

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			05/11/2023		
Name	PTID	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																																				
59TH STREET_GT_1	24138	20.01	18.40	17.48	17.91	18.04	20.00	27.75	28.83	26.10	22.65	22.32	22.32	24.36	28.41	30.03	33.60	37.38	53.38	51.91	47.57	41.66	35.83	26.90	22.06																																				
		0.38	0.38	0.37	0.36	0.38	0.61	0.58	1.14	1.57	1.56	1.56	1.55	1.48	1.44	1.44	1.29	1.23	1.42	1.68	1.74	1.75	1.42	1.38	0.67																																				
		-14.53	-12.92	-12.25	-12.82	-12.57	-11.64	-19.96	-13.26	-7.14	-4.16	-3.94	-4.24	-7.03	-11.61	-13.21	-18.26	-21.98	-37.01	-31.74	-25.80	-19.13	-16.81	-8.52	-13.23																																				
74TH STREET_GT_1	24260	20.00	18.38	17.46	17.89	18.02	19.97	27.73	28.76	26.01	22.57	22.24	22.22	24.28	28.33	29.95	33.52	37.30	53.30	51.82	47.47	41.58	35.77	26.83	22.04																																				
		0.36	0.36	0.35	0.34	0.36	0.57	0.55	1.07	1.48	1.47	1.49	1.45	1.40	1.37	1.37	1.21	1.15	1.35	1.59	1.64	1.66	1.36	1.31	0.64																																				
		-14.53	-12.92	-12.25	-12.82	-12.57	-11.64	-19.97	-13.26	-7.14	-4.16	-3.94	-4.24	-7.03	-11.61	-13.22	-18.26	-21.99	-37.01	-31.74	-25.81	-19.13	-16.81	-8.52	-13.23																																				
74TH STREET_GT_2	24261	20.00	18.38	17.46	17.89	18.02	19.97	27.73	28.76	26.01	22.57	22.24	22.22	24.28	28.33	29.95	33.52	37.30	53.30	51.82	47.47	41.58	35.77	26.83	22.04																																				
		0.36	0.36	0.35	0.34	0.36	0.57	0.55	1.07	1.48	1.47	1.49	1.45	1.40	1.37	1.37	1.21	1.15	1.35	1.59	1.64	1.66	1.36	1.31	0.64																																				
		-14.53	-12.92	-12.25	-12.82	-12.57	-11.64	-19.97	-13.26	-7.14	-4.16	-3.94	-4.24	-7.03	-11.61	-13.22	-18.26	-21.99	-37.01	-31.74	-25.81	-19.13	-16.81	-8.52	-13.23																																				
ADK HUDSON___FALLS	24011	24.17	22.05	20.94	21.53	21.60	23.20	33.40	32.31	27.46	22.86	22.51	22.64	25.08	29.50	31.39	36.06	40.78	58.53	56.44	51.12	45.32	38.99	29.08	25.70																																				
		0.23	0.21	0.19	0.19	0.21	0.36	0.32	0.69	0.82	0.74	0.72	0.74	0.76	0.75	0.49	0.49	0.52	0.61	0.81	0.90	1.00	0.77	1.05	0.42																																				
		-18.83	-16.74	-15.87	-16.61	-16.29	-15.09	-25.87	-17.18	-9.25	-5.19	-4.99	-5.36	-8.46	-13.39	-15.53	-21.52	-26.09	-42.97	-37.14	-30.19	-23.54	-20.62	-11.02	-17.12																																				
ADK RESOURCE___RCVRY	23798	24.12	22.01	20.90	21.49	21.56	23.17	33.45	32.48	27.73	23.11	22.76	22.88	25.31	29.62	31.28	35.90	40.63	58.11	56.15	50.78	45.24	38.91	29.17	25.71																																				
		0.25	0.22	0.21	0.20	0.23	0.38	0.46	0.92	1.11	1.03	0.97	0.99	1.06	1.06	0.55	0.56	0.59	0.69	0.91	1.02	1.12	0.88	1.17	0.46																																				
		-18.76	-16.69	-15.82	-16.55	-16.23	-15.04	-25.78	-17.12	-9.22	-5.14	-4.99	-5.36	-8.39	-13.21	-15.36	-21.30	-25.87	-42.47	-36.75	-29.74	-23.34	-20.43	-11.00	-17.08																																				
ADK S GLENS___FALLS	24028	24.17	22.05	20.94	21.53	21.60	23.20	33.40	32.31	27.46	22.86	22.51	22.64	25.08	29.50	31.39	36.06	40.78	58.53	56.44	51.12	45.32	38.99	29.08	25.70																																				
		0.23	0.21	0.19	0.19	0.21	0.36	0.32	0.69	0.82	0.74	0.72	0.74	0.76	0.75	0.49	0.49	0.52	0.61	0.81	0.90	1.00	0.77	1.05	0.42																																				
		-18.83	-16.74	-15.87	-16.61	-16.29	-15.09	-25.87	-17.18	-9.25	-5.19	-4.99	-5.36	-8.46	-13.39	-15.53	-21.52	-26.09	-42.97	-37.14	-30.19	-23.54	-20.62	-11.02	-17.12																																				
ADK_NYS___DAM	23527	23.33	21.33	20.26	20.82	20.88	22.53	32.25	31.46	26.98	22.42	22.15	22.20	24.11	27.63	29.73	33.70	38.08	53.35	52.15	47.63	43.39	37.30	28.25	24.86																																				
		0.25	0.24	0.23	0.22	0.23	0.36	0.34	0.62	0.75	0.68	0.65	0.63	0.60	0.58	0.58	0.52	0.55	0.60	0.78	0.84	0.91	0.74	0.71	0.34																																				
		-17.98	-15.99	-15.16	-15.86	-15.56	-14.41	-24.71	-16.41	-8.83	-4.82	-4.69	-5.04	-7.65	-11.70	-13.78	-19.14	-23.37	-37.80	-32.89	-26.77	-21.69	-18.96	-10.53	-16.36																																				
AIR_PRODUCTS___DRP	24190	23.03	21.04	19.98	20.54	20.61	22.17	31.81	30.84	26.33	22.03	21.75	21.85	24.02	28.14	30.21	34.53	39.01	55.67	53.80	48.80	43.37	37.35	27.70	24.50																																				
		0.06	0.05	0.05	0.05	0.06	0.09	0.06	0.10	0.16	0.19	0.22	0.23	0.17	0.17	0.18	0.18	0.21	0.21	0.28	0.30	0.31	0.25	0.24	0.10																																				
		-17.87	-15.89	-15.06	-15.76	-15.46	-14.32	-24.55	-16.31	-8.78	-4.91	-4.73	-5.08	-7.99	-12.62	-14.65	-20.31	-24.63	-40.51	-35.04	-28.48	-22.27	-19.50	-10.46	-16.25																																				
AKWESSNE_115KV_BK	355683	5.01	5.01	4.78	4.66	5.01	7.56	7.07	14.25	17.09	16.64	16.51	16.23	15.58	15.10	15.12	13.85	13.98	14.85	18.28	19.75	20.42	17.25	16.68	7.96																																				
		-0.15	-0.14	-0.13	-0.12	-0.13	-0.24	-0.21	-0.23	-0.33	-0.30	-0.30	-0.31	-0.30	-0.29	-0.29	-0.25	-0.25	-0.22	-0.31	-0.36	-0.44	-0.40	-0.36	-0.24																																				
		-0.05	-0.05	-0.04	-0.05	-0.05	-0.04	-0.07	-0.05	-0.03	-0.01	-0.01	-0.02	-0.02	-0.04	-0.05	-0.06	-0.08	-0.13	-0.11	-0.09	-0.07	-0.06	-0.03	-0.05																																				
ALBANY___1	23571	23.03	21.04	19.98	20.54	20.61	22.17	31.81	30.84	26.33	22.03	21.75	21.85	24.02	28.14	30.21	34.53	39.01	55.67	53.80	48.80	43.37	37.35	27.70	24.50																																				
		0.06	0.05	0.05	0.05	0.06	0.09	0.06	0.10	0.16	0.19	0.22	0.23	0.17	0.17	0.18	0.18	0.21	0.21	0.28	0.30	0.31	0.25	0.24	0.10																																				
		-17.87	-15.89	-15.06	-15.76	-15.46	-14.32	-24.55	-16.31	-8.78	-4.91	-4.73	-5.08	-7.99	-12.62	-14.65	-20.31	-24.63	-40.51	-35.04	-28.48	-22.27	-19.50	-10.46	-16.25																																				
ALBANY___2	23572	23.03	21.04	19.98	20.54	20.61	22.17	31.81	30.84	26.33	22.03	21.75	21.85	24.02	28.14	30.21	34.53	39.01	55.67	53.80	48.80	43.37	37.35	27.70	24.50																																				
		0.06	0.05	0.05	0.05	0.06	0.09	0.06	0.10	0.16	0.19	0.22	0.23	0.17	0.17	0.18	0.18	0.21	0.21	0.28	0.30	0.31	0.25	0.24	0.10																																				
		-17.87	-15.89	-15.06	-15.76	-15.46	-14.32	-24.55	-16.31	-8.78	-4.91	-4.73	-5.08	-7.99	-12.62	-14.65	-20.31	-24.63	-40.51	-35.04	-28.48	-22.27	-19.50	-10.46	-16.25																																				
ALBANY___3	23573	23.03	21.04	19.98	20.54	20.61	22.17	31.81	30.84	26.33	22.03	21.75	21.85	24.02	28.14	30.21	34.53	39.01	55.67	53.80	48.80	43.37	37.35	27.70	24.50																																				
		0.06	0.05	0.05	0.05	0.06	0.09	0.06	0.10	0.16	0.19	0.22	0.23	0.17	0.17	0.18	0.18	0.21	0.21	0.28	0.30	0.31	0.25	0.24	0.10																																				
		-17.87	-15.89	-15.06	-15.76	-15.46	-14.32	-24.55	-16.31	-8.78	-4.91	-4.73	-5.08	-7.99	-12.62	-14.65	-20.31	-24.63	-40.51	-35.04	-28.48	-22.27	-19.50	-10.46	-16.25																																				

ALBANY___4 23574	23.03 0.06 -17.87	21.04 0.05 -15.89	19.98 0.05 -15.06	20.54 0.05 -15.76	20.61 0.06 -15.46	22.17 0.09 -14.32	31.81 0.06 -24.55	30.84 0.10 -16.31	26.33 0.16 -8.78	22.03 0.19 -4.91	21.75 0.22 -4.73	21.85 0.23 -5.08	24.02 0.17 -7.99	28.14 0.17 -12.62	30.21 0.18 -14.65	34.53 0.18 -20.31	39.01 0.21 -24.63	55.67 0.21 -40.51	53.80 0.28 -35.04	48.80 0.30 -28.48	43.37 0.31 -22.27	37.35 0.25 -19.50	27.70 0.24 -10.46	24.50 0.10 -16.25
ALBANY___LFGE 323615	23.36 0.10 -18.15	21.34 0.10 -16.14	20.27 0.09 -15.31	20.84 0.09 -16.02	20.90 0.10 -15.71	22.47 0.16 -14.55	32.28 0.13 -24.95	31.25 0.25 -16.57	26.64 0.33 -8.92	22.24 0.34 -4.97	21.97 0.37 -4.80	22.08 0.40 -5.16	24.26 0.33 -8.07	28.38 0.34 -12.69	30.48 0.35 -14.76	34.84 0.34 -20.46	39.43 0.37 -24.90	56.20 0.37 -40.89	54.34 0.48 -35.38	49.27 0.50 -28.75	43.88 0.54 -22.55	37.77 0.42 -19.75	28.04 0.41 -10.62	24.84 0.17 -16.51
ALCOA_PA_115KV_PL-6C 55860	5.01 -0.18 -0.08	5.00 -0.17 -0.07	4.77 -0.17 -0.07	4.65 -0.15 -0.07	5.00 -0.16 -0.07	7.53 -0.29 -0.07	7.07 -0.25 -0.11	14.40 -0.10 -0.07	17.23 -0.21 -0.04	16.77 -0.19 -0.02	16.65 -0.17 -0.02	16.37 -0.18 -0.02	15.72 -0.17 -0.04	15.23 -0.18 -0.06	15.25 -0.18 -0.07	13.97 -0.17 -0.10	14.14 -0.14 -0.12	15.05 -0.09 -0.19	18.41 -0.24 -0.17	19.88 -0.28 -0.14	20.54 -0.35 -0.10	17.34 -0.35 -0.09	16.85 -0.20 -0.05	7.95 -0.29 -0.07
ALCOA_RYNLDS___DRP 24188	5.01 -0.18 -0.08	5.00 -0.17 -0.07	4.77 -0.17 -0.07	4.65 -0.15 -0.07	5.00 -0.16 -0.07	7.53 -0.29 -0.07	7.07 -0.25 -0.11	14.40 -0.10 -0.07	17.23 -0.21 -0.04	16.77 -0.19 -0.02	16.65 -0.17 -0.02	16.37 -0.18 -0.02	15.72 -0.17 -0.04	15.23 -0.18 -0.06	15.25 -0.18 -0.07	13.97 -0.17 -0.10	14.14 -0.14 -0.12	15.05 -0.09 -0.19	18.41 -0.24 -0.17	19.88 -0.28 -0.14	20.54 -0.35 -0.10	17.34 -0.35 -0.09	16.85 -0.20 -0.05	7.95 -0.29 -0.07
ALCOA___DSASP 323711	4.93 -0.18 0.00	4.93 -0.17 0.00	4.70 -0.17 0.00	4.58 -0.15 0.00	4.93 -0.16 0.00	7.47 -0.29 0.00	6.95 -0.25 0.00	14.33 -0.10 0.00	17.19 -0.21 0.00	16.74 -0.19 0.00	16.63 -0.17 0.00	16.35 -0.18 0.00	15.68 -0.17 0.00	15.17 -0.18 0.00	15.19 -0.18 0.00	13.88 -0.17 0.00	14.02 -0.14 0.00	14.87 -0.07 0.00	18.25 -0.24 0.00	19.74 -0.28 0.00	20.43 -0.35 0.00	17.25 -0.35 0.00	16.80 -0.20 0.00	7.87 -0.29 0.00
ALLEGHENY___COGEN 23514	7.78 0.30 -2.37	7.48 0.27 -2.11	7.12 0.25 -2.00	7.07 0.25 -2.09	7.39 0.25 -2.05	10.15 0.50 -1.90	10.85 0.38 -3.26	17.03 0.43 -2.16	18.82 0.26 -1.17	17.68 0.09 -0.66	17.48 0.05 -0.63	17.08 -0.13 -0.68	16.89 -0.06 -1.09	17.14 0.03 -1.76	17.47 0.08 -2.03	16.91 0.06 -2.81	17.59 0.03 -3.40	20.76 0.18 -5.64	23.66 0.31 -4.86	24.45 0.54 -3.89	24.32 0.56 -2.98	20.76 0.55 -2.61	18.88 0.51 -1.37	10.75 0.46 -2.13
ALTAMONT_115KV_TB 2 55880	23.26 0.15 -18.00	21.26 0.15 -16.01	20.19 0.15 -15.18	20.76 0.14 -15.89	20.82 0.15 -15.58	22.42 0.24 -14.43	32.28 0.34 -24.74	31.50 0.63 -16.43	26.99 0.75 -8.84	22.61 0.69 -4.98	22.24 0.66 -4.79	22.35 0.68 -5.14	24.67 0.65 -8.16	28.97 0.63 -12.99	31.01 0.61 -15.03	35.45 0.59 -20.82	40.01 0.62 -25.22	57.30 0.70 -41.65	55.38 0.92 -35.97	50.27 1.02 -29.23	44.51 1.08 -22.64	38.32 0.88 -19.84	28.41 0.87 -10.54	24.92 0.38 -16.37
ALTONA_WT_PWR 323606	4.89 -0.21 0.00	4.91 -0.19 0.00	4.68 -0.19 0.00	4.59 -0.14 0.00	4.95 -0.14 0.00	7.54 -0.22 0.00	7.13 -0.07 0.00	14.60 0.17 0.00	17.62 0.23 0.00	17.17 0.24 0.00	16.98 0.19 0.00	16.63 0.10 0.00	16.02 0.16 0.00	15.47 0.12 0.00	15.48 0.11 0.00	14.14 0.10 0.00	14.26 0.10 0.00	15.14 0.19 0.00	18.86 0.37 0.00	20.36 0.34 0.00	20.91 0.13 0.00	17.49 -0.10 0.00	16.83 -0.17 0.00	8.00 -0.16 0.00
AMERICAN_REF_FUEL 24010	7.30 0.05 -2.14	7.02 0.02 -1.91	6.72 0.04 -1.81	6.66 0.03 -1.89	6.96 0.01 -1.86	9.57 0.09 -1.72	10.05 -0.11 -2.95	15.61 -0.78 -1.96	17.37 -1.08 -1.05	16.46 -1.07 -0.60	16.30 -1.08 -0.57	16.11 -1.04 -0.62	15.86 -0.98 -0.99	16.01 -0.94 -1.59	16.28 -0.92 -1.83	15.70 -0.88 -2.54	16.31 -0.92 -3.07	18.95 -1.09 -5.10	21.47 -1.41 -4.39	22.03 -1.50 -3.51	21.96 -1.52 -2.69	18.80 -1.16 -2.36	17.20 -1.04 -1.24	9.93 -0.15 -1.92
ARKWRIGHT___SUMMIT_WT_PWR 323751	7.74 0.24 -2.40	7.43 0.19 -2.14	7.10 0.21 -2.02	7.04 0.19 -2.12	7.36 0.19 -2.08	10.07 0.40 -1.92	10.76 0.26 -3.30	16.72 0.10 -2.19	18.58 0.00 -1.18	17.60 0.00 -0.67	17.41 -0.03 -0.64	17.20 -0.02 -0.69	16.93 -0.03 -1.11	17.10 -0.03 -1.78	17.39 -0.03 -2.05	16.80 -0.08 -2.84	17.51 -0.08 -3.44	20.47 -0.18 -5.70	23.16 -0.24 -4.92	23.69 -0.26 -3.93	23.61 -0.19 -3.01	20.06 -0.18 -2.64	18.27 -0.12 -1.38	10.52 0.21 -2.15
ARTHUR_KILL_GT_1 23520	20.01 0.37 -14.53	18.39 0.37 -12.92	17.47 0.36 -12.25	17.89 0.34 -12.82	18.03 0.36 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.45 1.35 -4.16	22.10 1.36 -3.94	22.10 1.34 -4.24	24.16 1.27 -7.03	28.24 1.27 -11.61	29.81 1.23 -13.22	33.37 1.07 -18.26	37.13 0.99 -21.98	53.21 1.26 -37.01	51.70 1.48 -31.73	47.32 1.50 -25.80	41.36 1.45 -19.13	35.64 1.23 -16.81	26.86 1.34 -8.52	22.05 0.66 -13.23
ARTHUR_KILL_2 23512	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.34 -12.25	17.88 0.33 -12.82	18.01 0.35 -12.57	19.91 0.51 -11.64	27.66 0.49 -19.97	28.62 0.92 -13.26	25.84 1.31 -7.14	22.40 1.30 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.21 1.24 -11.61	29.78 1.20 -13.22	33.32 1.02 -18.26	37.09 0.95 -21.98	53.15 1.20 -37.01	51.64 1.42 -31.73	47.26 1.44 -25.80	41.30 1.39 -19.13	35.59 1.18 -16.81	26.81 1.29 -8.52	22.03 0.64 -13.23
ARTHUR_KILL_3 23513	19.96 0.32 -14.53	18.34 0.32 -12.92	17.43 0.31 -12.25	17.85 0.30 -12.82	17.98 0.32 -12.57	19.93 0.53 -11.64	27.66 0.49 -19.97	28.64 0.95 -13.26	25.89 1.36 -7.14	22.45 1.35 -4.16	22.09 1.34 -3.94	22.10 1.34 -4.24	24.14 1.25 -7.03	28.19 1.23 -11.61	29.81 1.23 -13.22	33.39 1.08 -18.26	37.15 1.01 -21.98	53.15 1.20 -37.01	51.63 1.40 -31.74	47.25 1.42 -25.81	41.35 1.43 -19.13	35.59 1.18 -16.81	26.69 1.17 -8.52	21.96 0.57 -13.23
ARTHUR_KILL_COGEN 323718	20.01 0.37 -14.53	18.39 0.37 -12.92	17.47 0.36 -12.25	17.89 0.34 -12.82	18.03 0.36 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.45 1.35 -4.16	22.10 1.36 -3.94	22.10 1.34 -4.24	24.16 1.27 -7.03	28.24 1.27 -11.61	29.81 1.23 -13.22	33.37 1.07 -18.26	37.13 0.99 -21.98	53.21 1.26 -37.01	51.70 1.48 -31.73	47.32 1.50 -25.80	41.36 1.45 -19.13	35.64 1.23 -16.81	26.86 1.34 -8.52	22.05 0.66 -13.23
ASHOKAN____ 23654	20.91 0.10 -15.70	19.17 0.11 -13.97	18.20 0.09 -13.24	18.68 0.09 -13.86	18.78 0.10 -13.59	20.50 0.16 -12.59	28.92 0.14 -21.58	28.99 0.23 -14.33	25.46 0.35 -7.72	21.62 0.31 -4.39	21.30 0.30 -4.20	21.43 0.40 -4.51	23.38 0.29 -7.24	27.76 0.77 -11.64	29.65 0.88 -13.41	33.26 0.66 -18.56	36.87 0.26 -22.45	52.39 0.18 -37.27	50.98 0.37 -32.12	46.82 0.60 -26.19	41.44 0.60 -20.05	35.62 0.44 -17.58	26.57 0.34 -9.22	22.62 0.14 -14.33

ASTORIA_EAST_ENERGY_CC1 323581	19.97 0.34 -14.53	18.35 0.33 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.89 0.49 -11.64	27.63 0.46 -19.97	28.57 0.88 -13.26	25.78 1.25 -7.13	22.38 1.29 -4.16	22.05 1.31 -3.94	22.06 1.29 -4.24	24.11 1.22 -7.03	28.18 1.21 -11.61	29.75 1.17 -13.22	33.35 1.04 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.18 1.36 -25.80	41.26 1.35 -19.13	35.49 1.09 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_EAST_ENERGY_CC2 323582	19.97 0.34 -14.53	18.35 0.33 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.89 0.49 -11.64	27.63 0.46 -19.97	28.57 0.88 -13.26	25.78 1.25 -7.13	22.38 1.29 -4.16	22.05 1.31 -3.94	22.06 1.29 -4.24	24.11 1.22 -7.03	28.18 1.21 -11.61	29.75 1.17 -13.22	33.35 1.04 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.18 1.36 -25.80	41.26 1.35 -19.13	35.49 1.09 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT2_1 24094	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT2_2 24095	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT2_3 24096	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT2_4 24097	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT3_1 24098	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT3_2 24099	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT3_3 24100	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT3_4 24101	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT4_1 24102	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT4_2 24103	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT4_3 24104	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT4_4 24105	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA_GT_1 23523	19.99 0.35 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.65 0.48 -19.97	28.62 0.92 -13.26	25.83 1.31 -7.13	22.41 1.32 -4.16	22.10 1.36 -3.94	22.09 1.32 -4.24	24.16 1.27 -7.03	28.22 1.26 -11.61	29.80 1.21 -13.22	33.39 1.08 -18.26	37.13 0.99 -21.98	53.15 1.20 -37.01	51.65 1.42 -31.74	47.24 1.42 -25.80	41.32 1.41 -19.13	35.55 1.14 -16.80	26.75 1.23 -8.52	22.03 0.64 -13.23

ASTORIA_GT_10 24110	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
ASTORIA_GT_11 24225	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
ASTORIA_GT_12 24226	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
ASTORIA_GT_13 24227	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
ASTORIA_GT_5 24106	19.99 0.35 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.65 0.48 -19.97	28.62 0.92 -13.26	25.83 1.31 -7.13	22.41 1.32 -4.16	22.10 1.36 -3.94	22.09 1.32 -4.24	24.16 1.27 -7.03	28.22 1.26 -11.61	29.80 1.21 -13.22	33.39 1.08 -18.26	37.13 0.99 -21.98	53.15 1.20 -37.01	51.65 1.42 -31.74	47.24 1.42 -25.80	41.32 1.41 -19.13	35.55 1.14 -16.80	26.75 1.23 -8.52	22.03 0.64 -13.23
ASTORIA_GT_7 24107	19.99 0.35 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.65 0.48 -19.97	28.62 0.92 -13.26	25.83 1.31 -7.13	22.41 1.32 -4.16	22.10 1.36 -3.94	22.09 1.32 -4.24	24.16 1.27 -7.03	28.22 1.26 -11.61	29.80 1.21 -13.22	33.39 1.08 -18.26	37.13 0.99 -21.98	53.15 1.20 -37.01	51.65 1.42 -31.74	47.24 1.42 -25.80	41.32 1.41 -19.13	35.55 1.14 -16.80	26.75 1.23 -8.52	22.03 0.64 -13.23
ASTORIA_GT_8 24108	19.99 0.35 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.65 0.48 -19.97	28.62 0.92 -13.26	25.83 1.31 -7.13	22.41 1.32 -4.16	22.10 1.36 -3.94	22.09 1.32 -4.24	24.16 1.27 -7.03	28.22 1.26 -11.61	29.80 1.21 -13.22	33.39 1.08 -18.26	37.13 0.99 -21.98	53.15 1.20 -37.01	51.65 1.42 -31.74	47.24 1.42 -25.80	41.32 1.41 -19.13	35.55 1.14 -16.80	26.75 1.23 -8.52	22.03 0.64 -13.23
ASTORIA___2 24149	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.63 0.46 -19.97	28.59 0.90 -13.26	25.80 1.27 -7.13	22.38 1.29 -4.16	22.07 1.33 -3.94	22.06 1.29 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.77 1.18 -13.22	33.36 1.05 -18.26	37.10 0.96 -21.98	53.13 1.17 -37.01	51.59 1.37 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.71 1.19 -8.52	22.01 0.62 -13.23
ASTORIA___3 23516	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
ASTORIA___4 23517	20.00 0.34 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.93 0.52 -11.66	27.68 0.49 -19.99	28.67 0.97 -13.28	25.90 1.36 -7.15	22.47 1.37 -4.17	22.14 1.39 -3.95	22.14 1.37 -4.24	24.20 1.30 -7.04	28.26 1.27 -11.63	29.87 1.26 -13.24	33.46 1.12 -18.29	37.24 1.05 -22.03	53.29 1.26 -37.09	51.77 1.48 -31.80	47.35 1.50 -25.82	41.42 1.50 -19.14	35.63 1.21 -16.82	26.74 1.22 -8.51	22.00 0.61 -13.23
ASTORIA___5 23518	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
AST_ENERGY_2_CC3 323677	19.97 0.33 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	17.99 0.33 -12.57	19.93 0.53 -11.64	27.68 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.21 1.24 -11.61	29.84 1.26 -13.22	33.40 1.10 -18.26	37.20 1.05 -21.98	53.18 1.23 -37.01	51.67 1.44 -31.74	47.31 1.48 -25.81	41.39 1.48 -19.13	35.62 1.21 -16.81	26.73 1.21 -8.52	21.98 0.59 -13.23
AST_ENERGY_2_CC4 323678	19.97 0.33 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	17.99 0.33 -12.57	19.93 0.53 -11.64	27.68 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.21 1.24 -11.61	29.84 1.26 -13.22	33.40 1.10 -18.26	37.20 1.05 -21.98	53.18 1.23 -37.01	51.67 1.44 -31.74	47.31 1.48 -25.81	41.39 1.48 -19.13	35.62 1.21 -16.81	26.73 1.21 -8.52	21.98 0.59 -13.23
ATHENS_STG_1 23668	21.49 0.18 -16.20	19.69 0.18 -14.41	18.70 0.18 -13.66	19.20 0.17 -14.30	19.29 0.18 -14.02	21.03 0.29 -12.98	29.73 0.26 -22.26	29.69 0.48 -14.79	25.98 0.63 -7.96	22.11 0.63 -4.55	21.77 0.62 -4.34	21.83 0.63 -4.67	24.00 0.59 -7.55	28.15 0.57 -12.23	30.00 0.58 -14.04	34.00 0.52 -19.43	38.15 0.51 -23.48	54.57 0.52 -39.11	52.80 0.65 -33.66	48.06 0.68 -27.36	42.28 0.71 -20.78	36.45 0.62 -18.24	27.09 0.59 -9.49	23.19 0.29 -14.74
ATHENS_STG_2 23670	21.49 0.18 -16.20	19.69 0.18 -14.41	18.70 0.18 -13.66	19.20 0.17 -14.30	19.29 0.18 -14.02	21.03 0.29 -12.98	29.73 0.26 -22.26	29.69 0.48 -14.79	25.98 0.63 -7.96	22.11 0.63 -4.55	21.77 0.62 -4.34	21.83 0.63 -4.67	24.00 0.59 -7.55	28.15 0.57 -12.23	30.00 0.58 -14.04	34.00 0.52 -19.43	38.15 0.51 -23.48	54.57 0.52 -39.11	52.80 0.65 -33.66	48.06 0.68 -27.36	42.28 0.71 -20.78	36.45 0.62 -18.24	27.09 0.59 -9.49	23.19 0.29 -14.74

