0.02	17.07 -0.82 -0.43	7.76 -0.40 -0.89	5.82 -0.29 -1.42	13.00 -0.75 -1.03	41.20 -2.12 -0.01	78.85 -6.36 -0.77	36.70 -2.13 -0.29	25.59 -1.20 -0.62	30.47 -0.70 -0.01	31.40 -0.18 -0.04	30.85 -0.01 -0.04	19.85 0.14 -1.09
LI_NEWBRDGE____DRP 323616	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.07 -0.18 -31.93	25.42 -0.02 -25.77	25.36 0.46 -15.32	26.92 0.75 -11.76	28.02 1.42 -0.26	26.58 1.22 -0.35	23.68 1.08 0.00	23.04 1.03 -0.57	22.35 1.17 -2.91	21.85 1.29 0.55	24.53 1.07 -5.98	25.75 0.49 -18.00	31.03 0.32 -26.02	32.56 0.79 -19.05	46.12 2.58 -0.24	113.69 4.74 -24.52	46.39 2.47 -5.38	39.27 1.71 -11.38	33.28 1.90 -0.22	34.29 1.96 -0.79	33.47 1.84 -0.82	48.65 1.14 -28.89
LOCKPORT_115KV_TB60_63_64 80432	8.38 0.03 -6.03	6.45 0.00 -6.76	4.43 -0.07 -8.18	6.28 0.01 -6.60	13.53 0.03 -3.93	17.38 -0.04 -3.01	26.19 -0.22 -0.07	24.83 -0.27 -0.09	22.48 -0.11 0.00	21.39 -0.18 -0.15	18.68 -0.34 -0.75	20.84 -0.34 -0.08	19.17 -0.31 -2.01	11.36 -0.11 -4.21	11.33 -0.06 -6.69	17.23 -0.34 -4.85	42.22 -1.15 -0.06	86.08 -2.01 -3.65	38.30 -1.61 -1.38	27.94 -1.15 -2.92	29.98 -1.23 -0.06	30.55 -1.20 -0.20	29.98 -1.04 -0.21	23.07 -0.69 -5.14

LOCKPORT___CC1 323769	8.41 0.03 -6.06	6.48 0.00 -6.79	4.47 -0.07 -8.22	6.31 0.01 -6.64	13.55 0.03 -3.94	17.39 -0.04 -3.03	26.19 -0.22 -0.07	24.83 -0.28 -0.09	22.48 -0.12 0.00	21.38 -0.20 -0.15	18.68 -0.35 -0.75	20.84 -0.35 -0.08	19.18 -0.31 -2.02	11.38 -0.11 -4.23	11.36 -0.06 -6.72	17.25 -0.35 -4.87	42.20 -1.16 -0.06	86.06 -2.05 -3.67	38.28 -1.64 -1.38	27.94 -1.17 -2.93	29.96 -1.25 -0.06	30.53 -1.21 -0.20	29.97 -1.05 -0.21	23.09 -0.69 -5.16
LOCKPORT___CC2 323770	8.41 0.03 -6.06	6.48 0.00 -6.79	4.47 -0.07 -8.22	6.31 0.01 -6.64	13.55 0.03 -3.94	17.39 -0.04 -3.03	26.19 -0.22 -0.07	24.83 -0.28 -0.09	22.48 -0.12 0.00	21.38 -0.20 -0.15	18.68 -0.35 -0.75	20.84 -0.35 -0.08	19.18 -0.31 -2.02	11.38 -0.11 -4.23	11.36 -0.06 -6.72	17.25 -0.35 -4.87	42.20 -1.16 -0.06	86.06 -2.05 -3.67	38.28 -1.64 -1.38	27.94 -1.17 -2.93	29.96 -1.25 -0.06	30.53 -1.21 -0.20	29.97 -1.05 -0.21	23.09 -0.69 -5.16
LOCKPORT___CC3 323771	8.41 0.03 -6.06	6.48 0.00 -6.79	4.47 -0.07 -8.22	6.31 0.01 -6.64	13.55 0.03 -3.94	17.39 -0.04 -3.03	26.19 -0.22 -0.07	24.83 -0.28 -0.09	22.48 -0.12 0.00	21.38 -0.20 -0.15	18.68 -0.35 -0.75	20.84 -0.35 -0.08	19.18 -0.31 -2.02	11.38 -0.11 -4.23	11.36 -0.06 -6.72	17.25 -0.35 -4.87	42.20 -1.16 -0.06	86.06 -2.05 -3.67	38.28 -1.64 -1.38	27.94 -1.17 -2.93	29.96 -1.25 -0.06	30.53 -1.21 -0.20	29.97 -1.05 -0.21	23.09 -0.69 -5.16
LONG LAKE PHOENIX 24014	6.52 -0.02 -4.22	4.42 0.00 -4.73	2.08 0.03 -5.72	4.30 0.00 -4.62	12.24 -0.09 -2.75	16.39 -0.13 -2.11	26.17 -0.22 -0.05	24.85 -0.22 -0.06	22.40 -0.19 0.00	21.37 -0.16 -0.10	18.63 -0.17 -0.52	20.99 -0.18 -0.05	18.73 -0.15 -1.41	10.14 -0.07 -2.94	9.33 -0.05 -4.68	15.99 -0.12 -3.39	42.92 -0.42 -0.04	86.40 -0.60 -2.55	39.08 -0.43 -0.96	27.91 -0.31 -2.04	30.79 -0.41 -0.04	31.21 -0.47 -0.14	30.48 -0.48 -0.14	21.92 -0.29 -3.59
LOVETT___3 23632	25.23 0.09 -22.83	25.26 -0.01 -25.58	27.17 -0.12 -30.97	24.65 -0.01 -24.99	24.74 0.30 -14.86	26.30 0.49 -11.40	27.50 0.90 -0.25	26.17 0.82 -0.34	23.30 0.70 0.00	22.70 0.71 -0.56	21.77 0.67 -2.83	22.14 0.74 -0.28	25.71 0.64 -7.60	23.47 0.29 -15.92	30.20 0.19 -25.31	31.56 0.49 -18.35	45.16 1.63 -0.22	101.47 3.23 -13.81	45.44 1.70 -5.20	38.37 1.16 -11.03	32.63 1.27 -0.21	33.53 1.22 -0.76	32.71 1.11 -0.78	38.70 0.64 -19.44
LOVETT___4 23642	25.23 0.09 -22.83	25.26 -0.01 -25.58	27.17 -0.12 -30.97	24.65 -0.01 -24.99	24.74 0.30 -14.86	26.30 0.49 -11.40	27.50 0.90 -0.25	26.17 0.82 -0.34	23.30 0.70 0.00	22.70 0.71 -0.56	21.77 0.67 -2.83	22.14 0.74 -0.28	25.71 0.64 -7.60	23.47 0.29 -15.92	30.20 0.19 -25.31	31.56 0.49 -18.35	45.16 1.63 -0.22	101.47 3.23 -13.81	45.44 1.70 -5.20	38.37 1.16 -11.03	32.63 1.27 -0.21	33.53 1.22 -0.76	32.71 1.11 -0.78	38.70 0.64 -19.44
LOVETT___5 23593	25.23 0.09 -22.83	25.26 -0.01 -25.58	27.17 -0.12 -30.97	24.65 -0.01 -24.99	24.74 0.30 -14.86	26.30 0.49 -11.40	27.50 0.90 -0.25	26.17 0.82 -0.34	23.30 0.70 0.00	22.70 0.71 -0.56	21.77 0.67 -2.83	22.14 0.74 -0.28	25.71 0.64 -7.60	23.47 0.29 -15.92	30.20 0.19 -25.31	31.56 0.49 -18.35	45.16 1.63 -0.22	101.47 3.23 -13.81	45.44 1.70 -5.20	38.37 1.16 -11.03	32.63 1.27 -0.21	33.53 1.22 -0.76	32.71 1.11 -0.78	38.70 0.64 -19.44
LOWER RAQUET___HYD 24057	3.50 -0.13 -1.30	1.16 0.01 -1.46	-1.68 0.23 -1.77	1.10 0.00 -1.43	9.88 -0.55 -0.85	14.08 -0.98 -0.65	24.35 -2.01 -0.02	23.49 -1.54 -0.02	21.43 -1.17 0.00	20.09 -1.37 -0.03	17.38 -1.05 -0.16	20.07 -1.06 -0.02	16.91 -1.00 -0.43	7.70 -0.48 -0.91	5.80 -0.34 -1.45	12.89 -0.88 -1.05	40.72 -2.60 -0.01	77.93 -7.30 -0.79	36.22 -2.62 -0.30	25.30 -1.51 -0.63	30.06 -1.11 -0.01	30.97 -0.62 -0.04	30.44 -0.42 -0.05	19.64 -0.09 -1.11
LOWER___HUDSON 24059	31.09 0.07 -28.70	31.84 -0.01 -32.16	35.13 -0.12 -38.94	31.08 -0.01 -31.42	28.59 0.33 -18.68	29.25 0.51 -14.33	27.59 0.93 -0.32	26.31 0.88 -0.43	23.35 0.75 0.00	22.84 0.71 -0.70	22.41 0.58 -3.56	22.14 0.67 -0.36	27.61 0.58 -9.55	27.52 0.24 -20.01	36.69 0.17 -31.82	36.28 0.49 -23.07	45.22 1.64 -0.28	104.82 3.02 -17.36	46.53 1.44 -6.54	41.04 0.99 -13.87	32.63 1.20 -0.27	33.76 1.26 -0.96	33.04 1.25 -0.99	43.79 0.73 -24.44
LOWVILLE_115KV_TB2 356335	4.24 -0.11 -2.02	1.97 0.01 -2.27	-0.75 0.19 -2.75	1.91 0.02 -2.22	10.69 -0.20 -1.32	15.27 -0.14 -1.01	26.07 -0.30 -0.02	24.85 -0.19 -0.03	22.58 -0.02 0.00	21.31 -0.17 -0.05	18.26 -0.27 -0.25	20.82 -0.32 -0.03	17.59 -0.55 -0.67	8.30 -0.37 -1.41	6.67 -0.27 -2.25	14.07 -0.28 -1.63	42.93 -0.40 -0.02	84.76 -0.90 -1.23	38.02 -0.98 -0.46	26.87 -0.29 -0.98	30.33 -0.84 -0.02	30.98 -0.63 -0.07	30.52 -0.36 -0.07	20.31 -0.03 -1.72
LUTHERFT_115KV_GLOB_FND_222 355753	31.62 0.12 -29.18	32.37 -0.01 -32.70	35.72 -0.19 -39.59	31.60 -0.02 -31.95	29.07 0.50 -18.99	29.74 0.76 -14.57	28.12 1.45 -0.33	26.83 1.38 -0.44	23.79 1.19 0.00	23.26 1.12 -0.71	22.80 0.91 -3.62	22.54 1.07 -0.36	28.10 0.92 -9.71	27.98 0.37 -20.35	37.31 0.25 -32.36	36.87 0.69 -23.46	46.03 2.44 -0.28	106.75 4.66 -17.65	47.34 2.15 -6.65	41.73 1.45 -14.10	33.14 1.71 -0.28	34.28 1.76 -0.97	33.55 1.74 -1.00	44.55 1.09 -24.85
LUTHERNY_35_KV_BK2 355980	31.62 0.12 -29.18	32.37 -0.01 -32.70	35.72 -0.19 -39.59	31.60 -0.02 -31.95	29.09 0.52 -18.99	29.75 0.77 -14.57	28.14 1.47 -0.33	26.84 1.39 -0.44	23.80 1.21 0.00	23.27 1.13 -0.71	22.80 0.91 -3.62	22.55 1.07 -0.36	28.11 0.92 -9.71	27.98 0.37 -20.35	37.31 0.25 -32.36	36.89 0.70 -23.46	46.09 2.51 -0.28	106.84 4.75 -17.65	47.39 2.19 -6.65	41.77 1.48 -14.10	33.17 1.74 -0.28	34.31 1.79 -0.97	33.58 1.77 -1.00	44.58 1.11 -24.85
LWR___OSWEGATCHIE_HYD 23850	3.94 -0.14 -1.75	1.67 0.02 -1.96	-1.06 0.24 -2.38	1.60 0.01 -1.92	10.27 -0.45 -1.14	14.60 -0.68 -0.88	25.00 -1.36 -0.02	23.97 -1.07 -0.03	21.81 -0.79 0.00	20.52 -0.96 -0.04	17.67 -0.82 -0.22	20.23 -0.90 -0.02	17.10 -0.96 -0.58	7.99 -0.50 -1.22	6.28 -0.36 -1.95	13.44 -0.70 -1.41	41.45 -1.87 -0.02	80.70 -4.79 -1.06	36.85 -2.09 -0.40	25.90 -1.13 -0.85	29.95 -1.22 -0.02	30.72 -0.88 -0.06	30.22 -0.65 -0.06	19.90 -0.21 -1.49
LYONS_FALL_HYD 23570	4.14 -0.05 -1.87	1.79 0.01 -2.09	-1.05 0.10 -2.53	1.72 0.01 -2.04	10.72 -0.07 -1.21	15.33 0.00 -0.93	26.36 -0.01 -0.02	25.11 0.07 -0.03	22.76 0.17 0.00	21.54 0.06 -0.05	18.49 -0.02 -0.23	21.12 -0.02 -0.02	17.89 -0.20 -0.62	8.39 -0.18 -1.30	6.63 -0.13 -2.07	14.16 -0.07 -1.50	43.48 0.16 -0.02	85.83 0.26 -1.13	38.72 -0.25 -0.43	27.14 0.06 -0.90	30.92 -0.25 -0.02	31.48 -0.13 -0.06	30.90 0.02 -0.06	20.33 0.12 -1.59
MADISON___COUNTY_LFGE 323628	5.19 0.03 -2.83	2.85 -0.01 -3.17	0.10 -0.06 -3.84	2.77 -0.01 -3.10	11.61 0.19 -1.84	16.14 0.32 -1.41	27.02 0.64 -0.03	25.70 0.64 -0.04	23.21 0.61 0.00	22.07 0.57 -0.07	19.09 0.46 -0.35	21.69 0.54 -0.04	18.82 0.41 -0.94	9.39 0.15 -1.97	7.92 0.09 -3.14	15.32 0.32 -2.28	44.63 1.30 -0.03	88.77 2.62 -1.71	40.21 1.03 -0.64	28.25 0.70 -1.37	31.91 0.73 -0.03	32.35 0.71 -0.09	31.60 0.69 -0.10	21.45 0.42 -2.41

MALONE___115KV_TB1 356076	3.27 -0.12 -1.07	0.90 0.02 -1.20	-1.98 0.25 -1.45	0.84 0.00 -1.17	9.68 -0.60 -0.70	13.81 -1.13 -0.54	24.13 -2.23 -0.02	23.41 -1.62 -0.02	21.52 -1.08 0.00	20.21 -1.24 -0.03	17.44 -0.96 -0.13	20.16 -0.96 -0.01	16.89 -0.94 -0.36	7.59 -0.42 -0.75	5.56 -0.32 -1.19	12.77 -0.82 -0.86	41.16 -2.15 -0.01	79.03 -6.05 -0.65	36.87 -1.92 -0.24	25.60 -1.11 -0.52	30.57 -0.60 -0.01	31.29 -0.29 -0.04	30.57 -0.29 -0.04	19.56 0.03 -0.91
MAPLEWOD_115KV_TB3 80458	30.96 0.07 -28.57	31.70 -0.01 -32.01	34.98 -0.11 -38.76	30.94 0.00 -31.28	28.47 0.29 -18.60	29.14 0.46 -14.27	27.49 0.83 -0.32	26.20 0.76 -0.43	23.22 0.62 0.00	22.75 0.62 -0.70	22.35 0.53 -3.54	22.08 0.61 -0.36	27.51 0.52 -9.51	27.41 0.22 -19.92	36.52 0.14 -31.68	36.11 0.41 -22.97	44.94 1.36 -0.28	104.22 2.50 -17.28	46.26 1.20 -6.51	40.82 0.83 -13.81	32.43 1.01 -0.27	33.50 1.01 -0.95	32.82 1.02 -0.98	43.51 0.56 -24.33
MAPLE_RIDGE_WT_1 323574	2.83 -0.09 -0.61	0.38 0.01 -0.68	-2.70 0.16 -0.82	0.34 0.00 -0.67	9.63 -0.35 -0.39	14.13 -0.58 -0.30	25.20 -1.15 -0.01	24.10 -0.92 -0.01	21.88 -0.72 0.00	20.61 -0.83 -0.02	17.70 -0.64 -0.07	20.45 -0.67 -0.01	17.02 -0.66 -0.20	7.37 -0.32 -0.42	5.15 -0.22 -0.67	12.70 -0.51 -0.49	41.72 -1.59 -0.01	80.67 -4.14 -0.37	36.98 -1.70 -0.14	25.35 -1.12 -0.29	30.16 -1.00 -0.01	30.82 -0.75 -0.02	30.28 -0.55 -0.02	18.90 -0.24 -0.52
MAPLE_RIDGE_WT_2 323611	2.83 -0.09 -0.61	0.38 0.01 -0.68	-2.70 0.16 -0.82	0.34 0.00 -0.67	9.63 -0.35 -0.39	14.13 -0.58 -0.30	25.20 -1.15 -0.01	24.10 -0.92 -0.01	21.88 -0.72 0.00	20.61 -0.83 -0.02	17.70 -0.64 -0.07	20.45 -0.67 -0.01	17.02 -0.66 -0.20	7.37 -0.32 -0.42	5.15 -0.22 -0.67	12.70 -0.51 -0.49	41.72 -1.59 -0.01	80.67 -4.14 -0.37	36.98 -1.70 -0.14	25.35 -1.12 -0.29	30.16 -1.00 -0.01	30.82 -0.75 -0.02	30.28 -0.55 -0.02	18.90 -0.24 -0.52
MARBLE_RIVER_WT_PWR 323696	3.12 -0.16 -0.96	0.78 0.02 -1.08	-2.07 0.31 -1.30	0.73 0.00 -1.05	9.43 -0.78 -0.63	13.45 -1.43 -0.48	23.54 -2.81 -0.01	22.87 -2.15 -0.01	21.11 -1.49 0.00	19.86 -1.60 -0.02	17.10 -1.29 -0.12	19.78 -1.34 -0.01	16.53 -1.26 -0.32	7.38 -0.55 -0.67	5.35 -0.41 -1.07	12.42 -1.08 -0.77	40.40 -2.92 -0.01	77.57 -7.44 -0.58	36.22 -2.54 -0.22	25.09 -1.55 -0.46	30.06 -1.10 -0.01	30.70 -0.88 -0.03	29.86 -0.98 -0.03	19.13 -0.31 -0.82
MARSHVLE_115KV_TB1 80742	38.03 0.10 -35.61	39.59 -0.01 -39.91	44.49 -0.15 -48.32	38.65 -0.02 -38.99	33.16 0.40 -23.18	32.87 0.67 -17.79	28.03 1.29 -0.40	26.81 1.27 -0.53	23.82 1.22 0.00	23.42 1.12 -0.87	23.66 0.98 -4.41	22.70 1.15 -0.45	30.17 0.84 -11.86	32.41 0.31 -24.83	44.40 0.21 -39.49	41.99 0.63 -28.63	45.84 2.19 -0.35	110.57 4.59 -21.55	48.76 2.10 -8.12	44.80 1.41 -17.21	33.11 1.61 -0.33	34.45 1.71 -1.19	33.67 1.63 -1.22	49.92 0.97 -30.33
MARSH_HILL_WT_PWR 323713	9.74 -0.01 -7.43	8.02 0.00 -8.32	6.39 0.00 -10.08	7.81 0.01 -8.13	14.46 0.05 -4.83	17.98 -0.14 -3.71	26.65 0.22 -0.08	25.07 -0.05 -0.11	22.54 -0.06 0.00	21.39 -0.22 -0.18	18.77 -0.43 -0.92	20.69 -0.51 -0.09	19.65 -0.30 -2.47	12.41 -0.03 -5.18	12.95 0.01 -8.24	18.66 -0.03 -5.97	43.30 -0.08 -0.07	89.11 0.18 -4.49	40.06 -0.18 -1.69	29.54 -0.23 -3.59	30.49 -0.73 -0.07	30.77 -1.03 -0.25	30.02 -1.05 -0.25	24.48 -0.47 -6.33
MCINTYRE_115KV_TB2 80467	3.46 -0.09 -1.23	1.08 0.01 -1.38	-1.85 0.17 -1.67	1.01 -0.01 -1.35	9.97 -0.41 -0.80	14.22 -0.80 -0.61	24.73 -1.63 -0.02	23.86 -1.17 -0.02	21.74 -0.86 0.00	20.31 -1.15 -0.03	17.56 -0.86 -0.15	20.30 -0.82 -0.02	17.11 -0.77 -0.41	7.75 -0.37 -0.86	5.79 -0.27 -1.36	12.99 -0.72 -0.99	41.35 -1.97 -0.01	79.04 -6.14 -0.75	36.88 -1.94 -0.28	25.69 -1.08 -0.60	30.67 -0.49 -0.01	31.63 0.05 -0.04	31.08 0.22 -0.04	19.93 0.26 -1.05
MECO___69_KV_BK1 80468	36.35 0.14 -33.89	37.65 -0.02 -37.98	42.06 -0.24 -45.98	36.75 -0.02 -37.10	32.26 0.62 -22.06	32.34 1.00 -16.93	28.60 1.88 -0.38	27.34 1.82 -0.51	24.13 1.53 0.00	23.71 1.45 -0.83	23.67 1.19 -4.20	22.80 1.27 -0.42	29.88 1.12 -11.28	31.35 0.45 -23.63	42.60 0.32 -37.58	40.88 0.91 -27.25	47.19 3.56 -0.33	111.90 6.96 -20.51	49.32 3.06 -7.73	44.67 2.11 -16.38	33.95 2.47 -0.32	35.19 2.52 -1.13	34.33 2.35 -1.16	48.87 1.39 -28.86
MENANDS__115KV_TB5 355628	30.90 0.06 -28.52	31.64 -0.01 -31.96	34.92 -0.09 -38.69	30.89 0.00 -31.22	28.40 0.26 -18.56	29.05 0.40 -14.24	27.39 0.73 -0.32	26.09 0.66 -0.43	23.11 0.51 0.00	22.65 0.52 -0.70	22.26 0.45 -3.53	21.97 0.50 -0.36	27.40 0.44 -9.49	27.33 0.18 -19.88	36.43 0.11 -31.62	35.98 0.34 -22.93	44.66 1.08 -0.28	103.58 1.90 -17.25	45.99 0.95 -6.50	40.63 0.67 -13.78	32.24 0.81 -0.27	33.30 0.81 -0.95	32.64 0.84 -0.98	43.35 0.45 -24.28
MG INDUSTRY___DRP 24185	30.65 0.05 -28.27	31.36 -0.01 -31.68	34.59 -0.08 -38.36	30.62 0.00 -30.95	28.21 0.23 -18.40	28.88 0.35 -14.12	27.29 0.63 -0.32	26.01 0.57 -0.42	23.05 0.46 0.00	22.58 0.46 -0.69	22.18 0.40 -3.50	21.91 0.44 -0.35	27.27 0.38 -9.41	27.14 0.17 -19.71	36.15 0.10 -31.35	35.75 0.30 -22.73	44.55 0.97 -0.27	103.31 1.76 -17.11	45.87 0.88 -6.44	40.47 0.62 -13.66	32.17 0.75 -0.27	33.22 0.74 -0.94	32.54 0.75 -0.97	43.10 0.41 -24.07
MID___OSWEGATCHIE_HYD 23849	3.94 -0.14 -1.75	1.67 0.02 -1.96	-1.06 0.24 -2.38	1.60 0.01 -1.92	10.27 -0.45 -1.14	14.60 -0.68 -0.88	25.00 -1.36 -0.02	23.97 -1.07 -0.03	21.81 -0.79 0.00	20.52 -0.96 -0.04	17.67 -0.82 -0.22	20.23 -0.90 -0.02	17.10 -0.96 -0.58	7.99 -0.50 -1.22	6.28 -0.36 -1.95	13.44 -0.70 -1.41	41.45 -1.87 -0.02	80.70 -4.79 -1.06	36.85 -2.09 -0.40	25.90 -1.13 -0.85	29.95 -1.22 -0.02	30.72 -0.88 -0.06	30.22 -0.65 -0.06	19.90 -0.21 -1.49
MID___RAQUETTE_HYD 23851	3.50 -0.13 -1.30	1.16 0.01 -1.46	-1.68 0.23 -1.77	1.10 0.00 -1.43	9.88 -0.55 -0.85	14.08 -0.98 -0.65	24.36 -2.00 -0.02	23.49 -1.54 -0.02	21.43 -1.17 0.00	20.09 -1.37 -0.03	17.38 -1.05 -0.16	20.07 -1.06 -0.02	16.91 -1.00 -0.43	7.70 -0.48 -0.91	5.80 -0.34 -1.45	12.89 -0.88 -1.05	40.71 -2.61 -0.01	77.93 -7.30 -0.79	36.22 -2.62 -0.30	25.30 -1.51 -0.63	30.06 -1.12 -0.01	30.97 -0.62 -0.04	30.44 -0.42 -0.05	19.64 -0.09 -1.11
MILLIKEN___1 23584	9.53 0.05 -7.16	7.71 -0.01 -8.03	5.96 -0.08 -9.72	7.51 0.00 -7.84	14.45 0.21 -4.66	18.30 0.32 -3.58	27.09 0.67 -0.08	25.75 0.63 -0.11	23.16 0.56 0.00	22.12 0.51 -0.17	19.55 0.39 -0.89	21.69 0.49 -0.09	20.27 0.41 -2.38	12.45 0.19 -4.99	12.76 0.12 -7.94	18.77 0.30 -5.76	44.58 1.21 -0.07	91.67 2.90 -4.33	41.32 1.15 -1.63	30.37 0.72 -3.46	31.98 0.76 -0.07	32.45 0.67 -0.24	31.66 0.60 -0.25	25.07 0.35 -6.10
MILLIKEN___2 23585	9.53 0.05 -7.16	7.71 -0.01 -8.03	5.96 -0.08 -9.72	7.51 0.00 -7.84	14.45 0.21 -4.66	18.30 0.32 -3.58	27.09 0.67 -0.08	25.75 0.63 -0.11	23.16 0.56 0.00	22.12 0.51 -0.17	19.55 0.39 -0.89	21.69 0.49 -0.09	20.27 0.41 -2.38	12.45 0.19 -4.99	12.76 0.12 -7.94	18.77 0.30 -5.76	44.58 1.21 -0.07	91.67 2.90 -4.33	41.32 1.15 -1.63	30.37 0.72 -3.46	31.98 0.76 -0.07	32.45 0.67 -0.24	31.66 0.60 -0.25	25.07 0.35 -6.10

MILLIKEN___DIESEL 23629	9.53 0.05 -7.16	7.71 -0.01 -8.03	5.96 -0.08 -9.72	7.51 0.00 -7.84	14.45 0.21 -4.66	18.30 0.32 -3.58	27.09 0.67 -0.08	25.75 0.63 -0.11	23.16 0.56 0.00	22.12 0.51 -0.17	19.55 0.39 -0.89	21.69 0.49 -0.09	20.27 0.41 -2.38	12.45 0.19 -4.99	12.76 0.12 -7.94	18.77 0.30 -5.76	44.58 1.21 -0.07	91.67 2.90 -4.33	41.32 1.15 -1.63	30.37 0.72 -3.46	31.98 0.76 -0.07	32.45 0.67 -0.24	31.66 0.60 -0.25	25.07 0.35 -6.10
MILLSEAT___LFGE 323607	8.31 0.06 -5.92	6.32 -0.01 -6.63	4.23 -0.13 -8.03	6.15 0.00 -6.48	13.61 0.18 -3.85	17.57 0.21 -2.96	26.70 0.28 -0.07	25.33 0.23 -0.09	22.94 0.34 0.00	21.83 0.26 -0.14	19.08 0.07 -0.73	21.31 0.13 -0.07	19.49 0.05 -1.97	11.41 0.02 -4.13	11.30 0.04 -6.57	17.44 -0.04 -4.76	43.31 -0.05 -0.06	88.21 0.19 -3.58	39.33 -0.57 -1.35	28.59 -0.45 -2.86	30.77 -0.44 -0.06	31.32 -0.43 -0.20	30.69 -0.32 -0.20	23.39 -0.27 -5.04
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.83 0.09 -23.41	25.92 -0.01 -26.24	27.96 -0.13 -31.77	25.29 -0.01 -25.63	25.14 0.32 -15.24	26.63 0.53 -11.69	27.58 0.97 -0.26	26.25 0.89 -0.35	23.37 0.77 0.00	22.78 0.78 -0.57	21.92 0.74 -2.90	22.22 0.81 -0.29	25.97 0.71 -7.80	23.90 0.31 -16.32	30.87 0.21 -25.96	32.08 0.54 -18.82	45.33 1.80 -0.23	102.08 3.48 -14.17	45.69 1.81 -5.34	38.73 1.24 -11.31	32.76 1.38 -0.22	33.67 1.35 -0.78	32.87 1.25 -0.80	39.27 0.72 -19.94
MILLWOOD_13_KV_LOAD 356217	25.83 0.10 -23.41	25.92 -0.01 -26.24	27.95 -0.14 -31.77	25.29 -0.01 -25.63	25.17 0.35 -15.24	26.66 0.56 -11.69	27.64 1.04 -0.26	26.31 0.95 -0.35	23.43 0.83 0.00	22.83 0.83 -0.57	21.95 0.78 -2.90	22.26 0.86 -0.29	26.01 0.74 -7.80	23.92 0.33 -16.32	30.88 0.22 -25.96	32.12 0.57 -18.82	45.46 1.93 -0.23	102.34 3.74 -14.17	45.81 1.93 -5.34	38.81 1.32 -11.31	32.85 1.48 -0.22	33.76 1.44 -0.78	32.95 1.34 -0.80	39.32 0.76 -19.94
MODEL_CITY_ENERGY 24167	8.42 0.00 -6.09	6.51 0.00 -6.83	4.55 -0.04 -8.27	6.35 0.01 -6.67	13.48 -0.07 -3.97	17.26 -0.19 -3.04	25.91 -0.51 -0.07	24.56 -0.54 -0.09	22.23 -0.36 0.00	21.15 -0.44 -0.15	18.48 -0.54 -0.76	20.61 -0.58 -0.08	18.99 -0.51 -2.03	11.32 -0.19 -4.25	11.34 -0.12 -6.76	17.13 -0.49 -4.90	41.71 -1.65 -0.06	85.08 -3.05 -3.69	37.84 -2.10 -1.39	27.66 -1.47 -2.94	29.62 -1.59 -0.06	30.20 -1.55 -0.20	29.67 -1.36 -0.21	22.92 -0.89 -5.19
MODERN_LFGE___ 323580	8.42 0.00 -6.09	6.51 0.00 -6.83	4.55 -0.04 -8.27	6.35 0.01 -6.67	13.48 -0.07 -3.97	17.26 -0.19 -3.04	25.91 -0.51 -0.07	24.56 -0.54 -0.09	22.23 -0.36 0.00	21.15 -0.44 -0.15	18.48 -0.54 -0.76	20.61 -0.58 -0.08	18.99 -0.51 -2.03	11.32 -0.19 -4.25	11.34 -0.12 -6.76	17.13 -0.49 -4.90	41.71 -1.65 -0.06	85.08 -3.05 -3.69	37.84 -2.10 -1.39	27.66 -1.47 -2.94	29.62 -1.59 -0.06	30.20 -1.55 -0.20	29.67 -1.36 -0.21	22.92 -0.89 -5.19
MOHAWK_PAPER___DRP 24187	30.96 0.07 -28.57	31.70 -0.01 -32.01	34.98 -0.11 -38.76	30.94 0.00 -31.28	28.47 0.29 -18.60	29.14 0.46 -14.27	27.49 0.83 -0.32	26.20 0.76 -0.43	23.22 0.62 0.00	22.75 0.62 -0.70	22.35 0.53 -3.54	22.08 0.61 -0.36	27.51 0.52 -9.51	27.41 0.22 -19.92	36.52 0.14 -31.68	36.11 0.41 -22.97	44.94 1.36 -0.28	104.22 2.50 -17.28	46.26 1.20 -6.51	40.82 0.83 -13.81	32.43 1.01 -0.27	33.50 1.01 -0.95	32.82 1.02 -0.98	43.51 0.56 -24.33
MOHICAN___35_KV_115KV_LD 80490	31.69 0.16 -29.21	32.40 -0.02 -32.73	35.69 -0.26 -39.62	31.62 -0.03 -31.97	29.25 0.65 -19.01	30.00 1.01 -14.59	28.61 1.94 -0.33	27.32 1.87 -0.44	24.22 1.62 0.00	23.64 1.50 -0.71	23.03 1.14 -3.62	22.87 1.39 -0.36	28.37 1.17 -9.72	28.08 0.45 -20.36	37.39 0.31 -32.38	37.02 0.82 -23.48	46.56 2.97 -0.28	107.80 5.69 -17.67	47.74 2.54 -6.66	42.00 1.70 -14.11	33.41 1.98 -0.28	34.62 2.10 -0.97	33.95 2.13 -1.00	44.92 1.43 -24.87
MONGAUP___HYD 23641	24.15 0.09 -21.74	24.04 -0.01 -24.36	25.67 -0.14 -29.49	23.45 -0.01 -23.80	24.07 0.35 -14.15	25.81 0.54 -10.86	27.66 1.07 -0.24	26.26 0.93 -0.32	23.41 0.81 0.00	22.64 0.67 -0.53	21.48 0.51 -2.69	21.88 0.49 -0.27	25.15 0.44 -7.24	22.63 0.21 -15.16	28.93 0.13 -24.10	30.54 0.34 -17.48	45.05 1.54 -0.21	100.70 3.11 -13.15	45.07 1.57 -4.96	37.77 1.09 -10.50	32.76 1.40 -0.20	33.84 1.57 -0.72	32.96 1.40 -0.75	37.92 0.79 -18.51
MONTAUK___DIESEL 23721	26.14 0.28 -23.54	26.03 -0.03 -26.38	27.86 -0.39 -31.93	25.41 -0.03 -25.77	25.90 1.00 -15.32	27.74 1.58 -11.76	29.57 2.97 -0.26	27.98 2.62 -0.35	24.97 2.38 0.00	24.17 2.16 -0.57	23.46 2.18 -3.02	23.28 2.36 0.19	26.12 1.89 -6.76	26.98 0.86 -18.85	31.97 0.57 -26.70	33.73 1.59 -19.42	49.10 5.56 -0.24	120.62 10.94 -25.25	49.23 5.31 -5.38	41.19 3.63 -11.38	35.50 4.12 -0.22	36.57 4.24 -0.79	35.59 3.96 -0.82	50.03 2.37 -29.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	8.97 0.06 -6.58	7.06 -0.01 -7.38	5.12 -0.13 -8.93	6.88 0.00 -7.21	14.12 0.26 -4.29	18.01 0.31 -3.29	27.16 0.74 -0.07	25.71 0.59 -0.10	23.22 0.62 0.00	22.05 0.46 -0.16	19.24 0.15 -0.82	21.35 0.15 -0.08	19.80 0.14 -2.19	12.00 0.15 -4.59	12.11 0.11 -7.30	18.13 0.12 -5.29	43.90 0.53 -0.06	90.18 1.76 -3.98	40.18 0.14 -1.50	29.30 -0.06 -3.18	31.12 -0.09 -0.06	31.71 -0.05 -0.22	31.02 -0.02 -0.23	24.22 -0.01 -5.61
MORTIMER_115KV_TB3 55949	7.83 0.05 -5.46	5.81 -0.01 -6.12	3.65 -0.09 -7.41	5.65 0.00 -5.98	13.27 0.14 -3.56	17.30 0.17 -2.73	26.64 0.23 -0.06	25.27 0.17 -0.08	22.84 0.24 0.00	21.77 0.20 -0.13	19.03 0.08 -0.68	21.31 0.13 -0.07	19.39 0.10 -1.82	11.12 0.05 -3.81	10.80 0.04 -6.06	17.15 0.04 -4.39	43.49 0.13 -0.05	88.23 0.49 -3.31	39.54 -0.25 -1.25	28.60 -0.22 -2.64	31.00 -0.20 -0.05	31.52 -0.21 -0.18	30.82 -0.18 -0.19	23.13 -0.14 -4.65
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.25 0.35 -15.32	26.74 0.58 -11.75	27.68 1.07 -0.26	26.33 0.96 -0.35	23.46 0.86 0.00	22.87 0.87 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.09 0.78 -7.84	24.02 0.34 -16.41	31.02 0.23 -26.10	32.22 0.58 -18.92	45.47 1.93 -0.23	102.40 3.72 -14.24	45.83 1.93 -5.36	38.89 1.33 -11.37	32.86 1.48 -0.22	33.77 1.44 -0.78	32.96 1.34 -0.81	39.43 0.77 -20.04
MUNSVILLE_WIND_PWR 323609	12.11 0.12 -9.67	10.50 -0.02 -10.83	9.22 -0.21 -13.11	10.23 -0.02 -10.58	16.40 0.53 -6.29	20.02 0.78 -4.83	28.37 1.92 -0.11	27.06 1.91 -0.14	24.31 1.72 0.00	23.23 1.56 -0.24	20.70 1.23 -1.20	22.53 1.30 -0.12	21.57 0.88 -3.22	14.40 0.39 -6.74	15.68 0.26 -10.72	21.40 0.90 -7.77	47.19 3.79 -0.09	99.22 8.93 -5.85	44.39 3.65 -2.20	33.19 2.34 -4.67	33.71 2.46 -0.09	33.97 2.11 -0.32	33.34 2.19 -0.33	28.07 1.22 -8.23
N SALMON___HYD 24042	3.27 -0.12 -1.07	0.90 0.02 -1.20	-1.98 0.25 -1.45	0.84 0.00 -1.17	9.68 -0.60 -0.70	13.81 -1.13 -0.54	24.12 -2.23 -0.02	23.41 -1.62 -0.02	21.52 -1.08 0.00	20.21 -1.24 -0.03	17.44 -0.96 -0.13	20.15 -0.97 -0.01	16.89 -0.94 -0.36	7.59 -0.43 -0.75	5.56 -0.32 -1.19	12.77 -0.82 -0.86	41.17 -2.14 -0.01	79.03 -6.05 -0.65	36.87 -1.92 -0.24	25.60 -1.11 -0.52	30.57 -0.60 -0.01	31.30 -0.28 -0.04	30.57 -0.28 -0.04	19.56 0.03 -0.91

N.AKRON__115KV_KNAPP 355671	8.34 0.06 -5.97	6.37 -0.01 -6.68	4.30 -0.11 -8.09	6.21 0.00 -6.53	13.61 0.15 -3.88	17.53 0.15 -2.98	26.57 0.16 -0.07	25.21 0.11 -0.09	22.83 0.23 0.00	21.73 0.16 -0.15	18.98 -0.03 -0.74	21.19 0.01 -0.07	19.41 -0.04 -1.99	11.43 0.00 -4.16	11.33 0.02 -6.62	17.40 -0.12 -4.80	43.02 -0.35 -0.06	87.62 -0.42 -3.61	39.03 -0.87 -1.36	28.41 -0.65 -2.88	30.54 -0.67 -0.06	31.10 -0.64 -0.20	30.50 -0.52 -0.20	23.31 -0.39 -5.08
N.BELMOR_69_KV_BK1 55787	26.01 0.15 -23.54	26.05 -0.02 -26.38	28.05 -0.20 -31.93	25.42 -0.01 -25.77	25.41 0.51 -15.32	27.00 0.83 -11.76	28.16 1.55 -0.26	26.72 1.36 -0.35	23.82 1.22 0.00	23.15 1.15 -0.57	23.16 1.25 -3.64	24.47 1.37 -1.98	30.17 1.15 -11.55	31.88 0.52 -24.09	35.88 0.34 -30.84	35.26 0.86 -21.67	46.34 2.80 -0.23	118.85 5.04 -29.38	46.60 2.68 -5.38	39.42 1.86 -11.38	33.51 2.13 -0.22	34.51 2.18 -0.79	33.69 2.07 -0.81	50.03 1.26 -30.15
N.E_GEN_SANDY PD 24062	28.45 0.07 -26.06	29.13 -0.01 -29.45	31.38 -0.11 -35.16	28.34 -0.01 -28.68	26.91 0.27 -17.05	27.94 0.44 -13.08	27.22 0.79 -0.09	26.34 0.76 -0.57	23.26 0.66 -0.01	22.71 0.64 -0.64	19.40 0.58 -0.55	23.30 0.63 -1.55	26.76 0.57 -8.72	23.66 0.23 -16.16	33.92 0.17 -29.05	33.97 0.47 -20.78	46.04 1.56 -1.18	103.15 2.87 -15.85	45.72 1.42 -5.75	39.82 0.97 -12.66	32.58 1.18 -0.25	33.71 1.22 -0.95	33.00 1.21 -0.97	41.62 0.70 -22.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.20 0.09 -22.79	25.22 -0.01 -25.54	27.11 -0.13 -30.92	24.61 -0.02 -24.95	24.73 0.31 -14.84	26.31 0.52 -11.38	27.54 0.94 -0.25	26.22 0.86 -0.34	23.34 0.75 0.00	22.74 0.75 -0.56	21.80 0.70 -2.82	22.18 0.78 -0.28	25.73 0.68 -7.59	23.45 0.30 -15.89	30.17 0.20 -25.27	31.56 0.51 -18.32	45.24 1.72 -0.22	101.63 3.41 -13.79	45.51 1.77 -5.19	38.41 1.21 -11.01	32.70 1.33 -0.21	33.59 1.29 -0.76	32.76 1.17 -0.78	38.69 0.67 -19.41
N.QUEENS_27_KV_LOAD 356247	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.12 -0.13 -31.93	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.72 0.55 -11.75	27.63 1.02 -0.26	26.30 0.94 -0.35	23.44 0.85 0.00	22.84 0.84 -0.57	22.00 0.82 -2.92	22.28 0.87 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.02 0.23 -26.09	32.24 0.60 -18.92	45.50 1.97 -0.23	102.25 3.58 -14.24	45.72 1.81 -5.36	38.80 1.24 -11.37	32.75 1.37 -0.22	33.72 1.39 -0.78	32.94 1.32 -0.81	39.32 0.66 -20.04
N.TROY___115KV_TB1 355778	31.10 0.07 -28.70	31.84 -0.01 -32.16	35.13 -0.12 -38.94	31.08 -0.01 -31.42	28.59 0.33 -18.68	29.25 0.51 -14.33	27.59 0.93 -0.32	26.31 0.87 -0.43	23.35 0.75 0.00	22.84 0.71 -0.70	22.41 0.58 -3.56	22.15 0.67 -0.36	27.61 0.59 -9.55	27.52 0.24 -20.01	36.69 0.17 -31.82	36.28 0.49 -23.07	45.22 1.64 -0.28	104.82 3.02 -17.36	46.53 1.44 -6.54	41.04 0.99 -13.87	32.63 1.20 -0.27	33.76 1.26 -0.96	33.04 1.25 -0.99	43.79 0.73 -24.44
NARROWS_GT1_1 24228	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_2 24229	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_3 24230	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_4 24231	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_5 24232	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_6 24233	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_7 24234	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT1_8 24235	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_1 24236	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04

NARROWS_GT2_2 24237	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_3 24238	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_4 24239	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_5 24240	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_6 24241	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_7 24242	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NARROWS_GT2_8 24243	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.45 0.15 -26.97	29.90 -0.02 -30.23	32.68 -0.23 -36.60	29.19 -0.01 -29.53	27.80 0.66 -17.56	28.89 1.01 -13.47	28.54 1.89 -0.30	27.26 1.84 -0.40	24.13 1.53 0.00	23.52 1.43 -0.66	22.69 1.07 -3.34	22.64 1.19 -0.34	27.43 0.97 -8.98	26.54 0.46 -18.81	34.90 0.30 -29.91	35.41 1.00 -21.69	47.15 3.58 -0.26	107.71 6.95 -16.32	47.80 3.11 -6.15	41.32 2.10 -13.04	33.91 2.50 -0.25	34.88 2.44 -0.90	34.17 2.43 -0.93	42.92 1.33 -22.97
NCHELSEA_115KV_TR2 355582	26.13 0.10 -23.70	26.24 -0.01 -26.56	28.32 -0.15 -32.15	25.60 -0.02 -25.95	25.39 0.39 -15.43	26.86 0.62 -11.84	27.77 1.16 -0.27	26.46 1.09 -0.35	23.55 0.95 0.00	22.94 0.93 -0.58	22.06 0.85 -2.94	22.34 0.93 -0.30	26.16 0.80 -7.89	24.14 0.35 -16.53	31.22 0.24 -26.28	32.42 0.64 -19.06	45.73 2.20 -0.23	103.16 4.38 -14.34	46.12 2.17 -5.40	39.12 1.48 -11.45	33.06 1.68 -0.22	33.99 1.65 -0.79	33.17 1.54 -0.81	39.69 0.89 -20.18
NEG CAPITAL___MECHNVIL 23645	31.46 0.11 -29.03	32.21 -0.02 -32.53	35.52 -0.18 -39.38	31.44 -0.02 -31.78	28.96 0.49 -18.90	29.65 0.74 -14.50	28.07 1.40 -0.32	26.79 1.34 -0.43	23.76 1.17 0.00	23.24 1.11 -0.71	22.77 0.90 -3.60	22.53 1.06 -0.36	28.04 0.91 -9.66	27.88 0.37 -20.24	37.14 0.25 -32.19	36.76 0.70 -23.34	46.06 2.47 -0.28	106.70 4.70 -17.56	47.32 2.17 -6.62	41.67 1.46 -14.03	33.16 1.73 -0.27	34.29 1.77 -0.97	33.54 1.73 -1.00	44.40 1.07 -24.72
NEG CENTRAL_HIGH_ACRES 23767	7.66 -0.01 -5.36	5.69 0.00 -6.00	3.60 0.01 -7.27	5.54 0.00 -5.86	12.98 -0.09 -3.49	16.93 -0.16 -2.67	26.08 -0.33 -0.06	24.75 -0.34 -0.08	22.36 -0.24 0.00	21.32 -0.24 -0.13	18.66 -0.27 -0.66	20.91 -0.27 -0.07	19.03 -0.23 -1.78	10.90 -0.10 -3.74	10.59 -0.05 -5.94	16.83 -0.20 -4.31	42.70 -0.66 -0.05	86.58 -1.09 -3.24	38.89 -0.87 -1.22	28.12 -0.64 -2.59	30.45 -0.75 -0.05	30.94 -0.78 -0.18	30.23 -0.76 -0.18	22.70 -0.48 -4.56
NEG CENTRAL___DRP 24199	7.88 0.03 -5.54	5.89 0.00 -6.20	3.79 -0.05 -7.51	5.73 0.00 -6.06	13.29 0.11 -3.60	17.32 0.15 -2.77	26.75 0.35 -0.06	25.39 0.29 -0.08	22.86 0.27 0.00	21.79 0.23 -0.13	19.11 0.15 -0.69	21.40 0.22 -0.07	19.51 0.19 -1.84	11.22 0.10 -3.86	10.90 0.06 -6.14	17.31 0.13 -4.45	43.86 0.50 -0.05	89.07 1.29 -3.35	40.23 0.43 -1.26	29.09 0.23 -2.68	31.40 0.18 -0.05	31.82 0.10 -0.18	31.05 0.04 -0.19	23.37 0.03 -4.72
NEG CENTRAL___INDECK 23768	9.05 0.09 -6.63	7.11 -0.01 -7.44	5.16 -0.17 -9.00	6.93 -0.01 -7.27	14.27 0.38 -4.32	18.23 0.51 -3.31	27.47 1.05 -0.07	26.05 0.93 -0.10	23.44 0.84 0.00	22.22 0.63 -0.16	19.45 0.36 -0.82	21.67 0.48 -0.08	20.09 0.41 -2.21	12.11 0.22 -4.63	12.21 0.15 -7.36	18.38 0.33 -5.34	44.87 1.50 -0.06	91.97 3.52 -4.01	41.20 1.14 -1.51	30.08 0.69 -3.21	31.89 0.67 -0.06	32.34 0.57 -0.22	31.57 0.53 -0.23	24.60 0.33 -5.65
NEG CENTRAL___SENECA 23627	8.26 0.04 -5.90	6.30 0.00 -6.61	4.25 -0.07 -8.00	6.13 0.00 -6.46	13.58 0.16 -3.84	17.58 0.23 -2.95	26.91 0.50 -0.07	25.54 0.43 -0.09	23.00 0.40 0.00	21.92 0.34 -0.14	19.22 0.22 -0.73	21.49 0.30 -0.07	19.72 0.28 -1.96	11.51 0.14 -4.11	11.32 0.09 -6.54	17.66 0.20 -4.74	44.10 0.74 -0.06	89.81 1.80 -3.57	40.54 0.65 -1.35	29.40 0.37 -2.85	31.53 0.32 -0.06	31.95 0.20 -0.20	31.16 0.14 -0.20	23.75 0.10 -5.03
NEG CENTRAL___STATE_STREET 24147	7.79 0.03 -5.45	5.79 0.00 -6.10	3.66 -0.04 -7.39	5.63 0.00 -5.96	13.23 0.10 -3.54	17.28 0.15 -2.72	26.73 0.33 -0.06	25.38 0.29 -0.08	22.87 0.27 0.00	21.82 0.26 -0.13	19.13 0.18 -0.67	21.42 0.24 -0.07	19.48 0.20 -1.81	11.15 0.10 -3.80	10.80 0.06 -6.04	17.24 0.14 -4.38	43.91 0.55 -0.05	89.12 1.39 -3.29	40.24 0.46 -1.24	29.08 0.27 -2.63	31.46 0.25 -0.05	31.91 0.19 -0.18	31.15 0.14 -0.19	23.34 0.09 -4.64

NEG MILLWOOD___DRP 24198	26.27 0.11 -23.84	26.39 -0.02 -26.71	28.50 -0.16 -32.34	25.75 -0.02 -26.10	25.50 0.40 -15.52	26.97 0.66 -11.91	27.84 1.23 -0.27	26.52 1.15 -0.36	23.62 1.02 0.00	23.01 1.00 -0.58	22.15 0.92 -2.95	22.43 1.02 -0.30	26.28 0.87 -7.94	24.27 0.38 -16.62	31.39 0.26 -26.43	32.57 0.68 -19.17	45.88 2.34 -0.23	103.51 4.65 -14.42	46.29 2.32 -5.43	39.28 1.58 -11.52	33.18 1.80 -0.22	34.10 1.76 -0.79	33.28 1.65 -0.82	39.86 0.95 -20.30
NEG NORTH_FLCN_SEA 23793	3.16 -0.13 -0.96	0.78 0.02 -1.08	-2.11 0.27 -1.31	0.72 0.00 -1.05	9.55 -0.66 -0.63	13.64 -1.25 -0.48	23.89 -2.47 -0.01	23.18 -1.84 -0.01	21.41 -1.18 0.00	20.19 -1.26 -0.02	17.32 -1.07 -0.12	20.08 -1.04 -0.01	16.75 -1.04 -0.32	7.48 -0.46 -0.67	5.42 -0.35 -1.07	12.60 -0.90 -0.77	41.05 -2.26 -0.01	78.95 -6.07 -0.58	36.79 -1.97 -0.22	25.49 -1.16 -0.47	30.54 -0.62 -0.01	31.17 -0.41 -0.03	30.36 -0.49 -0.03	19.43 -0.01 -0.82
NEG NORTH_KES_CHATEGAY 23792	3.16 -0.15 -0.99	0.82 0.02 -1.11	-2.03 0.30 -1.35	0.76 0.00 -1.09	9.48 -0.75 -0.64	13.52 -1.38 -0.49	23.64 -2.71 -0.01	22.96 -2.07 -0.02	21.16 -1.44 0.00	19.86 -1.60 -0.02	17.13 -1.26 -0.12	19.80 -1.32 -0.01	16.57 -1.23 -0.33	7.42 -0.54 -0.69	5.40 -0.40 -1.10	12.48 -1.04 -0.80	40.43 -2.88 -0.01	77.62 -7.41 -0.60	36.28 -2.48 -0.23	25.16 -1.51 -0.48	30.12 -1.05 -0.01	30.80 -0.78 -0.03	30.03 -0.82 -0.03	19.22 -0.25 -0.85
NEG NORTH___ALICE_FALLS 23915	3.16 -0.13 -0.97	0.79 0.02 -1.09	-2.10 0.27 -1.31	0.73 0.00 -1.06	9.55 -0.66 -0.63	13.65 -1.24 -0.48	23.91 -2.44 -0.01	23.24 -1.79 -0.01	21.46 -1.14 0.00	20.20 -1.25 -0.02	17.35 -1.05 -0.12	20.11 -1.01 -0.01	16.79 -1.01 -0.32	7.50 -0.44 -0.68	5.43 -0.34 -1.07	12.64 -0.87 -0.78	41.19 -2.13 -0.01	79.23 -5.79 -0.59	36.95 -1.81 -0.22	25.60 -1.05 -0.47	30.65 -0.51 -0.01	31.28 -0.29 -0.03	30.45 -0.39 -0.03	19.48 0.04 -0.82
NEG NORTH___LWR_SARANAC 23913	3.16 -0.13 -0.97	0.79 0.02 -1.09	-2.10 0.27 -1.31	0.73 0.00 -1.06	9.55 -0.66 -0.63	13.65 -1.24 -0.48	23.91 -2.44 -0.01	23.24 -1.79 -0.01	21.46 -1.14 0.00	20.20 -1.25 -0.02	17.35 -1.05 -0.12	20.11 -1.01 -0.01	16.79 -1.01 -0.32	7.50 -0.44 -0.68	5.43 -0.34 -1.07	12.64 -0.87 -0.78	41.19 -2.13 -0.01	79.23 -5.79 -0.59	36.95 -1.81 -0.22	25.60 -1.05 -0.47	30.65 -0.51 -0.01	31.28 -0.29 -0.03	30.45 -0.39 -0.03	19.48 0.04 -0.82
NEG NORTH___PLATTSBURG 23628	3.16 -0.13 -0.97	0.79 0.02 -1.09	-2.10 0.27 -1.31	0.73 0.00 -1.06	9.55 -0.66 -0.63	13.65 -1.24 -0.48	23.91 -2.45 -0.01	23.24 -1.79 -0.01	21.46 -1.14 0.00	20.20 -1.25 -0.02	17.35 -1.05 -0.12	20.11 -1.02 -0.01	16.79 -1.01 -0.32	7.50 -0.44 -0.68	5.43 -0.34 -1.07	12.64 -0.87 -0.78	41.20 -2.12 -0.01	79.23 -5.79 -0.59	36.95 -1.81 -0.22	25.60 -1.05 -0.47	30.65 -0.51 -0.01	31.29 -0.29 -0.03	30.45 -0.39 -0.03	19.48 0.04 -0.82
NEG WEST_LEA_LOCKPORT 23791	8.41 0.03 -6.06	6.47 0.00 -6.79	4.47 -0.08 -8.22	6.31 0.01 -6.64	13.56 0.03 -3.94	17.39 -0.04 -3.03	26.20 -0.22 -0.07	24.83 -0.28 -0.09	22.48 -0.12 0.00	21.38 -0.19 -0.15	18.68 -0.35 -0.75	20.84 -0.35 -0.08	19.18 -0.31 -2.02	11.38 -0.11 -4.23	11.36 -0.06 -6.72	17.25 -0.34 -4.87	42.20 -1.16 -0.06	86.06 -2.04 -3.67	38.29 -1.64 -1.38	27.94 -1.17 -2.93	29.96 -1.26 -0.06	30.54 -1.21 -0.20	29.97 -1.05 -0.21	23.09 -0.69 -5.16
NEG WEST___LANCASTR 23811	8.92 0.04 -6.56	7.04 -0.01 -7.35	5.15 -0.08 -8.90	6.87 0.01 -7.18	13.95 0.10 -4.27	17.75 0.07 -3.28	26.61 0.19 -0.07	25.18 0.07 -0.10	22.74 0.14 0.00	21.67 0.08 -0.16	18.98 -0.11 -0.81	21.13 -0.07 -0.08	19.61 -0.04 -2.19	11.83 -0.01 -4.58	11.95 -0.02 -7.28	17.74 -0.26 -5.28	42.58 -0.79 -0.06	87.26 -1.15 -3.97	38.80 -1.24 -1.50	28.44 -0.91 -3.17	30.20 -1.02 -0.06	30.80 -0.96 -0.22	30.17 -0.87 -0.23	23.61 -0.59 -5.59
NEG_PENN_ALLEGHNY 23528	12.49 0.02 -10.14	11.06 0.00 -11.37	10.04 -0.04 -13.76	10.78 0.00 -11.10	16.28 0.10 -6.60	19.60 0.13 -5.07	26.75 0.30 -0.11	25.38 0.21 -0.15	22.78 0.18 0.00	21.88 0.20 -0.25	19.63 0.10 -1.26	21.36 0.12 -0.13	20.98 0.14 -3.38	14.42 0.08 -7.07	16.00 0.06 -11.25	20.99 0.11 -8.16	43.80 0.39 -0.10	91.90 1.33 -6.14	41.25 0.39 -2.31	31.29 0.20 -4.90	31.41 0.16 -0.10	31.97 0.09 -0.34	31.22 0.05 -0.35	27.32 0.06 -8.64
NEG___GEN_MONROE 24207	7.89 0.08 -5.49	5.83 -0.01 -6.15	3.62 -0.15 -7.45	5.67 -0.01 -6.01	13.44 0.29 -3.57	17.50 0.36 -2.74	26.91 0.50 -0.06	25.50 0.40 -0.08	23.02 0.43 0.00	21.97 0.40 -0.13	19.19 0.24 -0.68	21.48 0.30 -0.07	19.54 0.24 -1.83	11.18 0.09 -3.83	10.86 0.07 -6.09	17.26 0.12 -4.41	43.80 0.44 -0.05	88.82 1.07 -3.32	39.79 0.00 -1.25	28.77 -0.06 -2.65	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.01 0.01 -0.19	23.25 -0.05 -4.67
NEPA___ENERGY 23901	9.02 0.04 -6.65	7.14 0.00 -7.45	5.26 -0.09 -9.03	6.96 0.00 -7.28	14.06 0.15 -4.33	17.86 0.13 -3.32	26.66 0.24 -0.07	25.17 0.06 -0.10	22.65 0.05 0.00	21.66 0.07 -0.16	18.91 -0.19 -0.82	21.03 -0.16 -0.08	19.59 -0.10 -2.22	11.92 0.01 -4.64	12.09 0.01 -7.38	17.91 -0.16 -5.35	42.85 0.05 -0.06	88.51 0.05 -4.03	39.42 -0.64 -1.52	28.80 -0.59 -3.22	30.50 -0.72 -0.06	31.02 -0.75 -0.22	30.30 -0.74 -0.23	23.90 -0.38 -5.67
NEVERSINK___HYD 23608	23.98 0.07 -21.59	23.88 -0.01 -24.20	25.52 -0.10 -29.30	23.30 -0.01 -23.64	23.87 0.24 -14.06	25.59 0.40 -10.78	27.35 0.77 -0.24	26.07 0.73 -0.32	23.21 0.61 0.00	22.53 0.58 -0.53	21.42 0.47 -2.68	21.87 0.49 -0.27	25.10 0.44 -7.19	22.52 0.20 -15.06	28.77 0.13 -23.94	30.13 0.05 -17.36	43.82 0.31 -0.21	98.29 0.79 -13.06	44.00 0.54 -4.92	36.98 0.36 -10.43	31.79 0.43 -0.20	33.51 1.25 -0.72	32.68 1.12 -0.74	37.66 0.65 -18.39
NEWKRMKL_115KV_TB1 55635	30.91 0.06 -28.53	31.65 -0.01 -31.97	34.94 -0.08 -38.70	30.90 0.00 -31.23	28.39 0.25 -18.57	29.03 0.38 -14.25	27.36 0.69 -0.32	26.07 0.64 -0.43	23.08 0.48 0.00	22.61 0.49 -0.70	22.23 0.42 -3.54	21.93 0.46 -0.36	27.36 0.39 -9.50	27.32 0.17 -19.89	36.42 0.09 -31.63	35.95 0.29 -22.93	44.49 0.91 -0.28	103.29 1.59 -17.26	45.84 0.80 -6.50	40.54 0.57 -13.79	32.12 0.70 -0.27	33.15 0.66 -0.95	32.52 0.73 -0.98	43.26 0.34 -24.29
NEWTON___FALLS_HYD 23847	3.94 -0.14 -1.75	1.67 0.02 -1.96	-1.06 0.24 -2.38	1.60 0.01 -1.92	10.27 -0.45 -1.14	14.60 -0.68 -0.88	25.00 -1.36 -0.02	23.97 -1.07 -0.03	21.81 -0.79 0.00	20.52 -0.96 -0.04	17.67 -0.82 -0.22	20.23 -0.90 -0.02	17.10 -0.96 -0.58	7.99 -0.50 -1.22	6.28 -0.36 -1.95	13.44 -0.70 -1.41	41.45 -1.87 -0.02	80.70 -4.79 -1.06	36.85 -2.09 -0.40	25.90 -1.13 -0.85	29.95 -1.22 -0.02	30.72 -0.88 -0.06	30.22 -0.65 -0.06	19.90 -0.21 -1.49
NGRID_A1_DSASP 323792	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.43 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.62 -0.09	22.17 -0.43 0.00	21.08 -0.50 -0.15	18.41 -0.62 -0.76	20.54 -0.65 -0.08	18.93 -0.57 -2.04	11.28 -0.25 -4.26	11.32 -0.16 -6.78	17.09 -0.54 -4.92	41.33 -2.03 -0.06	84.23 -3.91 -3.70	37.45 -2.49 -1.39	27.41 -1.73 -2.96	29.34 -1.87 -0.06	29.93 -1.82 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21