ATHENS_STG_3 23677	21.49 0.18 -16.20	19.69 0.18 -14.41	18.70 0.18 -13.66	19.20 0.17 -14.30	19.29 0.18 -14.02	21.03 0.29 -12.98	29.73 0.26 -22.26	29.69 0.48 -14.79	25.98 0.63 -7.96	22.11 0.63 -4.55	21.77 0.62 -4.34	21.83 0.63 -4.67	24.00 0.59 -7.55	28.15 0.57 -12.23	30.00 0.58 -14.04	34.00 0.52 -19.43	38.15 0.51 -23.48	54.57 0.52 -39.11	52.80 0.65 -33.66	48.06 0.68 -27.36	42.28 0.71 -20.78	36.45 0.62 -18.24	27.09 0.59 -9.49	23.19 0.29 -14.74
AUBURN___LFGE 323710	6.95 0.06 -1.78	6.73 0.05 -1.59	6.41 0.04 -1.50	6.34 0.03 -1.57	6.67 0.04 -1.54	9.31 0.12 -1.43	9.77 0.12 -2.45	16.26 0.20 -1.63	18.50 0.23 -0.88	17.62 0.19 -0.50	17.45 0.17 -0.48	17.13 0.08 -0.51	16.85 0.16 -0.83	16.90 0.20 -1.35	17.13 0.22 -1.55	16.37 0.18 -2.14	16.92 0.17 -2.59	19.40 0.15 -4.31	22.46 0.26 -3.71	23.36 0.32 -3.01	23.43 0.35 -2.29	19.92 0.32 -2.01	18.30 0.26 -1.04	9.98 0.20 -1.62
BABYLON_RES_REC 323704	26.29 0.44 -20.74	21.47 0.44 -15.93	20.06 0.42 -14.77	19.94 0.41 -14.79	19.12 0.44 -13.59	21.66 0.69 -13.21	30.04 0.71 -22.13	32.17 1.33 -16.42	31.10 1.72 -11.98	29.46 1.73 -10.80	28.81 1.65 -10.37	28.78 1.52 -10.73	30.23 1.51 -12.86	31.55 1.44 -14.76	30.77 1.44 -13.96	33.45 1.14 -18.27	42.21 1.25 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.88 1.46 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39
BABYLON__69_KV_BK2 356345	25.76 0.49 -20.17	21.25 0.49 -15.66	19.88 0.47 -14.55	19.81 0.45 -14.62	19.08 0.48 -13.51	21.59 0.76 -13.07	29.87 0.71 -21.95	32.33 1.47 -16.43	31.26 1.88 -11.99	29.60 1.86 -10.80	28.95 1.78 -10.37	28.93 1.67 -10.73	30.36 1.63 -12.87	31.71 1.58 -14.78	30.93 1.58 -13.98	33.59 1.25 -18.30	42.39 1.37 -26.85	53.49 1.45 -37.10	51.88 1.59 -31.81	47.65 1.80 -25.82	47.13 1.97 -24.37	36.07 1.64 -16.83	29.58 1.72 -10.86	28.40 0.85 -19.39
BARON_WINDS___WT_PWR 323822	8.22 0.16 -2.96	7.86 0.13 -2.63	7.50 0.14 -2.49	7.47 0.13 -2.61	7.77 0.12 -2.56	10.40 0.27 -2.37	11.46 0.19 -4.06	17.19 0.06 -2.70	18.83 -0.02 -1.45	17.71 -0.05 -0.83	17.51 -0.08 -0.79	17.33 -0.05 -0.85	17.18 -0.05 -1.36	17.52 -0.03 -2.19	17.87 -0.03 -2.53	17.50 -0.04 -3.50	18.31 -0.08 -4.23	21.82 -0.15 -7.03	24.38 -0.17 -6.05	24.74 -0.12 -4.84	24.41 -0.08 -3.70	20.81 -0.04 -3.25	18.67 -0.03 -1.70	10.99 0.18 -2.65
BARRETT_IC_1 23704	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_10 23701	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_11 23702	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_12 23703	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_2 23705	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_3 23706	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_4 23707	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_5 23708	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_6 23709	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_7 23710	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39

BARRETT_IC_8 23711	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT_IC_9 23700	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT___1 23545	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BARRETT___2 23546	26.34 0.40 -20.83	21.49 0.41 -15.98	20.08 0.40 -14.81	19.94 0.39 -14.82	19.11 0.41 -13.61	21.63 0.64 -13.23	29.95 0.58 -22.16	31.92 1.07 -16.42	30.84 1.46 -11.98	29.20 1.47 -10.80	28.54 1.38 -10.37	28.59 1.34 -10.73	30.00 1.28 -12.86	31.35 1.24 -14.76	30.57 1.24 -13.96	33.31 1.00 -18.27	42.02 1.06 -26.80	53.13 1.17 -37.02	51.51 1.27 -31.74	47.25 1.42 -25.81	46.69 1.54 -24.37	35.64 1.23 -16.81	29.16 1.29 -10.86	28.19 0.64 -19.39
BATAVIA___115KV_TB1 55881	7.28 0.22 -1.95	7.02 0.19 -1.74	6.69 0.18 -1.65	6.63 0.18 -1.72	6.95 0.17 -1.69	9.68 0.36 -1.56	10.11 0.22 -2.68	16.11 -0.10 -1.78	18.11 -0.24 -0.96	17.14 -0.34 -0.55	17.00 -0.32 -0.52	16.79 -0.30 -0.56	16.48 -0.29 -0.91	16.57 -0.26 -1.48	16.80 -0.26 -1.69	16.11 -0.28 -2.35	16.71 -0.28 -2.83	19.28 -0.39 -4.72	22.03 -0.52 -4.06	22.84 -0.48 -3.30	22.79 -0.50 -2.51	19.50 -0.30 -2.20	17.89 -0.26 -1.14	10.12 0.19 -1.78
BAYONEEC___CTG1 323682	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG10 323750	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG2 323683	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG3 323684	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG4 323685	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG5 323686	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG6 323687	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG7 323688	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG8 323689	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
BAYONEEC___CTG9 323749	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23

BEACON___LESR 323632	23.23 0.15 -17.97	21.22 0.15 -15.98	20.15 0.13 -15.15	20.71 0.13 -15.85	20.78 0.15 -15.55	22.39 0.24 -14.40	32.09 0.19 -24.69	31.19 0.36 -16.40	26.69 0.47 -8.83	22.33 0.47 -4.92	22.05 0.50 -4.75	22.18 0.54 -5.10	24.32 0.48 -7.98	28.39 0.48 -12.56	30.47 0.49 -14.61	34.77 0.48 -20.25	39.30 0.50 -24.64	55.94 0.52 -40.48	54.17 0.66 -35.02	49.21 0.72 -28.47	43.85 0.75 -22.32	37.74 0.60 -19.54	28.07 0.56 -10.51	24.72 0.23 -16.33
BEAVER RIVER___HYD 24048	5.56 -0.12 -0.57	5.48 -0.13 -0.51	5.22 -0.13 -0.48	5.11 -0.13 -0.50	5.47 -0.12 -0.49	8.06 -0.15 -0.46	7.86 -0.13 -0.78	14.79 -0.16 -0.52	17.33 -0.35 -0.28	16.75 -0.34 -0.16	16.62 -0.34 -0.15	16.30 -0.40 -0.16	15.76 -0.36 -0.26	15.40 -0.37 -0.42	15.44 -0.41 -0.48	14.35 -0.37 -0.67	14.68 -0.30 -0.81	16.08 -0.21 -1.34	19.46 -0.18 -1.16	20.74 -0.22 -0.94	21.44 -0.06 -0.72	18.16 -0.07 -0.63	17.27 -0.07 -0.33	8.57 -0.11 -0.52
BEEBEE_GT_13 23619	6.91 0.11 -1.69	6.69 0.09 -1.51	6.38 0.08 -1.43	6.31 0.08 -1.49	6.63 0.07 -1.47	9.29 0.18 -1.36	9.63 0.10 -2.33	15.83 -0.14 -1.55	17.97 -0.26 -0.83	17.12 -0.29 -0.48	17.02 -0.24 -0.45	16.75 -0.26 -0.49	16.43 -0.22 -0.79	16.42 -0.21 -1.28	16.62 -0.22 -1.47	15.87 -0.21 -2.04	16.40 -0.23 -2.46	18.74 -0.30 -4.10	21.63 -0.39 -3.53	22.51 -0.38 -2.87	22.56 -0.39 -2.17	19.24 -0.26 -1.91	17.76 -0.24 -0.99	9.80 0.10 -1.54
BENSHRST_27_KV_BENSHRST_1 355998	20.03 0.38 -14.55	18.40 0.37 -12.94	17.49 0.36 -12.26	17.91 0.35 -12.83	18.04 0.37 -12.59	19.97 0.56 -11.66	27.73 0.53 -19.99	28.76 1.05 -13.28	26.02 1.48 -7.15	22.59 1.49 -4.17	22.26 1.51 -3.95	22.24 1.47 -4.24	24.29 1.40 -7.04	28.38 1.40 -11.63	29.99 1.38 -13.24	33.56 1.22 -18.29	37.34 1.15 -22.03	53.44 1.40 -37.09	51.96 1.66 -31.80	47.55 1.70 -25.82	41.60 1.68 -19.14	35.80 1.39 -16.82	26.90 1.38 -8.51	22.06 0.68 -13.23
BETHLEHEM___GRP 23843	23.03 0.06 -17.87	21.04 0.05 -15.89	19.98 0.05 -15.06	20.54 0.05 -15.76	20.61 0.06 -15.46	22.17 0.09 -14.32	31.81 0.06 -24.55	30.84 0.10 -16.31	26.33 0.16 -8.78	22.03 0.19 -4.91	21.75 0.22 -4.73	21.85 0.23 -5.08	24.02 0.17 -7.99	28.14 0.17 -12.62	30.21 0.18 -14.65	34.53 0.18 -20.31	39.01 0.21 -24.63	55.67 0.21 -40.51	53.80 0.28 -35.04	48.80 0.30 -28.48	43.37 0.31 -22.27	37.35 0.25 -19.50	27.70 0.24 -10.46	24.50 0.10 -16.25
BETHLEHEM___GS1 323560	23.15 0.06 -17.99	21.15 0.05 -16.00	20.08 0.05 -15.17	20.65 0.05 -15.87	20.71 0.06 -15.57	22.27 0.09 -14.42	31.99 0.06 -24.72	30.95 0.10 -16.42	26.39 0.16 -8.84	22.05 0.19 -4.93	21.77 0.22 -4.75	21.87 0.23 -5.11	24.03 0.17 -8.00	28.12 0.17 -12.60	30.20 0.19 -14.65	34.53 0.18 -20.31	39.11 0.21 -24.73	55.80 0.21 -40.64	53.92 0.28 -35.16	48.89 0.30 -28.57	43.47 0.31 -22.37	37.44 0.25 -19.59	27.76 0.24 -10.52	24.60 0.10 -16.35
BETHLEHEM___GS2 323561	23.15 0.06 -17.99	21.15 0.05 -16.00	20.08 0.05 -15.17	20.65 0.05 -15.87	20.71 0.06 -15.57	22.27 0.09 -14.42	31.99 0.06 -24.72	30.95 0.10 -16.42	26.39 0.16 -8.84	22.05 0.19 -4.93	21.77 0.22 -4.75	21.87 0.23 -5.11	24.03 0.17 -8.00	28.12 0.17 -12.60	30.20 0.19 -14.65	34.53 0.18 -20.31	39.11 0.21 -24.73	55.80 0.21 -40.64	53.92 0.28 -35.16	48.89 0.30 -28.57	43.47 0.31 -22.37	37.44 0.25 -19.59	27.76 0.24 -10.52	24.60 0.10 -16.35
BETHLEHEM___GS3 323562	23.15 0.06 -17.99	21.15 0.05 -16.00	20.08 0.05 -15.17	20.65 0.05 -15.87	20.71 0.06 -15.57	22.27 0.09 -14.42	31.99 0.06 -24.72	30.95 0.10 -16.42	26.39 0.16 -8.84	22.05 0.19 -4.93	21.77 0.22 -4.75	21.87 0.23 -5.11	24.03 0.17 -8.00	28.12 0.17 -12.60	30.20 0.19 -14.65	34.53 0.18 -20.31	39.11 0.21 -24.73	55.80 0.21 -40.64	53.92 0.28 -35.16	48.89 0.30 -28.57	43.47 0.31 -22.37	37.44 0.25 -19.59	27.76 0.24 -10.52	24.60 0.10 -16.35
BETHLEHEM___STEEL 23779	7.55 0.13 -2.31	7.25 0.10 -2.05	6.93 0.12 -1.95	6.88 0.11 -2.04	7.18 0.09 -2.00	9.83 0.22 -1.85	10.49 0.12 -3.17	16.18 -0.36 -2.11	17.99 -0.54 -1.13	17.04 -0.54 -0.65	16.85 -0.57 -0.62	16.68 -0.51 -0.67	16.44 -0.49 -1.08	16.64 -0.46 -1.75	16.91 -0.46 -2.01	16.37 -0.45 -2.77	17.05 -0.47 -3.35	19.92 -0.61 -5.59	22.50 -0.79 -4.81	23.09 -0.84 -3.91	22.94 -0.81 -2.96	19.56 -0.63 -2.60	17.81 -0.54 -1.35	10.29 0.03 -2.10
BETHLHEM_115KV_TB1 79974	23.16 0.15 -17.90	21.16 0.15 -15.92	20.10 0.14 -15.09	20.66 0.14 -15.80	20.73 0.15 -15.49	22.33 0.23 -14.35	32.00 0.19 -24.60	31.13 0.36 -16.34	26.66 0.47 -8.79	22.34 0.46 -4.95	22.03 0.47 -4.76	22.12 0.48 -5.11	24.41 0.44 -8.11	28.70 0.43 -12.91	30.76 0.45 -14.94	35.15 0.41 -20.70	39.49 0.25 -25.07	56.60 0.25 -41.41	54.57 0.33 -35.75	49.44 0.36 -29.06	43.67 0.37 -22.51	37.63 0.30 -19.73	27.77 0.29 -10.48	24.56 0.12 -16.28
BETHPAGE_CC_5 323564	26.19 0.42 -20.66	21.41 0.42 -15.89	20.01 0.40 -14.74	19.89 0.39 -14.77	19.09 0.42 -13.58	21.60 0.65 -13.19	29.96 0.65 -22.10	32.07 1.23 -16.42	31.00 1.62 -11.98	29.35 1.63 -10.80	28.71 1.54 -10.37	28.71 1.45 -10.73	30.15 1.43 -12.86	31.46 1.35 -14.76	30.68 1.35 -13.96	33.36 1.05 -18.27	42.09 1.13 -26.80	53.19 1.23 -37.02	51.56 1.33 -31.74	47.33 1.50 -25.81	46.77 1.62 -24.37	35.75 1.34 -16.82	29.33 1.46 -10.86	28.29 0.74 -19.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	7.60 0.11 -2.38	7.29 0.08 -2.12	6.97 0.10 -2.01	6.92 0.09 -2.10	7.22 0.07 -2.06	9.86 0.19 -1.91	10.57 0.09 -3.27	16.23 -0.38 -2.17	17.99 -0.57 -1.17	17.04 -0.56 -0.67	16.85 -0.59 -0.64	16.67 -0.55 -0.69	16.46 -0.51 -1.11	16.66 -0.49 -1.80	16.96 -0.48 -2.07	16.43 -0.48 -2.86	17.12 -0.50 -3.45	20.07 -0.63 -5.76	22.63 -0.81 -4.95	23.17 -0.88 -4.03	23.01 -0.83 -3.05	19.61 -0.67 -2.68	17.80 -0.60 -1.39	10.32 0.00 -2.16
BINGHAMTON___COGEN 23790	9.23 0.11 -4.01	8.77 0.10 -3.57	8.35 0.10 -3.38	8.36 0.09 -3.54	8.66 0.09 -3.47	11.16 0.19 -3.22	12.89 0.17 -5.51	18.25 0.16 -3.66	19.52 0.16 -1.97	18.20 0.14 -1.13	18.00 0.12 -1.08	17.80 0.12 -1.16	17.85 0.11 -1.88	18.53 0.12 -3.05	19.01 0.14 -3.50	19.00 0.11 -4.84	20.11 0.10 -5.85	24.76 0.06 -9.76	27.01 0.13 -8.39	27.00 0.16 -6.82	26.15 0.21 -5.16	22.32 0.19 -4.53	19.52 0.17 -2.35	11.98 0.17 -3.65
BIXINCNT_115KV_LOAD 355685	7.79 0.12 -2.56	7.46 0.09 -2.28	7.13 0.10 -2.16	7.07 0.08 -2.26	7.37 0.06 -2.22	10.00 0.19 -2.05	10.86 0.13 -3.52	16.54 -0.23 -2.34	18.27 -0.38 -1.26	17.26 -0.39 -0.72	17.03 -0.45 -0.69	16.91 -0.36 -0.74	16.67 -0.38 -1.20	16.94 -0.35 -1.94	17.24 -0.35 -2.23	16.75 -0.38 -3.08	17.46 -0.42 -3.72	20.56 -0.58 -6.20	23.12 -0.70 -5.34	23.64 -0.72 -4.34	23.41 -0.67 -3.29	19.94 -0.55 -2.89	18.01 -0.49 -1.50	10.51 0.02 -2.33
BLACK RIVER___HYD 24047	5.83 -0.09 -0.81	5.72 -0.10 -0.72	5.45 -0.10 -0.68	5.34 -0.10 -0.71	5.70 -0.09 -0.70	8.31 -0.09 -0.65	8.23 -0.08 -1.11	15.02 -0.14 -0.74	17.43 -0.37 -0.40	16.82 -0.34 -0.23	16.68 -0.34 -0.21	16.35 -0.41 -0.23	15.85 -0.38 -0.37	15.56 -0.38 -0.59	15.62 -0.43 -0.68	14.63 -0.37 -0.95	15.01 -0.30 -1.15	16.65 -0.19 -1.90	20.02 -0.11 -1.64	21.23 -0.12 -1.33	21.93 0.13 -1.02	18.56 0.07 -0.89	17.51 0.03 -0.47	8.87 -0.02 -0.73