NGRID_A2_DSASP 323793	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.43 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.62 -0.09	22.17 -0.43 0.00	21.08 -0.50 -0.15	18.41 -0.62 -0.76	20.54 -0.65 -0.08	18.93 -0.57 -2.04	11.28 -0.25 -4.26	11.32 -0.16 -6.78	17.09 -0.54 -4.92	41.33 -2.03 -0.06	84.23 -3.91 -3.70	37.45 -2.49 -1.39	27.41 -1.73 -2.96	29.34 -1.87 -0.06	29.93 -1.82 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
NGRID_A4_DSASP 323807	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.43 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.62 -0.09	22.17 -0.43 0.00	21.08 -0.50 -0.15	18.41 -0.62 -0.76	20.54 -0.65 -0.08	18.93 -0.57 -2.04	11.28 -0.25 -4.26	11.32 -0.16 -6.78	17.09 -0.54 -4.92	41.33 -2.03 -0.06	84.23 -3.91 -3.70	37.45 -2.49 -1.39	27.41 -1.73 -2.96	29.34 -1.87 -0.06	29.93 -1.82 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
NIAGARA_115E_LBMP 323715	8.44 -0.01 -6.12	6.55 0.00 -6.86	4.61 -0.02 -8.30	6.39 0.02 -6.70	13.44 -0.12 -3.98	17.20 -0.27 -3.06	25.75 -0.66 -0.07	24.41 -0.70 -0.09	22.10 -0.50 0.00	21.01 -0.57 -0.15	18.37 -0.66 -0.76	20.48 -0.71 -0.08	18.89 -0.62 -2.04	11.30 -0.24 -4.27	11.34 -0.15 -6.79	17.06 -0.58 -4.92	41.41 -1.95 -0.06	84.50 -3.63 -3.70	37.57 -2.37 -1.40	27.49 -1.65 -2.96	29.42 -1.79 -0.06	29.99 -1.76 -0.20	29.49 -1.53 -0.21	22.82 -1.01 -5.21
NIAGARA_115W_LBMP 323714	8.43 0.00 -6.11	6.52 0.00 -6.83	4.58 -0.03 -8.29	6.37 0.01 -6.69	13.40 -0.15 -3.97	17.15 -0.31 -3.05	25.79 -0.63 -0.07	24.44 -0.67 -0.09	22.12 -0.48 0.00	21.03 -0.55 -0.15	18.38 -0.66 -0.76	20.50 -0.69 -0.08	18.90 -0.61 -2.04	11.26 -0.27 -4.26	11.31 -0.17 -6.78	17.06 -0.58 -4.91	41.22 -2.15 -0.06	84.00 -4.13 -3.70	37.36 -2.57 -1.39	27.33 -1.81 -2.95	29.26 -1.95 -0.06	29.86 -1.89 -0.20	29.34 -1.68 -0.21	22.73 -1.09 -5.20
NIAGARA_230_LBMP 323716	8.41 0.02 -6.07	6.49 0.00 -6.80	4.50 -0.05 -8.23	6.32 0.00 -6.65	13.50 -0.03 -3.95	17.28 -0.16 -3.03	25.99 -0.42 -0.07	24.61 -0.49 -0.09	22.28 -0.32 0.00	21.18 -0.39 -0.15	18.52 -0.51 -0.75	20.65 -0.53 -0.08	19.04 -0.45 -2.02	11.33 -0.17 -4.23	11.33 -0.10 -6.73	17.16 -0.44 -4.88	41.79 -1.57 -0.06	85.19 -2.92 -3.67	37.90 -2.03 -1.38	27.68 -1.43 -2.93	29.67 -1.54 -0.06	30.27 -1.48 -0.20	29.72 -1.30 -0.21	22.98 -0.81 -5.17
NIAGARA__115KV_198_GIBSON 55903	8.44 0.00 -6.11	6.52 0.00 -6.83	4.58 -0.03 -8.29	6.37 0.01 -6.69	13.39 -0.16 -3.97	17.15 -0.31 -3.05	25.78 -0.63 -0.07	24.44 -0.66 -0.09	22.12 -0.48 0.00	21.04 -0.54 -0.15	18.38 -0.66 -0.76	20.50 -0.69 -0.08	18.90 -0.61 -2.04	11.27 -0.26 -4.26	11.31 -0.16 -6.78	17.05 -0.59 -4.91	41.22 -2.15 -0.06	83.98 -4.16 -3.70	37.36 -2.58 -1.39	27.33 -1.81 -2.95	29.26 -1.95 -0.06	29.86 -1.89 -0.20	29.35 -1.68 -0.21	22.73 -1.09 -5.20
NIAGARA____ 23760	8.45 0.02 -6.12	6.53 0.00 -6.85	4.57 -0.05 -8.30	6.37 0.00 -6.70	13.52 -0.03 -3.97	17.30 -0.16 -3.05	25.99 -0.42 -0.07	24.61 -0.49 -0.09	22.28 -0.32 0.00	21.18 -0.39 -0.15	18.52 -0.51 -0.75	20.65 -0.53 -0.08	19.05 -0.45 -2.03	11.35 -0.17 -4.25	11.37 -0.10 -6.77	17.19 -0.44 -4.90	41.79 -1.57 -0.06	85.21 -2.92 -3.69	37.90 -2.03 -1.39	27.70 -1.43 -2.95	29.67 -1.54 -0.06	30.27 -1.48 -0.20	29.72 -1.30 -0.21	23.01 -0.81 -5.20
NINE_MILE_1 23575	5.91 -0.05 -3.64	3.77 0.01 -4.08	1.33 0.07 -4.94	3.66 0.01 -3.99	11.75 -0.20 -2.37	15.92 -0.31 -1.82	25.84 -0.55 -0.04	24.53 -0.54 -0.05	22.13 -0.47 0.00	21.07 -0.45 -0.09	18.33 -0.40 -0.45	20.70 -0.45 -0.05	18.31 -0.38 -1.21	9.65 -0.15 -2.54	8.63 -0.10 -4.04	15.36 -0.29 -2.93	42.33 -1.01 -0.04	84.80 -1.83 -2.20	38.43 -0.95 -0.83	27.28 -0.66 -1.76	30.39 -0.80 -0.03	30.83 -0.83 -0.12	30.12 -0.82 -0.12	21.23 -0.49 -3.10
NINE_MILE_2 23744	5.90 -0.05 -3.63	3.76 0.01 -4.07	1.32 0.07 -4.92	3.65 0.01 -3.97	11.74 -0.20 -2.36	15.91 -0.31 -1.81	25.84 -0.55 -0.04	24.53 -0.53 -0.05	22.13 -0.47 0.00	21.08 -0.45 -0.09	18.33 -0.40 -0.45	20.71 -0.45 -0.05	18.31 -0.37 -1.21	9.64 -0.15 -2.53	8.62 -0.10 -4.02	15.35 -0.29 -2.92	42.33 -1.01 -0.04	84.80 -1.83 -2.20	38.43 -0.94 -0.83	27.27 -0.66 -1.75	30.40 -0.79 -0.03	30.84 -0.83 -0.12	30.13 -0.81 -0.12	21.22 -0.48 -3.09
NM_CAPITAL__DRP 24208	30.83 0.06 -28.45	31.57 -0.01 -31.88	34.84 -0.08 -38.60	30.82 0.00 -31.15	28.35 0.25 -18.52	29.00 0.38 -14.21	27.35 0.68 -0.32	26.06 0.62 -0.42	23.08 0.48 0.00	22.61 0.49 -0.69	22.22 0.42 -3.53	21.93 0.46 -0.36	27.35 0.40 -9.47	27.27 0.17 -19.84	36.34 0.10 -31.55	35.90 0.31 -22.87	44.55 0.97 -0.28	103.35 1.70 -17.21	45.88 0.85 -6.49	40.53 0.60 -13.75	32.17 0.74 -0.27	33.21 0.72 -0.95	32.57 0.78 -0.98	43.24 0.40 -24.22
NM_CENTRAL__DRP 24181	6.78 0.00 -4.46	4.68 0.00 -5.00	2.37 0.00 -6.05	4.55 0.00 -4.88	12.47 -0.01 -2.90	16.61 -0.02 -2.23	26.38 -0.01 -0.05	25.05 -0.02 -0.07	22.59 -0.01 0.00	21.55 0.01 -0.11	18.80 -0.03 -0.55	21.16 -0.01 -0.06	18.95 -0.01 -1.48	10.37 0.00 -3.11	9.64 0.00 -4.94	16.29 -0.02 -3.58	43.32 -0.03 -0.04	87.29 0.16 -2.70	39.48 -0.08 -1.02	28.25 -0.08 -2.15	31.05 -0.15 -0.04	31.49 -0.20 -0.15	30.74 -0.22 -0.15	22.28 -0.13 -3.80
NM_FRONTIER__DRP 24179	8.44 0.00 -6.11	6.52 0.00 -6.83	4.58 -0.03 -8.29	6.37 0.01 -6.69	13.39 -0.16 -3.97	17.15 -0.31 -3.05	25.78 -0.63 -0.07	24.44 -0.66 -0.09	22.12 -0.48 0.00	21.04 -0.54 -0.15	18.38 -0.66 -0.76	20.50 -0.69 -0.08	18.90 -0.61 -2.04	11.27 -0.26 -4.26	11.31 -0.16 -6.78	17.05 -0.59 -4.91	41.22 -2.15 -0.06	83.98 -4.16 -3.70	37.36 -2.58 -1.39	27.33 -1.81 -2.95	29.26 -1.95 -0.06	29.86 -1.89 -0.20	29.35 -1.68 -0.21	22.73 -1.09 -5.20
NM_ST_REGIS__HYD 24053	3.45 -0.13 -1.26	1.11 0.01 -1.41	-1.74 0.24 -1.70	1.05 0.00 -1.38	9.83 -0.57 -0.82	14.01 -1.03 -0.63	24.29 -2.07 -0.02	23.46 -1.57 -0.02	21.45 -1.15 0.00	20.11 -1.35 -0.03	17.39 -1.04 -0.16	20.08 -1.04 -0.02	16.90 -0.99 -0.42	7.68 -0.46 -0.88	5.75 -0.34 -1.39	12.86 -0.87 -1.01	40.82 -2.50 -0.01	78.18 -7.02 -0.76	36.39 -2.44 -0.29	25.38 -1.41 -0.61	30.19 -0.98 -0.01	31.04 -0.54 -0.04	30.46 -0.40 -0.04	19.63 -0.06 -1.07
NORTHPORT__1 23551	26.03 0.17 -23.54	26.05 -0.02 -26.38	28.03 -0.23 -31.93	25.42 -0.02 -25.77	25.46 0.56 -15.32	27.07 0.91 -11.76	28.33 1.72 -0.26	26.81 1.45 -0.35	23.90 1.30 0.00	23.19 1.19 -0.57	22.56 1.30 -3.00	22.27 1.43 0.27	25.26 1.19 -6.60	26.51 0.56 -18.68	31.61 0.35 -26.56	32.96 0.90 -19.35	46.53 2.99 -0.24	115.06 5.52 -25.10	46.71 2.79 -5.38	39.48 1.92 -11.38	33.48 2.10 -0.22	34.57 2.24 -0.79	33.73 2.10 -0.82	48.96 1.33 -29.02
NORTHPORT__2 23552	26.03 0.17 -23.54	26.05 -0.02 -26.38	28.03 -0.23 -31.93	25.42 -0.02 -25.77	25.46 0.56 -15.32	27.07 0.91 -11.76	28.33 1.72 -0.26	26.81 1.45 -0.35	23.90 1.30 0.00	23.19 1.19 -0.57	22.56 1.30 -3.00	22.27 1.43 0.27	25.26 1.19 -6.60	26.51 0.56 -18.68	31.61 0.35 -26.56	32.96 0.90 -19.35	46.53 2.99 -0.24	115.06 5.52 -25.10	46.71 2.79 -5.38	39.48 1.92 -11.38	33.48 2.10 -0.22	34.57 2.24 -0.79	33.73 2.10 -0.82	48.96 1.33 -29.02

NORTHPORT___3 23553	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.53 -15.32	27.01 0.85 -11.76	28.19 1.58 -0.26	26.72 1.36 -0.35	23.81 1.21 0.00	23.14 1.14 -0.57	22.53 1.27 -2.99	22.23 1.40 0.28	25.22 1.17 -6.57	26.48 0.55 -18.67	31.60 0.35 -26.55	32.93 0.87 -19.34	46.39 2.85 -0.24	114.88 5.25 -25.19	46.57 2.65 -5.38	39.41 1.85 -11.38	33.41 2.03 -0.22	34.47 2.14 -0.79	33.67 2.04 -0.82	48.86 1.26 -28.98
NORTHPORT___4 23650	26.02 0.16 -23.54	26.05 -0.02 -26.38	28.04 -0.21 -31.93	25.42 -0.02 -25.77	25.43 0.53 -15.32	27.01 0.85 -11.76	28.19 1.58 -0.26	26.72 1.36 -0.35	23.81 1.21 0.00	23.14 1.14 -0.57	22.53 1.27 -2.99	22.23 1.40 0.28	25.22 1.17 -6.57	26.48 0.55 -18.67	31.60 0.35 -26.55	32.93 0.87 -19.34	46.39 2.85 -0.24	114.88 5.25 -25.19	46.57 2.65 -5.38	39.41 1.85 -11.38	33.41 2.03 -0.22	34.47 2.14 -0.79	33.67 2.04 -0.82	48.86 1.26 -28.98
NORTHPORT___IC 23718	26.03 0.17 -23.54	26.05 -0.02 -26.38	28.03 -0.23 -31.93	25.42 -0.02 -25.77	25.46 0.56 -15.32	27.07 0.91 -11.76	28.33 1.72 -0.26	26.81 1.45 -0.35	23.90 1.30 0.00	23.19 1.19 -0.57	22.56 1.30 -3.00	22.27 1.43 0.27	25.26 1.19 -6.60	26.51 0.56 -18.68	31.61 0.35 -26.56	32.96 0.90 -19.35	46.53 2.99 -0.24	115.06 5.52 -25.10	46.71 2.79 -5.38	39.48 1.92 -11.38	33.48 2.10 -0.22	34.57 2.24 -0.79	33.73 2.10 -0.82	48.96 1.33 -29.02
NORTH___COUNTRY_ESR 323785	3.15 -0.16 -0.99	0.82 0.02 -1.11	-2.02 0.32 -1.35	0.76 0.00 -1.09	9.45 -0.78 -0.65	13.46 -1.44 -0.49	23.54 -2.82 -0.01	22.87 -2.16 -0.02	21.07 -1.53 0.00	19.80 -1.66 -0.02	17.08 -1.32 -0.12	19.74 -1.38 -0.01	16.52 -1.28 -0.33	7.40 -0.56 -0.69	5.39 -0.41 -1.10	12.43 -1.09 -0.80	40.26 -3.05 -0.01	77.27 -7.77 -0.60	36.12 -2.65 -0.23	25.04 -1.62 -0.48	29.99 -1.18 -0.01	30.66 -0.92 -0.03	29.89 -0.96 -0.03	19.13 -0.33 -0.85
NPX_GEN_1385_PROXY 323591	26.08 0.22 -23.54	26.04 -0.03 -26.38	27.94 -0.32 -31.93	25.42 -0.02 -25.77	25.61 0.71 -15.32	27.33 1.17 -11.76	29.04 2.43 -0.26	27.30 1.94 -0.35	24.39 1.79 0.00	23.83 1.48 -0.92	22.66 1.40 -3.00	22.42 1.58 0.27	25.29 1.22 -6.60	26.58 0.64 -18.68	31.58 0.33 -26.56	32.91 0.84 -19.35	46.45 2.91 -0.24	115.06 5.52 -25.10	46.49 2.57 -5.38	39.40 1.84 -11.38	33.15 1.77 -0.22	34.55 2.22 -0.79	33.64 2.01 -0.82	49.12 1.49 -29.02
NPX_GEN_CSC 323557	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.60 0.70 -15.32	27.28 1.12 -11.76	28.71 2.10 -0.26	27.15 1.79 -0.35	24.21 1.61 0.00	23.79 1.44 -0.92	22.82 1.53 -3.02	22.56 1.65 0.20	25.59 1.36 -6.76	26.75 0.63 -18.85	31.81 0.41 -26.70	33.28 1.14 -19.42	47.39 3.86 -0.24	117.04 7.36 -25.25	47.60 3.68 -5.38	40.08 2.52 -11.38	34.20 2.82 -0.22	35.28 2.95 -0.79	34.37 2.74 -0.82	49.33 1.66 -29.05
NSINS_S_GLNS_FALLS 23858	31.71 0.16 -29.23	32.42 -0.02 -32.75	35.72 -0.26 -39.65	31.64 -0.03 -32.00	29.25 0.65 -19.02	30.00 1.00 -14.60	28.59 1.92 -0.33	27.31 1.86 -0.44	24.22 1.62 0.00	23.63 1.49 -0.71	23.02 1.13 -3.62	22.86 1.38 -0.36	28.37 1.17 -9.73	28.08 0.44 -20.38	37.41 0.31 -32.40	37.02 0.80 -23.50	46.47 2.88 -0.28	107.65 5.53 -17.68	47.70 2.50 -6.66	41.96 1.66 -14.12	33.36 1.93 -0.28	34.56 2.05 -0.98	33.91 2.09 -1.00	44.92 1.42 -24.89
NUCOR_STEEL___DRP 24197	7.66 0.02 -5.32	5.64 0.00 -5.96	3.49 -0.04 -7.21	5.49 0.00 -5.82	13.13 0.09 -3.46	17.19 0.13 -2.66	26.70 0.29 -0.06	25.34 0.25 -0.08	22.83 0.24 0.00	21.79 0.22 -0.13	19.09 0.16 -0.66	21.39 0.22 -0.07	19.41 0.17 -1.77	11.05 0.08 -3.71	10.65 0.05 -5.90	17.12 0.12 -4.28	43.84 0.48 -0.05	88.89 1.23 -3.22	40.14 0.39 -1.21	28.98 0.22 -2.57	31.41 0.20 -0.05	31.86 0.13 -0.18	31.09 0.10 -0.18	23.20 0.05 -4.53
NUMBER_THREE_WT_PWR 323818	4.25 -0.11 -2.04	1.99 0.01 -2.29	-0.71 0.20 -2.77	1.92 0.02 -2.23	10.68 -0.23 -1.33	15.26 -0.17 -1.02	26.01 -0.36 -0.02	24.80 -0.24 -0.03	22.54 -0.06 0.00	21.27 -0.21 -0.05	18.22 -0.31 -0.25	20.77 -0.36 -0.03	17.55 -0.59 -0.68	8.29 -0.40 -1.42	6.67 -0.29 -2.26	14.05 -0.31 -1.64	42.83 -0.49 -0.02	84.54 -1.13 -1.23	37.91 -1.10 -0.46	26.81 -0.35 -0.99	30.24 -0.93 -0.02	30.90 -0.71 -0.07	30.45 -0.43 -0.07	20.29 -0.07 -1.74
NYISO_LBMP_REFERENCE 24008	2.32 0.00 0.00	-0.31 0.00 0.00	-3.68 0.00 0.00	-0.33 0.00 0.00	9.58 0.00 0.00	14.40 0.00 0.00	26.34 0.00 0.00	25.01 0.00 0.00	22.60 0.00 0.00	21.43 0.00 0.00	18.27 0.00 0.00	21.11 0.00 0.00	17.47 0.00 0.00	7.27 0.00 0.00	4.70 0.00 0.00	12.72 0.00 0.00	43.30 0.00 0.00	84.44 0.00 0.00	38.54 0.00 0.00	26.18 0.00 0.00	31.16 0.00 0.00	31.54 0.00 0.00	30.81 0.00 0.00	18.62 0.00 0.00
NYPA_BRENTWD____GT 24164	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.22 1.05 -11.76	28.59 1.98 -0.26	27.08 1.72 -0.35	24.13 1.53 0.00	23.41 1.40 -0.57	22.79 1.48 -3.04	22.61 1.61 0.11	25.77 1.35 -6.94	26.95 0.63 -19.06	31.96 0.40 -26.86	33.30 1.07 -19.51	47.13 3.59 -0.24	116.32 6.46 -25.42	47.32 3.40 -5.38	39.88 2.32 -11.38	33.97 2.59 -0.22	35.03 2.70 -0.79	34.16 2.54 -0.82	49.26 1.55 -29.09
NYPA_GOWANUS____GT5 24156	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NYPA_GOWANUS____GT6 24157	25.97 0.11 -23.53	26.05 -0.01 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.99 0.99 -0.57	22.13 0.94 -2.92	22.43 1.03 -0.30	26.18 0.87 -7.84	24.05 0.38 -16.41	31.04 0.24 -26.09	32.28 0.63 -18.92	45.65 2.12 -0.23	102.79 4.11 -14.24	46.04 2.14 -5.36	39.02 1.47 -11.37	33.01 1.64 -0.22	33.93 1.60 -0.78	33.12 1.49 -0.81	39.50 0.85 -20.04
NYPA_HARLEM__RVR__GT1 24160	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.22 0.33 -15.31	26.70 0.54 -11.75	27.62 1.01 -0.26	26.29 0.93 -0.35	23.43 0.83 0.00	22.83 0.83 -0.57	21.99 0.80 -2.92	22.26 0.86 -0.30	26.09 0.79 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.21 0.57 -18.92	45.39 1.86 -0.23	102.06 3.39 -14.23	45.67 1.77 -5.36	38.76 1.20 -11.37	32.71 1.33 -0.22	33.67 1.34 -0.78	32.89 1.27 -0.81	39.30 0.65 -20.04
NYPA_HARLEM__RVR__GT2 24161	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.22 0.33 -15.31	26.70 0.54 -11.75	27.62 1.01 -0.26	26.29 0.93 -0.35	23.43 0.83 0.00	22.83 0.83 -0.57	21.99 0.80 -2.92	22.26 0.86 -0.30	26.09 0.79 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.21 0.57 -18.92	45.39 1.86 -0.23	102.06 3.39 -14.23	45.67 1.77 -5.36	38.76 1.20 -11.37	32.71 1.33 -0.22	33.67 1.34 -0.78	32.89 1.27 -0.81	39.30 0.65 -20.04

NYPA_KENT____GT 24152	25.96 0.11 -23.53	26.05 -0.01 -26.37	28.10 -0.15 -31.93	25.42 -0.01 -25.76	25.28 0.38 -15.32	26.79 0.63 -11.75	27.76 1.16 -0.26	26.41 1.05 -0.35	23.54 0.95 0.00	22.97 0.97 -0.57	22.11 0.92 -2.92	22.42 1.01 -0.30	26.16 0.85 -7.84	24.04 0.37 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.60 2.07 -0.23	102.66 3.98 -14.24	45.99 2.09 -5.36	38.97 1.42 -11.37	32.97 1.59 -0.22	33.89 1.56 -0.78	33.06 1.44 -0.81	39.48 0.82 -20.04
NYPA_POUCH1____GT 24155	25.97 0.11 -23.53	26.05 -0.02 -26.37	28.09 -0.16 -31.93	25.42 -0.02 -25.76	25.29 0.39 -15.32	26.81 0.65 -11.75	27.80 1.20 -0.26	26.46 1.09 -0.35	23.57 0.97 0.00	22.98 0.97 -0.57	22.11 0.92 -2.92	22.40 1.00 -0.30	26.16 0.85 -7.84	24.04 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.59 2.06 -0.23	102.64 3.96 -14.24	46.00 2.09 -5.36	38.99 1.44 -11.37	32.99 1.61 -0.22	33.91 1.58 -0.78	33.09 1.47 -0.81	39.49 0.83 -20.04
NYPA_VERNON____GT2 24162	25.96 0.11 -23.53	26.05 -0.01 -26.37	28.10 -0.15 -31.93	25.42 -0.01 -25.76	25.27 0.37 -15.32	26.77 0.61 -11.75	27.73 1.12 -0.26	26.38 1.02 -0.35	23.52 0.92 0.00	22.94 0.94 -0.57	22.08 0.89 -2.92	22.40 0.99 -0.30	26.14 0.83 -7.84	24.03 0.36 -16.41	31.02 0.23 -26.09	32.25 0.60 -18.92	45.54 2.01 -0.23	102.56 3.89 -14.24	45.92 2.01 -5.36	38.92 1.37 -11.37	32.91 1.53 -0.22	33.82 1.49 -0.78	33.00 1.38 -0.81	39.44 0.79 -20.04
NYPA_VERNON____GT3 24163	25.96 0.11 -23.53	26.05 -0.01 -26.37	28.10 -0.15 -31.93	25.42 -0.01 -25.76	25.27 0.37 -15.32	26.77 0.61 -11.75	27.73 1.12 -0.26	26.38 1.02 -0.35	23.52 0.92 0.00	22.94 0.94 -0.57	22.08 0.89 -2.92	22.40 0.99 -0.30	26.14 0.83 -7.84	24.03 0.36 -16.41	31.02 0.23 -26.09	32.25 0.60 -18.92	45.54 2.01 -0.23	102.56 3.89 -14.24	45.92 2.01 -5.36	38.92 1.37 -11.37	32.91 1.53 -0.22	33.82 1.49 -0.78	33.00 1.38 -0.81	39.44 0.79 -20.04
NYPA__ASTORIA_CC1 323568	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.71 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
NYPA__ASTORIA_CC2 323569	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.59 -11.75	27.67 1.07 -0.26	26.33 0.96 -0.35	23.48 0.88 0.00	22.90 0.90 -0.57	22.06 0.87 -2.92	22.37 0.96 -0.30	26.11 0.80 -7.84	24.02 0.35 -16.41	31.01 0.22 -26.09	32.22 0.58 -18.92	45.45 1.92 -0.23	102.38 3.71 -14.24	45.84 1.93 -5.36	38.86 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
NYPA__HOLTSVILL 23794	26.04 0.19 -23.54	26.04 -0.02 -26.38	28.01 -0.25 -31.93	25.42 -0.02 -25.77	25.53 0.63 -15.32	27.17 1.01 -11.76	28.51 1.90 -0.26	26.98 1.62 -0.35	24.04 1.44 0.00	23.31 1.31 -0.57	22.70 1.42 -3.02	22.43 1.53 0.20	25.48 1.27 -6.74	26.69 0.59 -18.83	31.77 0.38 -26.68	33.16 1.03 -19.41	46.98 3.44 -0.24	116.12 6.45 -25.23	47.17 3.26 -5.38	39.80 2.24 -11.38	33.87 2.49 -0.22	34.94 2.61 -0.79	34.06 2.44 -0.82	49.15 1.49 -29.04
NYPA____HELLGATE_GT1 24158	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.92	25.42 -0.01 -25.76	25.21 0.31 -15.31	26.68 0.52 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.81 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.22 0.57 -18.92	45.41 1.88 -0.23	102.01 3.35 -14.23	45.63 1.72 -5.36	38.74 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.63 -20.04
NYPA____HELLGATE_GT2 24159	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.12 -0.12 -31.92	25.42 -0.01 -25.76	25.21 0.31 -15.31	26.68 0.52 -11.75	27.58 0.97 -0.26	26.26 0.90 -0.35	23.40 0.80 0.00	22.81 0.80 -0.57	21.97 0.78 -2.92	22.24 0.83 -0.30	26.08 0.77 -7.84	24.01 0.34 -16.41	31.01 0.22 -26.09	32.22 0.57 -18.92	45.41 1.88 -0.23	102.01 3.35 -14.23	45.63 1.72 -5.36	38.74 1.18 -11.37	32.68 1.31 -0.22	33.65 1.32 -0.78	32.88 1.26 -0.81	39.28 0.63 -20.04
NYS_BARGE__HYD 23848	8.38 0.03 -6.03	6.45 0.00 -6.76	4.43 -0.07 -8.18	6.28 0.01 -6.60	13.53 0.03 -3.93	17.38 -0.04 -3.01	26.19 -0.22 -0.07	24.83 -0.27 -0.09	22.48 -0.11 0.00	21.38 -0.20 -0.15	18.68 -0.34 -0.75	20.84 -0.34 -0.08	19.17 -0.31 -2.01	11.36 -0.11 -4.21	11.33 -0.06 -6.69	17.23 -0.35 -4.85	42.22 -1.15 -0.06	86.08 -2.01 -3.65	38.30 -1.62 -1.38	27.94 -1.15 -2.92	29.98 -1.24 -0.06	30.55 -1.20 -0.20	29.99 -1.03 -0.21	23.07 -0.69 -5.14
OAK ORCHARD__HYD 24046	7.83 0.05 -5.46	5.81 -0.01 -6.12	3.65 -0.09 -7.41	5.65 0.00 -5.98	13.27 0.14 -3.56	17.30 0.16 -2.73	26.64 0.23 -0.06	25.26 0.17 -0.08	22.84 0.24 0.00	21.76 0.20 -0.13	19.03 0.08 -0.68	21.31 0.13 -0.07	19.39 0.10 -1.82	11.12 0.05 -3.81	10.80 0.04 -6.06	17.15 0.03 -4.39	43.49 0.13 -0.05	88.24 0.50 -3.31	39.54 -0.25 -1.25	28.60 -0.22 -2.64	31.00 -0.21 -0.05	31.52 -0.21 -0.18	30.82 -0.18 -0.19	23.13 -0.14 -4.65
OAKDALE__35_KV_LOAD 356122	12.43 0.02 -10.09	10.99 0.00 -11.30	9.96 -0.04 -13.68	10.71 0.00 -11.04	16.24 0.09 -6.57	19.56 0.12 -5.04	26.73 0.27 -0.11	25.36 0.20 -0.15	22.77 0.17 0.00	21.86 0.18 -0.25	19.61 0.08 -1.25	21.35 0.11 -0.13	20.95 0.12 -3.36	14.37 0.07 -7.03	15.93 0.05 -11.18	20.92 0.09 -8.11	43.72 0.32 -0.10	91.71 1.17 -6.10	41.17 0.33 -2.30	31.22 0.16 -4.87	31.37 0.12 -0.10	31.93 0.05 -0.34	31.18 0.02 -0.35	27.25 0.05 -8.59
OCC_CHEM__DRP 24175	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.42 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.61 -0.09	22.17 -0.43 0.00	21.09 -0.49 -0.15	18.42 -0.62 -0.76	20.54 -0.64 -0.08	18.94 -0.57 -2.04	11.29 -0.24 -4.26	11.33 -0.15 -6.78	17.09 -0.55 -4.92	41.34 -2.03 -0.06	84.22 -3.91 -3.70	37.45 -2.49 -1.39	27.40 -1.73 -2.96	29.35 -1.87 -0.06	29.93 -1.81 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
OH_GEN_PROXY 24063	8.41 0.02 -6.07	6.49 0.00 -6.80	4.50 -0.06 -8.23	6.31 0.00 -6.64	13.51 -0.01 -3.95	17.31 -0.12 -3.03	26.06 -0.35 -0.07	24.69 -0.42 -0.09	22.32 -0.27 0.00	21.58 -0.35 -0.49	18.57 -0.46 -0.75	20.71 -0.48 -0.08	19.09 -0.40 -2.02	11.35 -0.15 -4.23	11.34 -0.08 -6.73	17.20 -0.40 -4.88	41.94 -1.42 -0.06	85.47 -2.64 -3.67	38.03 -1.90 -1.38	27.77 -1.34 -2.93	29.78 -1.43 -0.06	30.37 -1.38 -0.20	29.81 -1.21 -0.21	23.02 -0.76 -5.17
OLIN_CORP_DRP 24177	8.46 0.00 -6.14	6.57 0.00 -6.88	4.63 -0.02 -8.34	6.41 0.01 -6.73	13.48 -0.10 -4.00	17.23 -0.24 -3.07	25.81 -0.61 -0.07	24.46 -0.64 -0.09	22.14 -0.45 0.00	21.06 -0.52 -0.15	18.41 -0.62 -0.76	20.52 -0.67 -0.08	18.94 -0.58 -2.05	11.33 -0.22 -4.28	11.38 -0.13 -6.81	17.12 -0.55 -4.94	41.51 -1.85 -0.06	84.69 -3.47 -3.72	37.67 -2.28 -1.40	27.56 -1.60 -2.97	29.49 -1.73 -0.06	30.06 -1.69 -0.20	29.54 -1.48 -0.21	22.88 -0.97 -5.23

OLIN_CORP_DSASP 323712	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.43 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.62 -0.09	22.17 -0.43 0.00	21.08 -0.50 -0.15	18.41 -0.62 -0.76	20.54 -0.65 -0.08	18.93 -0.57 -2.04	11.28 -0.25 -4.26	11.32 -0.16 -6.78	17.09 -0.54 -4.92	41.33 -2.03 -0.06	84.23 -3.91 -3.70	37.45 -2.49 -1.39	27.41 -1.73 -2.96	29.34 -1.87 -0.06	29.93 -1.82 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
ONEIDA_HERK_LFGE 323681	4.02 -0.02 -1.72	1.62 0.00 -1.93	-1.29 0.05 -2.34	1.56 0.00 -1.89	10.71 0.01 -1.12	15.36 0.09 -0.86	26.54 0.17 -0.02	25.27 0.23 -0.03	22.88 0.28 0.00	21.69 0.22 -0.04	18.62 0.13 -0.21	21.29 0.16 -0.02	18.04 0.00 -0.58	8.40 -0.07 -1.20	6.55 -0.06 -1.91	14.17 0.06 -1.39	43.82 0.50 -0.02	86.43 0.95 -1.04	39.12 0.18 -0.39	27.29 0.27 -0.83	31.27 0.10 -0.02	31.78 0.18 -0.06	31.14 0.26 -0.06	20.32 0.23 -1.47
ONEIDA___115KV_TB4 55905	5.19 0.03 -2.83	2.85 -0.01 -3.17	0.10 -0.06 -3.84	2.77 -0.01 -3.10	11.61 0.19 -1.84	16.14 0.32 -1.41	27.02 0.64 -0.03	25.70 0.64 -0.04	23.21 0.61 0.00	22.07 0.57 -0.07	19.09 0.46 -0.35	21.69 0.54 -0.04	18.82 0.41 -0.94	9.39 0.15 -1.97	7.92 0.09 -3.14	15.32 0.32 -2.28	44.63 1.30 -0.03	88.77 2.62 -1.71	40.21 1.03 -0.64	28.25 0.70 -1.37	31.91 0.73 -0.03	32.35 0.71 -0.09	31.60 0.69 -0.10	21.45 0.42 -2.41
ONONDAGA_REF_OCCRA 23987	7.33 0.01 -5.00	5.28 0.00 -5.60	3.08 -0.02 -6.78	5.14 0.00 -5.47	12.87 0.04 -3.25	16.96 0.06 -2.49	26.55 0.15 -0.06	25.22 0.13 -0.07	22.73 0.13 0.00	21.69 0.14 -0.12	18.98 0.08 -0.62	21.30 0.13 -0.06	19.25 0.11 -1.66	10.80 0.05 -3.48	10.27 0.03 -5.54	16.81 0.07 -4.01	43.64 0.28 -0.05	88.30 0.84 -3.02	39.91 0.23 -1.14	28.71 0.12 -2.41	31.28 0.08 -0.05	31.74 0.03 -0.17	30.98 -0.01 -0.17	22.87 -0.01 -4.25
ONONDAGA___COGEN 23986	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.11 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.66 0.03 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.93 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.04 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
ONTARIO___LFGE 23819	8.26 0.04 -5.90	6.30 0.00 -6.61	4.26 -0.07 -8.00	6.13 0.00 -6.46	13.58 0.16 -3.84	17.58 0.22 -2.95	26.91 0.50 -0.07	25.54 0.43 -0.09	23.00 0.40 0.00	21.91 0.34 -0.14	19.22 0.22 -0.73	21.49 0.30 -0.07	19.71 0.28 -1.96	11.51 0.14 -4.11	11.32 0.08 -6.54	17.66 0.20 -4.74	44.09 0.73 -0.06	89.80 1.80 -3.57	40.53 0.64 -1.35	29.40 0.37 -2.85	31.53 0.32 -0.06	31.95 0.21 -0.20	31.16 0.14 -0.20	23.75 0.10 -5.03
ORANGEVILLE_WT_PWR 323706	9.21 0.01 -6.88	7.39 0.00 -7.71	5.61 -0.05 -9.33	7.20 0.01 -7.53	14.09 0.04 -4.48	17.81 -0.03 -3.44	26.42 0.00 -0.08	24.97 -0.14 -0.10	22.52 -0.07 0.00	21.43 -0.17 -0.17	18.80 -0.33 -0.85	20.87 -0.33 -0.09	19.56 -0.20 -2.29	12.02 -0.04 -4.79	12.30 -0.02 -7.62	18.03 -0.23 -5.53	42.68 -0.69 -0.07	87.76 -0.84 -4.16	39.13 -0.98 -1.57	28.69 -0.82 -3.32	30.13 -1.09 -0.06	30.61 -1.16 -0.23	29.97 -1.08 -0.24	23.91 -0.57 -5.86
ORANGEVILLE___ESR 323794	9.21 0.01 -6.88	7.39 0.00 -7.71	5.61 -0.05 -9.33	7.20 0.01 -7.53	14.09 0.04 -4.48	17.81 -0.03 -3.44	26.42 0.00 -0.08	24.97 -0.14 -0.10	22.52 -0.07 0.00	21.43 -0.17 -0.17	18.80 -0.33 -0.85	20.87 -0.33 -0.09	19.56 -0.20 -2.29	12.02 -0.04 -4.79	12.30 -0.02 -7.62	18.03 -0.23 -5.53	42.68 -0.69 -0.07	87.76 -0.84 -4.16	39.13 -0.98 -1.57	28.69 -0.82 -3.32	30.13 -1.09 -0.06	30.61 -1.16 -0.23	29.97 -1.08 -0.24	23.91 -0.57 -5.86
OSWEGATCHIE___HYD 24044	3.94 -0.14 -1.75	1.67 0.02 -1.96	-1.06 0.24 -2.38	1.60 0.01 -1.92	10.27 -0.45 -1.14	14.60 -0.68 -0.88	24.99 -1.37 -0.02	23.97 -1.07 -0.03	21.81 -0.79 0.00	20.52 -0.96 -0.04	17.67 -0.82 -0.22	20.23 -0.90 -0.02	17.10 -0.96 -0.58	7.99 -0.50 -1.22	6.28 -0.36 -1.95	13.44 -0.70 -1.41	41.45 -1.87 -0.02	80.70 -4.80 -1.06	36.85 -2.09 -0.40	25.91 -1.13 -0.85	29.95 -1.23 -0.02	30.73 -0.88 -0.06	30.22 -0.65 -0.06	19.90 -0.21 -1.49
OSWEGO___5 23606	6.18 -0.03 -3.89	4.05 0.01 -4.36	1.65 0.05 -5.28	3.94 0.01 -4.26	11.98 -0.13 -2.53	16.14 -0.21 -1.94	26.02 -0.37 -0.04	24.70 -0.36 -0.06	22.28 -0.32 0.00	21.22 -0.30 -0.09	18.48 -0.28 -0.48	20.85 -0.31 -0.05	18.51 -0.26 -1.30	9.87 -0.11 -2.71	8.94 -0.07 -4.31	15.65 -0.20 -3.13	42.64 -0.70 -0.04	85.58 -1.21 -2.36	38.76 -0.67 -0.89	27.60 -0.47 -1.88	30.61 -0.58 -0.04	31.05 -0.62 -0.13	30.33 -0.61 -0.13	21.57 -0.36 -3.31
OSWEGO___6 23613	6.18 -0.03 -3.89	4.05 0.01 -4.36	1.65 0.05 -5.28	3.94 0.01 -4.26	11.98 -0.13 -2.53	16.14 -0.21 -1.94	26.02 -0.37 -0.04	24.70 -0.36 -0.06	22.28 -0.32 0.00	21.22 -0.30 -0.09	18.48 -0.28 -0.48	20.85 -0.31 -0.05	18.51 -0.26 -1.30	9.87 -0.11 -2.71	8.94 -0.07 -4.31	15.65 -0.20 -3.13	42.64 -0.70 -0.04	85.58 -1.21 -2.36	38.76 -0.67 -0.89	27.60 -0.47 -1.88	30.61 -0.58 -0.04	31.05 -0.62 -0.13	30.33 -0.61 -0.13	21.57 -0.36 -3.31
OUTOKUMPU-AB___DRP 24206	8.54 0.05 -6.17	6.59 -0.01 -6.91	4.60 -0.10 -8.37	6.43 0.00 -6.76	13.68 0.08 -4.02	17.53 0.04 -3.08	26.40 -0.02 -0.07	25.02 -0.08 -0.09	22.64 0.04 0.00	21.55 -0.03 -0.15	18.82 -0.21 -0.77	21.00 -0.19 -0.08	19.35 -0.18 -2.06	11.51 -0.06 -4.30	11.51 -0.03 -6.85	17.42 -0.26 -4.96	42.45 -0.91 -0.06	86.61 -1.56 -3.73	38.54 -1.41 -1.41	28.15 -1.02 -2.98	30.13 -1.09 -0.06	30.70 -1.05 -0.21	30.13 -0.90 -0.21	23.27 -0.60 -5.26
OXBOW____ 24026	8.50 0.04 -6.14	6.56 0.00 -6.88	4.58 -0.08 -8.34	6.40 0.01 -6.73	13.58 0.00 -4.00	17.40 -0.08 -3.07	26.20 -0.22 -0.07	24.82 -0.28 -0.09	22.47 -0.12 0.00	21.37 -0.20 -0.15	18.67 -0.36 -0.76	20.84 -0.35 -0.08	19.19 -0.32 -2.05	11.41 -0.13 -4.28	11.43 -0.08 -6.81	17.30 -0.36 -4.94	42.03 -1.34 -0.06	85.72 -2.43 -3.72	38.12 -1.82 -1.40	27.86 -1.29 -2.97	29.83 -1.38 -0.06	30.41 -1.34 -0.20	29.87 -1.16 -0.21	23.08 -0.77 -5.23
OXY_CHEM_DSASP 323612	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.42 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.61 -0.09	22.17 -0.43 0.00	21.09 -0.49 -0.15	18.42 -0.62 -0.76	20.54 -0.64 -0.08	18.94 -0.57 -2.04	11.29 -0.24 -4.26	11.33 -0.15 -6.78	17.09 -0.55 -4.92	41.34 -2.03 -0.06	84.22 -3.91 -3.70	37.45 -2.49 -1.39	27.40 -1.73 -2.96	29.35 -1.87 -0.06	29.93 -1.81 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
OZONE_PARK_ESR 323760	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.08 -0.17 -31.92	25.42 -0.01 -25.76	25.32 0.42 -15.32	26.85 0.69 -11.75	27.89 1.29 -0.26	26.53 1.17 -0.35	23.65 1.05 0.00	23.06 1.06 -0.57	22.17 0.99 -2.92	22.51 1.10 -0.30	26.24 0.93 -7.84	24.08 0.41 -16.41	31.06 0.26 -26.09	32.33 0.69 -18.92	45.85 2.32 -0.23	103.17 4.50 -14.24	46.22 2.31 -5.36	39.15 1.60 -11.37	33.18 1.80 -0.22	34.08 1.76 -0.78	33.24 1.62 -0.81	39.58 0.93 -20.04

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.42 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.61 -0.09	22.17 -0.43 0.00	21.09 -0.49 -0.15	18.42 -0.62 -0.76	20.54 -0.64 -0.08	18.94 -0.57 -2.04	11.29 -0.24 -4.26	11.33 -0.15 -6.78	17.09 -0.55 -4.92	41.34 -2.03 -0.06	84.22 -3.91 -3.70	37.45 -2.49 -1.39	27.40 -1.73 -2.96	29.35 -1.87 -0.06	29.93 -1.81 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
PACKARD__115KV_DUPONT_184 80571	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.42 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.61 -0.09	22.17 -0.43 0.00	21.09 -0.49 -0.15	18.42 -0.62 -0.76	20.54 -0.64 -0.08	18.94 -0.57 -2.04	11.29 -0.24 -4.26	11.33 -0.15 -6.78	17.09 -0.55 -4.92	41.34 -2.03 -0.06	84.22 -3.91 -3.70	37.45 -2.49 -1.39	27.40 -1.73 -2.96	29.35 -1.87 -0.06	29.93 -1.81 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.25 0.35 -15.32	26.74 0.58 -11.75	27.69 1.08 -0.26	26.35 0.99 -0.35	23.49 0.89 0.00	22.89 0.88 -0.57	22.04 0.85 -2.92	22.31 0.91 -0.30	26.10 0.79 -7.84	24.00 0.33 -16.41	31.01 0.22 -26.09	32.20 0.56 -18.92	45.39 1.86 -0.23	102.26 3.59 -14.24	45.78 1.88 -5.36	38.81 1.26 -11.37	32.78 1.40 -0.22	33.72 1.40 -0.78	32.92 1.30 -0.81	39.35 0.69 -20.04
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.08 -0.17 -31.93	25.42 -0.02 -25.76	25.33 0.44 -15.32	26.87 0.71 -11.75	27.93 1.32 -0.26	26.59 1.22 -0.35	23.68 1.08 0.00	23.05 1.05 -0.57	22.17 0.98 -2.92	22.32 0.92 -0.30	26.12 0.82 -7.84	24.01 0.34 -16.41	31.03 0.23 -26.09	32.26 0.62 -18.92	45.61 2.08 -0.23	102.70 4.03 -14.24	45.92 2.02 -5.36	38.89 1.33 -11.37	32.86 1.48 -0.22	33.81 1.48 -0.78	33.03 1.41 -0.81	39.42 0.76 -20.04
PATROON__115KV_TB1 80586	30.99 0.06 -28.61	31.75 -0.01 -32.06	35.05 -0.09 -38.82	30.99 0.00 -31.32	28.47 0.27 -18.62	29.11 0.41 -14.29	27.41 0.75 -0.32	26.13 0.69 -0.43	23.13 0.53 0.00	22.67 0.55 -0.70	22.29 0.47 -3.55	21.98 0.52 -0.36	27.44 0.44 -9.53	27.40 0.19 -19.95	36.53 0.11 -31.72	36.05 0.33 -23.00	44.63 1.05 -0.28	103.63 1.88 -17.31	46.00 0.93 -6.52	40.67 0.66 -13.83	32.22 0.80 -0.27	33.26 0.76 -0.95	32.62 0.82 -0.98	43.39 0.40 -24.36
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	8.82 0.05 -6.45	6.92 -0.01 -7.23	4.98 -0.09 -8.76	6.74 0.00 -7.07	13.91 0.13 -4.20	17.75 0.12 -3.22	26.65 0.23 -0.07	25.23 0.12 -0.10	22.80 0.20 0.00	21.72 0.13 -0.16	19.01 -0.07 -0.80	21.18 -0.01 -0.08	19.62 0.00 -2.15	11.78 0.01 -4.50	11.85 0.00 -7.16	17.71 -0.19 -5.19	42.77 -0.60 -0.06	87.58 -0.77 -3.91	38.95 -1.06 -1.47	28.50 -0.80 -3.12	30.34 -0.87 -0.06	30.93 -0.83 -0.21	30.30 -0.74 -0.22	23.61 -0.51 -5.49
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.27 0.11 -23.84	26.39 -0.02 -26.71	28.50 -0.16 -32.34	25.75 -0.02 -26.10	25.50 0.40 -15.52	26.97 0.66 -11.91	27.84 1.23 -0.27	26.52 1.15 -0.36	23.62 1.02 0.00	23.01 1.00 -0.58	22.15 0.92 -2.95	22.43 1.02 -0.30	26.28 0.87 -7.94	24.27 0.38 -16.62	31.39 0.26 -26.43	32.57 0.68 -19.17	45.88 2.34 -0.23	103.51 4.65 -14.42	46.29 2.32 -5.43	39.28 1.58 -11.52	33.18 1.80 -0.22	34.10 1.76 -0.79	33.28 1.65 -0.82	39.86 0.95 -20.30
PEEKSKILL____ 23653	25.73 0.09 -23.32	25.81 -0.01 -26.14	27.84 -0.13 -31.64	25.19 -0.01 -25.53	25.08 0.31 -15.18	26.57 0.51 -11.65	27.55 0.94 -0.26	26.22 0.87 -0.35	23.35 0.75 0.00	22.76 0.76 -0.57	21.87 0.71 -2.89	22.19 0.79 -0.29	25.91 0.67 -7.77	23.83 0.30 -16.26	30.76 0.20 -25.86	31.99 0.52 -18.75	45.27 1.74 -0.23	101.94 3.40 -14.11	45.63 1.77 -5.32	38.66 1.21 -11.27	32.72 1.35 -0.22	33.63 1.31 -0.78	32.82 1.21 -0.80	39.17 0.69 -19.86
PGE MADISON__WINDPWR 24146	12.11 0.12 -9.67	10.50 -0.02 -10.83	9.22 -0.21 -13.11	10.23 -0.02 -10.58	16.40 0.53 -6.29	20.02 0.78 -4.83	28.37 1.92 -0.11	27.06 1.91 -0.14	24.31 1.72 0.00	23.23 1.56 -0.24	20.70 1.23 -1.20	22.53 1.30 -0.12	21.57 0.88 -3.22	14.40 0.39 -6.74	15.68 0.26 -10.72	21.40 0.90 -7.77	47.19 3.79 -0.09	99.22 8.93 -5.85	44.39 3.65 -2.20	33.19 2.34 -4.67	33.71 2.46 -0.09	33.97 2.11 -0.32	33.34 2.19 -0.33	28.07 1.22 -8.23
PIERCEFIELD__HYD 23852	3.50 -0.13 -1.30	1.16 0.01 -1.46	-1.68 0.23 -1.77	1.10 0.00 -1.43	9.88 -0.55 -0.85	14.08 -0.98 -0.65	24.36 -2.00 -0.02	23.49 -1.54 -0.02	21.43 -1.17 0.00	20.09 -1.37 -0.03	17.38 -1.05 -0.16	20.07 -1.06 -0.02	16.91 -1.00 -0.43	7.70 -0.48 -0.91	5.80 -0.34 -1.45	12.89 -0.88 -1.05	40.71 -2.61 -0.01	77.93 -7.30 -0.79	36.22 -2.62 -0.30	25.30 -1.51 -0.63	30.06 -1.12 -0.01	30.97 -0.62 -0.04	30.44 -0.42 -0.05	19.64 -0.09 -1.11
PINELAWN_CC_I 323563	26.03 0.17 -23.54	26.05 -0.02 -26.38	28.02 -0.23 -31.93	25.42 -0.02 -25.77	25.47 0.57 -15.32	27.09 0.93 -11.76	28.35 1.74 -0.26	26.88 1.52 -0.35	23.95 1.35 0.00	23.24 1.23 -0.57	22.75 1.32 -3.15	22.83 1.43 -0.30	26.52 1.21 -7.84	27.88 0.57 -20.04	32.72 0.37 -27.64	33.62 0.96 -19.94	46.74 3.21 -0.24	116.72 5.96 -26.32	46.98 3.06 -5.38	39.66 2.10 -11.38	33.72 2.34 -0.22	34.75 2.42 -0.79	33.90 2.28 -0.82	49.27 1.39 -29.26
PJM_GEN_HTP_PROXY 323702	25.95 0.10 -23.53	25.69 -0.01 -26.01	27.73 -0.13 -31.54	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.67 1.07 -0.26	26.30 0.94 -0.35	23.43 0.84 0.00	22.86 0.85 -0.57	22.00 0.81 -2.92	22.29 0.89 -0.30	26.06 0.76 -7.83	24.01 0.33 -16.41	31.01 0.22 -26.09	32.20 0.56 -18.92	45.39 1.86 -0.23	102.25 3.57 -14.24	45.57 1.88 -5.14	38.84 1.29 -11.37	32.82 1.44 -0.22	33.73 1.40 -0.78	32.91 1.29 -0.81	39.40 0.74 -20.04
PJM_GEN_KEystone 24065	17.92 0.05 -15.55	16.75 0.00 -17.06	16.95 -0.08 -20.71	16.69 0.00 -17.02	19.87 0.16 -10.12	22.41 0.23 -7.77	26.92 0.40 -0.17	25.53 0.28 -0.23	22.85 0.25 0.00	22.06 0.25 -0.38	20.38 0.17 -1.93	21.52 0.21 -0.19	22.86 0.21 -5.18	18.21 0.11 -10.84	22.02 0.08 -17.24	25.33 0.10 -12.50	43.80 0.34 -0.15	94.82 0.98 -9.41	42.18 0.32 -3.32	33.87 0.17 -7.51	31.45 0.15 -0.15	32.20 0.14 -0.52	31.47 0.12 -0.53	31.93 0.07 -13.24
PJM_GEN_NEPTUNE_PROXY 323594	25.99 0.14 -23.54	25.69 -0.01 -26.02	27.69 -0.18 -31.55	25.42 -0.01 -25.77	25.36 0.45 -15.32	26.91 0.75 -11.76	28.00 1.39 -0.26	26.56 1.20 -0.35	23.67 1.07 0.00	23.02 1.02 -0.57	22.32 1.13 -2.91	21.80 1.24 0.55	24.51 1.05 -5.98	24.58 0.48 -16.83	30.89 0.31 -25.88	32.55 0.79 -19.05	46.09 2.56 -0.23	113.35 4.65 -24.26	46.15 2.45 -5.15	39.25 1.69 -11.38	33.26 1.88 -0.22	34.27 1.94 -0.79	33.45 1.82 -0.81	42.46 1.13 -22.71
PJM_GEN_VFT_PROXY 323633	25.94 0.09 -23.53	25.69 -0.01 -26.01	27.75 -0.11 -31.54	25.42 -0.01 -25.76	25.18 0.28 -15.32	26.64 0.48 -11.75	27.47 0.86 -0.26	26.14 0.78 -0.35	23.28 0.68 0.00	22.72 0.72 -0.57	21.88 0.69 -2.92	22.17 0.76 -0.30	25.96 0.65 -7.84	23.96 0.29 -16.41	30.98 0.19 -26.09	32.11 0.47 -18.92	45.07 1.54 -0.23	101.61 2.93 -14.24	45.30 1.62 -5.14	38.67 1.12 -11.37	32.61 1.23 -0.22	33.52 1.19 -0.78	32.71 1.09 -0.81	39.27 0.62 -20.04