BLACKRVR_115KV_TB2 79977	5.75 -0.09 -0.73	5.65 -0.10 -0.65	5.38 -0.10 -0.62	5.27 -0.10 -0.65	5.63 -0.09 -0.63	8.25 -0.09 -0.59	8.15 -0.06 -1.01	14.96 -0.14 -0.67	17.39 -0.37 -0.36	16.80 -0.34 -0.21	16.66 -0.34 -0.20	16.33 -0.41 -0.21	15.82 -0.38 -0.34	15.52 -0.38 -0.55	15.57 -0.43 -0.64	14.56 -0.37 -0.88	14.93 -0.30 -1.06	16.52 -0.19 -1.77	19.90 -0.11 -1.52	21.14 -0.12 -1.24	21.85 0.12 -0.94	18.51 0.09 -0.82	17.47 0.03 -0.43	8.81 -0.02 -0.67
BLISS_WT_PWR 323608	7.74 0.11 -2.52	7.42 0.08 -2.24	7.08 0.09 -2.13	7.03 0.07 -2.23	7.33 0.05 -2.18	9.96 0.19 -2.02	10.75 0.08 -3.47	16.50 -0.23 -2.30	18.27 -0.37 -1.24	17.25 -0.39 -0.70	17.04 -0.44 -0.67	16.88 -0.38 -0.73	16.66 -0.36 -1.16	16.89 -0.34 -1.87	17.19 -0.34 -2.16	16.64 -0.39 -2.99	17.33 -0.44 -3.61	20.36 -0.58 -6.00	22.95 -0.70 -5.17	23.43 -0.72 -4.13	23.28 -0.67 -3.16	19.82 -0.55 -2.77	17.96 -0.49 -1.45	10.43 0.02 -2.26
BLUE_CIRC_CHEM_DRP 24182	22.85 0.16 -17.58	20.89 0.16 -15.64	19.84 0.15 -14.82	20.39 0.15 -15.51	20.46 0.16 -15.21	22.09 0.25 -14.09	31.57 0.20 -24.16	30.85 0.38 -16.05	26.50 0.47 -8.64	22.25 0.46 -4.86	21.93 0.45 -4.67	22.01 0.46 -5.02	24.26 0.44 -7.96	28.44 0.41 -12.67	30.46 0.43 -14.66	34.76 0.41 -20.31	39.16 0.40 -24.60	55.97 0.40 -40.62	54.08 0.52 -35.08	49.09 0.56 -28.51	43.49 0.60 -22.10	37.46 0.49 -19.36	27.77 0.48 -10.29	24.37 0.22 -15.99
BOC_GAS_DRP 24189	23.15 0.14 -17.90	21.15 0.14 -15.92	20.09 0.13 -15.09	20.66 0.13 -15.80	20.72 0.14 -15.49	22.32 0.22 -14.35	31.99 0.18 -24.60	31.10 0.33 -16.34	26.63 0.43 -8.79	22.32 0.44 -4.95	22.00 0.44 -4.76	22.09 0.45 -5.11	24.38 0.41 -8.11	28.67 0.40 -12.91	30.72 0.41 -14.94	35.11 0.37 -20.70	39.59 0.35 -25.07	56.71 0.36 -41.41	54.69 0.44 -35.75	49.56 0.48 -29.06	43.80 0.50 -22.51	37.75 0.42 -19.73	27.89 0.41 -10.48	24.64 0.20 -16.28
BOONVILLE_115KV_TB1 79983	5.53 0.04 -0.38	5.47 0.04 -0.34	5.22 0.03 -0.32	5.09 0.02 -0.33	5.45 0.04 -0.33	8.15 0.09 -0.30	7.83 0.11 -0.52	14.93 0.16 -0.34	17.70 0.12 -0.19	17.14 0.10 -0.11	16.99 0.08 -0.10	16.70 0.07 -0.11	16.08 0.05 -0.18	15.67 0.03 -0.28	15.71 0.02 -0.33	14.51 0.01 -0.45	14.78 0.07 -0.55	15.99 0.13 -0.91	19.51 0.24 -0.78	20.88 0.22 -0.64	21.64 0.37 -0.48	18.34 0.32 -0.42	17.50 0.27 -0.22	8.61 0.11 -0.34
BORALEX_4TH_BRANCH 23824	23.33 0.25 -17.98	21.33 0.24 -15.99	20.26 0.23 -15.16	20.82 0.22 -15.86	20.88 0.23 -15.56	22.53 0.36 -14.41	32.25 0.34 -24.71	31.46 0.62 -16.41	26.98 0.75 -8.83	22.42 0.68 -4.82	22.15 0.65 -4.69	22.20 0.63 -5.04	24.11 0.60 -7.65	27.63 0.58 -11.70	29.73 0.58 -13.78	33.70 0.52 -19.14	38.08 0.55 -23.37	53.35 0.60 -37.80	52.15 0.78 -32.89	47.63 0.84 -26.77	43.39 0.91 -21.69	37.30 0.74 -18.96	28.25 0.71 -10.53	24.86 0.34 -16.36
BOWLINE___1 23526	18.75 0.31 -13.33	17.27 0.31 -11.86	16.40 0.29 -11.24	16.79 0.29 -11.77	16.94 0.31 -11.54	18.92 0.48 -10.69	25.98 0.45 -18.32	27.47 0.87 -12.17	25.11 1.17 -6.55	21.90 1.15 -3.82	21.57 1.16 -3.61	21.57 1.16 -3.88	23.39 1.09 -6.43	27.01 1.04 -10.62	28.55 1.09 -12.09	31.73 0.98 -16.71	35.22 0.93 -20.12	49.79 1.00 -33.85	48.70 1.18 -29.03	44.92 1.28 -23.62	39.66 1.33 -17.54	34.12 1.11 -15.41	25.88 1.05 -7.82	20.83 0.52 -12.15
BOWLINE___2 23595	18.75 0.31 -13.34	17.27 0.31 -11.86	16.40 0.29 -11.24	16.79 0.29 -11.77	16.94 0.31 -11.54	18.92 0.48 -10.69	25.98 0.45 -18.32	27.47 0.87 -12.17	25.11 1.17 -6.55	21.90 1.15 -3.82	21.57 1.16 -3.61	21.57 1.16 -3.88	23.39 1.09 -6.43	27.01 1.04 -10.62	28.55 1.09 -12.09	31.74 0.98 -16.71	35.22 0.93 -20.12	49.79 1.00 -33.85	48.70 1.18 -29.03	44.93 1.28 -23.62	39.66 1.33 -17.54	34.12 1.11 -15.41	25.88 1.05 -7.82	20.83 0.52 -12.15
BRADY___115KV_TB2 356060	5.02 -0.20 -0.12	5.01 -0.19 -0.10	4.78 -0.19 -0.10	4.66 -0.18 -0.10	5.01 -0.18 -0.10	7.54 -0.31 -0.09	7.11 -0.25 -0.16	14.45 -0.09 -0.11	17.23 -0.23 -0.06	16.76 -0.20 -0.03	16.63 -0.20 -0.03	16.35 -0.21 -0.03	15.71 -0.21 -0.05	15.23 -0.21 -0.09	15.24 -0.23 -0.10	13.99 -0.20 -0.14	14.16 -0.17 -0.17	15.14 -0.09 -0.28	18.51 -0.22 -0.24	19.94 -0.28 -0.20	20.64 -0.29 -0.15	17.41 -0.32 -0.13	16.89 -0.19 -0.07	7.97 -0.29 -0.11
BRANSCOMB___SOLAR 323811	23.94 0.22 -18.61	21.86 0.21 -16.55	20.75 0.20 -15.69	21.34 0.19 -16.42	21.40 0.21 -16.10	23.01 0.34 -14.91	33.10 0.32 -25.57	32.03 0.62 -16.98	27.28 0.75 -9.14	22.69 0.68 -5.09	22.35 0.64 -4.91	22.44 0.63 -5.28	24.73 0.63 -8.24	28.89 0.61 -12.92	30.92 0.51 -15.05	35.40 0.49 -20.87	40.06 0.54 -25.36	57.12 0.60 -41.58	55.28 0.79 -36.00	50.19 0.88 -29.29	44.80 0.96 -23.06	38.56 0.77 -20.19	28.79 0.88 -10.90	25.48 0.38 -16.94
BRENTWOD_69_KV_W. BRTWOOD 56703	25.77 0.46 -20.19	21.23 0.46 -15.67	19.87 0.44 -14.56	19.80 0.44 -14.63	19.07 0.46 -13.51	21.57 0.73 -13.08	29.85 0.68 -21.96	32.26 1.40 -16.43	31.19 1.81 -11.99	29.54 1.81 -10.80	28.88 1.71 -10.37	28.86 1.60 -10.73	30.30 1.57 -12.87	31.64 1.50 -14.78	30.84 1.49 -13.98	33.48 1.14 -18.30	42.30 1.26 -26.88	53.25 1.21 -37.10	51.59 1.29 -31.81	47.33 1.48 -25.82	46.78 1.62 -24.37	35.93 1.48 -16.86	29.46 1.60 -10.86	28.35 0.80 -19.39
BRISTLHL_115KV_TB1 79998	6.24 -0.08 -1.21	6.09 -0.09 -1.08	5.80 -0.09 -1.02	5.71 -0.09 -1.07	6.04 -0.10 -1.05	8.62 -0.11 -0.97	8.77 -0.10 -1.66	15.20 -0.33 -1.10	17.56 -0.43 -0.59	16.83 -0.44 -0.34	16.69 -0.44 -0.32	16.47 -0.41 -0.35	16.04 -0.38 -0.56	15.90 -0.37 -0.91	16.05 -0.37 -1.05	15.15 -0.35 -1.45	15.56 -0.35 -1.75	17.48 -0.39 -2.92	20.62 -0.39 -2.52	21.67 -0.40 -2.04	21.92 -0.42 -1.55	18.63 -0.33 -1.36	17.36 -0.36 -0.71	9.15 -0.11 -1.10
BROOKHAVEN___DRP 24191	25.74 0.44 -20.20	21.23 0.45 -15.68	19.87 0.44 -14.56	19.79 0.43 -14.63	19.06 0.45 -13.51	21.54 0.71 -13.08	29.85 0.68 -21.96	32.26 1.40 -16.43	31.07 1.69 -11.99	29.43 1.69 -10.80	28.77 1.60 -10.37	28.77 1.50 -10.73	30.20 1.47 -12.87	31.54 1.41 -14.78	30.76 1.41 -13.98	33.44 1.10 -18.30	42.23 1.22 -26.84	53.42 1.37 -37.10	51.77 1.48 -31.81	47.55 1.70 -25.82	47.02 1.87 -24.37	35.87 1.44 -16.82	29.43 1.56 -10.86	28.31 0.76 -19.39
BROOKLYN_NAVY_YARD 23515	19.96 0.33 -14.53	18.35 0.33 -12.92	17.43 0.32 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.50 1.40 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.84 1.26 -13.22	33.42 1.11 -18.26	37.20 1.05 -21.98	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	21.98 0.59 -13.23
BROOKLYN___ARMY_DRP 323595	20.01 0.36 -14.55	18.39 0.36 -12.94	17.48 0.35 -12.26	17.90 0.33 -12.83	18.03 0.35 -12.59	19.95 0.54 -11.66	27.70 0.50 -19.99	28.72 1.01 -13.28	25.95 1.41 -7.15	22.50 1.41 -4.17	22.17 1.43 -3.95	22.18 1.41 -4.24	24.23 1.33 -7.04	28.31 1.32 -11.63	29.91 1.31 -13.24	33.49 1.15 -18.29	37.27 1.08 -22.03	53.37 1.33 -37.09	51.86 1.57 -31.80	47.45 1.60 -25.82	41.50 1.58 -19.14	35.72 1.30 -16.82	26.83 1.31 -8.51	22.03 0.64 -13.23

BROOKVLE_69_KV_TB1 55790	25.01 0.41 -19.49	20.84 0.41 -15.33	19.53 0.39 -14.27	19.52 0.38 -14.40	18.89 0.41 -13.40	21.30 0.64 -12.90	29.51 0.60 -21.71	32.06 1.20 -16.43	30.99 1.60 -11.99	29.32 1.59 -10.80	28.75 1.58 -10.37	28.78 1.52 -10.73	30.22 1.49 -12.87	31.57 1.44 -14.78	30.81 1.46 -13.98	33.56 1.22 -18.30	42.28 1.27 -26.84	53.43 1.39 -37.10	51.87 1.57 -31.81	47.57 1.72 -25.82	46.96 1.81 -24.37	35.89 1.48 -16.82	29.33 1.46 -10.86	28.27 0.72 -19.39
BROOME_2_LFGE 323671	9.45 0.11 -4.23	8.96 0.10 -3.76	8.53 0.10 -3.57	8.55 0.09 -3.73	8.84 0.09 -3.66	11.33 0.19 -3.39	13.17 0.15 -5.81	18.45 0.16 -3.86	19.63 0.16 -2.08	18.25 0.13 -1.18	18.05 0.12 -1.13	17.86 0.12 -1.22	17.92 0.11 -1.95	18.62 0.12 -3.14	19.12 0.14 -3.62	19.16 0.11 -5.01	20.32 0.10 -6.06	25.06 0.06 -10.06	27.28 0.13 -8.67	26.98 0.16 -6.80	26.20 0.21 -5.20	22.36 0.19 -4.56	19.57 0.17 -2.39	12.05 0.17 -3.72
BROOME__LFGE 323600	9.45 0.11 -4.23	8.96 0.10 -3.76	8.53 0.10 -3.57	8.55 0.09 -3.73	8.84 0.09 -3.66	11.33 0.19 -3.39	13.17 0.15 -5.81	18.45 0.16 -3.86	19.63 0.16 -2.08	18.25 0.13 -1.18	18.05 0.12 -1.13	17.86 0.12 -1.22	17.92 0.11 -1.95	18.62 0.12 -3.14	19.12 0.14 -3.62	19.16 0.11 -5.01	20.32 0.10 -6.06	25.06 0.06 -10.06	27.28 0.13 -8.67	26.98 0.16 -6.80	26.20 0.21 -5.20	22.36 0.19 -4.56	19.57 0.17 -2.39	12.05 0.17 -3.72
BROWNFLS_115KV_TB_3_5 80003	5.19 -0.27 -0.35	5.14 -0.27 -0.31	4.90 -0.26 -0.29	4.79 -0.25 -0.31	5.14 -0.25 -0.30	7.65 -0.38 -0.28	7.36 -0.32 -0.48	14.37 -0.38 -0.32	16.98 -0.59 -0.17	16.45 -0.58 -0.10	16.32 -0.57 -0.09	16.00 -0.63 -0.10	15.45 -0.57 -0.16	15.03 -0.58 -0.26	15.07 -0.60 -0.30	13.91 -0.55 -0.41	14.17 -0.50 -0.50	15.36 -0.42 -0.83	18.67 -0.54 -0.72	20.00 -0.60 -0.58	20.69 -0.54 -0.44	17.50 -0.49 -0.39	16.78 -0.43 -0.20	8.12 -0.36 -0.31
BROWNSV1_27_KV_LOAD 356125	20.03 0.37 -14.55	18.40 0.37 -12.93	17.49 0.36 -12.26	17.91 0.35 -12.83	18.04 0.37 -12.59	20.00 0.59 -11.66	27.75 0.55 -19.99	28.82 1.11 -13.28	26.07 1.53 -7.15	22.62 1.52 -4.17	22.28 1.53 -3.95	22.27 1.50 -4.24	24.32 1.43 -7.04	28.38 1.40 -11.63	30.00 1.40 -13.24	33.57 1.24 -18.29	37.37 1.18 -22.03	53.42 1.39 -37.09	51.94 1.65 -31.80	47.54 1.70 -25.82	41.65 1.73 -19.14	35.82 1.41 -16.82	26.88 1.36 -8.51	22.05 0.66 -13.23
BURROWS__LYONSDAL 23803	5.52 0.01 -0.40	5.45 0.00 -0.36	5.20 0.00 -0.34	5.08 -0.01 -0.35	5.44 0.01 -0.35	8.12 0.05 -0.32	7.82 0.06 -0.55	14.88 0.09 -0.37	17.61 0.02 -0.20	17.04 0.00 -0.11	16.89 -0.02 -0.11	16.61 -0.03 -0.12	16.00 -0.05 -0.19	15.59 -0.06 -0.30	15.62 -0.09 -0.35	14.45 -0.07 -0.48	14.73 -0.01 -0.58	15.97 0.06 -0.97	19.47 0.15 -0.83	20.84 0.14 -0.68	21.59 0.29 -0.51	18.30 0.25 -0.45	17.44 0.20 -0.23	8.58 0.06 -0.37
CAITHNESS_CC_1 323624	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.99 0.43 -14.83	19.15 0.45 -13.61	21.70 0.71 -13.24	30.11 0.74 -22.17	32.25 1.40 -16.42	31.10 1.72 -11.98	29.44 1.71 -10.80	28.79 1.63 -10.37	28.78 1.52 -10.73	30.21 1.49 -12.86	31.54 1.43 -14.76	30.76 1.43 -13.96	33.41 1.10 -18.27	42.18 1.22 -26.80	53.32 1.36 -37.02	51.69 1.46 -31.74	47.51 1.68 -25.81	47.00 1.85 -24.37	35.86 1.44 -16.82	29.43 1.56 -10.86	28.32 0.77 -19.39
CALPINE BETH_PAGE_GT4 24209	25.63 0.43 -20.10	21.15 0.43 -15.63	19.80 0.41 -14.52	19.73 0.40 -14.60	19.01 0.42 -13.50	21.48 0.67 -13.06	29.73 0.60 -21.92	32.09 1.23 -16.43	31.00 1.62 -11.99	29.36 1.63 -10.80	28.72 1.55 -10.37	28.73 1.47 -10.73	30.16 1.43 -12.87	31.45 1.32 -14.78	30.67 1.32 -13.98	33.39 1.05 -18.30	42.14 1.13 -26.84	53.27 1.23 -37.10	51.63 1.33 -31.81	47.35 1.50 -25.82	46.78 1.62 -24.37	35.74 1.32 -16.82	29.33 1.46 -10.86	28.28 0.73 -19.39
CALPINE_BETH_PAGE_GT_4 323586	26.11 0.43 -20.57	21.38 0.43 -15.85	19.98 0.41 -14.70	19.87 0.40 -14.74	19.08 0.42 -13.56	21.59 0.67 -13.17	29.93 0.65 -22.07	32.07 1.23 -16.42	31.00 1.62 -11.98	29.35 1.63 -10.80	28.71 1.54 -10.37	28.73 1.47 -10.73	30.15 1.43 -12.86	31.43 1.32 -14.76	30.65 1.32 -13.96	33.36 1.05 -18.27	42.09 1.13 -26.80	53.19 1.23 -37.02	51.56 1.33 -31.74	47.33 1.50 -25.81	46.77 1.62 -24.37	35.74 1.32 -16.82	29.33 1.46 -10.86	28.29 0.73 -19.39
CALPINE_BP_GT1 23823	26.11 0.43 -20.57	21.38 0.43 -15.85	19.98 0.41 -14.70	19.87 0.40 -14.74	19.08 0.42 -13.56	21.59 0.67 -13.17	29.93 0.65 -22.07	32.07 1.23 -16.42	31.00 1.62 -11.98	29.35 1.63 -10.80	28.71 1.54 -10.37	28.73 1.47 -10.73	30.15 1.43 -12.86	31.43 1.32 -14.76	30.65 1.32 -13.96	33.36 1.05 -18.27	42.09 1.13 -26.80	53.19 1.23 -37.02	51.56 1.33 -31.74	47.33 1.50 -25.81	46.77 1.62 -24.37	35.74 1.32 -16.82	29.33 1.46 -10.86	28.29 0.73 -19.39
CALSPAN__DRP 24200	7.55 0.13 -2.31	7.25 0.10 -2.05	6.93 0.12 -1.95	6.88 0.11 -2.04	7.18 0.09 -2.00	9.83 0.22 -1.85	10.49 0.12 -3.17	16.18 -0.36 -2.11	17.99 -0.54 -1.13	17.04 -0.54 -0.65	16.85 -0.57 -0.62	16.68 -0.51 -0.67	16.44 -0.49 -1.08	16.64 -0.46 -1.75	16.91 -0.46 -2.01	16.37 -0.45 -2.77	17.05 -0.47 -3.35	19.92 -0.61 -5.59	22.50 -0.79 -4.81	23.09 -0.84 -3.91	22.94 -0.81 -2.96	19.56 -0.63 -2.60	17.81 -0.54 -1.35	10.29 0.03 -2.10
CALVERTON__SOLAR 323806	26.41 0.44 -20.86	21.55 0.46 -15.99	20.14 0.45 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.71 0.71 -13.24	30.11 0.74 -22.17	32.28 1.43 -16.42	31.08 1.71 -11.98	29.42 1.69 -10.80	28.78 1.61 -10.37	28.78 1.52 -10.73	30.19 1.48 -12.86	31.54 1.43 -14.76	30.76 1.43 -13.96	33.42 1.11 -18.27	42.21 1.25 -26.80	53.37 1.40 -37.02	51.75 1.52 -31.74	47.57 1.74 -25.81	47.06 1.91 -24.37	35.90 1.48 -16.82	29.47 1.60 -10.86	28.33 0.78 -19.39
CANDIGU_WT_PWR 323617	8.22 0.16 -2.96	7.86 0.13 -2.63	7.50 0.14 -2.49	7.47 0.13 -2.61	7.77 0.12 -2.56	10.40 0.27 -2.37	11.46 0.19 -4.06	17.19 0.06 -2.70	18.83 -0.02 -1.45	17.71 -0.05 -0.83	17.51 -0.08 -0.79	17.33 -0.05 -0.85	17.18 -0.05 -1.36	17.52 -0.03 -2.19	17.87 -0.03 -2.53	17.50 -0.04 -3.50	18.31 -0.08 -4.23	21.82 -0.15 -7.03	24.38 -0.17 -6.05	24.74 -0.12 -4.84	24.41 -0.08 -3.70	20.81 -0.04 -3.25	18.67 -0.03 -1.70	10.99 0.18 -2.65
CARR STREET_E_SYR 24060	6.51 -0.01 -1.41	6.33 -0.02 -1.26	6.03 -0.02 -1.19	5.95 -0.02 -1.25	6.28 -0.03 -1.22	8.89 0.00 -1.13	9.14 -0.01 -1.94	15.56 -0.16 -1.29	17.86 -0.23 -0.69	17.10 -0.22 -0.39	16.97 -0.22 -0.38	16.76 -0.18 -0.41	16.33 -0.19 -0.66	16.27 -0.15 -1.07	16.45 -0.15 -1.23	15.59 -0.15 -1.70	16.05 -0.17 -2.06	18.15 -0.21 -3.42	21.23 -0.20 -2.95	22.17 -0.18 -2.33	22.38 -0.19 -1.79	19.02 -0.14 -1.57	17.67 -0.15 -0.82	9.43 -0.01 -1.28
CARTHAGE__PAPER 23857	5.70 -0.12 -0.71	5.61 -0.12 -0.64	5.34 -0.13 -0.60	5.24 -0.12 -0.63	5.59 -0.12 -0.62	8.19 -0.14 -0.57	8.07 -0.12 -0.98	14.94 -0.14 -0.65	17.38 -0.37 -0.35	16.77 -0.36 -0.20	16.64 -0.35 -0.19	16.32 -0.41 -0.20	15.80 -0.38 -0.33	15.48 -0.40 -0.53	15.55 -0.43 -0.61	14.51 -0.38 -0.84	14.87 -0.31 -1.02	16.42 -0.21 -1.69	19.79 -0.15 -1.45	21.02 -0.18 -1.18	21.71 0.02 -0.90	18.37 -0.02 -0.79	17.39 -0.03 -0.42	8.72 -0.08 -0.65

CASSADAGA_WT_PWR 323784	7.81 0.28 -2.43	7.49 0.23 -2.16	7.16 0.24 -2.05	7.09 0.22 -2.14	7.42 0.22 -2.10	10.16 0.46 -1.94	10.86 0.32 -3.33	16.92 0.27 -2.21	18.80 0.21 -1.19	17.81 0.20 -0.68	17.60 0.15 -0.65	17.41 0.18 -0.70	17.10 0.13 -1.12	17.28 0.12 -1.80	17.57 0.12 -2.07	16.97 0.06 -2.87	17.68 0.04 -3.47	20.67 -0.04 -5.77	23.42 -0.04 -4.97	23.93 -0.06 -3.97	23.87 0.04 -3.04	20.25 -0.02 -2.67	18.44 0.03 -1.40	10.60 0.27 -2.17
CE_DUNWOOD___DRP 24194	20.02 0.32 -14.59	18.39 0.32 -12.97	17.48 0.31 -12.30	17.91 0.30 -12.87	18.03 0.32 -12.62	19.95 0.50 -11.69	27.73 0.48 -20.05	28.66 0.91 -13.32	25.82 1.25 -7.17	22.35 1.24 -4.18	22.00 1.24 -3.96	22.01 1.22 -4.25	24.11 1.19 -7.06	28.17 1.15 -11.66	29.81 1.17 -13.27	33.42 1.04 -18.34	37.25 1.01 -22.09	53.25 1.12 -37.18	51.70 1.33 -31.88	47.31 1.40 -25.89	41.41 1.43 -19.19	35.62 1.16 -16.86	26.68 1.14 -8.54	21.98 0.55 -13.27
CE_MILLWOOD___DRP 24193	19.81 0.31 -14.39	18.21 0.32 -12.79	17.30 0.30 -12.13	17.72 0.29 -12.69	17.85 0.31 -12.45	19.77 0.49 -11.53	27.44 0.46 -19.77	28.46 0.89 -13.13	25.66 1.20 -7.07	22.26 1.20 -4.12	21.91 1.21 -3.90	21.92 1.19 -4.20	23.97 1.14 -6.97	27.98 1.11 -11.52	29.61 1.14 -13.10	33.16 1.01 -18.11	36.94 0.98 -21.80	52.74 1.08 -36.72	51.25 1.28 -31.48	46.95 1.36 -25.56	41.11 1.39 -18.94	35.37 1.13 -16.64	26.53 1.11 -8.42	21.78 0.54 -13.08
CE_NYC2_DRP 24202	20.00 0.34 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.89 0.32 -12.83	18.01 0.34 -12.59	19.94 0.53 -11.66	27.69 0.50 -19.99	28.69 0.98 -13.28	25.92 1.37 -7.15	22.49 1.39 -4.17	22.16 1.41 -3.95	22.14 1.37 -4.24	24.20 1.30 -7.04	28.28 1.29 -11.63	29.88 1.28 -13.24	33.48 1.14 -18.29	37.25 1.06 -22.03	53.31 1.27 -37.09	51.79 1.50 -31.80	47.37 1.52 -25.82	41.44 1.52 -19.14	35.65 1.23 -16.82	26.76 1.24 -8.51	22.00 0.61 -13.23
CE_NYC_DRP 24195	19.99 0.34 -14.54	18.38 0.35 -12.93	17.46 0.33 -12.26	17.89 0.32 -12.83	18.02 0.34 -12.59	19.95 0.54 -11.66	27.70 0.51 -19.99	28.73 1.02 -13.28	25.95 1.41 -7.15	22.52 1.42 -4.17	22.17 1.43 -3.95	22.18 1.41 -4.24	24.23 1.33 -7.04	28.29 1.30 -11.63	29.91 1.31 -13.24	33.49 1.15 -18.29	37.28 1.09 -22.03	53.30 1.27 -37.09	51.79 1.50 -31.80	47.40 1.56 -25.82	41.48 1.56 -19.14	35.68 1.27 -16.82	26.76 1.24 -8.51	22.00 0.61 -13.23
CHAFFEE___LFGE 323603	7.63 0.10 -2.43	7.33 0.07 -2.16	7.00 0.08 -2.05	6.95 0.07 -2.14	7.25 0.06 -2.10	9.87 0.17 -1.95	10.58 0.04 -3.34	16.26 0.39 -2.22	18.02 -0.57 -1.19	17.03 -0.58 -0.68	16.85 -0.60 -0.65	16.67 -0.56 -0.70	16.44 -0.54 -1.12	16.65 -0.51 -1.80	16.95 -0.49 -2.08	16.42 -0.49 -2.87	17.11 -0.52 -3.47	20.06 -0.66 -5.77	22.61 -0.85 -4.97	23.10 -0.90 -3.97	22.97 -0.85 -3.04	19.56 -0.70 -2.67	17.79 -0.61 -1.40	10.32 -0.02 -2.17
CHATEAUG_35_KV_LOAD 355732	4.90 -0.28 -0.07	4.90 -0.26 -0.06	4.68 -0.25 -0.06	4.58 -0.21 -0.06	4.93 -0.22 -0.06	7.46 -0.36 -0.06	7.04 -0.26 -0.10	14.32 -0.17 -0.07	17.22 -0.21 -0.04	16.76 -0.19 -0.02	16.58 -0.24 -0.02	16.25 -0.30 -0.02	15.65 -0.24 -0.03	15.16 -0.25 -0.05	15.17 -0.26 -0.06	13.90 -0.22 -0.08	14.04 -0.23 -0.10	14.98 -0.13 -0.17	18.54 -0.09 -0.15	19.98 -0.16 -0.12	20.50 -0.37 -0.09	17.20 -0.48 -0.08	16.54 -0.51 -0.04	7.90 -0.33 -0.06
CHATEAUG_WT_PWR 323614	4.83 -0.28 0.00	4.84 -0.25 0.00	4.62 -0.25 0.00	4.53 -0.20 0.00	4.88 -0.21 0.00	7.41 -0.34 0.00	7.00 -0.21 0.00	14.30 -0.13 0.00	17.26 -0.14 0.00	16.81 -0.12 0.00	16.63 -0.17 0.00	16.30 -0.23 0.00	15.68 -0.17 0.00	15.17 -0.18 0.00	15.17 -0.20 0.00	13.88 -0.17 0.00	13.98 -0.18 0.00	14.86 -0.09 0.00	18.45 -0.04 0.00	19.92 -0.10 0.00	20.49 -0.29 0.00	17.18 -0.42 0.00	16.56 -0.44 0.00	7.86 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	4.83 -0.28 0.00	4.84 -0.26 0.00	4.62 -0.25 0.00	4.52 -0.21 0.00	4.88 -0.21 0.00	7.40 -0.36 0.00	6.97 -0.24 0.00	14.24 -0.19 0.00	17.19 -0.21 0.00	16.74 -0.19 0.00	16.56 -0.24 0.00	16.23 -0.30 0.00	15.62 -0.24 0.00	15.11 -0.25 0.00	15.11 -0.26 0.00	13.82 -0.23 0.00	13.94 -0.23 0.00	14.81 -0.13 0.00	18.40 -0.09 0.00	19.86 -0.16 0.00	20.41 -0.37 0.00	17.12 -0.47 0.00	16.49 -0.51 0.00	7.83 -0.33 0.00
CHAUTAUQUA___LFGE 323629	7.67 0.22 -2.34	7.37 0.19 -2.08	7.04 0.20 -1.98	6.98 0.18 -2.07	7.30 0.18 -2.03	10.01 0.37 -1.88	10.66 0.23 -3.22	16.58 0.01 -2.14	18.44 -0.10 -1.15	17.48 -0.10 -0.65	17.29 -0.13 -0.63	17.10 -0.10 -0.67	16.83 -0.11 -1.08	16.98 -0.11 -1.74	17.26 -0.11 -2.00	16.68 -0.14 -2.77	17.37 -0.14 -3.35	20.26 -0.25 -5.57	22.97 -0.31 -4.80	23.52 -0.34 -3.84	23.45 -0.27 -2.94	19.93 -0.25 -2.57	18.19 -0.17 -1.35	10.45 0.20 -2.10
CHERRYST_13_KV_LD 356241	20.01 0.36 -14.54	18.39 0.36 -12.93	17.48 0.35 -12.26	17.90 0.34 -12.83	18.03 0.36 -12.59	19.98 0.57 -11.66	27.73 0.53 -19.99	28.77 1.07 -13.28	26.02 1.48 -7.15	22.57 1.47 -4.17	22.22 1.48 -3.95	22.24 1.47 -4.24	24.29 1.40 -7.04	28.35 1.37 -11.63	29.97 1.37 -13.24	33.54 1.21 -18.29	37.34 1.15 -22.03	53.38 1.35 -37.09	51.86 1.57 -31.80	47.46 1.62 -25.82	41.54 1.62 -19.14	35.73 1.32 -16.82	26.81 1.29 -8.51	22.01 0.63 -13.23
CHESTROR_138KV_BK263 355645	18.36 0.28 -12.97	16.92 0.29 -11.54	16.08 0.27 -10.94	16.44 0.26 -11.45	16.60 0.28 -11.22	18.59 0.44 -10.40	25.44 0.41 -17.83	27.06 0.79 -11.84	24.81 1.04 -6.37	21.67 1.03 -3.71	21.34 1.02 -3.52	21.33 1.02 -3.78	23.10 0.98 -6.26	26.62 0.94 -10.33	28.10 0.97 -11.77	31.18 0.87 -16.26	34.60 0.85 -19.58	48.78 0.88 -32.95	47.82 1.07 -28.26	44.15 1.18 -22.95	39.05 1.23 -17.04	33.59 1.02 -14.97	25.57 0.97 -7.59	20.45 0.49 -11.80
CH_MIDHUDSON___DRP 24192	20.47 0.30 -15.06	18.80 0.31 -13.39	17.86 0.29 -12.70	18.30 0.28 -13.29	18.42 0.30 -13.03	20.29 0.47 -12.07	28.33 0.43 -20.69	29.01 0.84 -13.75	25.89 1.10 -7.40	22.32 1.08 -4.31	21.98 1.09 -4.08	22.01 1.09 -4.39	24.16 1.03 -7.27	28.36 1.00 -12.01	30.07 1.03 -13.67	33.86 0.93 -18.89	37.82 0.91 -22.75	54.18 0.94 -38.29	52.49 1.16 -32.84	47.97 1.28 -26.66	41.88 1.31 -19.79	36.06 1.07 -17.38	26.86 1.04 -8.82	22.36 0.51 -13.70
CH_MISC_IPPS 23765	19.68 0.34 -14.24	18.10 0.34 -12.66	17.19 0.32 -12.00	17.61 0.32 -12.56	17.74 0.33 -12.32	19.68 0.51 -11.41	27.26 0.49 -19.56	28.35 0.92 -12.99	25.59 1.20 -6.99	22.17 1.18 -4.06	21.82 1.18 -3.85	21.86 1.19 -4.14	23.80 1.13 -6.81	27.61 1.06 -11.20	29.26 1.12 -12.77	32.74 1.04 -17.66	36.50 1.02 -21.31	51.75 1.02 -35.79	50.48 1.27 -30.72	46.47 1.44 -25.00	40.93 1.50 -18.65	35.19 1.21 -16.38	26.52 1.16 -8.35	21.71 0.57 -12.98
CH_RES_BVR_FALLS 23983	4.92 -0.19 0.00	4.92 -0.17 0.00	4.71 -0.16 0.00	4.58 -0.16 0.00	4.93 -0.16 0.00	7.49 -0.26 0.00	6.98 -0.22 0.00	14.10 -0.33 0.00	17.03 -0.37 0.00	16.63 -0.30 0.00	16.50 -0.30 0.00	16.22 -0.31 0.00	15.56 -0.30 0.00	15.05 -0.31 0.00	15.03 -0.34 0.00	13.73 -0.31 0.00	13.87 -0.30 0.00	14.68 -0.27 0.00	18.14 -0.35 0.00	19.60 -0.42 0.00	20.27 -0.52 0.00	17.09 -0.51 0.00	16.51 -0.49 0.00	7.88 -0.28 0.00

CH_RES_NIAGARA 23895	7.26 0.01 -2.14	6.98 -0.02 -1.90	6.68 0.00 -1.80	6.62 0.00 -1.89	6.92 -0.03 -1.85	9.51 0.04 -1.71	10.01 -0.13 -2.94	15.53 -0.85 -1.95	17.33 -1.11 -1.05	16.43 -1.10 -0.60	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.85 -1.00 -0.99	15.97 -0.97 -1.59	16.20 -1.00 -1.83	15.63 -0.94 -2.53	16.26 -0.96 -3.06	18.90 -1.12 -5.08	21.40 -1.46 -4.38	21.96 -1.56 -3.50	21.91 -1.56 -2.68	18.71 -1.23 -2.35	17.17 -1.07 -1.23	9.90 -0.18 -1.92
CH_RES_SYRACUSE 23985	6.66 0.02 -1.53	6.47 0.01 -1.36	6.16 0.00 -1.29	6.07 -0.01 -1.35	6.41 -0.01 -1.33	9.01 0.03 -1.23	9.33 0.01 -2.11	15.76 -0.07 -1.40	18.03 -0.12 -0.75	17.24 -0.12 -0.43	17.10 -0.12 -0.41	16.89 -0.08 -0.45	16.48 -0.09 -0.72	16.43 -0.08 -1.15	16.62 -0.08 -1.32	15.81 -0.07 -1.83	16.30 -0.08 -2.22	18.52 -0.10 -3.68	21.59 -0.07 -3.17	22.50 -0.06 -2.54	22.66 -0.06 -1.94	19.27 -0.04 -1.70	17.85 -0.05 -0.89	9.59 0.04 -1.39
CLINTON_WT_PWR 323605	4.83 -0.28 0.00	4.84 -0.25 0.00	4.62 -0.25 0.00	4.53 -0.20 0.00	4.88 -0.21 0.00	7.41 -0.34 0.00	7.00 -0.21 0.00	14.30 -0.13 0.00	17.26 -0.14 0.00	16.81 -0.12 0.00	16.63 -0.17 0.00	16.30 -0.23 0.00	15.68 -0.17 0.00	15.17 -0.18 0.00	15.17 -0.20 0.00	13.88 -0.17 0.00	13.98 -0.18 0.00	14.86 -0.09 0.00	18.45 -0.04 0.00	19.92 -0.10 0.00	20.49 -0.29 0.00	17.18 -0.42 0.00	16.56 -0.44 0.00	7.86 -0.30 0.00
CLINTON___LFGE 323618	4.91 -0.20 0.00	4.92 -0.18 0.00	4.69 -0.18 0.00	4.60 -0.13 0.00	4.96 -0.13 0.00	7.55 -0.20 0.00	7.14 -0.06 0.00	14.62 0.19 0.00	17.62 0.23 0.00	17.15 0.22 0.00	16.95 0.15 0.00	16.61 0.08 0.00	15.98 0.13 0.00	15.45 0.09 0.00	15.46 0.09 0.00	14.14 0.10 0.00	14.26 0.10 0.00	15.17 0.22 0.00	18.88 0.39 0.00	20.38 0.36 0.00	20.93 0.15 0.00	17.51 -0.09 0.00	16.85 -0.15 0.00	8.00 -0.16 0.00
COBBLENY_34_KV_TB1 80064	7.66 0.10 -2.46	7.35 0.07 -2.19	7.02 0.08 -2.07	6.97 0.07 -2.17	7.27 0.06 -2.13	9.90 0.17 -1.97	10.66 0.08 -3.38	16.28 -0.39 -2.24	18.03 -0.57 -1.21	17.05 -0.58 -0.69	16.85 -0.60 -0.66	16.68 -0.56 -0.71	16.47 -0.54 -1.15	16.71 -0.51 -1.86	17.01 -0.49 -2.13	16.51 -0.49 -2.95	17.21 -0.52 -3.57	20.23 -0.66 -5.95	22.75 -0.85 -5.12	23.28 -0.90 -4.16	23.09 -0.85 -3.15	19.66 -0.70 -2.77	17.83 -0.61 -1.44	10.38 -0.02 -2.23
COFFEEN_115KV_TB3 355620	5.79 -0.06 -0.75	5.69 -0.07 -0.67	5.42 -0.08 -0.63	5.31 -0.08 -0.66	5.67 -0.07 -0.65	8.30 -0.05 -0.60	8.21 -0.02 -1.03	15.04 -0.07 -0.68	17.43 -0.33 -0.37	16.85 -0.29 -0.21	16.72 -0.29 -0.20	16.38 -0.36 -0.22	15.87 -0.33 -0.35	15.56 -0.38 -0.57	15.63 -0.38 -0.65	14.61 -0.34 -0.90	14.99 -0.25 -1.09	16.62 -0.13 -1.81	20.02 -0.02 -1.56	21.27 -0.02 -1.26	22.01 0.27 -0.96	18.65 0.21 -0.84	17.58 0.14 -0.44	8.88 0.04 -0.68
COLDSPRG_115KV_BK1 355956	7.96 0.28 -2.57	7.63 0.24 -2.29	7.30 0.26 -2.17	7.24 0.23 -2.27	7.56 0.24 -2.23	10.29 0.47 -2.06	11.15 0.41 -3.54	17.14 0.36 -2.35	18.96 0.30 -1.26	17.94 0.29 -0.72	17.69 0.20 -0.69	17.52 0.25 -0.74	17.25 0.19 -1.20	17.50 0.20 -1.95	17.82 0.22 -2.24	17.26 0.13 -3.09	18.00 0.10 -3.74	21.21 0.03 -6.23	23.85 0.00 -5.36	24.38 0.00 -4.36	24.21 0.12 -3.31	20.55 0.05 -2.90	18.60 0.09 -1.51	10.78 0.28 -2.34
COLONIE_LFGE___ 323577	23.60 0.19 -18.31	21.56 0.18 -16.28	20.48 0.18 -15.43	21.05 0.17 -16.15	21.11 0.18 -15.84	22.71 0.29 -14.67	32.63 0.27 -25.15	31.63 0.49 -16.71	27.00 0.61 -8.99	22.47 0.56 -4.98	22.18 0.55 -4.82	22.26 0.54 -5.18	24.42 0.52 -8.04	28.43 0.52 -12.55	30.51 0.49 -14.65	34.82 0.46 -20.32	39.37 0.48 -24.73	55.91 0.52 -40.44	54.20 0.66 -35.04	49.24 0.72 -28.50	44.14 0.79 -22.56	37.98 0.63 -19.75	28.37 0.65 -10.72	25.11 0.29 -16.65
COOPERNY_115KV_TB1 80082	13.46 0.20 -8.15	12.54 0.20 -7.25	11.93 0.19 -6.87	12.11 0.18 -7.19	12.34 0.19 -7.05	14.60 0.32 -6.53	18.70 0.30 -11.20	22.42 0.55 -7.44	22.11 0.71 -4.00	19.94 0.69 -2.32	19.69 0.69 -2.20	19.57 0.68 -2.36	20.39 0.65 -3.88	22.33 0.61 -6.36	23.27 0.63 -7.27	24.67 0.58 -10.05	26.85 0.57 -12.12	35.84 0.58 -20.32	36.66 0.72 -17.45	34.93 0.74 -14.17	32.18 0.79 -10.61	27.58 0.67 -9.32	22.42 0.65 -4.77	15.90 0.33 -7.41
COPENHAGEN_WT_PWR 323753	5.87 -0.09 -0.85	5.76 -0.10 -0.76	5.49 -0.10 -0.72	5.38 -0.10 -0.75	5.74 -0.09 -0.74	8.34 -0.09 -0.68	8.29 -0.09 -1.17	15.05 -0.16 -0.78	17.43 -0.38 -0.42	16.81 -0.36 -0.24	16.67 -0.35 -0.23	16.36 -0.41 -0.24	15.87 -0.38 -0.39	15.60 -0.38 -0.63	15.68 -0.41 -0.72	14.68 -0.37 -1.00	15.06 -0.31 -1.21	16.74 -0.21 -2.01	20.09 -0.13 -1.73	21.27 -0.16 -1.40	21.94 0.08 -1.08	18.58 0.04 -0.94	17.50 0.00 -0.49	8.91 -0.02 -0.77
CORNELL___ 23752	8.15 0.14 -2.90	7.80 0.12 -2.58	7.43 0.12 -2.45	7.40 0.10 -2.56	7.72 0.11 -2.51	10.31 0.23 -2.33	11.43 0.23 -3.99	17.37 0.29 -2.65	19.10 0.28 -1.43	17.97 0.22 -0.82	17.76 0.18 -0.78	17.58 0.21 -0.84	17.39 0.17 -1.36	17.73 0.18 -2.20	18.07 0.18 -2.52	17.71 0.18 -3.49	18.57 0.20 -4.21	22.18 0.21 -7.02	24.92 0.39 -6.04	25.45 0.52 -4.91	25.07 0.56 -3.73	21.36 0.49 -3.27	19.13 0.43 -1.70	11.08 0.28 -2.64
CORONA_AAV_69_KV_TB1 355595	24.98 0.43 -19.44	20.84 0.43 -15.31	19.54 0.41 -14.25	19.52 0.40 -14.39	18.91 0.43 -13.39	21.31 0.67 -12.89	29.51 0.61 -21.69	32.06 1.20 -16.43	30.97 1.58 -11.99	29.32 1.59 -10.80	28.73 1.56 -10.37	28.78 1.52 -10.73	30.19 1.46 -12.87	31.54 1.41 -14.78	30.78 1.43 -13.98	33.52 1.18 -18.30	42.22 1.22 -26.84	53.39 1.35 -37.10	51.77 1.48 -31.81	47.49 1.64 -25.82	46.92 1.77 -24.37	35.82 1.41 -16.82	29.33 1.46 -10.86	28.26 0.71 -19.39
CORTLAND_115KV_TB3 80093	7.69 0.10 -2.48	7.39 0.09 -2.20	7.04 0.08 -2.09	6.99 0.08 -2.19	7.32 0.08 -2.14	9.91 0.17 -1.98	10.78 0.17 -3.40	16.88 0.19 -2.26	18.80 0.19 -1.22	17.78 0.15 -0.70	17.60 0.13 -0.66	17.39 0.15 -0.71	17.14 0.13 -1.16	17.36 0.14 -1.87	17.66 0.14 -2.15	17.14 0.13 -2.97	17.88 0.13 -3.59	21.05 0.12 -5.99	23.88 0.24 -5.15	24.51 0.30 -4.19	24.29 0.33 -3.18	20.69 0.30 -2.79	18.71 0.26 -1.45	10.59 0.18 -2.25
COXSACKIE___GT 23611	22.11 0.24 -16.77	20.25 0.24 -14.91	19.22 0.21 -14.14	19.73 0.20 -14.79	19.83 0.23 -14.51	21.56 0.36 -13.44	30.61 0.36 -23.04	30.41 0.68 -15.30	26.40 0.76 -8.24	22.25 0.68 -4.64	21.91 0.65 -4.46	21.96 0.64 -4.79	24.04 0.59 -7.60	28.04 0.58 -12.10	30.06 0.69 -14.00	34.10 0.67 -19.39	38.36 0.65 -23.55	54.39 0.52 -38.92	52.96 0.87 -33.60	48.56 1.18 -27.36	43.18 1.25 -21.15	37.12 0.98 -18.54	27.73 0.90 -9.83	23.82 0.39 -15.27
CPV_VALLEY___CC1 323721	18.39 0.29 -12.99	16.94 0.29 -11.56	16.10 0.27 -10.96	16.46 0.26 -11.47	16.62 0.28 -11.24	18.61 0.44 -10.41	25.49 0.43 -17.86	27.08 0.79 -11.86	24.84 1.06 -6.38	21.70 1.05 -3.72	21.38 1.06 -3.52	21.36 1.04 -3.78	23.12 1.00 -6.26	26.64 0.95 -10.33	28.12 0.98 -11.77	31.21 0.90 -16.26	34.61 0.86 -19.59	48.80 0.91 -32.94	47.84 1.09 -28.26	44.20 1.18 -23.00	39.10 1.23 -17.09	33.63 1.02 -15.01	25.61 0.99 -7.62	20.49 0.49 -11.84

CPV_VALLEY___CC2 323722	18.39 0.29 -12.99	16.94 0.29 -11.56	16.10 0.27 -10.96	16.46 0.26 -11.47	16.62 0.28 -11.24	18.61 0.44 -10.41	25.49 0.43 -17.86	27.08 0.79 -11.86	24.84 1.06 -6.38	21.70 1.05 -3.72	21.38 1.06 -3.52	21.36 1.04 -3.78	23.12 1.00 -6.26	26.64 0.95 -10.33	28.12 0.98 -11.77	31.21 0.90 -16.26	34.61 0.86 -19.59	48.80 0.91 -32.94	47.84 1.09 -28.26	44.20 1.18 -23.00	39.10 1.23 -17.09	33.63 1.02 -15.01	25.61 0.99 -7.62	20.49 0.49 -11.84
CRESCENT___HYD 24018	23.60 0.19 -18.31	21.56 0.18 -16.28	20.48 0.18 -15.43	21.05 0.17 -16.15	21.11 0.18 -15.84	22.71 0.29 -14.67	32.63 0.27 -25.15	31.63 0.49 -16.71	27.00 0.61 -8.99	22.47 0.56 -4.98	22.18 0.55 -4.82	22.26 0.54 -5.18	24.42 0.52 -8.04	28.43 0.52 -12.55	30.51 0.49 -14.65	34.82 0.46 -20.32	39.37 0.48 -24.73	55.91 0.52 -40.44	54.20 0.66 -35.04	49.24 0.72 -28.50	44.14 0.79 -22.56	37.98 0.63 -19.75	28.37 0.65 -10.72	25.11 0.29 -16.65
CRICKET___VALLEY_CC1 323756	20.63 0.24 -15.29	18.94 0.24 -13.59	17.99 0.23 -12.89	18.45 0.23 -13.49	18.56 0.24 -13.23	20.37 0.36 -12.25	28.55 0.34 -21.00	29.00 0.62 -13.95	25.74 0.84 -7.51	20.75 0.83 -2.99	21.01 0.84 -3.37	20.98 0.83 -3.62	19.68 0.79 -3.03	17.23 0.77 -1.11	19.36 0.78 -3.20	19.55 0.69 -4.82	21.83 0.67 -7.00	21.01 0.73 -5.34	25.94 0.89 -6.56	26.56 0.94 -5.59	33.63 0.96 -11.89	28.39 0.77 -10.02	26.71 0.75 -8.96	22.45 0.38 -13.91
CRICKET___VALLEY_CC2 323757	20.63 0.24 -15.29	18.94 0.24 -13.59	17.99 0.23 -12.89	18.45 0.23 -13.49	18.56 0.24 -13.23	20.37 0.36 -12.25	28.55 0.34 -21.00	29.00 0.62 -13.95	25.74 0.84 -7.51	20.75 0.83 -2.99	21.01 0.84 -3.37	20.98 0.83 -3.62	19.68 0.79 -3.03	17.23 0.77 -1.11	19.36 0.78 -3.20	19.55 0.69 -4.82	21.83 0.67 -7.00	21.01 0.73 -5.34	25.94 0.89 -6.56	26.56 0.94 -5.59	33.63 0.96 -11.89	28.39 0.77 -10.02	26.71 0.75 -8.96	22.45 0.38 -13.91
CRICKET___VALLEY_CC3 323758	20.63 0.24 -15.29	18.94 0.24 -13.59	17.99 0.23 -12.89	18.45 0.23 -13.49	18.56 0.24 -13.23	20.37 0.36 -12.25	28.55 0.34 -21.00	29.00 0.62 -13.95	25.74 0.84 -7.51	20.75 0.83 -2.99	21.01 0.84 -3.37	20.98 0.83 -3.62	19.68 0.79 -3.03	17.23 0.77 -1.11	19.36 0.78 -3.20	19.55 0.69 -4.82	21.83 0.67 -7.00	21.01 0.73 -5.34	25.94 0.89 -6.56	26.56 0.94 -5.59	33.63 0.96 -11.89	28.39 0.77 -10.02	26.71 0.75 -8.96	22.45 0.38 -13.91
CRUCIBLE_METL_DRP 24180	6.61 0.02 -1.49	6.43 0.01 -1.32	6.12 0.00 -1.25	6.04 -0.01 -1.31	6.37 -0.01 -1.29	8.98 0.03 -1.19	9.28 0.03 -2.05	15.72 -0.07 -1.36	18.01 -0.12 -0.73	17.23 -0.12 -0.42	17.08 -0.12 -0.40	16.88 -0.08 -0.43	16.46 -0.10 -0.69	16.40 -0.08 -1.13	16.58 -0.08 -1.29	15.76 -0.07 -1.79	16.24 -0.08 -2.16	18.44 -0.10 -3.60	21.51 -0.07 -3.10	22.48 -0.06 -2.52	22.63 -0.06 -1.91	19.24 -0.04 -1.68	17.82 -0.05 -0.87	9.55 0.04 -1.35
DAHOWA___HYDRO 323763	23.99 0.22 -18.66	21.90 0.21 -16.59	20.80 0.19 -15.73	21.39 0.19 -16.46	21.45 0.21 -16.15	23.05 0.34 -14.95	33.18 0.33 -25.64	32.10 0.63 -17.03	27.33 0.76 -9.17	22.73 0.69 -5.11	22.39 0.65 -4.93	22.48 0.64 -5.30	24.81 0.67 -8.28	29.01 0.64 -13.01	31.00 0.49 -15.14	35.53 0.49 -20.99	40.21 0.54 -25.51	57.38 0.60 -41.84	55.50 0.79 -36.22	50.37 0.90 -29.44	44.92 0.98 -23.16	38.66 0.79 -20.27	28.87 0.93 -10.93	25.54 0.39 -16.99
DANC___LFGE 323619	6.03 -0.08 -1.01	5.90 -0.09 -0.90	5.63 -0.09 -0.85	5.53 -0.09 -0.89	5.87 -0.09 -0.87	8.46 -0.10 -0.81	8.49 -0.10 -1.38	15.11 -0.25 -0.92	17.47 -0.42 -0.50	16.80 -0.41 -0.28	16.68 -0.39 -0.27	16.40 -0.41 -0.29	15.94 -0.38 -0.46	15.73 -0.37 -0.74	15.83 -0.40 -0.86	14.86 -0.37 -1.19	15.26 -0.34 -1.43	17.04 -0.28 -2.38	20.30 -0.24 -2.05	21.42 -0.26 -1.66	21.97 -0.08 -1.27	18.63 -0.09 -1.12	17.47 -0.12 -0.59	9.02 -0.05 -0.91
DANSKAMMER___1 23586	19.68 0.34 -14.24	18.10 0.34 -12.66	17.19 0.32 -12.00	17.61 0.32 -12.56	17.74 0.33 -12.32	19.68 0.51 -11.41	27.26 0.49 -19.56	28.35 0.92 -12.99	25.59 1.20 -6.99	22.17 1.18 -4.06	21.82 1.18 -3.85	21.86 1.19 -4.14	23.80 1.13 -6.81	27.61 1.06 -11.20	29.26 1.12 -12.77	32.74 1.04 -17.66	36.50 1.02 -21.31	51.75 1.02 -35.79	50.48 1.27 -30.72	46.47 1.44 -25.00	40.93 1.50 -18.65	35.19 1.21 -16.38	26.52 1.16 -8.35	21.71 0.57 -12.98
DANSKAMMER___2 23589	19.68 0.34 -14.24	18.10 0.34 -12.66	17.19 0.32 -12.00	17.61 0.32 -12.56	17.74 0.33 -12.32	19.68 0.51 -11.41	27.26 0.49 -19.56	28.35 0.92 -12.99	25.59 1.20 -6.99	22.17 1.18 -4.06	21.82 1.18 -3.85	21.86 1.19 -4.14	23.80 1.13 -6.81	27.61 1.06 -11.20	29.26 1.12 -12.77	32.74 1.04 -17.66	36.50 1.02 -21.31	51.75 1.02 -35.79	50.48 1.27 -30.72	46.47 1.44 -25.00	40.93 1.50 -18.65	35.19 1.21 -16.38	26.52 1.16 -8.35	21.71 0.57 -12.98
DANSKAMMER___3 23590	19.68 0.34 -14.24	18.10 0.34 -12.66	17.19 0.32 -12.00	17.61 0.32 -12.56	17.74 0.33 -12.32	19.68 0.51 -11.41	27.26 0.49 -19.56	28.35 0.92 -12.99	25.59 1.20 -6.99	22.17 1.18 -4.06	21.82 1.18 -3.85	21.86 1.19 -4.14	23.80 1.13 -6.81	27.61 1.06 -11.20	29.26 1.12 -12.77	32.74 1.04 -17.66	36.50 1.02 -21.31	51.75 1.02 -35.79	50.48 1.27 -30.72	46.47 1.44 -25.00	40.93 1.50 -18.65	35.19 1.21 -16.38	26.52 1.16 -8.35	21.71 0.57 -12.98
DANSKAMMER___4 23591	19.68 0.34 -14.24	18.10 0.34 -12.66	17.19 0.32 -12.00	17.61 0.32 -12.56	17.74 0.33 -12.32	19.68 0.51 -11.41	27.26 0.49 -19.56	28.35 0.92 -12.99	25.59 1.20 -6.99	22.17 1.18 -4.06	21.82 1.18 -3.85	21.86 1.19 -4.14	23.80 1.13 -6.81	27.61 1.06 -11.20	29.26 1.12 -12.77	32.74 1.04 -17.66	36.50 1.02 -21.31	51.75 1.02 -35.79	50.48 1.27 -30.72	46.47 1.44 -25.00	40.93 1.50 -18.65	35.19 1.21 -16.38	26.52 1.16 -8.35	21.71 0.57 -12.98
DANSKAMMER___DIESEL 23592	19.86 0.34 -14.41	18.26 0.34 -12.82	17.34 0.32 -12.15	17.76 0.31 -12.72	17.89 0.33 -12.47	19.82 0.51 -11.55	27.49 0.48 -19.80	28.51 0.92 -13.15	25.68 1.20 -7.08	22.24 1.19 -4.12	21.88 1.18 -3.91	21.92 1.19 -4.20	23.94 1.13 -6.95	27.89 1.06 -11.47	29.56 1.12 -13.06	33.14 1.04 -18.06	36.93 1.02 -21.75	52.55 1.02 -36.59	51.15 1.28 -31.38	46.94 1.44 -25.48	41.20 1.50 -18.92	35.44 1.21 -16.62	26.60 1.16 -8.44	21.84 0.57 -13.11
DARBY___SOLAR 323810	24.01 0.22 -18.68	21.92 0.21 -16.61	20.82 0.20 -15.75	21.41 0.19 -16.48	21.47 0.21 -16.17	23.07 0.34 -14.97	33.19 0.31 -25.67	32.09 0.61 -17.05	27.32 0.75 -9.18	22.73 0.68 -5.13	22.40 0.66 -4.94	22.49 0.64 -5.31	24.84 0.65 -8.33	29.12 0.64 -13.13	31.16 0.54 -15.25	35.71 0.52 -21.14	40.37 0.55 -25.66	57.71 0.61 -42.15	55.77 0.81 -36.47	50.57 0.90 -29.64	44.99 0.98 -23.23	38.72 0.77 -20.35	28.84 0.90 -10.94	25.53 0.38 -16.99
DASHVILLE___HYD 23610	19.47 0.26 -14.10	17.91 0.27 -12.54	17.02 0.26 -11.89	17.43 0.25 -12.44	17.56 0.26 -12.20	19.46 0.40 -11.30	26.98 0.40 -19.38	28.00 0.69 -12.87	25.30 0.97 -6.93	21.92 0.98 -4.00	21.58 0.97 -3.81	21.68 1.06 -4.09	23.50 0.94 -6.71	27.50 1.17 -10.98	29.16 1.24 -12.55	32.42 1.03 -17.35	35.95 0.86 -20.92	50.88 0.88 -35.06	49.69 1.09 -30.11	45.70 1.22 -24.46	40.39 1.27 -18.33	34.72 1.02 -16.10	26.23 0.97 -8.26	21.47 0.48 -12.83