PLATSBRG_115KV_PMLD1 355749	3.15 -0.13 -0.96	0.78 0.02 -1.08	-2.10 0.27 -1.31	0.73 0.00 -1.05	9.54 -0.67 -0.63	13.63 -1.26 -0.48	23.86 -2.49 -0.01	23.16 -1.87 -0.01	21.39 -1.21 0.00	20.17 -1.29 -0.02	17.30 -1.09 -0.12	20.06 -1.06 -0.01	16.74 -1.05 -0.32	7.47 -0.46 -0.67	5.41 -0.36 -1.07	12.59 -0.91 -0.77	41.01 -2.30 -0.01	78.82 -6.19 -0.58	36.75 -2.02 -0.22	25.45 -1.19 -0.47	30.51 -0.65 -0.01	31.14 -0.44 -0.03	30.32 -0.53 -0.03	19.41 -0.03 -0.82
PLEASANTVLY___LBMP 24000	26.89 0.08 -24.49	27.12 -0.01 -27.44	29.42 -0.12 -33.22	26.47 -0.01 -26.81	25.81 0.29 -15.94	27.11 0.47 -12.23	27.49 0.87 -0.27	26.19 0.81 -0.37	23.31 0.71 0.00	22.74 0.71 -0.60	21.99 0.68 -3.03	22.16 0.74 -0.31	26.27 0.65 -8.15	24.62 0.28 -17.07	32.04 0.19 -27.15	32.91 0.50 -19.69	45.19 1.65 -0.24	102.44 3.19 -14.82	45.75 1.63 -5.58	39.13 1.12 -11.83	32.66 1.28 -0.23	33.62 1.26 -0.82	32.85 1.19 -0.84	40.15 0.68 -20.85
PLSNTVLE_13_KV_13.8KVDIST 80602	26.09 0.10 -23.67	26.21 -0.01 -26.53	28.30 -0.14 -32.12	25.57 -0.01 -25.92	25.33 0.34 -15.41	26.79 0.56 -11.82	27.64 1.04 -0.27	26.31 0.95 -0.35	23.43 0.84 0.00	22.84 0.83 -0.58	21.99 0.79 -2.93	22.28 0.88 -0.30	26.11 0.76 -7.88	24.10 0.33 -16.50	31.17 0.22 -26.25	32.33 0.57 -19.03	45.47 1.93 -0.23	102.52 3.76 -14.32	45.87 1.93 -5.40	38.94 1.31 -11.44	32.86 1.48 -0.22	33.78 1.45 -0.79	32.97 1.35 -0.81	39.55 0.77 -20.16
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.09 0.10 -23.67	26.21 -0.01 -26.53	28.30 -0.14 -32.12	25.57 -0.01 -25.92	25.33 0.34 -15.41	26.79 0.56 -11.82	27.64 1.04 -0.27	26.31 0.95 -0.35	23.43 0.84 0.00	22.84 0.83 -0.58	21.99 0.79 -2.93	22.28 0.88 -0.30	26.11 0.76 -7.88	24.10 0.33 -16.50	31.17 0.22 -26.25	32.33 0.57 -19.03	45.47 1.93 -0.23	102.52 3.76 -14.32	45.87 1.93 -5.40	38.94 1.31 -11.44	32.86 1.48 -0.22	33.78 1.45 -0.79	32.97 1.35 -0.81	39.55 0.77 -20.16
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.59 0.10 -24.17	26.77 -0.01 -27.09	28.97 -0.14 -32.80	26.12 -0.01 -26.47	25.68 0.37 -15.74	27.07 0.59 -12.07	27.72 1.11 -0.27	26.43 1.05 -0.36	23.52 0.92 0.00	22.91 0.89 -0.59	22.09 0.82 -3.00	22.30 0.88 -0.30	26.29 0.77 -8.05	24.45 0.33 -16.86	31.74 0.23 -26.81	32.77 0.61 -19.44	45.67 2.14 -0.24	103.27 4.21 -14.63	46.15 2.10 -5.51	39.29 1.43 -11.68	33.01 1.63 -0.23	33.95 1.60 -0.81	33.17 1.52 -0.83	40.07 0.87 -20.58
POLETTI____ 23519	25.95 0.09 -23.53	26.05 -0.01 -26.37	28.12 -0.13 -31.92	25.42 -0.01 -25.76	25.23 0.33 -15.32	26.71 0.55 -11.75	27.61 1.01 -0.26	26.27 0.90 -0.35	23.40 0.80 0.00	22.83 0.82 -0.57	21.98 0.79 -2.92	22.27 0.87 -0.30	26.05 0.74 -7.84	24.00 0.33 -16.41	31.00 0.21 -26.09	32.19 0.54 -18.92	45.30 1.77 -0.23	102.08 3.40 -14.24	45.72 1.81 -5.36	38.80 1.25 -11.37	32.77 1.40 -0.22	33.69 1.36 -0.78	32.87 1.25 -0.81	39.37 0.71 -20.04
POMONA___ESR 323819	25.20 0.09 -22.79	25.22 -0.01 -25.54	27.11 -0.13 -30.92	24.61 -0.02 -24.95	24.73 0.31 -14.84	26.30 0.51 -11.38	27.54 0.94 -0.25	26.22 0.87 -0.34	23.34 0.74 0.00	22.74 0.75 -0.56	21.80 0.70 -2.82	22.18 0.78 -0.28	25.73 0.68 -7.59	23.45 0.30 -15.89	30.17 0.20 -25.27	31.56 0.51 -18.32	45.24 1.72 -0.22	101.63 3.41 -13.79	45.51 1.77 -5.19	38.41 1.21 -11.01	32.70 1.33 -0.21	33.59 1.29 -0.76	32.77 1.17 -0.78	38.70 0.67 -19.41
PORT_JEFF_3 23555	26.05 0.19 -23.54	26.04 -0.02 -26.38	28.00 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.20 1.04 -11.76	28.56 1.95 -0.26	27.03 1.67 -0.35	24.09 1.50 0.00	23.36 1.35 -0.57	22.74 1.46 -3.02	22.48 1.57 0.20	25.53 1.31 -6.76	26.72 0.61 -18.85	31.79 0.39 -26.69	33.19 1.06 -19.42	47.10 3.56 -0.24	116.40 6.72 -25.25	47.29 3.37 -5.38	39.87 2.31 -11.38	33.96 2.58 -0.22	35.03 2.70 -0.79	34.15 2.52 -0.82	49.20 1.53 -29.05
PORT_JEFF_4 23616	26.05 0.19 -23.54	26.04 -0.02 -26.38	28.00 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.20 1.04 -11.76	28.56 1.95 -0.26	27.03 1.67 -0.35	24.09 1.50 0.00	23.36 1.35 -0.57	22.74 1.46 -3.02	22.48 1.57 0.20	25.53 1.31 -6.76	26.72 0.61 -18.85	31.79 0.39 -26.69	33.19 1.06 -19.42	47.10 3.56 -0.24	116.40 6.72 -25.25	47.29 3.37 -5.38	39.87 2.31 -11.38	33.96 2.58 -0.22	35.03 2.70 -0.79	34.15 2.52 -0.82	49.20 1.53 -29.05
PORT_JEFF_IC 23713	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.21 1.05 -11.76	28.59 1.98 -0.26	27.06 1.69 -0.35	24.12 1.52 0.00	23.38 1.37 -0.57	22.76 1.47 -3.02	22.51 1.59 0.18	25.58 1.32 -6.79	26.77 0.62 -18.89	31.82 0.40 -26.73	33.23 1.07 -19.43	47.16 3.62 -0.24	116.58 6.86 -25.29	47.36 3.44 -5.38	39.91 2.35 -11.38	34.00 2.62 -0.22	35.08 2.75 -0.79	34.19 2.56 -0.82	49.22 1.55 -29.05
PPL PILGRIM_ST_GT1 24216	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.22 1.05 -11.76	28.59 1.98 -0.26	27.08 1.72 -0.35	24.13 1.53 0.00	23.41 1.40 -0.57	22.79 1.48 -3.04	22.61 1.61 0.11	25.77 1.35 -6.94	26.95 0.63 -19.06	31.96 0.40 -26.86	33.30 1.07 -19.51	47.13 3.59 -0.24	116.32 6.46 -25.42	47.32 3.40 -5.38	39.88 2.32 -11.38	33.97 2.59 -0.22	35.03 2.70 -0.79	34.16 2.54 -0.82	49.26 1.55 -29.09
PPL PILGRIM_ST_GT2 24217	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.55 0.65 -15.32	27.22 1.05 -11.76	28.59 1.98 -0.26	27.08 1.72 -0.35	24.13 1.53 0.00	23.41 1.40 -0.57	22.79 1.48 -3.04	22.61 1.61 0.11	25.77 1.35 -6.94	26.95 0.63 -19.06	31.96 0.40 -26.86	33.30 1.07 -19.51	47.13 3.59 -0.24	116.32 6.46 -25.42	47.32 3.40 -5.38	39.88 2.32 -11.38	33.97 2.59 -0.22	35.03 2.70 -0.79	34.16 2.54 -0.82	49.26 1.55 -29.09
PPL_SHRM_GT3 24213	26.07 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.61 0.71 -15.32	27.29 1.13 -11.76	28.73 2.13 -0.26	27.16 1.80 -0.35	24.22 1.62 0.00	23.45 1.45 -0.57	22.83 1.54 -3.02	22.57 1.65 0.19	25.61 1.36 -6.77	26.77 0.63 -18.87	31.82 0.41 -26.71	33.29 1.14 -19.43	47.42 3.88 -0.24	117.14 7.44 -25.26	47.63 3.71 -5.38	40.10 2.54 -11.38	34.22 2.84 -0.22	35.31 2.98 -0.79	34.40 2.77 -0.82	49.35 1.67 -29.05
PPL_SHRM_GT4 24214	26.07 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.61 0.71 -15.32	27.29 1.13 -11.76	28.73 2.13 -0.26	27.16 1.80 -0.35	24.22 1.62 0.00	23.45 1.45 -0.57	22.83 1.54 -3.02	22.57 1.65 0.19	25.61 1.36 -6.77	26.77 0.63 -18.87	31.82 0.41 -26.71	33.29 1.14 -19.43	47.42 3.88 -0.24	117.14 7.44 -25.26	47.63 3.71 -5.38	40.10 2.54 -11.38	34.22 2.84 -0.22	35.31 2.98 -0.79	34.40 2.77 -0.82	49.35 1.67 -29.05
PROJECT___ORANGE I 24174	6.82 0.00 -4.50	4.73 0.00 -5.05	2.43 0.00 -6.11	4.60 0.00 -4.93	12.50 -0.01 -2.93	16.65 -0.01 -2.25	26.41 0.01 -0.05	25.07 -0.01 -0.07	22.60 0.00 0.00	21.56 0.02 -0.11	18.82 -0.01 -0.56	21.18 0.01 -0.06	18.98 0.01 -1.50	10.41 0.01 -3.14	9.70 0.01 -4.99	16.34 0.00 -3.62	43.36 0.01 -0.04	87.39 0.23 -2.72	39.52 -0.04 -1.03	28.29 -0.06 -2.18	31.07 -0.13 -0.04	31.51 -0.19 -0.15	30.77 -0.20 -0.15	22.33 -0.12 -3.83

PROJECT___ORANGE 2 24166	6.82 0.00 -4.50	4.73 0.00 -5.05	2.43 0.00 -6.11	4.60 0.00 -4.93	12.50 -0.01 -2.93	16.65 -0.01 -2.25	26.41 0.01 -0.05	25.07 -0.01 -0.07	22.60 0.00 0.00	21.56 0.02 -0.11	18.82 -0.01 -0.56	21.18 0.01 -0.06	18.98 0.01 -1.50	10.41 0.01 -3.14	9.70 0.01 -4.99	16.34 0.00 -3.62	43.36 0.01 -0.04	87.39 0.23 -2.72	39.52 -0.04 -1.03	28.29 -0.06 -2.18	31.07 -0.13 -0.04	31.51 -0.19 -0.15	30.77 -0.20 -0.15	22.33 -0.12 -3.83
PUCKETT___SOLAR 323809	12.65 0.05 -10.28	11.20 -0.01 -11.52	10.19 -0.08 -13.95	10.92 -0.01 -11.26	16.45 0.18 -6.69	19.77 0.23 -5.14	27.04 0.58 -0.12	25.74 0.57 -0.15	23.09 0.49 0.00	22.11 0.44 -0.25	19.83 0.29 -1.27	21.55 0.31 -0.13	21.15 0.26 -3.42	14.56 0.13 -7.17	16.19 0.09 -11.40	21.24 0.26 -8.27	44.47 1.07 -0.10	93.60 2.94 -6.22	41.96 1.08 -2.34	31.79 0.64 -4.97	31.88 0.62 -0.10	32.39 0.50 -0.34	31.66 0.50 -0.35	27.71 0.34 -8.75
PYRITES___HYD 24023	3.50 -0.09 -1.27	1.12 0.01 -1.42	-1.79 0.17 -1.72	1.05 -0.01 -1.39	9.99 -0.41 -0.83	14.24 -0.80 -0.63	24.73 -1.63 -0.02	23.86 -1.18 -0.02	21.75 -0.84 0.00	20.35 -1.11 -0.03	17.59 -0.84 -0.16	20.33 -0.80 -0.02	17.13 -0.76 -0.42	7.78 -0.37 -0.88	5.83 -0.28 -1.41	13.04 -0.71 -1.02	41.38 -1.94 -0.01	79.19 -6.02 -0.77	36.88 -1.95 -0.29	25.71 -1.09 -0.61	30.63 -0.54 -0.01	31.56 -0.02 -0.04	31.00 0.14 -0.04	19.93 0.23 -1.08
QUAKERRD_115KV_BK1 80622	7.66 -0.02 -5.36	5.70 0.00 -6.01	3.61 0.02 -7.27	5.54 0.00 -5.87	12.96 -0.11 -3.49	16.89 -0.20 -2.68	25.99 -0.41 -0.06	24.67 -0.42 -0.08	22.28 -0.31 0.00	21.25 -0.30 -0.13	18.60 -0.34 -0.66	20.82 -0.36 -0.07	18.96 -0.29 -1.79	10.88 -0.12 -3.74	10.58 -0.06 -5.94	16.79 -0.24 -4.31	42.51 -0.84 -0.05	86.21 -1.47 -3.24	38.72 -1.04 -1.22	28.01 -0.76 -2.59	30.33 -0.88 -0.05	30.82 -0.91 -0.18	30.13 -0.86 -0.18	22.65 -0.54 -4.57
QUENSBRY_115KV_TB8 356137	31.73 0.18 -29.23	32.43 -0.02 -32.76	35.71 -0.27 -39.66	31.65 -0.03 -32.01	29.32 0.71 -19.03	30.10 1.10 -14.60	28.78 2.11 -0.33	27.49 2.04 -0.44	24.37 1.78 0.00	23.79 1.64 -0.71	23.13 1.24 -3.62	22.99 1.52 -0.36	28.49 1.29 -9.73	28.14 0.49 -20.38	37.46 0.34 -32.42	37.10 0.87 -23.50	46.78 3.19 -0.28	108.24 6.11 -17.69	47.93 2.72 -6.66	42.11 1.80 -14.13	33.53 2.10 -0.28	34.76 2.24 -0.98	34.09 2.27 -1.00	45.05 1.54 -24.89
RAMAPO___LBMP 323565	25.12 0.08 -22.72	25.14 -0.01 -25.46	27.03 -0.12 -30.83	24.53 -0.01 -24.87	24.66 0.29 -14.79	26.22 0.47 -11.35	27.45 0.85 -0.25	26.13 0.77 -0.34	23.26 0.66 0.00	22.66 0.67 -0.55	21.71 0.63 -2.82	22.09 0.69 -0.28	25.64 0.61 -7.57	23.37 0.27 -15.84	30.07 0.18 -25.20	31.45 0.46 -18.27	45.06 1.53 -0.22	101.22 3.03 -13.75	45.33 1.61 -5.18	38.26 1.10 -10.98	32.57 1.20 -0.21	33.46 1.15 -0.76	32.64 1.04 -0.78	38.57 0.60 -19.34
RANKINE____ 23646	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.14 -4.16	17.71 0.11 -3.19	26.56 0.14 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.93 -0.13 -0.79	21.09 -0.10 -0.08	19.52 -0.07 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.67 -0.18 -5.13	42.77 -0.59 -0.06	87.53 -0.77 -3.86	38.93 -1.06 -1.46	28.45 -0.81 -3.09	30.33 -0.89 -0.06	30.91 -0.85 -0.21	30.29 -0.74 -0.22	23.58 -0.47 -5.44
RAVENSWOOD_GT2_1 24244	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT2_2 24245	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT2_3 24246	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.68 1.07 -0.26	26.33 0.96 -0.35	23.46 0.86 0.00	22.88 0.87 -0.57	22.02 0.83 -2.92	22.33 0.92 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.23 -26.09	32.22 0.58 -18.92	45.46 1.93 -0.23	102.39 3.71 -14.24	45.83 1.93 -5.36	38.89 1.33 -11.37	32.86 1.48 -0.22	33.77 1.44 -0.78	32.96 1.34 -0.81	39.42 0.77 -20.04
RAVENSWOOD_GT2_4 24247	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.68 1.07 -0.26	26.33 0.96 -0.35	23.46 0.86 0.00	22.88 0.87 -0.57	22.02 0.83 -2.92	22.33 0.92 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.23 -26.09	32.22 0.58 -18.92	45.46 1.93 -0.23	102.39 3.71 -14.24	45.83 1.93 -5.36	38.89 1.33 -11.37	32.86 1.48 -0.22	33.77 1.44 -0.78	32.96 1.34 -0.81	39.42 0.77 -20.04
RAVENSWOOD_GT3_1 24248	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT3_2 24249	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT3_3 24250	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.60 -11.75	27.70 1.09 -0.26	26.35 0.99 -0.35	23.48 0.88 0.00	22.90 0.90 -0.57	22.04 0.85 -2.92	22.35 0.95 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.02 0.23 -26.09	32.24 0.59 -18.92	45.51 1.98 -0.23	102.48 3.81 -14.24	45.87 1.97 -5.36	38.91 1.36 -11.37	32.89 1.51 -0.22	33.80 1.48 -0.78	32.99 1.37 -0.81	39.44 0.79 -20.04
RAVENSWOOD_GT3_4 24251	25.96 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.75 0.60 -11.75	27.70 1.09 -0.26	26.35 0.99 -0.35	23.48 0.88 0.00	22.90 0.90 -0.57	22.04 0.85 -2.92	22.35 0.95 -0.30	26.12 0.81 -7.84	24.03 0.35 -16.41	31.02 0.23 -26.09	32.24 0.59 -18.92	45.51 1.98 -0.23	102.48 3.81 -14.24	45.87 1.97 -5.36	38.91 1.36 -11.37	32.89 1.51 -0.22	33.80 1.48 -0.78	32.99 1.37 -0.81	39.44 0.79 -20.04

RAVENSWOOD_GT_1 23729	25.96 0.11 -23.53	26.05 -0.01 -26.37	28.10 -0.15 -31.93	25.42 -0.01 -25.76	25.27 0.37 -15.32	26.77 0.61 -11.75	27.72 1.12 -0.26	26.38 1.02 -0.35	23.52 0.92 0.00	22.94 0.93 -0.57	22.08 0.90 -2.92	22.40 0.99 -0.30	26.14 0.84 -7.84	24.03 0.36 -16.41	31.02 0.23 -26.09	32.24 0.60 -18.92	45.54 2.01 -0.23	102.56 3.89 -14.24	45.92 2.01 -5.36	38.92 1.37 -11.37	32.91 1.53 -0.22	33.82 1.50 -0.78	33.00 1.38 -0.81	39.45 0.79 -20.04
RAVENSWOOD_GT_10 24258	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT_11 24259	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT_4 24252	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.45 0.85 0.00	22.87 0.86 -0.57	22.01 0.82 -2.92	22.31 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.44 1.90 -0.23	102.33 3.66 -14.24	45.83 1.92 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.44 -0.78	32.94 1.32 -0.81	39.42 0.76 -20.04
RAVENSWOOD_GT_5 24254	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.45 0.85 0.00	22.87 0.86 -0.57	22.01 0.82 -2.92	22.31 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.44 1.90 -0.23	102.33 3.66 -14.24	45.83 1.92 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.44 -0.78	32.94 1.32 -0.81	39.42 0.76 -20.04
RAVENSWOOD_GT_6 24253	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.45 0.85 0.00	22.87 0.86 -0.57	22.01 0.82 -2.92	22.31 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.44 1.90 -0.23	102.33 3.66 -14.24	45.83 1.92 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.44 -0.78	32.94 1.32 -0.81	39.42 0.76 -20.04
RAVENSWOOD_GT_7 24255	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.14 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.67 1.07 -0.26	26.32 0.96 -0.35	23.45 0.85 0.00	22.87 0.86 -0.57	22.01 0.82 -2.92	22.31 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.44 1.90 -0.23	102.33 3.66 -14.24	45.83 1.92 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.44 -0.78	32.94 1.32 -0.81	39.42 0.76 -20.04
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD_GT_9 24257	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.44 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.08 0.78 -7.84	24.01 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.32 3.65 -14.24	45.83 1.92 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD___1 23533	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.05 -0.26	26.31 0.95 -0.35	23.46 0.86 0.00	22.89 0.88 -0.57	22.04 0.85 -2.92	22.35 0.95 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.46 1.92 -0.23	102.37 3.69 -14.24	45.84 1.93 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD___2 23534	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.05 -0.26	26.31 0.95 -0.35	23.46 0.86 0.00	22.89 0.88 -0.57	22.04 0.85 -2.92	22.35 0.95 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.46 1.92 -0.23	102.37 3.69 -14.24	45.84 1.93 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD___3 23535	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.06 -0.26	26.32 0.96 -0.35	23.45 0.85 0.00	22.87 0.86 -0.57	22.02 0.83 -2.92	22.32 0.91 -0.30	26.09 0.78 -7.84	24.02 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.43 1.90 -0.23	102.33 3.66 -14.24	45.83 1.93 -5.36	38.87 1.31 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RAVENSWOOD___4 23820	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.74 0.58 -11.75	27.66 1.05 -0.26	26.31 0.95 -0.35	23.46 0.86 0.00	22.89 0.88 -0.57	22.04 0.85 -2.92	22.35 0.95 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.46 1.92 -0.23	102.37 3.69 -14.24	45.84 1.93 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
RCPI_TRUST___DRP 24196	25.96 0.10 -23.53	26.04 -0.01 -26.37	28.10 -0.14 -31.92	25.42 -0.01 -25.76	25.26 0.37 -15.32	26.77 0.61 -11.75	27.73 1.13 -0.26	26.37 1.01 -0.35	23.49 0.89 0.00	22.92 0.91 -0.57	22.05 0.86 -2.92	22.35 0.95 -0.30	26.11 0.80 -7.83	24.02 0.35 -16.41	31.02 0.23 -26.09	32.23 0.59 -18.92	45.50 1.97 -0.23	102.45 3.78 -14.24	45.87 1.97 -5.36	38.90 1.35 -11.37	32.88 1.50 -0.22	33.79 1.47 -0.78	32.97 1.35 -0.81	39.42 0.77 -20.04
RED___ROCHESTER 323720	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.30 0.17 -3.55	17.35 0.22 -2.72	26.76 0.35 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.88 0.32 -0.13	19.14 0.19 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.08 -3.80	10.81 0.07 -6.04	17.21 0.11 -4.38	43.76 0.40 -0.05	88.79 1.05 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.70 -0.02 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64

REGAN___SOLAR 323812	36.35 0.14 -33.89	37.65 -0.02 -37.98	42.06 -0.24 -45.98	36.75 -0.02 -37.10	32.26 0.62 -22.06	32.34 1.00 -16.93	28.61 1.88 -0.38	27.34 1.82 -0.51	24.13 1.53 0.00	23.71 1.45 -0.83	23.67 1.19 -4.20	22.80 1.27 -0.42	29.87 1.12 -11.28	31.35 0.45 -23.63	42.60 0.32 -37.58	40.88 0.91 -27.25	47.19 3.56 -0.33	111.90 6.96 -20.51	49.33 3.06 -7.73	44.67 2.11 -16.38	33.95 2.48 -0.32	35.19 2.52 -1.13	34.33 2.35 -1.16	48.87 1.39 -28.86
RENSSELAER___COGEN 23796	30.72 0.05 -28.35	31.45 -0.01 -31.77	34.70 -0.08 -38.46	30.70 0.00 -31.03	28.26 0.23 -18.45	28.92 0.36 -14.16	27.30 0.64 -0.32	26.01 0.58 -0.42	23.02 0.42 0.00	22.56 0.44 -0.69	22.15 0.36 -3.51	21.87 0.40 -0.35	27.26 0.35 -9.44	27.18 0.15 -19.76	36.21 0.08 -31.43	35.77 0.26 -22.79	44.39 0.81 -0.28	102.98 1.39 -17.15	45.72 0.71 -6.46	40.40 0.52 -13.70	32.06 0.64 -0.27	33.09 0.60 -0.94	32.45 0.67 -0.97	43.08 0.32 -24.14
REPUBLIC_115KV_BARTNBRK 55605	31.84 0.30 -29.22	32.40 -0.03 -32.75	35.51 -0.45 -39.64	31.61 -0.05 -31.99	29.77 1.17 -19.02	30.83 1.83 -14.59	30.16 3.49 -0.33	28.71 3.27 -0.44	25.53 2.93 0.00	24.79 2.64 -0.71	23.90 2.01 -3.62	23.90 2.42 -0.36	29.12 1.92 -9.73	28.36 0.73 -20.37	37.61 0.51 -32.40	37.54 1.33 -23.49	48.54 4.95 -0.28	111.58 9.46 -17.68	49.26 4.06 -6.66	42.96 2.66 -14.12	34.51 3.08 -0.28	35.92 3.40 -0.97	35.15 3.33 -1.00	45.63 2.14 -24.88
REVERE_CPPR_DRP 24186	4.84 0.03 -2.49	2.47 0.00 -2.79	-0.36 -0.05 -3.37	2.39 0.00 -2.72	11.40 0.21 -1.62	16.00 0.36 -1.24	27.08 0.71 -0.03	25.77 0.72 -0.04	23.31 0.71 0.00	22.14 0.65 -0.06	19.10 0.52 -0.31	21.76 0.62 -0.03	18.73 0.43 -0.83	9.14 0.14 -1.73	7.53 0.08 -2.76	15.08 0.36 -2.00	44.82 1.49 -0.02	88.93 2.99 -1.50	40.26 1.16 -0.57	28.21 0.83 -1.20	32.00 0.82 -0.02	32.47 0.84 -0.08	31.73 0.83 -0.08	21.26 0.52 -2.12
REYNOLDS_115KV_TB3 80639	30.77 0.06 -28.39	31.49 -0.01 -31.81	34.74 -0.09 -38.51	30.74 -0.01 -31.08	28.31 0.25 -18.48	28.98 0.40 -14.18	27.36 0.70 -0.32	26.07 0.63 -0.42	23.09 0.49 0.00	22.63 0.51 -0.69	22.22 0.43 -3.52	21.95 0.48 -0.36	27.35 0.42 -9.45	27.24 0.18 -19.79	36.28 0.11 -31.48	35.88 0.34 -22.82	44.66 1.08 -0.28	103.49 1.88 -17.17	45.94 0.93 -6.47	40.56 0.66 -13.72	32.24 0.82 -0.27	33.31 0.82 -0.95	32.64 0.85 -0.97	43.26 0.47 -24.17
RIVERBAY____ 323610	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.08 -0.17 -31.93	25.42 -0.02 -25.76	25.33 0.44 -15.32	26.87 0.71 -11.75	27.93 1.32 -0.26	26.59 1.22 -0.35	23.68 1.08 0.00	23.05 1.05 -0.57	22.17 0.98 -2.92	22.32 0.92 -0.30	26.12 0.82 -7.84	24.01 0.34 -16.41	31.03 0.23 -26.09	32.26 0.62 -18.92	45.61 2.08 -0.23	102.70 4.03 -14.24	45.92 2.02 -5.36	38.89 1.33 -11.37	32.86 1.48 -0.22	33.81 1.48 -0.78	33.03 1.41 -0.81	39.42 0.76 -20.04
RIVERSDE_115KV_TB3 55908	30.83 0.06 -28.45	31.57 -0.01 -31.88	34.84 -0.08 -38.60	30.82 0.00 -31.15	28.35 0.25 -18.52	29.00 0.38 -14.21	27.35 0.68 -0.32	26.06 0.62 -0.42	23.08 0.48 0.00	22.61 0.49 -0.69	22.22 0.42 -3.53	21.93 0.46 -0.36	27.35 0.40 -9.47	27.27 0.17 -19.84	36.34 0.10 -31.55	35.90 0.31 -22.87	44.55 0.97 -0.28	103.35 1.70 -17.21	45.88 0.85 -6.49	40.53 0.60 -13.75	32.17 0.74 -0.27	33.21 0.72 -0.95	32.57 0.78 -0.98	43.24 0.40 -24.22
ROARING___BROOK_WT_PWR 323790	2.83 -0.09 -0.61	0.38 0.01 -0.68	-2.70 0.16 -0.82	0.34 0.00 -0.67	9.63 -0.35 -0.39	14.13 -0.58 -0.30	25.20 -1.15 -0.01	24.10 -0.92 -0.01	21.88 -0.72 0.00	20.61 -0.83 -0.02	17.70 -0.64 -0.07	20.45 -0.67 -0.01	17.02 -0.66 -0.20	7.37 -0.32 -0.42	5.15 -0.22 -0.67	12.70 -0.51 -0.49	41.72 -1.59 -0.01	80.67 -4.14 -0.37	36.98 -1.70 -0.14	25.35 -1.12 -0.29	30.16 -1.00 -0.01	30.82 -0.75 -0.02	30.28 -0.55 -0.02	18.90 -0.24 -0.52
ROCHESRG_115KV_T4 355643	7.79 0.04 -5.43	5.77 -0.01 -6.09	3.62 -0.07 -7.37	5.61 0.00 -5.95	13.21 0.10 -3.54	17.22 0.10 -2.71	26.51 0.10 -0.06	25.14 0.05 -0.08	22.72 0.13 0.00	21.66 0.09 -0.13	18.93 -0.01 -0.67	21.20 0.02 -0.07	19.29 0.02 -1.81	11.06 0.01 -3.79	10.74 0.02 -6.02	17.06 -0.03 -4.37	43.24 -0.11 -0.05	87.71 -0.01 -3.29	39.33 -0.46 -1.24	28.44 -0.37 -2.63	30.83 -0.38 -0.05	31.36 -0.37 -0.18	30.68 -0.32 -0.19	23.02 -0.22 -4.62
ROCHESTER_9_IC 23652	7.82 0.05 -5.45	5.79 -0.01 -6.11	3.63 -0.09 -7.39	5.63 -0.01 -5.97	13.27 0.15 -3.55	17.30 0.17 -2.72	26.66 0.25 -0.06	25.29 0.20 -0.08	22.86 0.26 0.00	21.79 0.23 -0.13	19.05 0.10 -0.67	21.33 0.15 -0.07	19.41 0.12 -1.81	11.12 0.05 -3.80	10.79 0.05 -6.04	17.16 0.05 -4.38	43.53 0.18 -0.05	88.32 0.58 -3.30	39.59 -0.20 -1.24	28.62 -0.20 -2.63	31.03 -0.17 -0.05	31.55 -0.17 -0.18	30.85 -0.15 -0.19	23.14 -0.12 -4.64
ROCKVIEW_13_KV_LD 356306	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.10 -0.14 -31.92	25.42 -0.01 -25.76	25.26 0.36 -15.32	26.76 0.60 -11.75	27.71 1.10 -0.26	26.37 1.01 -0.35	23.49 0.89 0.00	22.90 0.89 -0.57	22.03 0.84 -2.92	22.35 0.94 -0.30	26.12 0.81 -7.84	24.03 0.36 -16.41	31.03 0.24 -26.09	32.26 0.62 -18.92	45.61 2.07 -0.23	102.72 4.05 -14.24	45.98 2.08 -5.36	38.97 1.42 -11.37	32.96 1.58 -0.22	33.88 1.55 -0.78	33.06 1.44 -0.81	39.48 0.83 -20.04
ROME____115KV_TB2 80656	4.84 0.03 -2.49	2.47 0.00 -2.79	-0.36 -0.05 -3.37	2.39 0.00 -2.72	11.40 0.21 -1.62	16.00 0.36 -1.24	27.08 0.71 -0.03	25.77 0.72 -0.04	23.31 0.71 0.00	22.14 0.65 -0.06	19.10 0.52 -0.31	21.76 0.62 -0.03	18.73 0.43 -0.83	9.14 0.14 -1.73	7.53 0.08 -2.76	15.08 0.36 -2.00	44.82 1.49 -0.02	88.93 2.99 -1.50	40.26 1.16 -0.57	28.21 0.83 -1.20	32.00 0.82 -0.02	32.47 0.84 -0.08	31.73 0.83 -0.08	21.26 0.52 -2.12
ROSETON___1 23587	25.71 0.08 -23.31	25.80 -0.01 -26.13	27.84 -0.11 -31.63	25.18 -0.01 -25.52	25.04 0.28 -15.17	26.52 0.47 -11.64	27.46 0.85 -0.26	26.15 0.79 -0.35	23.28 0.68 0.00	22.69 0.69 -0.57	21.81 0.65 -2.89	22.12 0.72 -0.29	25.85 0.62 -7.76	23.79 0.27 -16.25	30.73 0.18 -25.85	31.94 0.48 -18.74	45.13 1.60 -0.23	101.65 3.11 -14.10	45.45 1.60 -5.31	38.54 1.10 -11.27	32.61 1.23 -0.22	33.52 1.21 -0.78	32.75 1.13 -0.80	39.12 0.65 -19.85
ROSETON___2 23588	25.71 0.08 -23.31	25.80 -0.01 -26.13	27.84 -0.11 -31.63	25.18 -0.01 -25.52	25.04 0.28 -15.17	26.52 0.47 -11.64	27.46 0.85 -0.26	26.15 0.79 -0.35	23.28 0.68 0.00	22.69 0.69 -0.57	21.81 0.65 -2.89	22.12 0.72 -0.29	25.85 0.62 -7.76	23.79 0.27 -16.25	30.73 0.18 -25.85	31.94 0.48 -18.74	45.13 1.60 -0.23	101.65 3.11 -14.10	45.45 1.60 -5.31	38.54 1.10 -11.27	32.61 1.23 -0.22	33.52 1.21 -0.78	32.75 1.13 -0.80	39.12 0.65 -19.85
ROTTDRAM_115KV_TB3 80664	31.94 0.07 -29.55	32.79 -0.01 -33.11	36.29 -0.12 -40.09	32.01 -0.01 -32.35	29.12 0.31 -19.23	29.64 0.47 -14.76	27.57 0.89 -0.33	26.30 0.85 -0.44	23.33 0.74 0.00	22.86 0.71 -0.72	22.54 0.60 -3.66	22.18 0.70 -0.37	27.90 0.60 -9.84	28.11 0.24 -20.60	37.63 0.17 -32.76	36.94 0.46 -23.76	45.16 1.57 -0.29	105.33 3.02 -17.88	46.70 1.42 -6.73	41.43 0.97 -14.28	32.58 1.15 -0.28	33.69 1.16 -0.99	32.97 1.14 -1.02	44.46 0.68 -25.16