DEERFIELD_69_KV_DEERFIELD LD 355887	25.83 0.52 -20.20	21.31 0.54 -15.68	19.95 0.52 -14.56	19.87 0.51 -14.63	19.14 0.53 -13.51	21.67 0.83 -13.08	29.96 0.80 -21.96	32.55 1.69 -16.43	31.39 2.00 -11.99	29.75 2.01 -10.80	29.09 1.92 -10.37	29.03 1.77 -10.73	30.49 1.76 -12.87	31.84 1.70 -14.78	31.06 1.71 -13.98	33.72 1.38 -18.30	42.57 1.56 -26.84	53.79 1.75 -37.10	52.20 1.90 -31.81	48.03 2.18 -25.82	47.52 2.37 -24.37	36.27 1.85 -16.82	29.77 1.90 -10.86	28.47 0.92 -19.39
DELAWARE___LFGE 323621	9.05 0.17 -3.77	8.62 0.16 -3.36	8.21 0.16 -3.18	8.21 0.15 -3.33	8.52 0.16 -3.27	11.06 0.28 -3.02	12.66 0.27 -5.19	18.34 0.46 -3.45	19.79 0.54 -1.85	18.52 0.52 -1.07	18.32 0.50 -1.02	18.10 0.48 -1.09	18.11 0.48 -1.78	18.69 0.45 -2.89	19.15 0.46 -3.32	19.04 0.41 -4.59	20.11 0.41 -5.54	24.61 0.42 -9.25	27.00 0.55 -7.95	27.10 0.62 -6.46	26.37 0.71 -4.87	22.51 0.63 -4.28	19.81 0.60 -2.21	11.90 0.31 -3.43
DERFIELD_115KV_TB7 355931	5.18 0.01 -0.06	5.16 0.01 -0.06	4.93 0.01 -0.05	4.79 0.00 -0.06	5.15 0.01 -0.06	7.83 0.02 -0.05	7.32 0.02 -0.09	14.49 0.00 -0.06	17.43 0.00 -0.03	16.95 0.00 -0.02	16.82 0.00 -0.02	16.55 0.00 -0.02	15.89 0.00 -0.03	15.40 0.00 -0.05	15.42 0.00 -0.05	14.12 0.00 -0.07	14.25 0.00 -0.09	15.08 -0.01 -0.15	18.61 0.00 -0.13	20.12 0.00 -0.10	20.88 0.02 -0.08	17.69 0.02 -0.07	17.06 0.02 -0.04	8.24 0.02 -0.06
DOGLEVILLE___HYD 23807	5.02 -0.09 0.00	5.01 -0.09 0.00	4.78 -0.09 0.00	4.64 -0.09 0.00	5.00 -0.09 0.00	7.65 -0.11 0.00	7.08 -0.12 0.00	14.16 -0.27 0.00	17.05 -0.35 0.00	16.57 -0.36 0.00	16.43 -0.37 0.00	16.22 -0.31 0.00	15.49 -0.36 0.00	14.98 -0.37 0.00	14.97 -0.40 0.00	13.65 -0.39 0.00	13.78 -0.38 0.00	14.54 -0.40 0.00	18.04 -0.44 0.00	19.56 -0.46 0.00	20.39 -0.40 0.00	17.35 -0.25 0.00	16.77 -0.24 0.00	8.05 -0.11 0.00
DUNKIRK___115KV_TB_200 55889	7.68 0.21 -2.36	7.37 0.18 -2.09	7.04 0.19 -1.99	6.99 0.18 -2.08	7.30 0.17 -2.04	10.00 0.36 -1.89	10.70 0.26 -3.24	16.55 -0.03 -2.15	18.40 -0.16 -1.16	17.44 -0.15 -0.66	17.25 -0.18 -0.63	17.06 -0.15 -0.68	16.80 -0.16 -1.10	17.00 -0.14 -1.78	17.28 -0.14 -2.05	16.71 -0.17 -2.83	17.40 -0.18 -3.42	20.36 -0.28 -5.70	23.02 -0.37 -4.90	23.63 -0.38 -3.98	23.48 -0.33 -3.02	19.97 -0.28 -2.65	18.16 -0.22 -1.38	10.48 0.18 -2.14
DUNKIRK___1 23563	7.68 0.21 -2.36	7.37 0.18 -2.09	7.04 0.19 -1.99	6.99 0.18 -2.08	7.30 0.17 -2.04	10.00 0.36 -1.89	10.70 0.26 -3.24	16.55 -0.03 -2.15	18.40 -0.16 -1.16	17.44 -0.15 -0.66	17.25 -0.18 -0.63	17.06 -0.15 -0.68	16.80 -0.16 -1.10	17.00 -0.14 -1.78	17.28 -0.14 -2.05	16.71 -0.17 -2.83	17.40 -0.18 -3.42	20.36 -0.28 -5.70	23.02 -0.37 -4.90	23.63 -0.38 -3.98	23.48 -0.33 -3.02	19.97 -0.28 -2.65	18.16 -0.22 -1.38	10.48 0.18 -2.14
DUNKIRK___2 23564	7.68 0.21 -2.36	7.37 0.18 -2.09	7.04 0.19 -1.99	6.99 0.18 -2.08	7.30 0.17 -2.04	10.00 0.36 -1.89	10.70 0.26 -3.24	16.55 -0.03 -2.15	18.40 -0.16 -1.16	17.44 -0.15 -0.66	17.25 -0.18 -0.63	17.06 -0.15 -0.68	16.80 -0.16 -1.10	17.00 -0.14 -1.78	17.28 -0.14 -2.05	16.71 -0.17 -2.83	17.40 -0.18 -3.42	20.36 -0.28 -5.70	23.02 -0.37 -4.90	23.63 -0.38 -3.98	23.48 -0.33 -3.02	19.97 -0.28 -2.65	18.16 -0.22 -1.38	10.48 0.18 -2.14
DUNKIRK___3 23565	7.63 0.19 -2.33	7.33 0.16 -2.07	7.00 0.17 -1.97	6.94 0.16 -2.06	7.26 0.15 -2.02	9.94 0.32 -1.87	10.63 0.22 -3.20	16.46 -0.10 -2.13	18.30 -0.24 -1.15	17.33 -0.25 -0.66	17.14 -0.29 -0.63	16.97 -0.23 -0.67	16.71 -0.24 -1.09	16.90 -0.21 -1.76	17.18 -0.22 -2.02	16.61 -0.24 -2.80	17.29 -0.25 -3.38	20.23 -0.36 -5.64	22.88 -0.46 -4.85	23.46 -0.50 -3.94	23.34 -0.44 -2.99	19.85 -0.37 -2.63	18.08 -0.29 -1.36	10.42 0.14 -2.12
DUNKIRK___4 23566	7.63 0.19 -2.33	7.33 0.16 -2.07	7.00 0.17 -1.97	6.94 0.16 -2.06	7.26 0.15 -2.02	9.94 0.32 -1.87	10.63 0.22 -3.20	16.46 -0.10 -2.13	18.30 -0.24 -1.15	17.33 -0.25 -0.66	17.14 -0.29 -0.63	16.97 -0.23 -0.67	16.71 -0.24 -1.09	16.90 -0.21 -1.76	17.18 -0.22 -2.02	16.61 -0.24 -2.80	17.29 -0.25 -3.38	20.23 -0.36 -5.64	22.88 -0.46 -4.85	23.46 -0.50 -3.94	23.34 -0.44 -2.99	19.85 -0.37 -2.63	18.08 -0.29 -1.36	10.42 0.14 -2.12
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.98 0.33 -14.55	18.36 0.33 -12.94	17.44 0.31 -12.26	17.87 0.31 -12.84	18.00 0.33 -12.59	19.92 0.51 -11.66	27.68 0.48 -19.99	28.65 0.94 -13.28	25.83 1.29 -7.15	22.39 1.29 -4.17	22.04 1.29 -3.95	22.04 1.27 -4.24	24.12 1.22 -7.04	28.17 1.18 -11.63	29.81 1.20 -13.24	33.41 1.07 -18.29	37.23 1.03 -22.03	53.19 1.15 -37.09	51.66 1.37 -31.81	47.29 1.44 -25.82	41.40 1.48 -19.14	35.61 1.20 -16.82	26.69 1.17 -8.52	21.96 0.57 -13.23
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.00 0.31 -13.59	17.49 0.32 -12.08	16.62 0.30 -11.45	17.01 0.29 -11.99	17.16 0.31 -11.76	19.12 0.48 -10.89	26.33 0.45 -18.67	27.70 0.87 -12.40	25.22 1.15 -6.67	21.93 1.12 -3.89	21.59 1.11 -3.68	21.61 1.12 -3.96	23.47 1.06 -6.55	27.19 1.03 -10.81	28.75 1.08 -12.31	32.03 0.97 -17.01	35.59 0.93 -20.49	50.37 0.96 -34.47	49.24 1.18 -29.57	45.35 1.32 -24.01	39.99 1.37 -17.83	34.41 1.14 -15.67	26.05 1.09 -7.95	21.05 0.54 -12.35
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.00 0.35 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.92 0.51 -11.66	27.66 0.47 -19.99	28.63 0.92 -13.28	25.85 1.30 -7.15	22.42 1.32 -4.17	22.09 1.34 -3.95	22.09 1.32 -4.24	24.15 1.25 -7.04	28.23 1.24 -11.63	29.82 1.21 -13.24	33.42 1.08 -18.29	37.20 1.01 -22.03	53.25 1.21 -37.09	51.71 1.42 -31.80	47.29 1.44 -25.82	41.36 1.43 -19.14	35.58 1.16 -16.82	26.74 1.22 -8.51	22.02 0.63 -13.23
E179THST_13_KV_LOAD 356214	20.02 0.36 -14.55	18.39 0.36 -12.94	17.48 0.35 -12.26	17.90 0.33 -12.83	18.03 0.35 -12.59	19.95 0.54 -11.66	27.69 0.50 -19.99	28.69 0.98 -13.28	25.92 1.37 -7.15	22.49 1.39 -4.17	22.16 1.41 -3.95	22.16 1.39 -4.24	24.21 1.32 -7.04	28.29 1.30 -11.63	29.90 1.29 -13.24	33.48 1.14 -18.29	37.25 1.06 -22.03	53.34 1.30 -37.09	51.83 1.53 -31.80	47.39 1.54 -25.82	41.46 1.54 -19.14	35.66 1.25 -16.82	26.81 1.29 -8.51	22.05 0.66 -13.23
EAST HAMPTON___GT 23717	26.54 0.58 -20.86	21.68 0.60 -15.99	20.26 0.57 -14.82	20.13 0.56 -14.83	19.29 0.59 -13.61	21.91 0.91 -13.24	30.32 0.94 -22.17	32.71 1.86 -16.42	31.59 2.21 -11.98	29.96 2.23 -10.80	29.32 2.15 -10.37	29.19 1.93 -10.73	30.65 1.93 -12.86	31.98 1.87 -14.76	31.20 1.87 -13.96	33.85 1.54 -18.27	42.70 1.74 -26.80	53.92 1.96 -37.02	52.37 2.14 -31.74	48.29 2.46 -25.81	47.83 2.68 -24.37	36.49 2.08 -16.82	29.99 2.13 -10.86	28.57 1.02 -19.39
EAST RIVER___6 23660	19.97 0.33 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.70 0.53 -19.96	28.72 1.02 -13.26	25.96 1.43 -7.14	22.53 1.44 -4.16	22.20 1.46 -3.94	22.19 1.42 -4.24	24.25 1.36 -7.03	28.30 1.34 -11.61	29.94 1.35 -13.22	33.49 1.18 -18.26	37.27 1.12 -21.98	53.29 1.33 -37.01	51.78 1.55 -31.74	47.43 1.60 -25.81	41.52 1.60 -19.13	35.69 1.28 -16.81	26.76 1.24 -8.52	21.99 0.60 -13.23

EAST RIVER___7 23524	19.97 0.33 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.70 0.53 -19.96	28.72 1.02 -13.26	25.96 1.43 -7.14	22.53 1.44 -4.16	22.20 1.46 -3.94	22.19 1.42 -4.24	24.25 1.36 -7.03	28.30 1.34 -11.61	29.94 1.35 -13.22	33.49 1.18 -18.26	37.27 1.12 -21.98	53.29 1.33 -37.01	51.78 1.55 -31.74	47.43 1.60 -25.81	41.52 1.60 -19.13	35.69 1.28 -16.81	26.76 1.24 -8.52	21.99 0.60 -13.23
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.02 0.32 -14.59	18.39 0.32 -12.97	17.48 0.31 -12.30	17.91 0.30 -12.87	18.03 0.32 -12.62	19.95 0.50 -11.69	27.73 0.48 -20.05	28.66 0.91 -13.32	25.82 1.25 -7.17	22.35 1.24 -4.18	22.00 1.24 -3.96	22.01 1.22 -4.25	24.11 1.19 -7.06	28.17 1.15 -11.66	29.81 1.17 -13.27	33.42 1.04 -18.34	37.25 1.01 -22.09	53.25 1.12 -37.18	51.70 1.33 -31.88	47.31 1.40 -25.89	41.41 1.43 -19.19	35.62 1.16 -16.86	26.68 1.14 -8.54	21.98 0.55 -13.27
EAST_HAMPTON___DIESEL 23722	26.54 0.58 -20.86	21.68 0.60 -15.99	20.26 0.57 -14.82	20.13 0.56 -14.83	19.30 0.60 -13.61	21.91 0.91 -13.24	30.33 0.95 -22.17	32.72 1.88 -16.42	31.59 2.21 -11.98	29.98 2.25 -10.80	29.32 2.15 -10.37	29.19 1.93 -10.73	30.67 1.95 -12.86	31.98 1.87 -14.76	31.20 1.87 -13.96	33.85 1.54 -18.27	42.70 1.74 -26.80	53.92 1.96 -37.02	52.39 2.16 -31.74	48.29 2.46 -25.81	47.83 2.68 -24.37	36.51 2.09 -16.82	29.99 2.13 -10.86	28.58 1.03 -19.39
EAST_PULASKI___ESR 323781	6.13 -0.07 -1.09	5.99 -0.08 -0.97	5.71 -0.08 -0.92	5.62 -0.08 -0.97	5.96 -0.08 -0.95	8.54 -0.09 -0.88	8.62 -0.09 -1.50	15.13 -0.30 -1.00	17.50 -0.43 -0.54	16.81 -0.42 -0.31	16.69 -0.40 -0.29	16.45 -0.40 -0.32	16.00 -0.36 -0.51	15.83 -0.35 -0.83	15.95 -0.37 -0.95	15.01 -0.35 -1.31	15.41 -0.34 -1.59	17.24 -0.34 -2.64	20.43 -0.33 -2.28	21.53 -0.34 -1.85	21.94 -0.25 -1.40	18.62 -0.21 -1.23	17.41 -0.24 -0.64	9.08 -0.07 -0.99
EAST_RIVER___1 323558	19.98 0.34 -14.53	18.36 0.35 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.70 0.53 -19.96	28.72 1.02 -13.26	25.94 1.41 -7.14	22.52 1.42 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.27 1.30 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.24 1.09 -21.98	53.23 1.27 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.48 1.56 -19.13	35.68 1.27 -16.81	26.78 1.26 -8.52	22.00 0.61 -13.23
EAST_RIVER___2 323559	19.97 0.33 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.70 0.53 -19.96	28.72 1.02 -13.26	25.96 1.43 -7.14	22.53 1.44 -4.16	22.20 1.46 -3.94	22.19 1.42 -4.24	24.25 1.36 -7.03	28.30 1.34 -11.61	29.94 1.35 -13.22	33.49 1.18 -18.26	37.27 1.12 -21.98	53.29 1.33 -37.01	51.78 1.55 -31.74	47.43 1.60 -25.81	41.52 1.60 -19.13	35.69 1.28 -16.81	26.76 1.24 -8.52	21.99 0.60 -13.23
EAST___DELAWARE_HYD 23607	16.90 0.42 -11.37	15.64 0.43 -10.11	14.86 0.40 -9.58	15.15 0.39 -10.03	15.35 0.42 -9.84	17.51 0.64 -9.11	23.38 0.55 -15.62	25.87 1.07 -10.38	24.30 1.32 -5.58	21.40 1.25 -3.22	21.09 1.23 -3.06	21.16 1.34 -3.29	22.40 1.16 -5.38	25.23 1.09 -8.78	26.25 0.83 -10.05	28.73 0.79 -13.90	31.79 0.79 -16.84	43.84 0.70 -28.20	43.69 0.98 -24.22	41.29 1.16 -20.11	37.58 1.70 -15.09	32.26 1.41 -13.25	25.14 1.33 -6.81	19.40 0.67 -10.57
EIGHT_POINT___WT_PWR 323820	8.12 0.24 -2.77	7.77 0.20 -2.47	7.42 0.21 -2.34	7.37 0.19 -2.45	7.69 0.19 -2.40	10.37 0.40 -2.22	11.32 0.30 -3.81	17.24 0.27 -2.53	18.97 0.21 -1.36	17.87 0.17 -0.78	17.66 0.12 -0.74	17.49 0.17 -0.80	17.27 0.13 -1.28	17.57 0.15 -2.06	17.90 0.15 -2.37	17.45 0.13 -3.28	18.22 0.09 -3.97	21.58 0.04 -6.59	24.32 0.15 -5.68	24.78 0.20 -4.56	24.52 0.25 -3.49	20.89 0.23 -3.06	18.83 0.22 -1.60	10.95 0.30 -2.49
ELBRIDGE_115KV_TB2 80188	6.67 0.00 -1.56	6.48 -0.01 -1.39	6.17 -0.01 -1.32	6.09 -0.02 -1.38	6.42 -0.02 -1.35	9.02 0.02 -1.25	9.37 0.01 -2.15	15.76 -0.10 -1.43	18.03 -0.14 -0.77	17.22 -0.15 -0.44	17.07 -0.15 -0.42	16.83 -0.15 -0.45	16.45 -0.14 -0.73	16.41 -0.12 -1.18	16.62 -0.11 -1.36	15.81 -0.11 -1.88	16.30 -0.13 -2.27	18.58 -0.15 -3.78	21.61 -0.13 -3.25	22.55 -0.12 -2.64	22.67 -0.12 -2.01	19.29 -0.07 -1.76	17.82 -0.10 -0.92	9.61 0.02 -1.42
ELEC_TRO_TEK 24086	25.23 0.40 -19.72	20.94 0.40 -15.44	19.62 0.38 -14.36	19.58 0.37 -14.48	18.92 0.40 -13.43	21.35 0.63 -12.96	29.57 0.58 -21.79	32.03 1.17 -16.43	30.95 1.57 -11.99	29.29 1.56 -10.80	28.70 1.53 -10.37	28.70 1.44 -10.73	30.14 1.41 -12.87	31.50 1.37 -14.78	30.70 1.35 -13.98	33.44 1.10 -18.30	42.16 1.16 -26.84	53.31 1.27 -37.10	51.70 1.41 -31.81	47.41 1.56 -25.82	46.82 1.66 -24.37	35.77 1.36 -16.82	29.26 1.39 -10.86	28.24 0.69 -19.39
ELLENBURG_WT_PWR 323604	4.83 -0.28 0.00	4.84 -0.25 0.00	4.62 -0.25 0.00	4.53 -0.20 0.00	4.88 -0.21 0.00	7.41 -0.34 0.00	7.00 -0.21 0.00	14.30 -0.13 0.00	17.26 -0.14 0.00	16.81 -0.12 0.00	16.63 -0.17 0.00	16.30 -0.23 0.00	15.68 -0.17 0.00	15.17 -0.18 0.00	15.17 -0.20 0.00	13.88 -0.17 0.00	13.98 -0.18 0.00	14.86 -0.09 0.00	18.45 -0.04 0.00	19.92 -0.10 0.00	20.49 -0.29 0.00	17.18 -0.42 0.00	16.56 -0.44 0.00	7.86 -0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	7.51 0.12 -2.28	7.22 0.10 -2.02	6.89 0.11 -1.92	6.84 0.10 -2.01	7.14 0.08 -1.97	9.79 0.21 -1.82	10.43 0.10 -3.13	16.09 -0.42 -2.08	17.91 -0.61 -1.12	16.96 -0.61 -0.64	16.79 -0.62 -0.61	16.61 -0.58 -0.66	16.37 -0.56 -1.06	16.55 -0.52 -1.72	16.82 -0.52 -1.98	16.27 -0.51 -2.73	16.94 -0.52 -3.30	19.78 -0.67 -5.51	22.36 -0.87 -4.74	22.93 -0.94 -3.85	22.79 -0.91 -2.92	19.46 -0.70 -2.56	17.72 -0.61 -1.33	10.25 0.02 -2.07
EMPIRE_CC_1 323656	22.62 0.16 -17.35	20.69 0.16 -15.43	19.66 0.16 -14.63	20.19 0.15 -15.31	20.27 0.16 -15.01	21.91 0.25 -13.90	31.25 0.21 -23.84	30.63 0.36 -15.83	26.39 0.47 -8.52	22.07 0.46 -4.68	21.81 0.47 -4.54	21.88 0.46 -4.88	23.77 0.43 -7.48	27.32 0.41 -11.55	29.35 0.43 -13.55	33.23 0.38 -18.81	37.47 0.38 -22.92	52.60 0.40 -37.25	51.36 0.52 -32.36	46.89 0.54 -26.33	42.49 0.58 -21.12	36.56 0.49 -18.47	27.62 0.46 -10.16	24.16 0.22 -15.78
EMPIRE_CC_2 323658	22.62 0.16 -17.35	20.69 0.16 -15.43	19.66 0.16 -14.63	20.19 0.15 -15.31	20.27 0.16 -15.01	21.91 0.25 -13.90	31.25 0.21 -23.84	30.63 0.36 -15.83	26.39 0.47 -8.52	22.07 0.46 -4.68	21.81 0.47 -4.54	21.88 0.46 -4.88	23.77 0.43 -7.48	27.32 0.41 -11.55	29.35 0.43 -13.55	33.23 0.38 -18.81	37.47 0.38 -22.92	52.60 0.40 -37.25	51.36 0.52 -32.36	46.89 0.54 -26.33	42.49 0.58 -21.12	36.56 0.49 -18.47	27.62 0.46 -10.16	24.16 0.22 -15.78
ENORWICH_115KV_TB1 80156	10.25 0.47 -4.68	9.71 0.45 -4.16	9.23 0.42 -3.94	9.26 0.40 -4.13	9.61 0.47 -4.05	12.33 0.82 -3.75	14.46 0.83 -6.43	20.14 1.44 -4.27	21.24 1.55 -2.30	19.67 1.42 -1.32	19.35 1.29 -1.26	19.09 1.21 -1.35	19.19 1.13 -2.21	19.98 1.03 -3.60	20.47 0.98 -4.12	20.65 0.91 -5.70	22.06 1.02 -6.87	27.65 1.21 -11.49	30.12 1.76 -9.88	29.39 1.34 -8.02	28.47 1.64 -6.05	24.31 1.41 -5.31	21.03 1.29 -2.74	13.08 0.67 -4.25