RUSSELL___1 23602	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.31 0.18 -3.55	17.36 0.23 -2.72	26.76 0.36 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.89 0.33 -0.13	19.13 0.18 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.09 -3.80	10.81 0.07 -6.04	17.22 0.11 -4.38	43.77 0.41 -0.05	88.77 1.03 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64
RUSSELL___2 23532	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.31 0.18 -3.55	17.36 0.23 -2.72	26.76 0.36 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.89 0.33 -0.13	19.13 0.18 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.09 -3.80	10.81 0.07 -6.04	17.22 0.11 -4.38	43.77 0.41 -0.05	88.77 1.03 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64
RUSSELL___3 23549	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.31 0.18 -3.55	17.36 0.23 -2.72	26.76 0.36 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.89 0.33 -0.13	19.13 0.18 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.09 -3.80	10.81 0.07 -6.04	17.22 0.11 -4.38	43.77 0.41 -0.05	88.77 1.03 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64
RUSSELL___4 23556	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.31 0.18 -3.55	17.36 0.23 -2.72	26.76 0.36 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.89 0.33 -0.13	19.13 0.18 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.09 -3.80	10.81 0.07 -6.04	17.22 0.11 -4.38	43.77 0.41 -0.05	88.77 1.03 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64
RUSSELL___STATION 23914	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.31 0.18 -3.55	17.36 0.23 -2.72	26.76 0.36 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.89 0.33 -0.13	19.13 0.18 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.09 -3.80	10.81 0.07 -6.04	17.22 0.11 -4.38	43.77 0.41 -0.05	88.77 1.03 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64
S SALMON___HYD 24043	6.08 -0.05 -3.82	3.97 0.01 -4.28	1.59 0.09 -5.18	3.86 0.01 -4.18	11.94 -0.13 -2.48	16.18 -0.13 -1.91	26.12 -0.27 -0.04	24.84 -0.23 -0.06	22.43 -0.17 0.00	21.35 -0.17 -0.09	18.52 -0.23 -0.47	20.84 -0.31 -0.05	18.38 -0.37 -1.27	9.71 -0.21 -2.66	8.79 -0.14 -4.23	15.58 -0.21 -3.07	42.81 -0.53 -0.04	85.97 -0.78 -2.31	38.79 -0.62 -0.87	27.67 -0.36 -1.85	30.60 -0.59 -0.04	31.07 -0.60 -0.13	30.42 -0.53 -0.13	21.62 -0.25 -3.25
S.PERRY___115KV_TB1 80734	9.05 0.10 -6.63	7.11 -0.01 -7.44	5.16 -0.17 -9.00	6.93 -0.01 -7.27	14.28 0.38 -4.32	18.23 0.51 -3.31	27.47 1.06 -0.07	26.05 0.93 -0.10	23.44 0.84 0.00	22.22 0.63 -0.16	19.46 0.36 -0.82	21.67 0.48 -0.08	20.09 0.41 -2.21	12.11 0.22 -4.63	12.21 0.15 -7.36	18.39 0.33 -5.34	44.88 1.51 -0.06	91.97 3.52 -4.01	41.20 1.14 -1.51	30.08 0.69 -3.21	31.89 0.67 -0.06	32.34 0.58 -0.22	31.57 0.53 -0.23	24.60 0.33 -5.65
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	8.61 0.04 -6.25	6.68 -0.01 -7.00	4.70 -0.09 -8.47	6.51 0.00 -6.84	13.72 0.08 -4.06	17.54 0.02 -3.12	26.34 -0.07 -0.07	24.95 -0.15 -0.09	22.57 -0.03 0.00	21.48 -0.10 -0.15	18.78 -0.27 -0.77	20.94 -0.25 -0.08	19.34 -0.21 -2.08	11.56 -0.06 -4.35	11.59 -0.03 -6.93	17.47 -0.27 -5.02	42.41 -0.95 -0.06	86.63 -1.59 -3.78	38.53 -1.43 -1.42	28.16 -1.04 -3.02	30.10 -1.12 -0.06	30.68 -1.08 -0.21	30.10 -0.93 -0.21	23.34 -0.59 -5.32
SAWYER___23_KV_LOAD 55526	8.61 0.04 -6.25	6.68 -0.01 -7.00	4.70 -0.09 -8.47	6.51 0.00 -6.84	13.72 0.08 -4.06	17.54 0.02 -3.12	26.34 -0.07 -0.07	24.95 -0.15 -0.09	22.57 -0.03 0.00	21.48 -0.10 -0.15	18.78 -0.27 -0.77	20.94 -0.25 -0.08	19.34 -0.21 -2.08	11.56 -0.06 -4.35	11.59 -0.03 -6.93	17.47 -0.27 -5.02	42.41 -0.95 -0.06	86.63 -1.59 -3.78	38.53 -1.43 -1.42	28.16 -1.04 -3.02	30.10 -1.12 -0.06	30.68 -1.08 -0.21	30.10 -0.93 -0.21	23.34 -0.59 -5.32
SELKIRK___I 23801	30.65 0.05 -28.27	31.36 -0.01 -31.68	34.59 -0.08 -38.36	30.62 0.00 -30.95	28.21 0.23 -18.40	28.88 0.36 -14.12	27.29 0.63 -0.32	26.01 0.57 -0.42	23.05 0.46 0.00	22.58 0.46 -0.69	22.18 0.40 -3.50	21.91 0.44 -0.35	27.27 0.38 -9.41	27.14 0.17 -19.71	36.15 0.10 -31.35	35.75 0.30 -22.73	44.55 0.97 -0.27	103.30 1.76 -17.11	45.87 0.88 -6.44	40.47 0.62 -13.66	32.17 0.75 -0.27	33.22 0.74 -0.94	32.54 0.75 -0.97	43.10 0.41 -24.07
SELKIRK___II 23799	30.62 0.05 -28.25	31.34 -0.01 -31.66	34.56 -0.08 -38.33	30.60 0.00 -30.93	28.20 0.24 -18.39	28.88 0.37 -14.11	27.31 0.65 -0.31	26.04 0.60 -0.42	23.06 0.46 0.00	22.59 0.47 -0.69	22.18 0.41 -3.50	21.91 0.44 -0.35	27.26 0.38 -9.41	27.13 0.17 -19.70	36.12 0.10 -31.32	35.74 0.30 -22.71	44.55 0.97 -0.27	103.30 1.77 -17.09	45.86 0.88 -6.44	40.45 0.62 -13.65	32.18 0.75 -0.27	33.22 0.74 -0.94	32.54 0.76 -0.97	43.07 0.40 -24.06
SENECA OSWGO___HYD 24041	6.52 -0.02 -4.22	4.42 0.00 -4.73	2.08 0.03 -5.72	4.30 0.00 -4.62	12.24 -0.09 -2.75	16.38 -0.13 -2.11	26.17 -0.22 -0.05	24.85 -0.22 -0.06	22.40 -0.19 0.00	21.37 -0.16 -0.10	18.63 -0.17 -0.52	20.99 -0.18 -0.05	18.73 -0.15 -1.41	10.14 -0.07 -2.94	9.33 -0.05 -4.68	15.99 -0.12 -3.39	42.92 -0.42 -0.04	86.39 -0.60 -2.55	39.08 -0.42 -0.96	27.91 -0.31 -2.04	30.78 -0.41 -0.04	31.21 -0.47 -0.14	30.48 -0.48 -0.14	21.92 -0.29 -3.59
SENECA___115KV_TB3 355854	8.76 0.05 -6.38	6.83 -0.01 -7.15	4.87 -0.11 -8.66	6.66 0.00 -6.99	13.88 0.15 -4.16	17.73 0.13 -3.19	26.61 0.19 -0.07	25.19 0.08 -0.09	22.76 0.16 0.00	21.68 0.09 -0.16	18.96 -0.10 -0.79	21.13 -0.06 -0.08	19.56 -0.04 -2.13	11.73 0.01 -4.45	11.79 0.01 -7.08	17.69 -0.16 -5.13	42.85 -0.52 -0.06	87.69 -0.61 -3.86	39.01 -0.99 -1.46	28.50 -0.77 -3.09	30.38 -0.83 -0.06	30.96 -0.80 -0.21	30.34 -0.69 -0.22	23.62 -0.44 -5.44
SENECA___ENERGY 23797	7.83 0.01 -5.50	5.85 0.00 -6.16	3.75 -0.03 -7.46	5.69 0.00 -6.02	13.20 0.05 -3.58	17.21 0.06 -2.74	26.58 0.17 -0.06	25.21 0.12 -0.08	22.71 0.11 0.00	21.65 0.08 -0.13	18.99 0.03 -0.68	21.26 0.08 -0.07	19.38 0.08 -1.83	11.14 0.05 -3.83	10.82 0.03 -6.10	17.19 0.05 -4.42	43.55 0.19 -0.05	88.45 0.69 -3.33	39.95 0.15 -1.25	28.87 0.03 -2.66	31.17 -0.04 -0.05	31.60 -0.12 -0.18	30.84 -0.16 -0.19	23.20 -0.09 -4.68
SHOEMAKER___GT 23640	24.13 0.07 -21.74	24.04 -0.01 -24.36	25.71 -0.10 -29.49	23.46 -0.01 -23.80	23.99 0.26 -14.15	25.68 0.41 -10.86	27.35 0.76 -0.24	26.03 0.70 -0.32	23.19 0.59 0.00	22.54 0.58 -0.53	21.48 0.51 -2.69	21.94 0.56 -0.27	25.20 0.49 -7.24	22.64 0.22 -15.16	28.95 0.15 -24.10	30.59 0.39 -17.48	44.89 1.37 -0.21	100.36 2.77 -13.15	44.93 1.43 -4.96	37.66 0.97 -10.50	32.45 1.09 -0.20	33.34 1.07 -0.72	32.55 0.99 -0.75	37.69 0.56 -18.51

SHOEMAKR_138KV_BK 111 55601	24.00 0.07 -21.61	23.90 -0.01 -24.22	25.54 -0.10 -29.32	23.32 -0.01 -23.66	23.90 0.25 -14.07	25.61 0.41 -10.79	27.33 0.75 -0.24	26.02 0.69 -0.32	23.18 0.58 0.00	22.53 0.57 -0.53	21.48 0.53 -2.68	21.94 0.56 -0.27	25.16 0.49 -7.20	22.55 0.22 -15.07	28.81 0.15 -23.96	30.49 0.39 -17.37	44.87 1.35 -0.21	100.25 2.74 -13.08	44.88 1.41 -4.93	37.59 0.96 -10.44	32.44 1.07 -0.20	33.32 1.05 -0.72	32.51 0.96 -0.74	37.57 0.54 -18.40
SHOREHAM_IC_1 23715	26.07 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.61 0.71 -15.32	27.29 1.13 -11.76	28.73 2.13 -0.26	27.16 1.80 -0.35	24.22 1.62 0.00	23.45 1.45 -0.57	22.83 1.54 -3.02	22.57 1.65 0.19	25.61 1.36 -6.77	26.77 0.63 -18.87	31.82 0.41 -26.71	33.29 1.14 -19.43	47.42 3.88 -0.24	117.14 7.44 -25.26	47.63 3.71 -5.38	40.10 2.54 -11.38	34.22 2.84 -0.22	35.31 2.98 -0.79	34.40 2.77 -0.82	49.35 1.67 -29.05
SHOREHAM_IC_2 23716	26.07 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.61 0.71 -15.32	27.29 1.13 -11.76	28.73 2.13 -0.26	27.16 1.80 -0.35	24.22 1.62 0.00	23.45 1.45 -0.57	22.83 1.54 -3.02	22.57 1.65 0.19	25.61 1.36 -6.77	26.77 0.63 -18.87	31.82 0.41 -26.71	33.29 1.14 -19.43	47.42 3.88 -0.24	117.14 7.44 -25.26	47.63 3.71 -5.38	40.10 2.54 -11.38	34.22 2.84 -0.22	35.31 2.98 -0.79	34.40 2.77 -0.82	49.35 1.67 -29.05
SISSONVILLE____ 23735	3.50 -0.13 -1.30	1.16 0.01 -1.46	-1.68 0.23 -1.77	1.10 0.00 -1.43	9.88 -0.55 -0.85	14.08 -0.98 -0.65	24.36 -2.00 -0.02	23.49 -1.54 -0.02	21.43 -1.17 0.00	20.09 -1.37 -0.03	17.38 -1.05 -0.16	20.07 -1.06 -0.02	16.91 -1.00 -0.43	7.70 -0.48 -0.91	5.80 -0.34 -1.45	12.89 -0.88 -1.05	40.71 -2.61 -0.01	77.93 -7.30 -0.79	36.22 -2.62 -0.30	25.30 -1.51 -0.63	30.06 -1.12 -0.01	30.97 -0.62 -0.04	30.44 -0.42 -0.05	19.64 -0.09 -1.11
SITHE_IND_GS1 24169	5.97 -0.05 -3.69	3.83 0.00 -4.14	1.40 0.07 -5.01	3.72 0.01 -4.04	11.79 -0.19 -2.41	15.96 -0.29 -1.85	25.86 -0.52 -0.04	24.56 -0.51 -0.06	22.15 -0.45 0.00	21.10 -0.42 -0.09	18.35 -0.38 -0.46	20.73 -0.43 -0.05	18.35 -0.35 -1.23	9.70 -0.15 -2.58	8.70 -0.10 -4.10	15.41 -0.28 -2.97	42.36 -0.98 -0.04	84.88 -1.79 -2.23	38.46 -0.93 -0.84	27.32 -0.65 -1.79	30.40 -0.79 -0.03	30.85 -0.81 -0.12	30.14 -0.80 -0.13	21.29 -0.48 -3.15
SITHE_IND_GS2 24170	5.97 -0.05 -3.69	3.83 0.00 -4.14	1.40 0.07 -5.01	3.72 0.01 -4.04	11.79 -0.19 -2.41	15.96 -0.29 -1.85	25.86 -0.52 -0.04	24.56 -0.51 -0.06	22.15 -0.45 0.00	21.10 -0.42 -0.09	18.35 -0.38 -0.46	20.73 -0.43 -0.05	18.35 -0.35 -1.23	9.70 -0.15 -2.58	8.70 -0.10 -4.10	15.41 -0.28 -2.97	42.36 -0.98 -0.04	84.88 -1.79 -2.23	38.46 -0.93 -0.84	27.32 -0.65 -1.79	30.40 -0.79 -0.03	30.85 -0.81 -0.12	30.14 -0.80 -0.13	21.29 -0.48 -3.15
SITHE_IND_GS3 24171	5.97 -0.05 -3.69	3.83 0.00 -4.14	1.40 0.07 -5.01	3.72 0.01 -4.04	11.79 -0.19 -2.41	15.96 -0.29 -1.85	25.86 -0.52 -0.04	24.56 -0.51 -0.06	22.15 -0.45 0.00	21.10 -0.42 -0.09	18.35 -0.38 -0.46	20.73 -0.43 -0.05	18.35 -0.35 -1.23	9.70 -0.15 -2.58	8.70 -0.10 -4.10	15.41 -0.28 -2.97	42.36 -0.98 -0.04	84.88 -1.79 -2.23	38.46 -0.93 -0.84	27.32 -0.65 -1.79	30.40 -0.79 -0.03	30.85 -0.81 -0.12	30.14 -0.80 -0.13	21.29 -0.48 -3.15
SITHE_IND_GS4 24172	5.97 -0.05 -3.69	3.83 0.00 -4.14	1.40 0.07 -5.01	3.72 0.01 -4.04	11.79 -0.19 -2.41	15.96 -0.29 -1.85	25.86 -0.52 -0.04	24.56 -0.51 -0.06	22.15 -0.45 0.00	21.10 -0.42 -0.09	18.35 -0.38 -0.46	20.73 -0.43 -0.05	18.35 -0.35 -1.23	9.70 -0.15 -2.58	8.70 -0.10 -4.10	15.41 -0.28 -2.97	42.36 -0.98 -0.04	84.88 -1.79 -2.23	38.46 -0.93 -0.84	27.32 -0.65 -1.79	30.40 -0.79 -0.03	30.85 -0.81 -0.12	30.14 -0.80 -0.13	21.29 -0.48 -3.15
SITHE____BATAVIA 24024	8.25 0.08 -5.84	6.22 -0.01 -6.54	4.09 -0.16 -7.92	6.06 0.00 -6.39	13.65 0.27 -3.80	17.68 0.35 -2.92	26.98 0.57 -0.07	25.61 0.51 -0.09	23.19 0.60 0.00	22.08 0.51 -0.14	19.29 0.30 -0.72	21.57 0.39 -0.07	19.67 0.25 -1.95	11.43 0.09 -4.07	11.27 0.09 -6.48	17.55 0.13 -4.70	43.91 0.55 -0.06	89.36 1.39 -3.53	39.88 0.01 -1.33	28.95 -0.05 -2.82	31.22 0.01 -0.05	31.74 0.00 -0.19	31.09 0.07 -0.20	23.55 -0.04 -4.97
SITHE____INDEPEND 23800	5.97 -0.05 -3.69	3.83 0.00 -4.14	1.40 0.07 -5.01	3.72 0.01 -4.04	11.79 -0.19 -2.41	15.96 -0.29 -1.85	25.86 -0.52 -0.04	24.56 -0.51 -0.06	22.15 -0.45 0.00	21.10 -0.42 -0.09	18.35 -0.38 -0.46	20.73 -0.42 -0.05	18.35 -0.36 -1.23	9.70 -0.15 -2.58	8.70 -0.10 -4.10	15.41 -0.28 -2.97	42.36 -0.99 -0.04	84.88 -1.79 -2.23	38.46 -0.93 -0.84	27.32 -0.65 -1.79	30.41 -0.78 -0.03	30.85 -0.81 -0.12	30.14 -0.80 -0.13	21.29 -0.48 -3.15
SITHE____MASSENA 23902	3.23 -0.12 -1.02	0.85 0.01 -1.15	-2.08 0.21 -1.39	0.79 0.00 -1.12	9.70 -0.55 -0.67	13.89 -1.03 -0.51	24.28 -2.08 -0.01	23.41 -1.62 -0.02	21.35 -1.25 0.00	20.00 -1.45 -0.03	17.34 -1.06 -0.13	20.07 -1.05 -0.01	16.87 -0.94 -0.34	7.55 -0.43 -0.71	5.52 -0.31 -1.14	12.67 -0.88 -0.82	40.55 -2.77 -0.01	77.24 -7.82 -0.62	36.10 -2.67 -0.23	25.08 -1.60 -0.49	30.09 -1.08 -0.01	31.07 -0.51 -0.03	30.53 -0.32 -0.04	19.43 -0.06 -0.87
SITHE____OGDNSBRG 24021	3.43 -0.09 -1.20	1.04 0.01 -1.34	-1.89 0.17 -1.62	0.97 -0.01 -1.31	9.93 -0.43 -0.78	14.18 -0.83 -0.60	24.68 -1.68 -0.02	23.80 -1.23 -0.02	21.70 -0.90 0.00	20.27 -1.19 -0.03	17.53 -0.89 -0.15	20.27 -0.85 -0.02	17.07 -0.79 -0.40	7.72 -0.37 -0.83	5.74 -0.28 -1.33	12.94 -0.74 -0.96	41.25 -2.06 -0.01	78.84 -6.32 -0.72	36.79 -2.02 -0.27	25.61 -1.15 -0.58	30.60 -0.57 -0.01	31.56 -0.02 -0.04	31.00 0.14 -0.04	19.86 0.22 -1.02
SITHE____STERLING 23777	5.19 0.03 -2.83	2.85 -0.01 -3.17	0.10 -0.06 -3.84	2.76 -0.01 -3.10	11.61 0.19 -1.84	16.14 0.32 -1.41	27.02 0.64 -0.03	25.69 0.64 -0.04	23.21 0.61 0.00	22.07 0.57 -0.07	19.09 0.46 -0.35	21.69 0.54 -0.04	18.82 0.41 -0.94	9.39 0.15 -1.97	7.92 0.09 -3.14	15.31 0.32 -2.28	44.63 1.30 -0.03	88.77 2.62 -1.71	40.21 1.03 -0.64	28.25 0.70 -1.37	31.91 0.73 -0.03	32.35 0.71 -0.09	31.60 0.69 -0.10	21.45 0.42 -2.41
SLEIGHT__34_KV_TB1 80719	7.69 0.02 -5.35	5.68 0.00 -6.00	3.55 -0.03 -7.26	5.53 0.00 -5.86	13.10 0.04 -3.48	17.11 0.04 -2.67	26.48 0.08 -0.06	25.14 0.05 -0.08	22.71 0.11 0.00	21.66 0.10 -0.13	18.97 0.03 -0.66	21.26 0.08 -0.07	19.31 0.06 -1.78	11.02 0.03 -3.73	10.66 0.03 -5.93	17.04 0.02 -4.30	43.46 0.10 -0.05	88.07 0.40 -3.24	39.63 -0.14 -1.22	28.62 -0.15 -2.59	31.02 -0.19 -0.05	31.48 -0.24 -0.18	30.74 -0.25 -0.18	23.00 -0.18 -4.56
SOUTH CAIRO____GT 23612	29.48 0.18 -26.97	29.89 -0.02 -30.23	32.64 -0.28 -36.60	29.19 -0.01 -29.53	27.91 0.77 -17.56	29.07 1.19 -13.47	28.88 2.23 -0.30	27.60 2.19 -0.40	24.42 1.82 0.00	23.78 1.69 -0.66	22.87 1.25 -3.34	22.82 1.37 -0.34	27.57 1.12 -8.98	26.63 0.56 -18.81	34.97 0.36 -29.91	35.64 1.23 -21.69	48.00 4.43 -0.26	109.44 8.68 -16.32	48.55 3.86 -6.15	41.81 2.59 -13.04	34.49 3.08 -0.25	35.46 3.01 -0.90	34.70 2.96 -0.93	43.24 1.65 -22.97