ERIE_ST__34_KV_TB1-2 80199	7.56 0.10 -2.35	7.26 0.07 -2.09	6.94 0.08 -1.98	6.88 0.07 -2.08	7.18 0.06 -2.04	9.81 0.17 -1.89	10.53 0.09 -3.23	16.20 -0.38 -2.15	18.00 -0.56 -1.16	17.03 -0.56 -0.66	16.84 -0.59 -0.63	16.70 -0.51 -0.68	16.45 -0.51 -1.10	16.66 -0.48 -1.78	16.95 -0.46 -2.04	16.41 -0.46 -2.83	17.08 -0.50 -3.42	20.00 -0.64 -5.70	22.58 -0.81 -4.90	23.12 -0.88 -3.98	22.97 -0.83 -3.02	19.56 -0.69 -2.65	17.75 -0.63 -1.38	10.28 -0.02 -2.14
ERIE_WT_PWR 323693	7.54 0.14 -2.30	7.25 0.11 -2.04	6.93 0.12 -1.94	6.87 0.11 -2.03	7.18 0.10 -1.99	9.83 0.23 -1.84	10.43 0.07 -3.16	16.18 -0.35 -2.10	17.99 -0.54 -1.13	17.03 -0.54 -0.64	16.86 -0.55 -0.61	16.69 -0.50 -0.66	16.44 -0.48 -1.06	16.60 -0.46 -1.70	16.89 -0.45 -1.96	16.31 -0.45 -2.72	16.98 -0.47 -3.29	19.80 -0.60 -5.46	22.41 -0.78 -4.70	22.94 -0.84 -3.76	22.87 -0.79 -2.88	19.51 -0.62 -2.52	17.78 -0.54 -1.32	10.26 0.04 -2.06
ESPRGFLD_115KV_TB1 80157	1.52 0.34 3.92	1.93 0.32 3.49	1.87 0.31 3.31	1.56 0.29 3.46	2.02 0.33 3.40	5.16 0.55 3.14	2.35 0.54 5.39	11.87 1.02 3.58	16.62 1.15 1.93	16.88 1.07 1.12	16.73 0.99 1.06	16.32 0.93 1.14	14.94 0.95 1.87	13.20 0.92 3.07	12.80 0.94 3.51	10.08 0.88 4.85	9.24 0.92 5.85	6.15 1.02 9.81	11.42 1.35 8.42	14.64 1.46 6.84	17.27 1.60 5.11	14.50 1.39 4.49	16.00 1.29 2.30	5.20 0.61 3.57
ETNA_115_KV_TB1_REV_LBMP_C 345029	8.12 0.13 -2.89	7.78 0.12 -2.57	7.41 0.11 -2.44	7.38 0.10 -2.55	7.70 0.11 -2.50	10.29 0.22 -2.31	11.39 0.22 -3.97	17.33 0.26 -2.64	19.06 0.24 -1.42	17.95 0.20 -0.81	17.74 0.17 -0.78	17.54 0.18 -0.83	17.35 0.14 -1.35	17.71 0.17 -2.18	18.05 0.17 -2.51	17.68 0.17 -3.47	18.53 0.17 -4.19	22.12 0.19 -6.99	24.85 0.35 -6.01	25.39 0.48 -4.88	25.01 0.52 -3.71	21.31 0.46 -3.25	19.09 0.39 -1.69	11.05 0.26 -2.63
ETNA____115KV_TB2 80207	8.12 0.13 -2.89	7.78 0.12 -2.57	7.41 0.11 -2.44	7.38 0.10 -2.55	7.70 0.11 -2.50	10.29 0.22 -2.31	11.39 0.22 -3.97	17.33 0.26 -2.64	19.06 0.24 -1.42	17.95 0.20 -0.81	17.74 0.17 -0.78	17.54 0.18 -0.83	17.35 0.14 -1.35	17.71 0.17 -2.18	18.05 0.17 -2.51	17.68 0.17 -3.47	18.53 0.17 -4.19	22.12 0.19 -6.99	24.85 0.35 -6.01	25.39 0.48 -4.88	25.01 0.52 -3.71	21.31 0.46 -3.25	19.09 0.39 -1.69	11.05 0.26 -2.63
EUCLID__115KV_TB2 356179	6.27 -0.05 -1.21	6.11 -0.06 -1.08	5.83 -0.06 -1.02	5.74 -0.06 -1.07	6.07 -0.07 -1.05	8.66 -0.07 -0.97	8.80 -0.06 -1.66	15.26 -0.27 -1.10	17.64 -0.35 -0.59	16.91 -0.36 -0.34	16.79 -0.34 -0.32	16.56 -0.31 -0.35	16.11 -0.32 -0.56	15.98 -0.29 -0.91	16.13 -0.29 -1.05	15.23 -0.27 -1.45	15.64 -0.28 -1.76	17.56 -0.31 -2.93	20.65 -0.35 -2.52	21.71 -0.36 -2.05	21.96 -0.37 -1.55	18.66 -0.30 -1.36	17.41 -0.31 -0.71	9.18 -0.08 -1.10
E_CANADA_CAP_HY 24051	28.14 0.41 -22.62	25.61 0.40 -20.12	24.31 0.37 -19.07	25.05 0.36 -19.96	25.07 0.40 -19.57	26.55 0.67 -18.13	38.94 0.65 -31.08	36.33 1.25 -20.65	29.85 1.34 -11.11	24.44 1.25 -6.26	23.98 1.16 -6.02	24.11 1.11 -6.47	27.27 1.14 -10.27	32.81 1.12 -16.34	35.40 1.12 -18.91	41.30 1.07 -26.19	47.03 1.13 -31.74	68.64 1.29 -52.41	65.44 1.70 -45.26	58.56 1.88 -36.66	51.20 2.02 -28.40	44.21 1.73 -24.89	31.86 1.63 -13.22	29.43 0.73 -20.54
E_CANADA_MHWK_HY 24050	5.02 -0.09 0.00	5.01 -0.09 0.00	4.78 -0.09 0.00	4.64 -0.09 0.00	5.00 -0.09 0.00	7.65 -0.11 0.00	7.08 -0.12 0.00	14.16 -0.27 0.00	17.05 -0.35 0.00	16.57 -0.36 0.00	16.43 -0.37 0.00	16.22 -0.31 0.00	15.49 -0.36 0.00	14.98 -0.37 0.00	14.97 -0.40 0.00	13.65 -0.39 0.00	13.78 -0.38 0.00	14.54 -0.40 0.00	18.04 -0.44 0.00	19.56 -0.46 0.00	20.39 -0.40 0.00	17.35 -0.25 0.00	16.77 -0.24 0.00	8.05 -0.11 0.00
E_FISHKILL__LBMP 23776	20.10 0.29 -14.70	18.46 0.29 -13.07	17.54 0.27 -12.40	17.97 0.27 -12.97	18.10 0.29 -12.72	19.98 0.44 -11.78	27.82 0.41 -20.20	28.64 0.79 -13.42	25.70 1.08 -7.22	22.21 1.07 -4.21	21.86 1.08 -3.99	21.87 1.06 -4.29	23.99 1.01 -7.12	28.10 0.98 -11.76	29.75 1.00 -13.39	33.43 0.88 -18.50	37.30 0.86 -22.27	53.40 0.94 -37.51	51.78 1.13 -32.16	47.33 1.20 -26.11	41.36 1.23 -19.35	35.60 1.00 -17.00	26.58 0.97 -8.61	22.01 0.48 -13.37
FALCON__SEABRD_CC1 323796	4.91 -0.19 0.00	4.92 -0.17 0.00	4.70 -0.17 0.00	4.60 -0.13 0.00	4.97 -0.12 0.00	7.55 -0.20 0.00	7.15 -0.06 0.00	14.63 0.20 0.00	17.64 0.24 0.00	17.18 0.25 0.00	17.00 0.20 0.00	16.65 0.12 0.00	16.03 0.17 0.00	15.49 0.14 0.00	15.49 0.12 0.00	14.16 0.11 0.00	14.28 0.11 0.00	15.17 0.22 0.00	18.88 0.39 0.00	20.40 0.38 0.00	20.93 0.15 0.00	17.53 -0.07 0.00	16.87 -0.14 0.00	8.01 -0.15 0.00
FALCON__SEABRD_CC2 323797	4.91 -0.19 0.00	4.92 -0.17 0.00	4.70 -0.17 0.00	4.60 -0.13 0.00	4.97 -0.12 0.00	7.55 -0.20 0.00	7.15 -0.06 0.00	14.63 0.20 0.00	17.64 0.24 0.00	17.18 0.25 0.00	17.00 0.20 0.00	16.65 0.12 0.00	16.03 0.17 0.00	15.49 0.14 0.00	15.49 0.12 0.00	14.16 0.11 0.00	14.28 0.11 0.00	15.17 0.22 0.00	18.88 0.39 0.00	20.40 0.38 0.00	20.93 0.15 0.00	17.53 -0.07 0.00	16.87 -0.14 0.00	8.01 -0.15 0.00
FAR ROCKAWAY__4 23548	25.32 0.46 -19.75	21.02 0.46 -15.46	19.69 0.44 -14.38	19.65 0.43 -14.49	18.99 0.46 -13.44	21.45 0.72 -12.97	29.66 0.66 -21.80	32.15 1.28 -16.43	31.09 1.70 -11.99	29.43 1.69 -10.80	28.83 1.66 -10.37	28.90 1.64 -10.73	30.30 1.57 -12.87	31.67 1.54 -14.78	30.89 1.54 -13.98	33.62 1.28 -18.30	42.23 1.23 -26.84	53.40 1.36 -37.10	51.79 1.50 -31.81	47.51 1.66 -25.82	46.94 1.79 -24.37	35.82 1.41 -16.82	29.46 1.60 -10.86	28.31 0.77 -19.39
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.99 0.34 -14.55	18.38 0.35 -12.93	17.46 0.33 -12.26	17.89 0.32 -12.83	18.02 0.34 -12.59	19.96 0.55 -11.66	27.71 0.52 -19.99	28.73 1.02 -13.28	25.95 1.41 -7.15	22.52 1.42 -4.17	22.17 1.43 -3.95	22.18 1.41 -4.24	24.23 1.33 -7.04	28.29 1.30 -11.63	29.91 1.31 -13.24	33.49 1.15 -18.29	37.28 1.09 -22.03	53.31 1.27 -37.09	51.79 1.50 -31.80	47.40 1.56 -25.82	41.48 1.56 -19.14	35.70 1.28 -16.82	26.78 1.26 -8.51	22.00 0.61 -13.23
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.00 0.35 -14.55	18.38 0.35 -12.93	17.46 0.33 -12.26	17.89 0.32 -12.83	18.02 0.34 -12.59	19.96 0.55 -11.66	27.71 0.52 -19.99	28.73 1.02 -13.28	25.95 1.41 -7.15	22.52 1.42 -4.17	22.17 1.43 -3.95	22.18 1.41 -4.24	24.23 1.33 -7.04	28.29 1.30 -11.63	29.91 1.31 -13.24	33.49 1.15 -18.29	37.28 1.09 -22.03	53.31 1.27 -37.09	51.79 1.50 -31.80	47.40 1.56 -25.82	41.48 1.56 -19.14	35.70 1.28 -16.82	26.78 1.26 -8.51	22.00 0.61 -13.23
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.99 0.34 -14.55	18.38 0.35 -12.93	17.46 0.33 -12.26	17.89 0.32 -12.83	18.02 0.34 -12.59	19.95 0.54 -11.66	27.70 0.51 -19.99	28.73 1.02 -13.28	25.95 1.41 -7.15	22.50 1.41 -4.17	22.16 1.41 -3.95	22.16 1.39 -4.24	24.21 1.32 -7.04	28.28 1.29 -11.63	29.91 1.31 -13.24	33.47 1.14 -18.29	37.28 1.09 -22.03	53.31 1.27 -37.09	51.79 1.50 -31.80	47.38 1.54 -25.82	41.46 1.54 -19.14	35.68 1.27 -16.82	26.76 1.24 -8.51	21.99 0.60 -13.23

FARRAGUT___LBMP 323566	19.99 0.34 -14.55	18.37 0.34 -12.93	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.95 0.54 -11.66	27.70 0.50 -19.99	28.72 1.01 -13.28	25.93 1.39 -7.15	22.49 1.39 -4.17	22.14 1.39 -3.95	22.14 1.37 -4.24	24.21 1.32 -7.04	28.26 1.27 -11.63	29.90 1.29 -13.24	33.46 1.12 -18.29	37.27 1.08 -22.03	53.29 1.26 -37.09	51.77 1.48 -31.80	47.36 1.52 -25.82	41.46 1.54 -19.14	35.66 1.25 -16.82	26.76 1.24 -8.51	21.99 0.60 -13.23
FENNER___WINDPWR 24204	6.80 0.10 -1.59	6.60 0.09 -1.41	6.29 0.09 -1.34	6.21 0.08 -1.40	6.56 0.09 -1.37	9.21 0.19 -1.27	9.54 0.16 -2.18	16.14 0.26 -1.45	18.45 0.28 -0.78	17.61 0.24 -0.44	17.44 0.22 -0.42	17.20 0.21 -0.45	16.78 0.19 -0.73	16.71 0.18 -1.17	16.91 0.19 -1.35	16.08 0.17 -1.87	16.62 0.20 -2.26	18.94 0.24 -3.76	22.09 0.37 -3.24	23.07 0.40 -2.65	23.31 0.50 -2.03	19.82 0.44 -1.78	18.31 0.37 -0.93	9.80 0.20 -1.45
FIBERTEK___ENERGY 23856	6.61 0.02 -1.49	6.43 0.01 -1.32	6.12 0.00 -1.25	6.04 -0.01 -1.31	6.37 -0.01 -1.29	8.98 0.03 -1.19	9.28 0.03 -2.05	15.72 -0.07 -1.36	18.01 -0.12 -0.73	17.23 -0.12 -0.42	17.08 -0.12 -0.40	16.88 -0.08 -0.43	16.46 -0.10 -0.69	16.40 -0.08 -1.13	16.58 -0.08 -1.29	15.76 -0.07 -1.79	16.24 -0.08 -2.16	18.44 -0.10 -3.60	21.51 -0.07 -3.10	22.48 -0.06 -2.52	22.63 -0.06 -1.91	19.24 -0.04 -1.68	17.82 -0.05 -0.87	9.55 0.04 -1.35
FITZPATRICK____ 23598	6.05 -0.12 -1.07	5.92 -0.13 -0.95	5.64 -0.13 -0.90	5.55 -0.12 -0.94	5.88 -0.14 -0.92	8.44 -0.17 -0.85	8.48 -0.19 -1.46	14.94 -0.46 -0.97	17.35 -0.57 -0.52	16.65 -0.58 -0.30	16.51 -0.57 -0.28	16.29 -0.55 -0.31	15.83 -0.52 -0.49	15.65 -0.49 -0.79	15.79 -0.49 -0.91	14.84 -0.46 -1.26	15.22 -0.47 -1.52	16.97 -0.51 -2.53	20.08 -0.59 -2.18	21.14 -0.64 -1.76	21.46 -0.67 -1.34	18.23 -0.55 -1.18	17.10 -0.53 -0.62	8.92 -0.20 -0.96
FLOWRFLD_69_KV_BK1 356044	25.78 0.47 -20.20	21.25 0.48 -15.67	19.88 0.46 -14.56	19.81 0.45 -14.63	19.08 0.47 -13.51	21.58 0.74 -13.08	29.87 0.71 -21.96	32.38 1.52 -16.43	31.26 1.88 -11.99	29.61 1.88 -10.80	28.97 1.80 -10.37	28.91 1.65 -10.73	30.38 1.65 -12.87	31.71 1.58 -14.78	30.92 1.57 -13.98	33.59 1.25 -18.30	42.38 1.37 -26.84	53.56 1.52 -37.10	51.96 1.66 -31.81	47.73 1.88 -25.82	47.21 2.06 -24.37	36.04 1.62 -16.82	29.58 1.72 -10.86	28.39 0.84 -19.39
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.95 0.34 -14.50	18.34 0.35 -12.90	17.42 0.33 -12.23	17.85 0.32 -12.80	17.98 0.34 -12.55	19.90 0.53 -11.62	27.62 0.49 -19.93	28.60 0.94 -13.24	25.74 1.22 -7.12	22.28 1.20 -4.15	21.92 1.19 -3.93	21.96 1.21 -4.22	24.01 1.16 -7.00	27.98 1.07 -11.55	29.67 1.15 -13.15	33.27 1.05 -18.17	37.09 1.03 -21.89	52.80 1.03 -36.83	51.39 1.31 -31.59	47.15 1.48 -25.65	41.34 1.52 -19.04	35.58 1.25 -16.73	26.68 1.19 -8.49	21.93 0.58 -13.19
FORT ORANGE____ 23900	23.07 0.11 -17.85	21.08 0.11 -15.88	20.02 0.10 -15.05	20.58 0.09 -15.75	20.65 0.11 -15.45	22.23 0.17 -14.31	31.88 0.14 -24.53	30.97 0.25 -16.30	26.50 0.33 -8.77	22.15 0.32 -4.90	21.86 0.34 -4.72	21.95 0.35 -5.07	24.11 0.30 -7.95	28.18 0.31 -12.52	30.26 0.34 -14.56	34.53 0.31 -20.18	39.04 0.33 -24.55	55.64 0.34 -40.35	53.85 0.46 -34.90	48.92 0.52 -28.37	43.54 0.54 -22.22	37.49 0.44 -19.46	27.86 0.41 -10.45	24.56 0.17 -16.23
FORT_DRUM_COGEN 23780	5.73 -0.09 -0.72	5.63 -0.10 -0.64	5.37 -0.10 -0.60	5.26 -0.10 -0.63	5.62 -0.09 -0.62	8.23 -0.10 -0.57	8.12 -0.06 -0.98	14.94 -0.14 -0.65	17.38 -0.37 -0.35	16.79 -0.34 -0.20	16.66 -0.34 -0.19	16.32 -0.41 -0.21	15.81 -0.38 -0.33	15.51 -0.38 -0.54	15.57 -0.41 -0.62	14.54 -0.37 -0.86	14.90 -0.30 -1.04	16.48 -0.19 -1.73	19.86 -0.11 -1.49	21.09 -0.14 -1.21	21.81 0.10 -0.92	18.47 0.07 -0.81	17.46 0.03 -0.42	8.79 -0.02 -0.65
FPL_FAR_ROCK_GT1 24212	25.74 0.46 -20.16	21.21 0.46 -15.65	19.85 0.44 -14.54	19.77 0.43 -14.61	19.05 0.46 -13.50	21.54 0.72 -13.06	29.81 0.68 -21.93	32.13 1.28 -16.42	31.08 1.71 -11.98	29.42 1.69 -10.80	28.83 1.66 -10.37	28.89 1.64 -10.73	30.29 1.57 -12.86	31.65 1.54 -14.76	30.86 1.54 -13.96	33.59 1.28 -18.27	42.19 1.23 -26.80	53.32 1.36 -37.02	51.73 1.50 -31.74	47.49 1.66 -25.81	46.94 1.79 -24.37	35.82 1.41 -16.81	29.47 1.60 -10.86	28.32 0.77 -19.39
FPL_FAR_ROCK_GT2 23815	25.74 0.46 -20.16	21.21 0.46 -15.65	19.85 0.44 -14.54	19.77 0.43 -14.61	19.05 0.46 -13.50	21.54 0.72 -13.06	29.81 0.68 -21.93	32.13 1.28 -16.42	31.08 1.71 -11.98	29.42 1.69 -10.80	28.83 1.66 -10.37	28.89 1.64 -10.73	30.29 1.57 -12.86	31.65 1.54 -14.76	30.86 1.54 -13.96	33.59 1.28 -18.27	42.19 1.23 -26.80	53.32 1.36 -37.02	51.73 1.50 -31.74	47.49 1.66 -25.81	46.94 1.79 -24.37	35.82 1.41 -16.81	29.47 1.60 -10.86	28.32 0.77 -19.39
FRANKLIN_FALL_HYD 24054	4.93 -0.28 -0.10	4.93 -0.26 -0.09	4.70 -0.25 -0.08	4.60 -0.22 -0.09	4.95 -0.22 -0.09	7.47 -0.36 -0.08	7.08 -0.27 -0.14	14.36 -0.16 -0.09	17.24 -0.21 -0.05	16.75 -0.20 -0.03	16.61 -0.22 -0.03	16.28 -0.28 -0.03	15.67 -0.24 -0.05	15.17 -0.26 -0.07	15.18 -0.28 -0.09	13.92 -0.24 -0.12	14.08 -0.23 -0.14	15.06 -0.12 -0.24	18.58 -0.11 -0.20	20.01 -0.18 -0.17	20.56 -0.35 -0.13	17.23 -0.48 -0.11	16.60 -0.46 -0.06	7.91 -0.34 -0.09
FREEPORT_EQUS_GT1 23764	25.99 0.43 -20.46	21.32 0.43 -15.80	19.94 0.41 -14.66	19.84 0.40 -14.70	19.06 0.43 -13.54	21.57 0.67 -13.14	29.90 0.66 -22.03	32.09 1.24 -16.42	31.03 1.65 -11.98	29.37 1.64 -10.80	28.69 1.53 -10.37	28.69 1.44 -10.73	30.13 1.41 -12.86	31.46 1.35 -14.76	30.69 1.37 -13.96	33.41 1.10 -18.27	42.13 1.17 -26.80	53.22 1.26 -37.02	51.60 1.37 -31.74	47.37 1.54 -25.81	46.81 1.66 -24.37	35.86 1.44 -16.82	29.38 1.51 -10.86	28.29 0.74 -19.39
FREEPORT___CT2 23818	25.99 0.43 -20.46	21.32 0.43 -15.80	19.94 0.41 -14.66	19.84 0.40 -14.70	19.06 0.43 -13.54	21.57 0.67 -13.14	29.90 0.66 -22.03	32.09 1.24 -16.42	31.03 1.65 -11.98	29.37 1.64 -10.80	28.69 1.53 -10.37	28.69 1.44 -10.73	30.13 1.41 -12.86	31.46 1.35 -14.76	30.69 1.37 -13.96	33.41 1.10 -18.27	42.13 1.17 -26.80	53.22 1.26 -37.02	51.60 1.37 -31.74	47.37 1.54 -25.81	46.81 1.66 -24.37	35.86 1.44 -16.82	29.38 1.51 -10.86	28.29 0.74 -19.39
FRESHKLS_33_KV_LOAD 356253	20.03 0.37 -14.55	18.40 0.37 -12.94	17.49 0.36 -12.26	17.91 0.34 -12.83	18.04 0.36 -12.59	19.95 0.54 -11.66	27.70 0.50 -19.99	28.67 0.97 -13.28	25.90 1.36 -7.15	22.45 1.35 -4.17	22.11 1.36 -3.95	22.11 1.34 -4.24	24.17 1.27 -7.04	28.26 1.27 -11.63	29.84 1.23 -13.24	33.41 1.07 -18.29	37.18 0.99 -22.03	53.29 1.26 -37.09	51.77 1.48 -31.80	47.35 1.50 -25.82	41.38 1.45 -19.14	35.65 1.23 -16.82	26.86 1.34 -8.51	22.05 0.66 -13.23
FULTON COGEN____ 23766	6.24 -0.08 -1.21	6.09 -0.09 -1.08	5.80 -0.09 -1.02	5.71 -0.09 -1.07	6.04 -0.10 -1.05	8.62 -0.11 -0.97	8.77 -0.10 -1.66	15.20 -0.33 -1.10	17.56 -0.43 -0.59	16.83 -0.44 -0.34	16.69 -0.44 -0.32	16.47 -0.41 -0.35	16.04 -0.38 -0.56	15.90 -0.37 -0.91	16.05 -0.37 -1.05	15.15 -0.35 -1.45	15.56 -0.35 -1.75	17.48 -0.39 -2.92	20.62 -0.39 -2.52	21.67 -0.40 -2.04	21.92 -0.42 -1.55	18.63 -0.33 -1.36	17.36 -0.36 -0.71	9.15 -0.11 -1.10

FULTON___LFGE 323630	26.92 0.53 -21.29	24.52 0.49 -18.93	23.28 0.46 -17.95	23.97 0.45 -18.79	24.02 0.50 -18.42	25.65 0.84 -17.06	37.17 0.71 -29.25	35.28 1.42 -19.43	29.40 1.55 -10.46	24.25 1.44 -5.88	23.71 1.24 -5.66	23.97 1.36 -6.09	26.79 1.30 -9.63	31.94 1.29 -15.30	34.41 1.32 -17.72	39.92 1.33 -24.55	45.39 1.47 -29.76	65.72 1.69 -49.09	63.07 2.18 -42.40	56.83 2.42 -34.38	50.06 2.58 -26.70	43.08 2.09 -23.39	31.40 1.94 -12.46	28.33 0.82 -19.35
G.F.CEMENT___DRP 24184	24.17 0.23 -18.83	22.05 0.21 -16.74	20.94 0.19 -15.87	21.53 0.19 -16.61	21.60 0.21 -16.29	23.20 0.36 -15.09	33.40 0.32 -25.87	32.31 0.69 -17.18	27.46 0.82 -9.25	22.86 0.74 -5.19	22.51 0.72 -4.99	22.64 0.74 -5.36	25.08 0.76 -8.46	29.50 0.75 -13.39	31.39 0.49 -15.53	36.06 0.49 -21.52	40.78 0.52 -26.09	58.53 0.61 -42.97	56.44 0.81 -37.14	51.12 0.90 -30.19	45.32 1.00 -23.54	38.99 0.77 -20.62	29.08 1.05 -11.02	25.70 0.42 -17.12
GARDENVILLE___LBMP 24039	7.53 0.13 -2.30	7.24 0.10 -2.04	6.92 0.11 -1.94	6.86 0.10 -2.03	7.16 0.09 -1.99	9.81 0.22 -1.84	10.47 0.11 -3.16	16.15 -0.38 -2.10	17.95 -0.57 -1.13	17.00 -0.58 -0.65	16.83 -0.59 -0.62	16.65 -0.55 -0.66	16.41 -0.52 -1.07	16.60 -0.49 -1.74	16.87 -0.49 -1.99	16.33 -0.48 -2.76	17.00 -0.50 -3.33	19.87 -0.63 -5.55	22.44 -0.83 -4.78	23.02 -0.88 -3.88	22.88 -0.85 -2.95	19.52 -0.67 -2.59	17.77 -0.58 -1.34	10.27 0.02 -2.09
GARDNVLA_35_KV_LD 355827	7.55 0.14 -2.30	7.25 0.11 -2.04	6.93 0.13 -1.94	6.88 0.12 -2.03	7.18 0.10 -1.99	9.84 0.24 -1.84	10.50 0.14 -3.16	16.21 -0.32 -2.10	18.02 -0.50 -1.13	17.07 -0.51 -0.65	16.90 -0.52 -0.62	16.71 -0.48 -0.66	16.49 -0.44 -1.07	16.68 -0.41 -1.74	16.95 -0.41 -1.99	16.38 -0.42 -2.76	17.07 -0.42 -3.33	19.93 -0.57 -5.56	22.53 -0.74 -4.78	23.11 -0.80 -3.88	22.98 -0.75 -2.95	19.59 -0.60 -2.59	17.84 -0.51 -1.34	10.30 0.05 -2.09
GELCKHM___115KV_LOAD 80723	6.41 -0.03 -1.33	6.24 -0.04 -1.18	5.95 -0.04 -1.12	5.86 -0.04 -1.17	6.20 -0.05 -1.15	8.79 -0.03 -1.07	9.00 -0.03 -1.83	15.47 -0.17 -1.21	17.81 -0.24 -0.65	17.07 -0.24 -0.37	16.92 -0.24 -0.36	16.68 -0.23 -0.38	16.27 -0.21 -0.62	16.17 -0.18 -1.01	16.34 -0.18 -1.15	15.47 -0.17 -1.60	15.91 -0.18 -1.93	17.95 -0.21 -3.22	21.03 -0.22 -2.77	22.05 -0.22 -2.25	22.26 -0.23 -1.71	18.92 -0.18 -1.50	17.60 -0.19 -0.78	9.34 -0.02 -1.21
GENERAL___MILLS 23808	7.55 0.13 -2.31	7.25 0.10 -2.05	6.93 0.12 -1.95	6.88 0.11 -2.04	7.18 0.09 -2.00	9.83 0.22 -1.85	10.49 0.12 -3.17	16.18 -0.36 -2.11	17.99 -0.54 -1.13	17.04 -0.54 -0.65	16.85 -0.57 -0.62	16.68 -0.51 -0.67	16.44 -0.49 -1.08	16.64 -0.46 -1.75	16.91 -0.46 -2.01	16.37 -0.45 -2.77	17.05 -0.47 -3.35	19.92 -0.61 -5.59	22.50 -0.79 -4.81	23.09 -0.84 -3.91	22.94 -0.81 -2.96	19.56 -0.63 -2.60	17.81 -0.54 -1.35	10.29 0.03 -2.10
GE_PLASTICS___DRP 24183	23.06 0.13 -17.82	21.07 0.12 -15.85	20.01 0.12 -15.03	20.57 0.11 -15.73	20.64 0.13 -15.42	22.24 0.20 -14.28	31.85 0.16 -24.49	31.00 0.30 -16.27	26.55 0.40 -8.76	22.24 0.39 -4.92	21.93 0.40 -4.73	22.03 0.41 -5.08	24.26 0.36 -8.04	28.48 0.37 -12.76	30.53 0.38 -14.78	34.87 0.35 -20.48	39.32 0.34 -24.82	56.21 0.34 -40.93	54.29 0.44 -35.36	49.24 0.48 -28.74	43.62 0.50 -22.34	37.59 0.42 -19.57	27.83 0.39 -10.43	24.55 0.19 -16.21
GILBOA___1 23756	19.05 0.16 -13.79	17.51 0.16 -12.26	16.64 0.15 -11.62	17.04 0.15 -12.16	17.17 0.15 -11.93	19.05 0.25 -11.05	26.37 0.22 -18.94	27.42 0.40 -12.58	24.69 0.52 -6.77	21.29 0.51 -3.85	20.99 0.50 -3.68	20.98 0.50 -3.96	22.69 0.48 -6.36	26.04 0.46 -10.23	27.62 0.48 -11.77	30.76 0.42 -16.30	34.29 0.41 -19.71	48.03 0.36 -32.73	47.16 0.46 -28.21	43.44 0.50 -22.92	38.84 0.52 -17.54	33.49 0.51 -15.38	25.57 0.49 -8.07	20.95 0.25 -12.53
GILBOA___2 23757	19.05 0.16 -13.79	17.51 0.16 -12.26	16.64 0.15 -11.62	17.04 0.15 -12.16	17.17 0.15 -11.93	19.05 0.25 -11.05	26.37 0.22 -18.94	27.42 0.40 -12.58	24.69 0.52 -6.77	21.29 0.51 -3.85	20.99 0.50 -3.68	20.98 0.50 -3.96	22.69 0.48 -6.36	26.04 0.46 -10.23	27.62 0.48 -11.77	30.76 0.42 -16.30	34.29 0.41 -19.71	48.03 0.36 -32.73	47.16 0.46 -28.21	43.44 0.50 -22.92	38.84 0.52 -17.54	33.49 0.51 -15.38	25.57 0.49 -8.07	20.95 0.25 -12.53
GILBOA___3 23758	19.05 0.16 -13.79	17.51 0.16 -12.26	16.64 0.15 -11.62	17.04 0.15 -12.16	17.17 0.15 -11.93	19.05 0.25 -11.05	26.37 0.22 -18.94	27.42 0.40 -12.58	24.69 0.52 -6.77	21.29 0.51 -3.85	20.99 0.50 -3.68	20.98 0.50 -3.96	22.69 0.48 -6.36	26.04 0.46 -10.23	27.62 0.48 -11.77	30.76 0.42 -16.30	34.29 0.41 -19.71	48.03 0.36 -32.73	47.16 0.46 -28.21	43.44 0.50 -22.92	38.84 0.52 -17.54	33.49 0.51 -15.38	25.57 0.49 -8.07	20.95 0.25 -12.53
GILBOA___4 23759	19.05 0.16 -13.79	17.51 0.16 -12.26	16.64 0.15 -11.62	17.04 0.15 -12.16	17.17 0.15 -11.93	19.05 0.25 -11.05	26.37 0.22 -18.94	27.42 0.40 -12.58	24.69 0.52 -6.77	21.29 0.51 -3.85	20.99 0.50 -3.68	20.98 0.50 -3.96	22.69 0.48 -6.36	26.04 0.46 -10.23	27.62 0.48 -11.77	30.76 0.42 -16.30	34.29 0.41 -19.71	48.03 0.36 -32.73	47.16 0.46 -28.21	43.44 0.50 -22.92	38.84 0.52 -17.54	33.49 0.51 -15.38	25.57 0.49 -8.07	20.95 0.25 -12.53
GILBOA___ 23599	19.06 0.16 -13.80	17.53 0.16 -12.27	16.65 0.15 -11.63	17.05 0.15 -12.17	17.18 0.15 -11.94	19.06 0.25 -11.06	26.39 0.22 -18.96	27.43 0.40 -12.59	24.70 0.52 -6.78	21.30 0.51 -3.86	20.99 0.50 -3.69	20.99 0.50 -3.97	22.71 0.48 -6.38	26.08 0.46 -10.27	27.67 0.48 -11.82	30.83 0.42 -16.36	34.36 0.41 -19.78	48.17 0.36 -32.87	47.27 0.46 -28.32	43.53 0.50 -23.01	38.89 0.52 -17.59	33.53 0.51 -15.42	25.57 0.49 -8.08	20.96 0.25 -12.55
GINNA___ 23603	6.67 -0.15 -1.71	6.45 -0.17 -1.52	6.15 -0.17 -1.44	6.08 -0.16 -1.51	6.39 -0.18 -1.48	8.92 -0.21 -1.37	9.29 -0.27 -2.35	15.23 -0.77 -1.56	17.25 -0.99 -0.84	16.41 -1.00 -0.48	16.30 -0.96 -0.46	16.08 -0.94 -0.49	15.75 -0.90 -0.79	15.77 -0.86 -1.27	15.97 -0.86 -1.46	15.27 -0.80 -2.03	15.81 -0.81 -2.45	18.10 -0.91 -4.07	20.87 -1.13 -3.51	21.66 -1.18 -2.82	21.71 -1.23 -2.15	18.50 -0.99 -1.89	17.03 -0.97 -0.99	9.40 -0.30 -1.54
GLEN PARK___ 23778	5.85 -0.07 -0.82	5.74 -0.09 -0.73	5.47 -0.09 -0.69	5.36 -0.09 -0.72	5.72 -0.08 -0.71	8.34 -0.07 -0.66	8.27 -0.06 -1.12	15.08 -0.10 -0.75	17.45 -0.35 -0.40	16.84 -0.32 -0.23	16.70 -0.32 -0.22	16.37 -0.40 -0.23	15.87 -0.36 -0.37	15.57 -0.38 -0.60	15.65 -0.41 -0.69	14.65 -0.35 -0.96	15.04 -0.28 -1.16	16.71 -0.16 -1.93	20.10 -0.06 -1.66	21.31 -0.06 -1.35	22.03 0.21 -1.03	18.66 0.16 -0.91	17.58 0.10 -0.48	8.92 0.02 -0.74
GLENDALE_27_KV_LOAD 356172	20.01 0.36 -14.55	18.39 0.36 -12.94	17.48 0.35 -12.26	17.90 0.34 -12.83	18.03 0.35 -12.59	19.96 0.55 -11.66	27.72 0.53 -19.99	28.75 1.04 -13.28	26.00 1.46 -7.15	22.55 1.46 -4.17	22.23 1.48 -3.95	22.23 1.45 -4.24	24.28 1.38 -7.04	28.34 1.35 -11.63	29.96 1.35 -13.24	33.53 1.19 -18.29	37.32 1.13 -22.03	53.38 1.35 -37.09	51.88 1.59 -31.80	47.47 1.62 -25.82	41.54 1.62 -19.14	35.73 1.32 -16.82	26.83 1.31 -8.51	22.03 0.64 -13.23

GLENWOOD_IC_1_G5 23712	24.76 0.39 -19.26	20.71 0.39 -15.22	19.42 0.37 -14.18	19.43 0.36 -14.33	18.84 0.39 -13.36	21.21 0.61 -12.84	29.41 0.57 -21.63	32.00 1.14 -16.43	30.90 1.51 -11.99	29.26 1.52 -10.80	28.68 1.51 -10.37	28.73 1.47 -10.73	30.16 1.43 -12.87	31.51 1.38 -14.78	30.75 1.40 -13.98	33.52 1.18 -18.30	42.20 1.20 -26.84	53.37 1.33 -37.10	51.81 1.52 -31.81	47.49 1.64 -25.82	46.88 1.73 -24.37	35.82 1.41 -16.82	29.24 1.38 -10.86	28.22 0.68 -19.39
GLENWOOD_IC_2_G1 23688	20.47 0.37 -14.99	18.61 0.37 -13.15	17.66 0.35 -12.44	18.04 0.34 -12.97	18.10 0.36 -12.65	20.09 0.57 -11.76	27.89 0.55 -20.13	31.90 1.05 -16.42	30.80 1.43 -11.98	29.15 1.42 -10.80	28.59 1.43 -10.37	28.64 1.39 -10.73	30.05 1.33 -12.86	31.40 1.29 -14.76	30.63 1.31 -13.96	33.43 1.12 -18.27	42.08 1.12 -26.80	53.20 1.24 -37.02	51.65 1.42 -31.74	47.37 1.54 -25.81	46.75 1.60 -24.37	35.72 1.30 -16.81	29.16 1.29 -10.86	28.18 0.63 -19.39
GLENWOOD_IC_3_G1 23689	20.47 0.37 -14.99	18.61 0.37 -13.15	17.66 0.35 -12.44	18.04 0.34 -12.97	18.10 0.36 -12.65	20.09 0.57 -11.76	27.89 0.55 -20.13	31.90 1.05 -16.42	30.80 1.43 -11.98	29.15 1.42 -10.80	28.59 1.43 -10.37	28.64 1.39 -10.73	30.05 1.33 -12.86	31.40 1.29 -14.76	30.63 1.31 -13.96	33.43 1.12 -18.27	42.08 1.12 -26.80	53.20 1.24 -37.02	51.65 1.42 -31.74	47.37 1.54 -25.81	46.75 1.60 -24.37	35.72 1.30 -16.81	29.16 1.29 -10.86	28.18 0.63 -19.39
GLENWOOD___4 23550	24.76 0.39 -19.26	20.71 0.39 -15.22	19.42 0.37 -14.18	19.43 0.36 -14.33	18.84 0.39 -13.36	21.21 0.61 -12.84	29.41 0.57 -21.63	32.00 1.14 -16.43	30.90 1.51 -11.99	29.26 1.52 -10.80	28.68 1.51 -10.37	28.73 1.47 -10.73	30.16 1.43 -12.87	31.51 1.38 -14.78	30.75 1.40 -13.98	33.52 1.18 -18.30	42.20 1.20 -26.84	53.37 1.33 -37.10	51.81 1.52 -31.81	47.49 1.64 -25.82	46.88 1.73 -24.37	35.82 1.41 -16.82	29.24 1.38 -10.86	28.22 0.68 -19.39
GLENWOOD___5 23614	24.76 0.39 -19.26	20.71 0.39 -15.22	19.42 0.37 -14.18	19.43 0.36 -14.33	18.84 0.39 -13.36	21.21 0.61 -12.84	29.41 0.57 -21.63	32.00 1.14 -16.43	30.90 1.51 -11.99	29.26 1.52 -10.80	28.68 1.51 -10.37	28.73 1.47 -10.73	30.16 1.43 -12.87	31.51 1.38 -14.78	30.75 1.40 -13.98	33.52 1.18 -18.30	42.20 1.20 -26.84	53.37 1.33 -37.10	51.81 1.52 -31.81	47.49 1.64 -25.82	46.88 1.73 -24.37	35.82 1.41 -16.82	29.24 1.38 -10.86	28.22 0.68 -19.39
GLOBAL GREEN_PORT_GT1 23814	26.54 0.57 -20.86	21.67 0.59 -15.99	20.25 0.56 -14.82	20.12 0.55 -14.83	19.29 0.59 -13.61	21.89 0.90 -13.24	30.31 0.93 -22.17	32.68 1.83 -16.42	31.55 2.17 -11.98	29.93 2.20 -10.80	29.26 2.10 -10.37	29.17 1.92 -10.73	30.64 1.92 -12.86	31.95 1.84 -14.76	31.17 1.84 -13.96	33.84 1.53 -18.27	42.69 1.73 -26.80	53.90 1.94 -37.02	52.36 2.13 -31.74	48.25 2.42 -25.81	47.81 2.66 -24.37	36.48 2.06 -16.82	29.96 2.09 -10.86	28.55 1.00 -19.39
GLOBE___DSASP 323697	7.24 0.00 -2.13	6.97 -0.03 -1.90	6.66 -0.01 -1.80	6.60 -0.01 -1.88	6.90 -0.04 -1.85	9.48 0.02 -1.71	9.99 -0.15 -2.93	15.48 -0.89 -1.95	17.30 -1.15 -1.05	16.37 -1.15 -0.60	16.23 -1.14 -0.57	16.04 -1.11 -0.61	15.80 -1.05 -0.99	15.94 -1.00 -1.58	16.16 -1.03 -1.82	15.60 -0.97 -2.52	16.23 -0.99 -3.06	18.85 -1.17 -5.07	21.34 -1.52 -4.37	21.90 -1.62 -3.50	21.84 -1.62 -2.68	18.67 -1.27 -2.34	17.13 -1.11 -1.23	9.87 -0.20 -1.91
GOETHSLN___LBMP 323567	19.97 0.32 -14.55	18.35 0.32 -12.93	17.44 0.31 -12.26	17.86 0.30 -12.83	17.99 0.32 -12.59	19.94 0.53 -11.66	27.68 0.48 -19.99	28.66 0.95 -13.28	25.90 1.36 -7.15	22.44 1.34 -4.17	22.09 1.34 -3.95	22.09 1.32 -4.24	24.15 1.25 -7.04	28.21 1.23 -11.63	29.84 1.23 -13.24	33.42 1.08 -18.29	37.20 1.01 -22.03	53.23 1.20 -37.09	51.70 1.41 -31.80	47.26 1.42 -25.82	41.35 1.43 -19.14	35.59 1.18 -16.82	26.69 1.17 -8.51	21.96 0.57 -13.23
GOLAH___69_KV_TB 1_2 80279	7.01 0.16 -1.75	6.78 0.13 -1.55	6.45 0.11 -1.47	6.39 0.11 -1.54	6.71 0.11 -1.51	9.40 0.24 -1.40	9.74 0.14 -2.40	15.91 -0.12 -1.60	17.99 -0.26 -0.86	17.08 -0.34 -0.49	16.97 -0.30 -0.47	16.75 -0.28 -0.50	16.37 -0.30 -0.82	16.40 -0.28 -1.32	16.61 -0.28 -1.52	15.86 -0.28 -2.10	16.40 -0.30 -2.54	18.81 -0.36 -4.23	21.65 -0.48 -3.64	22.54 -0.44 -2.96	22.59 -0.44 -2.24	19.27 -0.30 -1.97	17.81 -0.22 -1.02	9.87 0.12 -1.59
GOODYEAR_LAKE_HYD 323669	6.82 0.23 -1.49	6.64 0.22 -1.32	6.33 0.21 -1.25	6.24 0.20 -1.31	6.60 0.22 -1.29	9.33 0.38 -1.19	9.62 0.37 -2.04	16.47 0.68 -1.36	18.91 0.78 -0.73	18.09 0.74 -0.42	17.90 0.71 -0.40	17.62 0.66 -0.43	17.20 0.65 -0.69	17.10 0.63 -1.12	17.29 0.63 -1.29	16.42 0.59 -1.78	16.91 0.59 -2.15	19.17 0.64 -3.59	22.43 0.85 -3.09	23.45 0.92 -2.51	23.73 1.04 -1.91	20.19 0.92 -1.67	18.73 0.85 -0.87	9.94 0.42 -1.35
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	9.22 0.12 -3.99	8.76 0.11 -3.55	8.34 0.11 -3.37	8.35 0.10 -3.52	8.65 0.10 -3.45	11.16 0.20 -3.20	12.87 0.18 -5.49	18.25 0.17 -3.64	19.51 0.16 -1.96	18.19 0.14 -1.12	17.99 0.12 -1.07	17.81 0.13 -1.15	17.85 0.13 -1.87	18.53 0.14 -3.04	18.99 0.14 -3.48	18.97 0.11 -4.82	20.08 0.10 -5.82	24.71 0.06 -9.70	26.95 0.11 -8.35	26.96 0.16 -6.78	26.13 0.21 -5.14	22.32 0.21 -4.51	19.53 0.19 -2.34	11.97 0.18 -3.63
GOUDEY___7 23579	9.23 0.13 -3.99	8.76 0.11 -3.55	8.35 0.11 -3.37	8.36 0.10 -3.52	8.65 0.11 -3.45	11.16 0.21 -3.20	12.88 0.19 -5.49	18.26 0.19 -3.64	19.53 0.17 -1.96	18.21 0.15 -1.12	18.01 0.13 -1.07	17.83 0.15 -1.15	17.87 0.14 -1.87	18.54 0.15 -3.04	19.00 0.15 -3.48	18.99 0.13 -4.82	20.09 0.11 -5.82	24.72 0.07 -9.70	26.97 0.13 -8.35	26.98 0.18 -6.78	26.15 0.23 -5.14	22.33 0.23 -4.51	19.55 0.20 -2.34	11.98 0.19 -3.63
GOUDEY___8 23580	9.22 0.12 -3.99	8.76 0.11 -3.55	8.34 0.11 -3.37	8.35 0.10 -3.52	8.65 0.10 -3.45	11.16 0.20 -3.20	12.87 0.18 -5.49	18.25 0.17 -3.64	19.51 0.16 -1.96	18.19 0.14 -1.12	17.99 0.12 -1.07	17.81 0.13 -1.15	17.85 0.13 -1.87	18.53 0.14 -3.04	18.99 0.14 -3.48	18.97 0.11 -4.82	20.08 0.10 -5.82	24.71 0.06 -9.70	26.95 0.11 -8.35	26.96 0.16 -6.78	26.13 0.21 -5.14	22.32 0.21 -4.51	19.53 0.19 -2.34	11.97 0.18 -3.63
GOWANUS_GT1_1 24077	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT1_2 24078	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23

GOWANUS_GT1_3 24079	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT1_4 24080	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT1_5 24084	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT1_6 24111	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT1_7 24112	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT1_8 24113	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_1 24114	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_2 24115	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_3 24116	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_4 24117	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_5 24118	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_6 24119	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_7 24120	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT2_8 24121	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_1 24122	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23

GOWANUS_GT3_2 24123	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_3 24124	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_4 24125	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_5 24126	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_6 24127	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_7 24128	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT3_8 24129	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.30 1.34 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_1 24130	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_2 24131	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_3 24132	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_4 24133	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_5 24134	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_6 24135	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_7 24136	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
GOWANUS_GT4_8 24137	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23

GREENBSH_115KV_TB3 55895	23.02 0.09 -17.83	21.04 0.09 -15.86	19.98 0.08 -15.03	20.54 0.08 -15.73	20.61 0.09 -15.43	22.18 0.14 -14.29	31.81 0.10 -24.50	30.89 0.19 -16.27	26.42 0.26 -8.76	22.10 0.27 -4.90	21.82 0.30 -4.72	21.92 0.31 -5.07	24.09 0.27 -7.97	28.19 0.26 -12.57	30.25 0.28 -14.60	34.55 0.27 -20.24	39.00 0.28 -24.55	55.59 0.28 -40.36	53.76 0.37 -34.91	48.80 0.40 -28.38	43.41 0.42 -22.21	37.40 0.35 -19.45	27.77 0.32 -10.44	24.51 0.14 -16.22
GREENDGE_115KV_TB5 80291	7.88 0.15 -2.62	7.56 0.13 -2.33	7.20 0.13 -2.20	7.16 0.12 -2.31	7.48 0.12 -2.26	10.12 0.27 -2.10	11.05 0.25 -3.59	17.01 0.19 -2.39	18.82 0.14 -1.28	17.77 0.10 -0.74	17.57 0.07 -0.70	17.38 0.10 -0.75	17.14 0.06 -1.22	17.42 0.09 -1.98	17.75 0.11 -2.27	17.27 0.08 -3.14	18.03 0.07 -3.80	21.32 0.04 -6.33	24.08 0.15 -5.45	24.65 0.20 -4.43	24.35 0.21 -3.36	20.76 0.21 -2.95	18.71 0.17 -1.53	10.76 0.22 -2.38
GREENIDGE___3 23582	7.88 0.15 -2.62	7.56 0.13 -2.33	7.20 0.13 -2.20	7.16 0.12 -2.31	7.48 0.12 -2.26	10.12 0.27 -2.10	11.05 0.25 -3.59	17.01 0.19 -2.39	18.82 0.14 -1.28	17.77 0.10 -0.74	17.57 0.07 -0.70	17.38 0.10 -0.75	17.14 0.06 -1.22	17.42 0.09 -1.98	17.75 0.11 -2.27	17.27 0.08 -3.14	18.03 0.07 -3.80	21.32 0.04 -6.33	24.08 0.15 -5.45	24.65 0.20 -4.43	24.35 0.21 -3.36	20.76 0.21 -2.95	18.71 0.17 -1.53	10.76 0.22 -2.38
GREENIDGE___4 23583	7.90 0.15 -2.64	7.58 0.13 -2.35	7.23 0.13 -2.23	7.18 0.12 -2.33	7.50 0.12 -2.29	10.15 0.27 -2.12	11.05 0.21 -3.63	17.05 0.20 -2.41	18.83 0.14 -1.30	17.77 0.10 -0.74	17.57 0.07 -0.71	17.39 0.10 -0.76	17.14 0.06 -1.22	17.41 0.09 -1.96	17.74 0.11 -2.26	17.26 0.08 -3.13	18.02 0.07 -3.79	21.28 0.04 -6.29	24.05 0.15 -5.42	24.58 0.20 -4.36	24.33 0.21 -3.34	20.74 0.21 -2.93	18.71 0.17 -1.54	10.76 0.22 -2.38
GREENLWN_69_KV_BK 3 55738	25.74 0.45 -20.18	21.21 0.45 -15.67	19.85 0.43 -14.55	19.77 0.42 -14.63	19.04 0.44 -13.51	21.53 0.70 -13.08	29.81 0.65 -21.95	32.19 1.33 -16.43	31.12 1.74 -11.99	29.48 1.74 -10.80	28.85 1.68 -10.37	28.85 1.59 -10.73	30.28 1.55 -12.87	31.64 1.50 -14.78	30.86 1.51 -13.98	33.52 1.18 -18.30	42.27 1.27 -26.84	53.44 1.40 -37.10	51.83 1.53 -31.81	47.57 1.72 -25.82	47.00 1.85 -24.37	35.89 1.48 -16.82	29.45 1.58 -10.86	28.32 0.78 -19.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.01 0.36 -14.55	18.39 0.36 -12.94	17.48 0.35 -12.26	17.90 0.33 -12.83	18.03 0.35 -12.59	19.95 0.54 -11.66	27.70 0.50 -19.99	28.72 1.01 -13.28	25.95 1.41 -7.15	22.50 1.41 -4.17	22.17 1.43 -3.95	22.18 1.41 -4.24	24.23 1.33 -7.04	28.31 1.32 -11.63	29.91 1.31 -13.24	33.49 1.15 -18.29	37.27 1.08 -22.03	53.37 1.33 -37.09	51.86 1.57 -31.80	47.45 1.60 -25.82	41.50 1.58 -19.14	35.72 1.30 -16.82	26.83 1.31 -8.51	22.03 0.64 -13.23
GRISSOM___SOLAR 323813	26.92 0.53 -21.29	24.52 0.49 -18.93	23.28 0.46 -17.95	23.97 0.45 -18.79	24.02 0.50 -18.42	25.65 0.84 -17.06	37.17 0.71 -29.25	35.28 1.42 -19.43	29.40 1.55 -10.46	24.25 1.44 -5.88	23.71 1.24 -5.66	23.97 1.36 -6.09	26.79 1.30 -9.63	31.94 1.29 -15.30	34.41 1.32 -17.72	39.92 1.33 -24.55	45.39 1.47 -29.76	65.72 1.69 -49.09	63.07 2.18 -42.40	56.83 2.42 -34.38	50.06 2.58 -26.70	43.08 2.09 -23.39	31.40 1.94 -12.46	28.33 0.82 -19.35
GROVEVILLE___HYD 323602	19.95 0.34 -14.50	18.34 0.35 -12.90	17.42 0.33 -12.23	17.85 0.32 -12.80	17.98 0.34 -12.55	19.90 0.53 -11.62	27.62 0.49 -19.93	28.60 0.94 -13.24	25.74 1.22 -7.12	22.28 1.20 -4.15	21.92 1.19 -3.93	21.96 1.21 -4.22	24.01 1.16 -7.00	27.98 1.07 -11.55	29.67 1.15 -13.15	33.27 1.05 -18.17	37.09 1.03 -21.89	52.80 1.03 -36.83	51.39 1.31 -31.59	47.15 1.48 -25.65	41.34 1.52 -19.04	35.58 1.25 -16.73	26.68 1.19 -8.49	21.93 0.58 -13.19
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	6.61 0.02 -1.49	6.43 0.01 -1.32	6.12 0.00 -1.25	6.04 -0.01 -1.31	6.37 -0.01 -1.29	8.98 0.03 -1.19	9.28 0.03 -2.05	15.72 -0.07 -1.36	18.01 -0.12 -0.73	17.23 -0.12 -0.42	17.08 -0.12 -0.40	16.88 -0.08 -0.43	16.46 -0.10 -0.69	16.40 -0.08 -1.13	16.58 -0.08 -1.29	15.76 -0.07 -1.79	16.24 -0.08 -2.16	18.44 -0.10 -3.60	21.51 -0.07 -3.10	22.48 -0.06 -2.52	22.63 -0.06 -1.91	19.24 -0.04 -1.68	17.82 -0.05 -0.87	9.55 0.04 -1.35
HAMLTNNY_34_KV_TB 80303	6.71 0.03 -1.57	6.51 0.02 -1.39	6.21 0.01 -1.32	6.13 0.01 -1.38	6.46 0.01 -1.36	9.08 0.07 -1.26	9.42 0.06 -2.16	15.86 0.00 -1.43	18.13 -0.03 -0.77	17.32 -0.05 -0.44	17.17 -0.05 -0.42	16.93 -0.05 -0.45	16.54 -0.05 -0.73	16.52 -0.02 -1.19	16.72 -0.02 -1.36	15.90 -0.03 -1.88	16.41 -0.03 -2.28	18.68 -0.06 -3.79	21.73 -0.02 -3.26	22.69 0.02 -2.65	22.80 0.00 -2.01	19.40 0.04 -1.77	17.92 0.00 -0.92	9.66 0.07 -1.43
HAMPSHIRE___PAPER_HYD 323593	5.25 -0.27 -0.40	5.19 -0.27 -0.36	4.95 -0.26 -0.34	4.84 -0.25 -0.36	5.19 -0.25 -0.35	7.70 -0.38 -0.32	7.43 -0.33 -0.55	14.42 -0.38 -0.37	17.00 -0.59 -0.20	16.47 -0.58 -0.11	16.34 -0.57 -0.11	16.02 -0.63 -0.12	15.47 -0.57 -0.18	15.07 -0.58 -0.30	15.11 -0.60 -0.34	13.97 -0.55 -0.47	14.24 -0.50 -0.57	15.48 -0.42 -0.95	18.77 -0.54 -0.82	20.09 -0.60 -0.67	20.75 -0.54 -0.51	17.54 -0.51 -0.45	16.82 -0.42 -0.23	8.17 -0.36 -0.37
HARDSCRABBLE_WT_PWR 323673	5.03 -0.08 0.00	5.02 -0.08 0.00	4.79 -0.08 0.00	4.65 -0.09 0.00	5.02 -0.08 0.00	7.66 -0.09 0.00	7.11 -0.10 0.00	14.20 -0.23 0.00	17.12 -0.28 0.00	16.66 -0.27 0.00	16.51 -0.29 0.00	16.28 -0.25 0.00	15.56 -0.30 0.00	15.03 -0.32 0.00	15.02 -0.35 0.00	13.69 -0.35 0.00	13.82 -0.34 0.00	14.57 -0.37 0.00	18.08 -0.41 0.00	19.62 -0.40 0.00	20.45 -0.33 0.00	17.41 -0.19 0.00	16.82 -0.19 0.00	8.09 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.55 0.33 -13.11	17.08 0.33 -11.66	16.23 0.31 -11.06	16.60 0.30 -11.57	16.76 0.32 -11.35	18.77 0.50 -10.51	25.70 0.48 -18.02	27.29 0.89 -11.97	25.00 1.17 -6.44	21.83 1.15 -3.75	21.50 1.14 -3.56	21.54 1.19 -3.82	23.28 1.09 -6.33	26.83 1.03 -10.45	28.35 1.08 -11.90	31.49 1.00 -16.45	34.93 0.96 -19.81	49.26 0.99 -33.33	48.28 1.20 -28.59	44.59 1.36 -23.21	39.42 1.41 -17.23	33.90 1.16 -15.14	25.77 1.09 -7.68	20.63 0.55 -11.93
HARSNRAD_115KV_TB1 81005	7.32 0.11 -2.10	7.05 0.08 -1.87	6.73 0.09 -1.77	6.67 0.09 -1.86	6.98 0.07 -1.82	9.63 0.19 -1.69	10.15 0.05 -2.89	15.79 -0.56 -1.92	17.63 -0.80 -1.03	16.71 -0.81 -0.59	16.54 -0.82 -0.56	16.36 -0.78 -0.61	16.11 -0.73 -0.98	16.24 -0.71 -1.59	16.50 -0.69 -1.83	15.90 -0.67 -2.53	16.52 -0.69 -3.05	19.18 -0.85 -5.09	21.76 -1.11 -4.38	22.40 -1.18 -3.56	22.32 -1.16 -2.70	19.09 -0.88 -2.37	17.45 -0.78 -1.23	10.04 -0.03 -1.91
HARZA MOOSE___RIVER 24016	5.52 0.01 -0.40	5.45 0.00 -0.36	5.20 0.00 -0.34	5.08 -0.01 -0.35	5.44 0.01 -0.35	8.12 0.05 -0.32	7.82 0.06 -0.55	14.88 0.09 -0.37	17.61 0.02 -0.20	17.04 0.00 -0.11	16.89 -0.02 -0.11	16.61 -0.03 -0.12	16.00 -0.05 -0.19	15.59 -0.06 -0.30	15.62 -0.09 -0.35	14.45 -0.07 -0.48	14.73 -0.01 -0.58	15.97 0.06 -0.97	19.47 0.15 -0.83	20.84 0.14 -0.68	21.59 0.29 -0.51	18.30 0.25 -0.45	17.44 0.20 -0.23	8.58 0.06 -0.37