SOUTH HAMPTN___IC 23720	26.10 0.24 -23.54	26.04 -0.03 -26.38	27.92 -0.34 -31.93	25.41 -0.03 -25.77	25.76 0.85 -15.32	27.52 1.36 -11.76	29.16 2.55 -0.26	27.59 2.22 -0.35	24.60 2.01 0.00	23.82 1.82 -0.57	23.15 1.86 -3.02	22.92 2.01 0.19	25.87 1.65 -6.76	26.87 0.75 -18.85	31.89 0.50 -26.70	33.52 1.38 -19.42	48.28 4.74 -0.24	118.90 9.22 -25.25	48.44 4.52 -5.38	40.65 3.09 -11.38	34.87 3.49 -0.22	35.95 3.62 -0.79	35.01 3.38 -0.82	49.69 2.02 -29.05
SOUTHDOW_115KV_TB1 355954	9.07 0.11 -6.64	7.11 -0.01 -7.44	5.13 -0.20 -9.00	6.93 -0.01 -7.27	14.34 0.44 -4.32	18.32 0.60 -3.31	27.64 1.22 -0.07	26.10 0.99 -0.10	23.57 0.98 0.00	22.44 0.85 -0.16	19.61 0.51 -0.82	21.80 0.60 -0.08	20.22 0.54 -2.21	12.18 0.29 -4.63	12.25 0.19 -7.36	18.39 0.33 -5.34	44.64 1.27 -0.06	91.69 3.24 -4.02	40.87 0.81 -1.51	29.79 0.40 -3.21	31.67 0.45 -0.06	32.26 0.49 -0.22	31.52 0.48 -0.23	24.55 0.28 -5.65
SOUTHOLD_69_KV_BK 2 55809	26.13 0.27 -23.54	26.03 -0.03 -26.38	27.88 -0.38 -31.93	25.41 -0.03 -25.77	25.87 0.97 -15.32	27.69 1.53 -11.76	29.49 2.88 -0.26	27.90 2.54 -0.35	24.90 2.30 0.00	24.10 2.10 -0.57	23.40 2.11 -3.02	23.20 2.29 0.19	26.07 1.84 -6.76	26.96 0.84 -18.85	31.95 0.55 -26.70	33.69 1.55 -19.42	48.93 5.39 -0.24	120.28 10.60 -25.25	49.07 5.15 -5.38	41.09 3.53 -11.38	35.37 3.99 -0.22	36.44 4.11 -0.79	35.47 3.84 -0.82	49.97 2.30 -29.05
SOUTHOLD___IC 23719	26.13 0.27 -23.54	26.03 -0.03 -26.38	27.88 -0.38 -31.93	25.41 -0.03 -25.77	25.87 0.97 -15.32	27.69 1.53 -11.76	29.49 2.88 -0.26	27.90 2.54 -0.35	24.90 2.30 0.00	24.10 2.10 -0.57	23.38 2.09 -3.02	23.17 2.25 0.19	26.06 1.83 -6.76	26.96 0.84 -18.85	31.95 0.55 -26.70	33.69 1.55 -19.42	48.92 5.38 -0.24	120.28 10.59 -25.25	49.07 5.16 -5.38	41.08 3.52 -11.38	35.37 3.99 -0.22	36.44 4.11 -0.79	35.47 3.84 -0.82	49.96 2.29 -29.05
SOUTH_FORK_WT_PWR 323839	26.14 0.28 -23.54	26.03 -0.03 -26.38	27.86 -0.39 -31.93	25.41 -0.03 -25.77	25.90 1.00 -15.32	27.74 1.58 -11.76	29.57 2.97 -0.26	27.98 2.62 -0.35	24.98 2.38 0.00	24.17 2.16 -0.57	23.44 2.15 -3.02	23.25 2.33 0.19	26.13 1.89 -6.76	26.98 0.86 -18.85	31.97 0.57 -26.70	33.74 1.60 -19.42	49.10 5.56 -0.24	120.62 10.93 -25.25	49.23 5.31 -5.38	41.19 3.63 -11.38	35.50 4.12 -0.22	36.57 4.24 -0.79	35.60 3.97 -0.82	50.03 2.36 -29.05
SPIERFLS_115KV_TB 1 80737	31.74 0.16 -29.26	32.46 -0.02 -32.79	35.78 -0.24 -39.70	31.68 -0.03 -32.03	29.24 0.61 -19.05	29.97 0.95 -14.61	28.49 1.82 -0.33	27.23 1.78 -0.44	24.13 1.54 0.00	23.55 1.41 -0.71	22.96 1.06 -3.63	22.77 1.30 -0.37	28.31 1.09 -9.74	28.07 0.40 -20.40	37.43 0.28 -32.45	36.97 0.72 -23.52	46.17 2.59 -0.28	107.11 4.97 -17.70	47.47 2.26 -6.67	41.82 1.50 -14.14	33.18 1.75 -0.28	34.37 1.85 -0.98	33.74 1.92 -1.01	44.89 1.35 -24.92
ST LAWRENCE___ 23600	3.14 -0.15 -0.97	0.79 0.02 -1.08	-2.10 0.27 -1.31	0.73 0.00 -1.06	9.51 -0.70 -0.63	13.63 -1.26 -0.48	23.85 -2.50 -0.01	23.00 -2.02 -0.01	20.97 -1.63 0.00	19.66 -1.80 -0.02	17.05 -1.34 -0.12	19.75 -1.38 -0.01	16.59 -1.21 -0.32	7.41 -0.53 -0.68	5.39 -0.38 -1.07	12.43 -1.08 -0.78	39.84 -3.47 -0.01	76.08 -8.94 -0.58	35.63 -3.13 -0.22	24.68 -1.97 -0.47	29.62 -1.55 -0.01	30.59 -0.98 -0.03	30.07 -0.78 -0.03	19.10 -0.34 -0.82
STATE_CA_115KV_115_LB 55624	31.01 0.06 -28.63	31.76 -0.01 -32.08	35.07 -0.09 -38.84	31.01 0.00 -31.34	28.48 0.27 -18.63	29.12 0.41 -14.30	27.41 0.75 -0.32	26.13 0.69 -0.43	23.13 0.53 0.00	22.67 0.55 -0.70	22.29 0.47 -3.55	21.98 0.52 -0.36	27.45 0.44 -9.53	27.42 0.19 -19.96	36.55 0.11 -31.75	36.07 0.33 -23.02	44.63 1.05 -0.28	103.65 1.89 -17.32	46.00 0.93 -6.53	40.68 0.66 -13.83	32.22 0.80 -0.27	33.26 0.76 -0.95	32.62 0.82 -0.98	43.40 0.40 -24.38
STATE_ST_34_KV_LOAD 55959	7.79 0.03 -5.45	5.79 0.00 -6.10	3.66 -0.04 -7.39	5.63 0.00 -5.96	13.23 0.10 -3.54	17.28 0.15 -2.72	26.73 0.33 -0.06	25.38 0.29 -0.08	22.87 0.27 0.00	21.82 0.26 -0.13	19.13 0.18 -0.67	21.42 0.24 -0.07	19.48 0.20 -1.81	11.15 0.10 -3.80	10.80 0.06 -6.04	17.24 0.14 -4.38	43.91 0.55 -0.05	89.12 1.39 -3.29	40.24 0.46 -1.24	29.08 0.27 -2.63	31.46 0.25 -0.05	31.91 0.19 -0.18	31.15 0.14 -0.19	23.34 0.09 -4.64
STATION 5_MISC_HYD 23604	7.82 0.05 -5.45	5.79 -0.01 -6.11	3.63 -0.09 -7.39	5.64 0.00 -5.97	13.27 0.14 -3.55	17.30 0.17 -2.72	26.65 0.25 -0.06	25.29 0.20 -0.08	22.86 0.26 0.00	21.78 0.22 -0.13	19.04 0.09 -0.67	21.33 0.15 -0.07	19.41 0.12 -1.81	11.12 0.05 -3.80	10.79 0.05 -6.04	17.15 0.04 -4.38	43.53 0.18 -0.05	88.32 0.58 -3.30	39.59 -0.19 -1.24	28.62 -0.20 -2.63	31.03 -0.17 -0.05	31.54 -0.18 -0.18	30.85 -0.15 -0.19	23.14 -0.12 -4.64
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	7.78 0.05 -5.42	5.75 -0.01 -6.07	3.59 -0.08 -7.35	5.60 -0.01 -5.93	13.27 0.16 -3.53	17.34 0.23 -2.71	26.83 0.42 -0.06	25.47 0.38 -0.08	23.00 0.41 0.00	21.93 0.37 -0.13	19.19 0.25 -0.67	21.51 0.33 -0.07	19.55 0.28 -1.80	11.16 0.12 -3.78	10.79 0.08 -6.01	17.25 0.17 -4.35	44.01 0.65 -0.05	89.27 1.56 -3.28	40.16 0.38 -1.23	28.99 0.19 -2.62	31.42 0.21 -0.05	31.88 0.16 -0.18	31.12 0.12 -0.19	23.28 0.05 -4.61
STA_56_34_KV_BUS2_REV_LBMP_B 345033	7.78 0.03 -5.43	5.77 0.00 -6.08	3.62 -0.06 -7.36	5.61 0.00 -5.94	13.20 0.09 -3.53	17.21 0.09 -2.71	26.51 0.10 -0.06	25.16 0.06 -0.08	22.73 0.13 0.00	21.68 0.12 -0.13	18.96 0.02 -0.67	21.23 0.05 -0.07	19.33 0.05 -1.81	11.07 0.02 -3.78	10.74 0.03 -6.02	17.08 0.00 -4.36	43.35 -0.01 -0.05	87.91 0.20 -3.28	39.44 -0.34 -1.24	28.51 -0.29 -2.62	30.91 -0.30 -0.05	31.40 -0.32 -0.18	30.71 -0.29 -0.19	23.03 -0.21 -4.62
STA_56___34_KV_BUS2 355983	7.78 0.03 -5.43	5.77 0.00 -6.08	3.62 -0.06 -7.36	5.61 0.00 -5.94	13.20 0.09 -3.53	17.21 0.09 -2.71	26.51 0.10 -0.06	25.16 0.06 -0.08	22.73 0.13 0.00	21.68 0.12 -0.13	18.96 0.02 -0.67	21.23 0.05 -0.07	19.33 0.05 -1.81	11.07 0.02 -3.78	10.74 0.03 -6.02	17.08 0.00 -4.36	43.35 -0.01 -0.05	87.91 0.20 -3.28	39.44 -0.34 -1.24	28.51 -0.29 -2.62	30.91 -0.30 -0.05	31.40 -0.32 -0.18	30.71 -0.29 -0.19	23.03 -0.21 -4.62
STA_67___115KV_BK2 355882	7.81 0.05 -5.45	5.79 -0.01 -6.11	3.63 -0.08 -7.39	5.63 0.00 -5.96	13.25 0.13 -3.55	17.27 0.15 -2.72	26.61 0.20 -0.06	25.24 0.15 -0.08	22.81 0.21 0.00	21.74 0.18 -0.13	19.01 0.06 -0.67	21.28 0.10 -0.07	19.37 0.09 -1.81	11.10 0.04 -3.80	10.78 0.04 -6.04	17.12 0.02 -4.38	43.44 0.08 -0.05	88.09 0.36 -3.30	39.49 -0.29 -1.24	28.56 -0.25 -2.63	30.97 -0.24 -0.05	31.48 -0.24 -0.18	30.79 -0.21 -0.19	23.10 -0.16 -4.64
STA_7___115KV_9TRANS 80674	7.83 0.06 -5.45	5.79 -0.01 -6.11	3.61 -0.10 -7.40	5.63 -0.01 -5.97	13.31 0.18 -3.55	17.36 0.23 -2.72	26.76 0.36 -0.06	25.39 0.30 -0.08	22.95 0.36 0.00	21.89 0.33 -0.13	19.13 0.18 -0.67	21.43 0.25 -0.07	19.49 0.21 -1.81	11.15 0.09 -3.80	10.81 0.07 -6.04	17.22 0.11 -4.38	43.77 0.41 -0.05	88.77 1.03 -3.30	39.80 0.02 -1.24	28.77 -0.04 -2.63	31.20 -0.01 -0.05	31.71 -0.01 -0.18	31.00 0.00 -0.19	23.22 -0.04 -4.64

STA_82___115KV_TB1 80780	7.83 0.05 -5.46	5.80 -0.01 -6.12	3.65 -0.09 -7.41	5.65 0.00 -5.98	13.27 0.14 -3.56	17.29 0.16 -2.73	26.62 0.22 -0.06	25.26 0.17 -0.08	22.83 0.23 0.00	21.76 0.19 -0.13	19.02 0.07 -0.68	21.30 0.12 -0.07	19.39 0.10 -1.82	11.12 0.04 -3.81	10.80 0.04 -6.06	17.15 0.03 -4.39	43.47 0.12 -0.05	88.17 0.43 -3.30	39.53 -0.26 -1.25	28.59 -0.23 -2.64	30.98 -0.23 -0.05	31.50 -0.22 -0.18	30.81 -0.19 -0.19	23.12 -0.15 -4.65
STEEL___WIND 323596	8.76 0.05 -6.38	6.84 -0.01 -7.15	4.88 -0.10 -8.66	6.66 0.00 -6.99	13.87 0.13 -4.16	17.71 0.11 -3.19	26.57 0.15 -0.07	25.15 0.04 -0.09	22.74 0.14 0.00	21.65 0.06 -0.16	18.94 -0.12 -0.79	21.11 -0.08 -0.08	19.53 -0.06 -2.13	11.72 0.00 -4.45	11.78 0.00 -7.08	17.68 -0.18 -5.13	42.79 -0.57 -0.06	87.60 -0.69 -3.86	38.95 -1.04 -1.46	28.45 -0.82 -3.09	30.33 -0.88 -0.06	30.91 -0.84 -0.21	30.30 -0.74 -0.22	23.59 -0.46 -5.44
STEPHTWN_115KV_BK_2 55603	30.75 0.08 -28.35	31.44 -0.01 -31.77	34.67 -0.11 -38.46	30.70 0.00 -31.03	28.37 0.34 -18.45	29.08 0.51 -14.16	27.63 0.97 -0.32	26.33 0.90 -0.42	23.26 0.67 0.00	22.81 0.69 -0.69	22.36 0.57 -3.51	22.08 0.62 -0.35	27.47 0.56 -9.44	27.28 0.25 -19.76	36.28 0.15 -31.43	36.01 0.49 -22.79	45.16 1.58 -0.28	104.49 2.90 -17.15	46.43 1.43 -6.46	40.88 1.00 -13.70	32.58 1.16 -0.27	33.62 1.13 -0.94	32.96 1.17 -0.97	43.38 0.62 -24.14
STEBEN_REC_LFGE 323667	9.93 0.02 -7.59	8.20 0.00 -8.51	6.59 -0.04 -10.31	7.99 0.00 -8.31	14.65 0.12 -4.94	18.21 0.01 -3.79	26.90 0.47 -0.08	25.34 0.22 -0.11	22.79 0.20 0.00	21.65 0.03 -0.18	19.00 -0.21 -0.94	20.95 -0.26 -0.09	19.91 -0.09 -2.53	12.61 0.05 -5.30	13.18 0.06 -8.42	18.94 0.11 -6.11	43.77 0.40 -0.07	90.13 1.10 -4.59	40.53 0.26 -1.73	29.92 0.07 -3.67	30.88 -0.34 -0.07	31.20 -0.60 -0.25	30.42 -0.65 -0.26	24.83 -0.26 -6.47
STILLWATER___SOLAR 323814	31.55 0.11 -29.12	32.30 -0.01 -32.63	35.64 -0.18 -39.50	31.53 -0.02 -31.87	29.02 0.49 -18.95	29.69 0.74 -14.54	28.08 1.41 -0.33	26.79 1.35 -0.43	23.76 1.16 0.00	23.23 1.09 -0.71	22.76 0.87 -3.61	22.50 1.03 -0.36	28.05 0.88 -9.69	27.92 0.36 -20.30	37.23 0.25 -32.28	36.81 0.68 -23.41	45.98 2.39 -0.28	106.58 4.53 -17.61	47.27 2.09 -6.64	41.66 1.41 -14.07	33.10 1.67 -0.27	34.24 1.73 -0.97	33.52 1.70 -1.00	44.48 1.07 -24.79
STONY___BROOK 24151	26.05 0.19 -23.54	26.04 -0.02 -26.38	28.00 -0.25 -31.93	25.42 -0.02 -25.77	25.54 0.64 -15.32	27.19 1.03 -11.76	28.55 1.95 -0.26	27.04 1.67 -0.35	24.10 1.50 0.00	23.37 1.36 -0.57	22.75 1.46 -3.02	22.51 1.58 0.18	25.59 1.32 -6.80	26.78 0.62 -18.90	31.83 0.40 -26.73	33.23 1.07 -19.44	47.15 3.61 -0.24	116.58 6.85 -25.30	47.34 3.42 -5.38	39.90 2.34 -11.38	33.98 2.60 -0.22	35.05 2.72 -0.79	34.16 2.53 -0.82	49.21 1.53 -29.05
STURGEON_POOL_HYD 23609	26.83 0.07 -24.44	27.07 -0.01 -27.39	29.37 -0.11 -33.15	26.41 -0.01 -26.75	25.75 0.26 -15.91	27.04 0.43 -12.21	27.39 0.77 -0.27	26.09 0.72 -0.36	23.23 0.63 0.00	22.64 0.61 -0.60	21.90 0.60 -3.03	22.06 0.65 -0.31	26.17 0.57 -8.14	24.54 0.24 -17.04	31.97 0.17 -27.10	32.81 0.44 -19.65	45.05 1.51 -0.24	102.22 3.00 -14.78	45.67 1.56 -5.57	39.07 1.08 -11.81	32.59 1.21 -0.23	33.57 1.21 -0.82	32.76 1.11 -0.84	40.06 0.64 -20.81
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.56 0.08 -22.16	24.52 -0.01 -24.84	26.27 -0.11 -30.07	23.92 -0.01 -24.26	24.29 0.28 -14.42	25.93 0.45 -11.07	27.42 0.83 -0.25	26.10 0.76 -0.33	23.25 0.65 0.00	22.63 0.66 -0.54	21.62 0.60 -2.75	22.05 0.66 -0.28	25.43 0.58 -7.38	22.97 0.26 -15.45	29.45 0.18 -24.57	30.99 0.45 -17.82	45.06 1.54 -0.22	100.89 3.05 -13.41	45.18 1.59 -5.05	37.97 1.08 -10.71	32.55 1.19 -0.21	33.44 1.15 -0.74	32.62 1.05 -0.76	38.09 0.60 -18.87
SWANROAD_115KV_TB1 355699	8.43 0.00 -6.11	6.53 0.00 -6.84	4.58 -0.03 -8.28	6.37 0.02 -6.68	13.46 -0.10 -3.97	17.22 -0.23 -3.05	25.82 -0.60 -0.07	24.47 -0.63 -0.09	22.16 -0.44 0.00	21.08 -0.50 -0.15	18.42 -0.61 -0.76	20.53 -0.65 -0.08	18.93 -0.57 -2.03	11.31 -0.21 -4.26	11.34 -0.13 -6.77	17.09 -0.54 -4.91	41.54 -1.82 -0.06	84.74 -3.39 -3.69	37.69 -2.25 -1.39	27.56 -1.57 -2.95	29.51 -1.71 -0.06	30.09 -1.66 -0.20	29.55 -1.47 -0.21	22.85 -0.96 -5.20
SYNERGY___BIOGAS 323694	8.25 0.08 -5.84	6.22 -0.01 -6.54	4.09 -0.16 -7.92	6.06 0.00 -6.39	13.65 0.27 -3.80	17.68 0.35 -2.92	26.98 0.57 -0.07	25.61 0.51 -0.09	23.19 0.60 0.00	22.08 0.51 -0.14	19.29 0.30 -0.72	21.57 0.39 -0.07	19.67 0.25 -1.95	11.43 0.09 -4.07	11.27 0.09 -6.48	17.55 0.13 -4.70	43.91 0.55 -0.06	89.36 1.39 -3.53	39.88 0.01 -1.33	28.95 -0.05 -2.82	31.22 0.01 -0.05	31.74 0.00 -0.19	31.09 0.07 -0.20	23.55 -0.04 -4.97
SYRACUSE___ENERGY_ST1 323597	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.11 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.66 0.03 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.93 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.04 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
SYRACUSE___ENERGY_ST2 323598	7.15 0.00 -4.83	5.10 0.00 -5.41	2.86 -0.01 -6.55	4.96 0.00 -5.28	12.74 0.02 -3.14	16.86 0.04 -2.41	26.50 0.11 -0.05	25.17 0.08 -0.07	22.68 0.08 0.00	21.64 0.09 -0.12	18.92 0.05 -0.60	21.26 0.09 -0.06	19.14 0.07 -1.61	10.66 0.03 -3.36	10.07 0.02 -5.35	16.65 0.04 -3.88	43.52 0.17 -0.05	87.93 0.57 -2.92	39.76 0.12 -1.10	28.57 0.05 -2.33	31.21 0.01 -0.05	31.66 -0.04 -0.16	30.91 -0.07 -0.17	22.69 -0.04 -4.11
SYRACUSE___POWER 24017	7.24 0.01 -4.92	5.20 0.00 -5.51	2.98 -0.01 -6.67	5.05 0.00 -5.38	12.81 0.03 -3.20	16.91 0.05 -2.46	26.52 0.12 -0.05	25.19 0.10 -0.07	22.70 0.10 0.00	21.67 0.11 -0.12	18.94 0.06 -0.61	21.28 0.10 -0.06	19.20 0.09 -1.64	10.74 0.04 -3.43	10.18 0.03 -5.45	16.73 0.06 -3.95	43.58 0.23 -0.05	88.12 0.71 -2.98	39.84 0.18 -1.12	28.64 0.09 -2.38	31.24 0.04 -0.05	31.69 -0.01 -0.16	30.94 -0.04 -0.17	22.77 -0.03 -4.19
TALLMAN___138KV_BK151 55660	25.08 0.09 -22.68	25.09 -0.01 -25.42	26.96 -0.13 -30.77	24.49 -0.01 -24.83	24.65 0.31 -14.76	26.23 0.50 -11.33	27.51 0.91 -0.25	26.19 0.84 -0.34	23.31 0.71 0.00	22.72 0.73 -0.55	21.76 0.68 -2.81	22.15 0.76 -0.28	25.68 0.66 -7.55	23.37 0.29 -15.81	30.04 0.20 -25.15	31.45 0.50 -18.23	45.18 1.66 -0.22	101.44 3.28 -13.72	45.44 1.73 -5.17	38.32 1.18 -10.96	32.65 1.28 -0.21	33.54 1.24 -0.76	32.71 1.12 -0.78	38.58 0.64 -19.31
TEALLAVE_115KV_TB7 355573	6.78 0.00 -4.46	4.68 0.00 -5.00	2.37 0.00 -6.05	4.55 0.00 -4.88	12.47 -0.01 -2.90	16.61 -0.02 -2.23	26.38 -0.01 -0.05	25.05 -0.02 -0.07	22.59 -0.01 0.00	21.55 0.01 -0.11	18.80 -0.03 -0.55	21.16 -0.01 -0.06	18.95 -0.01 -1.48	10.37 0.00 -3.11	9.64 0.00 -4.94	16.29 -0.02 -3.58	43.32 -0.03 -0.04	87.29 0.16 -2.70	39.48 -0.08 -1.02	28.25 -0.08 -2.15	31.05 -0.15 -0.04	31.49 -0.20 -0.15	30.74 -0.22 -0.15	22.28 -0.13 -3.80

TELGRAPH_34_KV_EAST 80808	8.32 0.05 -5.96	6.35 -0.01 -6.67	4.30 -0.10 -8.08	6.20 0.01 -6.52	13.56 0.10 -3.88	17.47 0.09 -2.98	26.46 0.05 -0.07	25.09 -0.01 -0.09	22.73 0.12 0.00	21.63 0.06 -0.14	18.89 -0.12 -0.74	21.09 -0.10 -0.07	19.34 -0.12 -1.98	11.39 -0.03 -4.15	11.30 0.00 -6.60	17.33 -0.18 -4.79	42.80 -0.56 -0.06	87.19 -0.84 -3.60	38.84 -1.06 -1.36	28.27 -0.78 -2.88	30.40 -0.81 -0.06	30.95 -0.79 -0.20	30.36 -0.66 -0.20	23.22 -0.47 -5.07
TEMPLE___115KV_TB 2 55572	6.82 0.00 -4.50	4.73 0.00 -5.05	2.43 0.00 -6.11	4.60 0.00 -4.93	12.50 -0.01 -2.93	16.65 -0.01 -2.25	26.41 0.01 -0.05	25.07 -0.01 -0.07	22.60 0.00 0.00	21.56 0.02 -0.11	18.82 -0.01 -0.56	21.18 0.01 -0.06	18.98 0.01 -1.50	10.41 0.01 -3.14	9.70 0.01 -4.99	16.34 0.00 -3.62	43.36 0.01 -0.04	87.39 0.23 -2.72	39.52 -0.04 -1.03	28.29 -0.06 -2.18	31.07 -0.13 -0.04	31.51 -0.19 -0.15	30.77 -0.20 -0.15	22.33 -0.12 -3.83
TIANA___69_KV_BK 1 55817	26.09 0.23 -23.54	26.04 -0.03 -26.38	27.93 -0.32 -31.93	25.42 -0.02 -25.77	25.72 0.82 -15.32	27.46 1.30 -11.76	29.05 2.44 -0.26	27.48 2.11 -0.35	24.50 1.90 0.00	23.72 1.72 -0.57	23.08 1.79 -3.02	22.85 1.94 0.19	25.80 1.57 -6.76	26.84 0.72 -18.85	31.87 0.48 -26.70	33.46 1.31 -19.42	48.05 4.51 -0.24	118.45 8.76 -25.25	48.23 4.31 -5.38	40.51 2.95 -11.38	34.70 3.32 -0.22	35.78 3.45 -0.79	34.84 3.22 -0.82	49.60 1.93 -29.05
TILDEN___115KV_TB1 80814	7.24 0.01 -4.92	5.20 0.00 -5.51	2.98 -0.01 -6.67	5.05 0.00 -5.38	12.81 0.03 -3.20	16.91 0.05 -2.46	26.52 0.12 -0.05	25.19 0.10 -0.07	22.70 0.10 0.00	21.67 0.11 -0.12	18.94 0.06 -0.61	21.28 0.10 -0.06	19.20 0.09 -1.64	10.74 0.04 -3.43	10.18 0.03 -5.45	16.73 0.06 -3.95	43.58 0.23 -0.05	88.12 0.71 -2.98	39.84 0.18 -1.12	28.64 0.09 -2.38	31.24 0.04 -0.05	31.69 -0.01 -0.16	30.94 -0.04 -0.17	22.77 -0.03 -4.19
TRIGEN___CC 323695	26.00 0.14 -23.54	26.05 -0.02 -26.38	28.06 -0.19 -31.93	25.43 -0.01 -25.77	25.37 0.47 -15.32	26.94 0.78 -11.76	28.05 1.45 -0.26	26.62 1.26 -0.35	23.72 1.12 0.00	23.08 1.08 -0.57	23.30 1.18 -3.85	25.14 1.31 -2.72	31.74 1.09 -13.17	33.90 0.49 -26.14	37.54 0.32 -32.52	36.18 0.80 -22.65	46.18 2.64 -0.24	122.56 4.82 -33.30	46.46 2.53 -5.39	39.31 1.74 -11.39	33.33 1.95 -0.22	34.33 1.99 -0.79	33.50 1.88 -0.81	49.74 1.16 -29.97
TRINITY___115KV__ 4 BK 55933	30.78 0.06 -28.41	31.52 -0.01 -31.83	34.78 -0.08 -38.54	30.77 0.00 -31.10	28.30 0.23 -18.49	28.96 0.36 -14.19	27.32 0.66 -0.32	26.03 0.59 -0.42	23.04 0.44 0.00	22.58 0.46 -0.69	22.18 0.38 -3.52	21.89 0.42 -0.36	27.30 0.37 -9.46	27.23 0.16 -19.80	36.28 0.08 -31.50	35.83 0.27 -22.84	44.42 0.84 -0.28	103.09 1.47 -17.19	45.76 0.74 -6.48	40.44 0.53 -13.73	32.08 0.66 -0.27	33.13 0.64 -0.95	32.48 0.70 -0.98	43.15 0.34 -24.19
UNION___PROCESSING_DRP 323587	7.83 0.05 -5.46	5.81 -0.01 -6.12	3.65 -0.09 -7.41	5.65 0.00 -5.98	13.27 0.14 -3.56	17.30 0.17 -2.73	26.64 0.23 -0.06	25.27 0.17 -0.08	22.84 0.24 0.00	21.77 0.20 -0.13	19.03 0.08 -0.68	21.31 0.13 -0.07	19.39 0.10 -1.82	11.12 0.05 -3.81	10.80 0.04 -6.06	17.15 0.04 -4.39	43.49 0.13 -0.05	88.23 0.49 -3.31	39.54 -0.25 -1.25	28.60 -0.22 -2.64	31.00 -0.20 -0.05	31.52 -0.21 -0.18	30.82 -0.18 -0.19	23.13 -0.14 -4.65
UPPER HUDSON___HYD 24058	31.74 0.16 -29.26	32.46 -0.02 -32.79	35.78 -0.24 -39.70	31.68 -0.03 -32.03	29.24 0.61 -19.05	29.97 0.95 -14.61	28.49 1.82 -0.33	27.23 1.78 -0.44	24.13 1.54 0.00	23.56 1.41 -0.71	22.96 1.06 -3.63	22.77 1.30 -0.37	28.31 1.10 -9.74	28.07 0.40 -20.40	37.43 0.28 -32.45	36.97 0.72 -23.52	46.17 2.59 -0.28	107.11 4.97 -17.70	47.47 2.26 -6.67	41.82 1.50 -14.14	33.18 1.75 -0.28	34.37 1.85 -0.98	33.74 1.92 -1.01	44.89 1.35 -24.92
UPPER RAQUET___HYD 24056	3.50 -0.13 -1.30	1.16 0.01 -1.46	-1.68 0.23 -1.77	1.10 0.00 -1.43	9.88 -0.55 -0.85	14.08 -0.98 -0.65	24.35 -2.01 -0.02	23.49 -1.54 -0.02	21.43 -1.17 0.00	20.09 -1.37 -0.03	17.38 -1.05 -0.16	20.07 -1.06 -0.02	16.91 -1.00 -0.43	7.70 -0.48 -0.91	5.80 -0.34 -1.45	12.89 -0.88 -1.05	40.72 -2.60 -0.01	77.93 -7.30 -0.79	36.22 -2.62 -0.30	25.30 -1.51 -0.63	30.06 -1.11 -0.01	30.97 -0.62 -0.04	30.44 -0.42 -0.05	19.64 -0.09 -1.11
VALLEY44_115KV_TB2 355964	9.10 0.06 -6.72	7.21 -0.01 -7.53	5.32 -0.12 -9.12	7.03 0.00 -7.36	14.19 0.24 -4.37	18.08 0.31 -3.36	27.04 0.62 -0.07	25.47 0.35 -0.10	22.94 0.34 0.00	21.90 0.31 -0.16	19.22 0.11 -0.83	21.38 0.19 -0.08	19.94 0.23 -2.24	12.05 0.10 -4.69	12.21 0.06 -7.45	18.09 -0.04 -5.40	43.31 -0.06 -0.06	88.93 0.43 -4.07	39.65 -0.42 -1.53	29.07 -0.36 -3.25	30.79 -0.44 -0.06	31.43 -0.35 -0.22	30.79 -0.25 -0.23	24.17 -0.17 -5.72
VALLEY___115KV_TB 1-4 80826	3.05 -0.01 -0.75	0.53 0.00 -0.84	-2.65 0.01 -1.01	0.49 0.00 -0.82	10.06 -0.01 -0.49	14.84 0.06 -0.37	26.56 0.21 -0.01	25.20 0.17 -0.01	22.78 0.19 0.00	21.59 0.14 -0.02	18.51 0.14 -0.09	21.20 0.08 -0.01	17.72 0.00 -0.25	7.79 0.01 -0.52	5.53 0.00 -0.83	13.34 0.01 -0.60	43.74 0.43 -0.01	86.11 1.22 -0.45	39.45 0.74 -0.17	26.97 0.42 -0.36	31.72 0.55 -0.01	31.94 0.37 -0.03	31.16 0.31 -0.03	19.49 0.23 -0.63
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.70 0.09 -12.30	13.46 -0.01 -13.78	12.87 -0.14 -16.68	13.12 -0.01 -13.46	17.92 0.33 -8.00	21.06 0.51 -6.14	27.48 1.00 -0.14	26.17 0.98 -0.18	23.50 0.90 0.00	22.63 0.90 -0.30	20.58 0.78 -1.52	22.14 0.88 -0.15	22.29 0.73 -4.09	16.16 0.33 -8.57	18.55 0.22 -13.64	23.24 0.63 -9.88	45.56 2.14 -0.12	96.38 4.51 -7.44	43.39 2.05 -2.80	33.51 1.39 -5.94	32.80 1.53 -0.12	33.37 1.41 -0.41	32.52 1.28 -0.42	29.84 0.75 -10.47
VISCHER___FERRY HYD 24020	31.09 0.07 -28.70	31.84 -0.01 -32.16	35.13 -0.12 -38.94	31.08 -0.01 -31.42	28.59 0.33 -18.68	29.25 0.51 -14.33	27.59 0.93 -0.32	26.31 0.88 -0.43	23.35 0.75 0.00	22.84 0.71 -0.70	22.41 0.58 -3.56	22.14 0.67 -0.36	27.61 0.58 -9.55	27.52 0.24 -20.01	36.69 0.17 -31.82	36.28 0.49 -23.07	45.22 1.64 -0.28	104.82 3.02 -17.36	46.53 1.44 -6.54	41.04 0.99 -13.87	32.63 1.20 -0.27	33.76 1.26 -0.96	33.04 1.25 -0.99	43.79 0.73 -24.44
V_A_10_SYNC_DSASP 323832	8.12 0.03 -5.76	6.15 0.00 -6.46	4.07 -0.07 -7.82	5.98 0.00 -6.31	13.38 0.05 -3.75	17.27 -0.01 -2.88	26.25 -0.16 -0.06	24.87 -0.23 -0.09	22.48 -0.12 0.00	21.40 -0.17 -0.14	18.71 -0.28 -0.71	20.91 -0.28 -0.07	19.17 -0.22 -1.92	11.21 -0.08 -4.02	11.06 -0.03 -6.39	17.12 -0.23 -4.63	42.49 -0.87 -0.06	86.42 -1.50 -3.49	38.58 -1.28 -1.31	28.04 -0.92 -2.79	30.23 -0.98 -0.05	30.80 -0.94 -0.19	30.21 -0.81 -0.20	23.02 -0.50 -4.91
V_CMM_10_SYNC_DSASP 323787	3.15 -0.14 -0.97	0.79 0.02 -1.08	-2.12 0.25 -1.31	0.73 0.00 -1.06	9.55 -0.66 -0.63	13.70 -1.19 -0.48	23.98 -2.38 -0.01	23.13 -1.90 -0.01	21.08 -1.51 0.00	19.76 -1.70 -0.02	17.14 -1.25 -0.12	19.85 -1.27 -0.01	16.67 -1.12 -0.32	7.44 -0.49 -0.68	5.41 -0.36 -1.07	12.49 -1.01 -0.78	40.06 -3.26 -0.01	76.50 -8.52 -0.58	35.81 -2.95 -0.22	24.81 -1.84 -0.47	29.76 -1.40 -0.01	30.74 -0.84 -0.03	30.22 -0.63 -0.03	19.19 -0.25 -0.82

V_CMP_10_SYNC_DSASP 323788	3.15 -0.13 -0.96	0.78 0.02 -1.08	-2.10 0.27 -1.31	0.73 0.00 -1.05	9.54 -0.67 -0.63	13.63 -1.26 -0.48	23.85 -2.50 -0.01	23.16 -1.87 -0.01	21.39 -1.21 0.00	20.17 -1.29 -0.02	17.30 -1.09 -0.12	20.06 -1.06 -0.01	16.74 -1.05 -0.32	7.47 -0.46 -0.67	5.41 -0.36 -1.07	12.59 -0.91 -0.77	41.01 -2.30 -0.01	78.83 -6.19 -0.58	36.75 -2.01 -0.22	25.45 -1.19 -0.47	30.51 -0.65 -0.01	31.14 -0.43 -0.03	30.32 -0.53 -0.03	19.41 -0.03 -0.82
V_D_10_SYNC_DSASP 323841	8.44 0.01 -6.11	6.53 0.00 -6.84	4.58 -0.04 -8.30	6.37 0.01 -6.69	13.43 -0.13 -3.97	17.19 -0.27 -3.05	25.84 -0.57 -0.07	24.49 -0.62 -0.09	22.17 -0.43 0.00	21.08 -0.50 -0.15	18.41 -0.62 -0.76	20.54 -0.65 -0.08	18.93 -0.57 -2.04	11.28 -0.25 -4.26	11.32 -0.16 -6.78	17.09 -0.54 -4.92	41.33 -2.03 -0.06	84.23 -3.91 -3.70	37.45 -2.49 -1.39	27.41 -1.73 -2.96	29.34 -1.87 -0.06	29.93 -1.82 -0.20	29.42 -1.60 -0.21	22.79 -1.04 -5.21
V_E_10_SYNC_DSASP 323830	12.11 0.12 -9.67	10.50 -0.02 -10.83	9.22 -0.21 -13.11	10.23 -0.02 -10.58	16.40 0.53 -6.29	20.02 0.78 -4.83	28.37 1.92 -0.11	27.06 1.91 -0.14	24.31 1.72 0.00	23.23 1.56 -0.24	20.70 1.23 -1.20	22.53 1.30 -0.12	21.57 0.88 -3.22	14.40 0.39 -6.74	15.68 0.26 -10.72	21.40 0.90 -7.77	47.19 3.79 -0.09	99.22 8.93 -5.85	44.39 3.65 -2.20	33.19 2.34 -4.67	33.71 2.46 -0.09	33.97 2.11 -0.32	33.34 2.19 -0.33	28.07 1.22 -8.23
V_F_30_NSYNC___DSASP 323816	31.62 0.12 -29.18	32.37 -0.01 -32.70	35.72 -0.19 -39.59	31.60 -0.02 -31.95	29.07 0.50 -18.99	29.75 0.77 -14.57	28.12 1.45 -0.33	26.83 1.38 -0.44	23.79 1.19 0.00	23.26 1.12 -0.71	22.80 0.91 -3.62	22.54 1.07 -0.36	28.10 0.92 -9.71	27.98 0.37 -20.35	37.31 0.25 -32.36	36.88 0.70 -23.46	46.03 2.44 -0.28	106.75 4.66 -17.65	47.34 2.15 -6.65	41.73 1.45 -14.10	33.14 1.71 -0.28	34.28 1.76 -0.97	33.55 1.74 -1.00	44.55 1.09 -24.85
V_F_30_SYNC_DSASP 323786	30.99 0.06 -28.61	31.75 -0.01 -32.06	35.05 -0.09 -38.82	30.99 0.00 -31.32	28.47 0.27 -18.62	29.11 0.41 -14.29	27.41 0.75 -0.32	26.13 0.69 -0.43	23.13 0.53 0.00	22.67 0.55 -0.70	22.29 0.47 -3.55	21.98 0.52 -0.36	27.44 0.44 -9.53	27.40 0.19 -19.95	36.53 0.11 -31.72	36.05 0.33 -23.00	44.63 1.05 -0.28	103.63 1.88 -17.31	46.00 0.93 -6.52	40.67 0.66 -13.83	32.22 0.80 -0.27	33.26 0.76 -0.95	32.62 0.82 -0.98	43.39 0.40 -24.36
V_XM_10_SYNC_DSASP 323789	3.15 -0.13 -0.96	0.78 0.02 -1.08	-2.10 0.27 -1.31	0.73 0.00 -1.05	9.54 -0.67 -0.63	13.63 -1.26 -0.48	23.85 -2.50 -0.01	23.16 -1.87 -0.01	21.39 -1.21 0.00	20.17 -1.29 -0.02	17.30 -1.09 -0.12	20.06 -1.06 -0.01	16.74 -1.05 -0.32	7.47 -0.46 -0.67	5.41 -0.36 -1.07	12.59 -0.91 -0.77	41.01 -2.30 -0.01	78.83 -6.19 -0.58	36.75 -2.01 -0.22	25.45 -1.19 -0.47	30.51 -0.65 -0.01	31.14 -0.43 -0.03	30.32 -0.53 -0.03	19.41 -0.03 -0.82
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.21 0.09 -22.80	25.22 -0.01 -25.55	27.11 -0.14 -30.93	24.61 -0.01 -24.96	24.75 0.33 -14.84	26.34 0.54 -11.39	27.60 1.01 -0.25	26.27 0.92 -0.34	23.39 0.79 0.00	22.79 0.80 -0.56	21.84 0.74 -2.83	22.22 0.82 -0.28	25.77 0.71 -7.59	23.47 0.32 -15.89	30.19 0.21 -25.28	31.60 0.55 -18.33	45.36 1.83 -0.22	101.88 3.65 -13.79	45.62 1.88 -5.20	38.48 1.28 -11.02	32.78 1.41 -0.21	33.67 1.37 -0.76	32.84 1.24 -0.78	38.74 0.71 -19.41
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.92	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.73 0.58 -11.75	27.67 1.07 -0.26	26.30 0.94 -0.35	23.44 0.84 0.00	22.85 0.85 -0.57	22.00 0.81 -2.92	22.29 0.89 -0.30	26.06 0.76 -7.83	24.01 0.33 -16.41	31.01 0.22 -26.09	32.20 0.56 -18.92	45.39 1.86 -0.23	102.24 3.57 -14.24	45.79 1.88 -5.36	38.84 1.29 -11.37	32.82 1.44 -0.22	33.73 1.40 -0.78	32.91 1.29 -0.81	39.39 0.74 -20.04
W50THST__13_KV_LOAD 356117	25.97 0.12 -23.53	26.05 -0.01 -26.37	28.08 -0.17 -31.92	25.42 -0.02 -25.76	25.33 0.43 -15.32	26.87 0.71 -11.75	27.92 1.31 -0.26	26.55 1.19 -0.35	23.66 1.07 0.00	23.09 1.09 -0.57	22.19 1.01 -2.92	22.51 1.11 -0.30	26.24 0.93 -7.83	24.07 0.40 -16.41	31.05 0.26 -26.09	32.32 0.68 -18.92	45.79 2.26 -0.23	103.03 4.35 -14.24	46.13 2.23 -5.36	39.07 1.51 -11.37	33.07 1.69 -0.22	33.98 1.65 -0.78	33.14 1.52 -0.81	39.54 0.88 -20.04
WADING RIVER_IC_1 23522	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.60 0.70 -15.32	27.28 1.12 -11.76	28.72 2.11 -0.26	27.16 1.79 -0.35	24.21 1.62 0.00	23.45 1.44 -0.57	22.82 1.54 -3.02	22.56 1.65 0.20	25.60 1.37 -6.76	26.75 0.64 -18.85	31.81 0.41 -26.69	33.28 1.14 -19.42	47.41 3.88 -0.24	117.11 7.43 -25.25	47.62 3.71 -5.38	40.09 2.53 -11.38	34.21 2.83 -0.22	35.30 2.96 -0.79	34.39 2.76 -0.82	49.33 1.67 -29.05
WADING RIVER_IC_2 23547	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.60 0.70 -15.32	27.28 1.12 -11.76	28.72 2.11 -0.26	27.16 1.79 -0.35	24.21 1.62 0.00	23.45 1.44 -0.57	22.82 1.54 -3.02	22.56 1.65 0.20	25.60 1.37 -6.76	26.75 0.64 -18.85	31.81 0.41 -26.69	33.28 1.14 -19.42	47.41 3.88 -0.24	117.11 7.43 -25.25	47.62 3.71 -5.38	40.09 2.53 -11.38	34.21 2.83 -0.22	35.30 2.96 -0.79	34.39 2.76 -0.82	49.33 1.67 -29.05
WADING RIVER_IC_3 23601	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.98 -0.28 -31.93	25.42 -0.02 -25.77	25.60 0.70 -15.32	27.28 1.12 -11.76	28.72 2.11 -0.26	27.16 1.79 -0.35	24.21 1.62 0.00	23.45 1.44 -0.57	22.82 1.54 -3.02	22.56 1.65 0.20	25.60 1.37 -6.76	26.75 0.64 -18.85	31.81 0.41 -26.69	33.28 1.14 -19.42	47.41 3.88 -0.24	117.11 7.43 -25.25	47.62 3.71 -5.38	40.09 2.53 -11.38	34.21 2.83 -0.22	35.30 2.96 -0.79	34.39 2.76 -0.82	49.33 1.67 -29.05
WALDENNY_12_KV_BK2 80841	8.73 0.05 -6.36	6.80 -0.01 -7.12	4.83 -0.11 -8.62	6.63 0.00 -6.96	13.86 0.14 -4.14	17.71 0.13 -3.17	26.58 0.16 -0.07	25.17 0.07 -0.09	22.76 0.16 0.00	21.68 0.09 -0.15	18.96 -0.10 -0.79	21.13 -0.06 -0.08	19.54 -0.05 -2.12	11.70 0.01 -4.43	11.75 0.01 -7.05	17.67 -0.16 -5.11	42.83 -0.54 -0.06	87.62 -0.66 -3.84	38.99 -1.00 -1.45	28.47 -0.78 -3.07	30.38 -0.83 -0.06	30.95 -0.81 -0.21	30.33 -0.70 -0.22	23.58 -0.45 -5.41
WALDEN___HYDRO 24148	25.45 0.09 -23.03	25.49 -0.01 -25.81	27.43 -0.14 -31.25	24.87 -0.01 -25.21	24.92 0.35 -14.99	26.47 0.56 -11.50	27.65 1.05 -0.26	26.34 0.98 -0.34	23.44 0.84 0.00	22.76 0.77 -0.56	21.80 0.67 -2.85	22.14 0.74 -0.29	25.77 0.63 -7.67	23.61 0.28 -16.06	30.43 0.19 -25.54	31.78 0.53 -18.52	45.49 1.96 -0.22	102.37 4.00 -13.93	45.82 2.03 -5.25	38.69 1.38 -11.13	32.92 1.54 -0.22	33.82 1.51 -0.77	33.00 1.39 -0.79	39.02 0.79 -19.61
WARRENSBURG____ 23737	31.74 0.16 -29.26	32.46 -0.02 -32.79	35.78 -0.24 -39.70	31.68 -0.03 -32.03	29.24 0.61 -19.05	29.97 0.95 -14.61	28.49 1.82 -0.33	27.23 1.78 -0.44	24.13 1.54 0.00	23.56 1.41 -0.71	22.96 1.06 -3.63	22.77 1.30 -0.37	28.31 1.10 -9.74	28.07 0.40 -20.40	37.43 0.28 -32.45	36.97 0.72 -23.52	46.17 2.59 -0.28	107.11 4.97 -17.70	47.47 2.26 -6.67	41.82 1.50 -14.14	33.18 1.75 -0.28	34.37 1.85 -0.98	33.74 1.92 -1.01	44.89 1.35 -24.92

WATERSIDE___6 8 9 23538	25.95 0.10 -23.53	26.05 -0.01 -26.37	28.11 -0.13 -31.93	25.42 -0.01 -25.76	25.24 0.35 -15.32	26.73 0.57 -11.75	27.66 1.05 -0.26	26.31 0.95 -0.35	23.46 0.86 0.00	22.88 0.87 -0.57	22.04 0.85 -2.92	22.35 0.94 -0.30	26.10 0.79 -7.84	24.02 0.34 -16.41	31.02 0.22 -26.09	32.22 0.57 -18.92	45.46 1.92 -0.23	102.38 3.71 -14.24	45.84 1.93 -5.36	38.87 1.32 -11.37	32.85 1.47 -0.22	33.76 1.43 -0.78	32.94 1.32 -0.81	39.41 0.75 -20.04
WATKINRD_115KV_LN8_ILLION 55919	3.07 0.00 -0.75	0.53 0.00 -0.84	-2.67 0.00 -1.01	0.49 0.00 -0.82	10.09 0.02 -0.49	14.84 0.06 -0.37	26.51 0.16 -0.01	25.19 0.16 -0.01	22.74 0.15 0.00	21.57 0.12 -0.02	18.48 0.11 -0.09	21.21 0.09 -0.01	17.78 0.06 -0.25	7.82 0.03 -0.52	5.54 0.02 -0.83	13.38 0.05 -0.60	43.73 0.42 -0.01	85.85 0.96 -0.45	39.25 0.54 -0.17	26.88 0.33 -0.36	31.58 0.42 -0.01	31.92 0.34 -0.03	31.14 0.30 -0.03	19.45 0.20 -0.63
WATSON___69_KV_BK 1 55734	26.06 0.21 -23.54	26.04 -0.02 -26.38	27.97 -0.28 -31.93	25.42 -0.02 -25.77	25.61 0.71 -15.32	27.29 1.13 -11.76	28.74 2.14 -0.26	27.22 1.85 -0.35	24.26 1.67 0.00	23.52 1.51 -0.57	22.94 1.60 -3.07	22.82 1.74 0.02	26.04 1.43 -7.14	27.20 0.66 -19.27	32.16 0.43 -27.03	33.47 1.15 -19.60	47.46 3.93 -0.24	117.40 7.37 -25.60	47.63 3.71 -5.38	40.11 2.55 -11.38	34.22 2.84 -0.22	35.28 2.94 -0.79	34.38 2.75 -0.82	49.43 1.68 -29.13
WDELAWARE___HYD 323627	24.05 0.05 -21.68	23.97 -0.01 -24.29	25.65 -0.07 -29.41	23.39 -0.01 -23.73	23.87 0.18 -14.11	25.55 0.31 -10.82	27.21 0.63 -0.24	25.92 0.59 -0.32	23.08 0.49 0.00	22.41 0.45 -0.53	21.32 0.36 -2.69	21.75 0.37 -0.27	25.03 0.34 -7.22	22.54 0.16 -15.11	28.84 0.10 -24.03	30.16 0.02 -17.43	43.71 0.19 -0.21	98.10 0.55 -13.11	43.92 0.43 -4.94	36.96 0.30 -10.47	31.71 0.35 -0.20	33.35 1.08 -0.72	32.52 0.96 -0.75	37.62 0.55 -18.46
WEST BABYLON___IC 23714	26.05 0.19 -23.54	26.04 -0.02 -26.38	27.99 -0.26 -31.93	25.42 -0.02 -25.77	25.56 0.66 -15.32	27.22 1.06 -11.76	28.60 1.99 -0.26	27.11 1.74 -0.35	24.16 1.56 0.00	23.43 1.42 -0.57	22.94 1.52 -3.15	23.06 1.65 -0.30	26.67 1.37 -7.84	27.94 0.63 -20.04	32.76 0.42 -27.65	33.75 1.08 -19.94	47.22 3.68 -0.24	117.64 6.86 -26.34	47.40 3.48 -5.38	39.95 2.39 -11.38	34.06 2.68 -0.22	35.10 2.77 -0.79	34.22 2.59 -0.82	49.44 1.58 -29.24
WEST CANADA___HYD 24049	3.06 -0.01 -0.75	0.53 0.00 -0.84	-2.65 0.02 -1.01	0.49 0.00 -0.82	10.04 -0.03 -0.49	14.75 -0.03 -0.37	26.29 -0.07 -0.01	24.98 -0.04 -0.01	22.57 -0.02 0.00	21.41 -0.04 -0.02	18.33 -0.03 -0.09	21.08 -0.04 -0.01	17.67 -0.05 -0.25	7.76 -0.03 -0.52	5.51 -0.02 -0.83	13.29 -0.03 -0.60	43.22 -0.09 -0.01	84.64 -0.25 -0.45	38.63 -0.08 -0.17	26.49 -0.05 -0.36	31.14 -0.03 -0.01	31.58 0.01 -0.03	30.87 0.03 -0.03	19.28 0.02 -0.63
WESTERN_NY_WIND 24143	8.28 0.08 -5.88	6.26 -0.01 -6.59	4.14 -0.15 -7.97	6.10 0.00 -6.43	13.67 0.27 -3.82	17.68 0.34 -2.94	26.95 0.54 -0.07	25.58 0.48 -0.09	23.17 0.57 0.00	22.07 0.49 -0.14	19.28 0.28 -0.73	21.54 0.36 -0.07	19.66 0.23 -1.96	11.44 0.08 -4.10	11.30 0.09 -6.52	17.56 0.11 -4.73	43.85 0.49 -0.06	89.25 1.25 -3.55	39.82 -0.06 -1.34	28.92 -0.11 -2.84	31.17 -0.05 -0.05	31.69 -0.05 -0.20	31.04 0.02 -0.20	23.56 -0.07 -5.00
WESTOVER___LESR 323668	12.45 0.03 -10.10	11.01 0.00 -11.32	9.98 -0.05 -13.71	10.73 0.00 -11.06	16.27 0.12 -6.58	19.60 0.15 -5.05	26.79 0.33 -0.11	25.41 0.25 -0.15	22.81 0.21 0.00	21.91 0.23 -0.25	19.64 0.11 -1.25	21.38 0.15 -0.13	20.99 0.16 -3.36	14.40 0.09 -7.04	15.96 0.06 -11.20	20.96 0.12 -8.12	43.82 0.42 -0.10	91.96 1.42 -6.11	41.27 0.43 -2.30	31.28 0.22 -4.88	31.43 0.18 -0.10	32.00 0.11 -0.34	31.24 0.07 -0.35	27.30 0.08 -8.60
WETHRSFD_WT_PWR 323626	9.25 0.01 -6.92	7.44 0.00 -7.75	5.66 -0.04 -9.38	7.25 0.01 -7.57	14.12 0.04 -4.50	17.83 -0.03 -3.45	26.43 0.00 -0.08	24.97 -0.14 -0.10	22.52 -0.07 0.00	21.43 -0.17 -0.17	18.80 -0.33 -0.86	20.87 -0.33 -0.09	19.58 -0.20 -2.30	12.05 -0.04 -4.82	12.35 -0.02 -7.67	18.07 -0.22 -5.56	42.71 -0.66 -0.07	87.85 -0.77 -4.18	39.17 -0.95 -1.58	28.72 -0.80 -3.34	30.15 -1.07 -0.07	30.62 -1.15 -0.23	29.97 -1.08 -0.24	23.95 -0.56 -5.89
WHAVSTOR_138KV_BK127 55557	25.23 0.09 -22.82	25.25 -0.01 -25.57	27.16 -0.12 -30.96	24.64 -0.01 -24.98	24.73 0.30 -14.85	26.30 0.49 -11.40	27.50 0.90 -0.25	26.17 0.82 -0.34	23.30 0.70 0.00	22.70 0.71 -0.56	21.77 0.67 -2.83	22.14 0.74 -0.28	25.71 0.64 -7.60	23.46 0.29 -15.91	30.19 0.19 -25.30	31.55 0.49 -18.35	45.15 1.63 -0.22	101.45 3.20 -13.81	45.44 1.70 -5.20	38.37 1.16 -11.03	32.63 1.27 -0.21	33.53 1.22 -0.76	32.71 1.11 -0.78	38.69 0.64 -19.43
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.23 0.09 -22.82	25.25 -0.01 -25.57	27.16 -0.12 -30.96	24.64 -0.01 -24.98	24.73 0.30 -14.85	26.30 0.49 -11.40	27.50 0.90 -0.25	26.17 0.82 -0.34	23.30 0.70 0.00	22.70 0.71 -0.56	21.77 0.67 -2.83	22.14 0.74 -0.28	25.71 0.64 -7.60	23.46 0.29 -15.91	30.19 0.19 -25.30	31.55 0.49 -18.35	45.15 1.63 -0.22	101.45 3.20 -13.81	45.44 1.70 -5.20	38.37 1.16 -11.03	32.63 1.27 -0.21	33.53 1.22 -0.76	32.71 1.11 -0.78	38.69 0.64 -19.43
WHITEHAL_115KV_TB1 80871	31.77 0.23 -29.22	32.41 -0.02 -32.75	35.62 -0.35 -39.64	31.62 -0.04 -31.99	29.51 0.90 -19.02	30.43 1.43 -14.59	29.39 2.71 -0.33	27.97 2.52 -0.44	24.82 2.22 0.00	24.18 2.04 -0.71	23.38 1.49 -3.62	23.34 1.87 -0.36	28.77 1.57 -9.73	28.25 0.61 -20.37	37.53 0.43 -32.40	37.34 1.13 -23.49	47.79 4.20 -0.28	110.03 7.91 -17.68	48.57 3.37 -6.66	42.48 2.18 -14.12	33.98 2.55 -0.28	35.43 2.91 -0.97	34.68 2.86 -1.00	45.38 1.88 -24.88
WHITEPLN_13_KV_LOAD 356215	25.92 0.11 -23.49	26.00 -0.01 -26.33	28.03 -0.16 -31.87	25.38 -0.02 -25.72	25.28 0.41 -15.29	26.81 0.67 -11.73	27.84 1.23 -0.26	26.50 1.14 -0.35	23.61 1.01 0.00	23.02 1.02 -0.57	22.13 0.94 -2.91	22.45 1.05 -0.29	26.19 0.89 -7.82	24.04 0.39 -16.38	31.01 0.26 -26.05	32.30 0.68 -18.89	45.86 2.32 -0.23	103.21 4.56 -14.21	46.20 2.30 -5.35	39.09 1.56 -11.35	33.14 1.76 -0.22	34.05 1.72 -0.78	33.22 1.60 -0.81	39.54 0.92 -20.00
WM_FLOYD_69_KV_BK2 356380	26.06 0.20 -23.54	26.04 -0.02 -26.38	27.98 -0.27 -31.93	25.42 -0.02 -25.77	25.59 0.69 -15.32	27.27 1.11 -11.76	28.69 2.09 -0.26	27.13 1.77 -0.35	24.19 1.59 0.00	23.41 1.41 -0.57	22.82 1.53 -3.02	22.57 1.65 0.19	25.58 1.34 -6.78	26.76 0.62 -18.87	31.82 0.41 -26.71	33.27 1.12 -19.43	47.35 3.81 -0.24	116.99 7.29 -25.27	47.55 3.63 -5.38	40.05 2.49 -11.38	34.15 2.78 -0.22	35.24 2.91 -0.79	34.34 2.71 -0.82	49.32 1.64 -29.05
WOODARD__115KV_TB2 355635	6.84 -0.01 -4.53	4.77 0.00 -5.08	2.48 0.01 -6.15	4.64 0.00 -4.96	12.49 -0.04 -2.95	16.61 -0.06 -2.27	26.31 -0.09 -0.05	24.98 -0.10 -0.07	22.52 -0.08 0.00	21.49 -0.06 -0.11	18.75 -0.08 -0.56	21.10 -0.07 -0.06	18.92 -0.06 -1.51	10.40 -0.02 -3.16	9.71 -0.02 -5.03	16.31 -0.06 -3.65	43.18 -0.17 -0.04	87.07 -0.10 -2.74	39.37 -0.20 -1.03	28.21 -0.16 -2.19	30.96 -0.24 -0.04	31.41 -0.29 -0.15	30.67 -0.30 -0.16	22.29 -0.18 -3.86

YORK___WARBASSE	25.97	26.05	28.09	25.42	25.29	26.80	27.80	26.46	23.57	22.99	22.13	22.43	26.17	24.05	31.04	32.28	45.65	102.78	46.04	39.02	33.02	33.93	33.12	39.50
23770	0.11	-0.01	-0.16	-0.02	0.39	0.64	1.19	1.09	0.97	0.98	0.94	1.03	0.87	0.37	0.24	0.63	2.12	4.11	2.14	1.47	1.64	1.60	1.49	0.85
	-23.53	-26.37	-31.93	-25.76	-15.32	-11.75	-0.26	-0.35	0.00	-0.57	-2.92	-0.30	-7.84	-16.41	-26.09	-18.92	-0.23	-14.24	-5.36	-11.37	-0.22	-0.78	-0.81	-20.04