HDSNBRDG_115KV_BRDG_TB1 355580	6.52 -0.01 -1.43	6.34 -0.02 -1.27	6.05 -0.02 -1.20	5.96 -0.03 -1.26	6.29 -0.03 -1.23	8.89 -0.01 -1.14	9.16 0.00 -1.96	15.59 -0.14 -1.30	17.89 -0.21 -0.70	17.13 -0.20 -0.40	16.98 -0.20 -0.38	16.78 -0.17 -0.41	16.35 -0.17 -0.67	16.29 -0.14 -1.08	16.47 -0.14 -1.24	15.63 -0.13 -1.71	16.08 -0.16 -2.07	18.20 -0.19 -3.45	21.27 -0.18 -2.97	22.25 -0.18 -2.41	22.43 -0.19 -1.83	19.06 -0.14 -1.61	17.69 -0.15 -0.83	9.45 -0.01 -1.30
HELLGATE_13_KV_LD 55870	20.00 0.34 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.89 0.32 -12.83	18.01 0.34 -12.59	19.93 0.52 -11.66	27.68 0.49 -19.99	28.67 0.97 -13.28	25.90 1.36 -7.15	22.47 1.37 -4.17	22.14 1.39 -3.95	22.14 1.37 -4.24	24.20 1.30 -7.04	28.26 1.27 -11.63	29.88 1.28 -13.24	33.46 1.12 -18.29	37.24 1.05 -22.03	53.29 1.26 -37.09	51.77 1.48 -31.80	47.35 1.50 -25.82	41.42 1.50 -19.14	35.63 1.21 -16.82	26.76 1.24 -8.51	22.00 0.61 -13.23
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.00 0.34 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.89 0.32 -12.83	18.01 0.34 -12.59	19.93 0.52 -11.66	27.68 0.49 -19.99	28.67 0.97 -13.28	25.90 1.36 -7.15	22.47 1.37 -4.17	22.14 1.39 -3.95	22.14 1.37 -4.24	24.20 1.30 -7.04	28.26 1.27 -11.63	29.88 1.28 -13.24	33.46 1.12 -18.29	37.24 1.05 -22.03	53.29 1.26 -37.09	51.77 1.48 -31.80	47.35 1.50 -25.82	41.42 1.50 -19.14	35.63 1.21 -16.82	26.76 1.24 -8.51	22.00 0.61 -13.23
HEMPSTEAD____ 23647	25.77 0.39 -20.28	21.19 0.39 -15.71	19.83 0.37 -14.58	19.74 0.36 -14.65	18.99 0.39 -13.51	21.45 0.61 -13.09	29.78 0.61 -21.97	31.99 1.14 -16.42	30.91 1.53 -11.98	29.25 1.52 -10.80	28.64 1.48 -10.37	28.66 1.40 -10.73	30.10 1.38 -12.86	31.43 1.32 -14.76	30.66 1.34 -13.96	33.39 1.08 -18.27	42.11 1.15 -26.80	53.20 1.24 -37.02	51.62 1.39 -31.74	47.35 1.52 -25.81	46.77 1.62 -24.37	35.75 1.34 -16.81	29.25 1.38 -10.86	28.23 0.68 -19.39
HEWLETT__69_KV_BK3 55828	25.30 0.44 -19.75	21.00 0.44 -15.46	19.67 0.43 -14.38	19.64 0.42 -14.49	18.97 0.44 -13.44	21.41 0.69 -12.97	29.64 0.63 -21.80	32.10 1.24 -16.43	31.02 1.64 -11.99	29.38 1.64 -10.80	28.77 1.60 -10.37	28.83 1.57 -10.73	30.24 1.51 -12.87	31.59 1.46 -14.78	30.82 1.48 -13.98	33.56 1.22 -18.30	42.22 1.22 -26.84	53.39 1.35 -37.10	51.77 1.48 -31.81	47.49 1.64 -25.82	46.92 1.77 -24.37	35.82 1.41 -16.82	29.38 1.51 -10.86	28.28 0.73 -19.39
HICKLING___1 23621	8.62 0.21 -3.30	8.22 0.19 -2.94	7.84 0.19 -2.79	7.82 0.17 -2.92	8.13 0.18 -2.86	10.75 0.35 -2.65	12.06 0.31 -4.54	17.78 0.33 -3.02	19.35 0.33 -1.62	18.15 0.29 -0.93	17.94 0.25 -0.89	17.75 0.26 -0.95	17.69 0.29 -1.54	18.16 0.31 -2.50	18.55 0.31 -2.87	18.28 0.27 -3.97	19.18 0.21 -4.80	23.11 0.16 -8.00	25.63 0.26 -6.89	25.94 0.32 -5.59	25.40 0.37 -4.24	21.66 0.33 -3.72	19.26 0.32 -1.93	11.48 0.32 -3.01
HICKLING___2 23622	8.62 0.21 -3.30	8.22 0.19 -2.94	7.84 0.19 -2.79	7.82 0.17 -2.92	8.13 0.18 -2.86	10.75 0.35 -2.65	12.06 0.31 -4.54	17.78 0.33 -3.02	19.35 0.33 -1.62	18.15 0.29 -0.93	17.94 0.25 -0.89	17.75 0.26 -0.95	17.69 0.29 -1.54	18.16 0.31 -2.50	18.55 0.31 -2.87	18.28 0.27 -3.97	19.18 0.21 -4.80	23.11 0.16 -8.00	25.63 0.26 -6.89	25.94 0.32 -5.59	25.40 0.37 -4.24	21.66 0.33 -3.72	19.26 0.32 -1.93	11.48 0.32 -3.01
HIGH FALLS___HY 23754	18.70 0.36 -13.24	17.24 0.37 -11.77	16.38 0.35 -11.16	16.75 0.34 -11.68	16.90 0.35 -11.46	18.92 0.55 -10.61	25.93 0.53 -18.19	27.45 0.94 -12.08	25.12 1.22 -6.50	21.86 1.17 -3.76	21.54 1.16 -3.58	21.58 1.21 -3.84	23.25 1.08 -6.32	26.83 1.12 -10.36	28.30 1.11 -11.82	31.39 1.00 -16.35	34.84 0.96 -19.71	48.97 0.97 -33.05	48.11 1.24 -28.38	44.49 1.42 -23.05	39.63 1.60 -17.25	34.06 1.32 -15.14	25.98 1.22 -7.75	20.81 0.61 -12.04
HILLBURN___GT 23639	18.57 0.33 -13.14	17.11 0.33 -11.68	16.25 0.31 -11.08	16.63 0.30 -11.59	16.78 0.32 -11.37	18.79 0.50 -10.53	25.72 0.46 -18.06	27.29 0.87 -11.99	25.02 1.17 -6.45	21.86 1.17 -3.76	21.54 1.18 -3.57	21.59 1.22 -3.83	23.32 1.11 -6.35	26.89 1.06 -10.48	28.39 1.09 -11.93	31.51 0.98 -16.49	34.96 0.95 -19.85	49.36 1.02 -33.40	48.33 1.20 -28.65	44.63 1.30 -23.31	39.45 1.35 -17.31	33.92 1.11 -15.21	25.78 1.05 -7.72	20.68 0.52 -12.00
HILLSIDE_115KV_TB1 80332	8.64 0.13 -3.40	8.24 0.12 -3.03	7.85 0.12 -2.87	7.84 0.11 -3.00	8.14 0.11 -2.94	10.71 0.23 -2.73	12.07 0.19 -4.67	17.62 0.09 -3.10	19.10 0.03 -1.67	17.90 0.02 -0.96	17.70 -0.02 -0.91	17.53 0.02 -0.98	17.46 0.02 -1.59	17.96 0.03 -2.58	18.37 0.05 -2.96	18.16 0.03 -4.09	19.08 -0.03 -4.94	23.09 -0.09 -8.24	25.48 -0.09 -7.09	25.72 -0.06 -5.76	25.13 -0.02 -4.37	21.45 0.02 -3.83	19.01 0.02 -1.99	11.41 0.16 -3.09
HISHELDN_WT_PWR 323625	7.67 0.12 -2.44	7.36 0.09 -2.17	7.03 0.11 -2.06	6.98 0.10 -2.15	7.29 0.09 -2.11	9.93 0.22 -1.96	10.64 0.08 -3.35	16.37 -0.29 -2.23	18.14 -0.45 -1.20	17.14 -0.47 -0.68	16.96 -0.49 -0.65	16.79 -0.45 -0.70	16.56 -0.43 -1.13	16.76 -0.40 -1.81	17.06 -0.40 -2.09	16.52 -0.41 -2.89	17.23 -0.42 -3.49	20.21 -0.54 -5.80	22.80 -0.68 -5.00	23.30 -0.72 -4.00	23.16 -0.69 -3.06	19.75 -0.53 -2.68	17.95 -0.46 -1.41	10.40 0.06 -2.19
HOLTSVILLE_IC_1 23690	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.15 0.45 -13.61	21.69 0.70 -13.24	30.11 0.74 -22.17	32.23 1.39 -16.42	31.12 1.74 -11.98	29.47 1.74 -10.80	28.81 1.65 -10.37	28.79 1.54 -10.73	30.23 1.51 -12.86	31.57 1.46 -14.76	30.77 1.44 -13.96	33.42 1.11 -18.27	42.18 1.22 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.84 1.42 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39
HOLTSVILLE_IC_10 23699	26.42 0.46 -20.85	21.56 0.47 -15.99	20.14 0.45 -14.82	20.01 0.44 -14.83	19.17 0.47 -13.61	21.73 0.74 -13.24	30.16 0.79 -22.17	32.33 1.49 -16.42	31.24 1.86 -11.98	29.57 1.85 -10.80	28.93 1.76 -10.37	28.88 1.62 -10.73	30.34 1.62 -12.86	31.66 1.55 -14.76	30.88 1.55 -13.96	33.53 1.22 -18.27	42.31 1.35 -26.80	53.46 1.49 -37.02	51.86 1.63 -31.74	47.67 1.84 -25.81	47.17 2.02 -24.37	36.00 1.58 -16.82	29.57 1.70 -10.86	28.38 0.83 -19.39
HOLTSVILLE_IC_2 23691	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.15 0.45 -13.61	21.69 0.70 -13.24	30.11 0.74 -22.17	32.23 1.39 -16.42	31.12 1.74 -11.98	29.47 1.74 -10.80	28.81 1.65 -10.37	28.79 1.54 -10.73	30.23 1.51 -12.86	31.57 1.46 -14.76	30.77 1.44 -13.96	33.42 1.11 -18.27	42.18 1.22 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.84 1.42 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39
HOLTSVILLE_IC_3 23692	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.15 0.45 -13.61	21.69 0.70 -13.24	30.11 0.74 -22.17	32.23 1.39 -16.42	31.12 1.74 -11.98	29.47 1.74 -10.80	28.81 1.65 -10.37	28.79 1.54 -10.73	30.23 1.51 -12.86	31.57 1.46 -14.76	30.77 1.44 -13.96	33.42 1.11 -18.27	42.18 1.22 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.84 1.42 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39

HOLTSVILLE_IC_4 23693	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.15 0.45 -13.61	21.69 0.70 -13.24	30.11 0.74 -22.17	32.23 1.39 -16.42	31.12 1.74 -11.98	29.47 1.74 -10.80	28.81 1.65 -10.37	28.79 1.54 -10.73	30.23 1.51 -12.86	31.57 1.46 -14.76	30.77 1.44 -13.96	33.42 1.11 -18.27	42.18 1.22 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.84 1.42 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39
HOLTSVILLE_IC_5 23694	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.15 0.45 -13.61	21.69 0.70 -13.24	30.11 0.74 -22.17	32.23 1.39 -16.42	31.12 1.74 -11.98	29.47 1.74 -10.80	28.81 1.65 -10.37	28.79 1.54 -10.73	30.23 1.51 -12.86	31.57 1.46 -14.76	30.77 1.44 -13.96	33.42 1.11 -18.27	42.18 1.22 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.84 1.42 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39
HOLTSVILLE_IC_6 23695	26.42 0.46 -20.85	21.56 0.47 -15.99	20.14 0.45 -14.82	20.01 0.44 -14.83	19.17 0.47 -13.61	21.73 0.74 -13.24	30.16 0.79 -22.17	32.33 1.49 -16.42	31.24 1.86 -11.98	29.57 1.85 -10.80	28.93 1.76 -10.37	28.88 1.62 -10.73	30.34 1.62 -12.86	31.66 1.55 -14.76	30.88 1.55 -13.96	33.53 1.22 -18.27	42.31 1.35 -26.80	53.46 1.49 -37.02	51.86 1.63 -31.74	47.67 1.84 -25.81	47.17 2.02 -24.37	36.00 1.58 -16.82	29.57 1.70 -10.86	28.38 0.83 -19.39
HOLTSVILLE_IC_7 23696	26.42 0.46 -20.85	21.56 0.47 -15.99	20.14 0.45 -14.82	20.01 0.44 -14.83	19.17 0.47 -13.61	21.73 0.74 -13.24	30.16 0.79 -22.17	32.33 1.49 -16.42	31.24 1.86 -11.98	29.57 1.85 -10.80	28.93 1.76 -10.37	28.88 1.62 -10.73	30.34 1.62 -12.86	31.66 1.55 -14.76	30.88 1.55 -13.96	33.53 1.22 -18.27	42.31 1.35 -26.80	53.46 1.49 -37.02	51.86 1.63 -31.74	47.67 1.84 -25.81	47.17 2.02 -24.37	36.00 1.58 -16.82	29.57 1.70 -10.86	28.38 0.83 -19.39
HOLTSVILLE_IC_8 23697	26.42 0.46 -20.85	21.56 0.47 -15.99	20.14 0.45 -14.82	20.01 0.44 -14.83	19.17 0.47 -13.61	21.73 0.74 -13.24	30.16 0.79 -22.17	32.33 1.49 -16.42	31.24 1.86 -11.98	29.57 1.85 -10.80	28.93 1.76 -10.37	28.88 1.62 -10.73	30.34 1.62 -12.86	31.66 1.55 -14.76	30.88 1.55 -13.96	33.53 1.22 -18.27	42.31 1.35 -26.80	53.46 1.49 -37.02	51.86 1.63 -31.74	47.67 1.84 -25.81	47.17 2.02 -24.37	36.00 1.58 -16.82	29.57 1.70 -10.86	28.38 0.83 -19.39
HOLTSVILLE_IC_9 23698	26.42 0.46 -20.85	21.56 0.47 -15.99	20.14 0.45 -14.82	20.01 0.44 -14.83	19.17 0.47 -13.61	21.73 0.74 -13.24	30.16 0.79 -22.17	32.33 1.49 -16.42	31.24 1.86 -11.98	29.57 1.85 -10.80	28.93 1.76 -10.37	28.88 1.62 -10.73	30.34 1.62 -12.86	31.66 1.55 -14.76	30.88 1.55 -13.96	33.53 1.22 -18.27	42.31 1.35 -26.80	53.46 1.49 -37.02	51.86 1.63 -31.74	47.67 1.84 -25.81	47.17 2.02 -24.37	36.00 1.58 -16.82	29.57 1.70 -10.86	28.38 0.83 -19.39
HOMER_HL_115KV_TB2 355744	7.86 0.11 -2.65	7.53 0.08 -2.36	7.19 0.09 -2.23	7.15 0.08 -2.34	7.45 0.07 -2.29	10.07 0.19 -2.12	10.98 0.13 -3.64	16.68 -0.17 -2.42	18.37 -0.33 -1.30	17.34 -0.34 -0.74	17.12 -0.39 -0.71	16.95 -0.35 -0.76	16.76 -0.33 -1.24	17.05 -0.31 -2.00	17.38 -0.29 -2.30	16.92 -0.31 -3.18	17.65 -0.35 -3.85	20.88 -0.48 -6.41	23.36 -0.65 -5.52	23.84 -0.66 -4.48	23.60 -0.58 -3.40	20.09 -0.49 -2.98	18.11 -0.44 -1.55	10.59 0.02 -2.41
HOWARD_WT_PWR 323690	8.15 0.24 -2.81	7.80 0.21 -2.50	7.44 0.21 -2.37	7.40 0.19 -2.48	7.71 0.19 -2.43	10.40 0.40 -2.25	11.37 0.31 -3.86	17.28 0.29 -2.56	19.00 0.23 -1.38	17.90 0.19 -0.78	17.68 0.13 -0.75	17.52 0.18 -0.81	17.30 0.14 -1.30	17.61 0.17 -2.08	17.94 0.17 -2.40	17.51 0.14 -3.32	18.28 0.10 -4.02	21.68 0.06 -6.67	24.40 0.17 -5.75	24.86 0.22 -4.62	24.59 0.27 -3.53	20.94 0.25 -3.10	18.87 0.24 -1.62	10.99 0.31 -2.52
HQ_GEN_CEDARS 23644	4.98 -0.22 -0.10	4.97 -0.21 -0.09	4.75 -0.20 -0.08	4.62 -0.19 -0.08	4.98 -0.20 -0.08	7.48 -0.35 -0.08	7.04 -0.30 -0.13	14.42 -0.10 -0.09	17.22 -0.23 -0.05	16.75 -0.20 -0.03	16.64 -0.18 -0.03	16.36 -0.20 -0.03	15.71 -0.19 -0.04	15.22 -0.20 -0.07	15.24 -0.22 -0.08	13.98 -0.18 -0.11	14.14 -0.16 -0.14	15.08 -0.09 -0.23	18.39 -0.30 -0.20	19.82 -0.36 -0.16	20.49 -0.42 -0.12	17.30 -0.40 -0.11	16.84 -0.22 -0.06	7.90 -0.35 -0.09
HQ_GEN_CEDARS_PROXY 323590	4.89 -0.22 0.00	4.88 -0.21 0.00	4.66 -0.20 0.00	4.54 -0.19 0.00	4.89 -0.20 0.00	7.41 -0.35 0.00	6.90 -0.30 0.00	14.33 -0.10 0.00	17.17 -0.23 0.00	16.73 -0.20 0.00	16.62 -0.18 0.00	16.33 -0.20 0.00	15.67 -0.19 0.00	15.15 -0.20 0.00	15.15 -0.22 0.00	13.86 -0.18 0.00	14.01 -0.16 0.00	14.86 -0.09 0.00	18.19 -0.30 0.00	19.66 -0.36 0.00	20.37 -0.42 0.00	17.19 -0.40 0.00	16.78 -0.22 0.00	7.81 -0.35 0.00
HQ_GEN_IMPORT 323601	5.00 -0.11 0.00	5.00 -0.10 0.00	4.78 -0.09 0.00	4.64 -0.09 0.00	5.00 -0.09 0.00	7.58 -0.17 0.00	7.05 -0.15 0.00	14.23 -0.20 0.00	17.14 -0.26 0.00	16.69 -0.24 0.00	16.56 -0.24 0.00	16.28 -0.25 0.00	15.62 -0.24 0.00	15.12 -0.23 0.00	15.14 -0.23 0.00	13.83 -0.21 0.00	13.96 -0.20 0.00	14.75 -0.19 0.00	18.23 -0.26 0.00	19.72 -0.30 0.00	20.45 -0.33 0.00	17.30 -0.30 0.00	16.73 -0.27 0.00	7.98 -0.18 0.00
HQ_GEN_WHEEL 23651	5.00 -0.11 0.00	5.00 -0.10 0.00	4.78 -0.09 0.00	4.64 -0.09 0.00	5.00 -0.09 0.00	7.58 -0.17 0.00	7.05 -0.15 0.00	14.23 -0.20 0.00	17.14 -0.26 0.00	16.69 -0.24 0.00	16.56 -0.24 0.00	16.28 -0.25 0.00	15.62 -0.24 0.00	15.12 -0.23 0.00	15.14 -0.23 0.00	13.83 -0.21 0.00	13.96 -0.20 0.00	14.75 -0.19 0.00	18.23 -0.26 0.00	19.72 -0.30 0.00	20.45 -0.33 0.00	17.30 -0.30 0.00	16.73 -0.27 0.00	7.98 -0.18 0.00
HUDSON_AVE_GT_3 23810	19.98 0.34 -14.53	18.36 0.35 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.70 0.53 -19.97	28.72 1.02 -13.26	25.94 1.41 -7.14	22.52 1.42 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.27 1.30 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.24 1.09 -21.98	53.23 1.27 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.48 1.56 -19.13	35.68 1.27 -16.81	26.78 1.26 -8.52	22.00 0.61 -13.23
HUDSON_AVE_GT_4 23540	19.98 0.34 -14.53	18.36 0.35 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.70 0.53 -19.97	28.72 1.02 -13.26	25.94 1.41 -7.14	22.52 1.42 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.27 1.30 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.24 1.09 -21.98	53.23 1.27 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.48 1.56 -19.13	35.68 1.27 -16.81	26.78 1.26 -8.52	22.00 0.61 -13.23
HUDSON_AVE_GT_5 23657	19.98 0.34 -14.53	18.36 0.35 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.70 0.53 -19.97	28.72 1.02 -13.26	25.94 1.41 -7.14	22.52 1.42 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.27 1.30 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.24 1.09 -21.98	53.23 1.27 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.48 1.56 -19.13	35.68 1.27 -16.81	26.78 1.26 -8.52	22.00 0.61 -13.23

HUDSON_AVE_10 24168	19.98 0.33 -14.55	18.36 0.33 -12.93	17.45 0.32 -12.26	17.87 0.31 -12.83	18.00 0.33 -12.59	19.94 0.53 -11.66	27.69 0.50 -19.99	28.70 1.00 -13.28	25.93 1.39 -7.15	22.50 1.41 -4.17	22.12 1.38 -3.95	22.13 1.36 -4.24	24.18 1.28 -7.04	28.24 1.26 -11.63	29.87 1.26 -13.24	33.45 1.11 -18.29	37.24 1.05 -22.03	53.28 1.24 -37.09	51.75 1.46 -31.80	47.34 1.50 -25.82	41.42 1.50 -19.14	35.63 1.21 -16.82	26.74 1.22 -8.51	21.97 0.59 -13.23
HUDSON___115KV_TB 4 355613	22.58 0.15 -17.32	20.65 0.15 -15.40	19.61 0.14 -14.60	20.15 0.13 -15.28	20.23 0.15 -14.99	21.88 0.24 -13.88	31.22 0.21 -23.80	30.64 0.40 -15.81	26.39 0.49 -8.51	22.16 0.44 -4.79	21.85 0.45 -4.60	21.92 0.45 -4.94	24.10 0.41 -7.83	28.22 0.43 -12.44	30.26 0.49 -14.40	34.46 0.46 -19.95	38.79 0.45 -24.18	55.27 0.43 -39.89	53.57 0.63 -34.46	48.77 0.74 -28.01	43.31 0.79 -21.74	37.26 0.62 -19.05	27.72 0.58 -10.14	24.16 0.24 -15.75
HUNTER MOUNT___DRP 323613	21.79 0.15 -16.53	19.95 0.15 -14.70	18.94 0.14 -13.93	19.45 0.13 -14.58	19.55 0.15 -14.30	21.24 0.24 -13.24	30.13 0.21 -22.71	29.95 0.43 -15.08	26.02 0.50 -8.12	21.97 0.44 -4.60	21.64 0.44 -4.41	21.71 0.45 -4.74	23.83 0.41 -7.56	27.92 0.46 -12.10	29.88 0.54 -13.97	33.89 0.51 -19.34	38.01 0.44 -23.41	54.09 0.37 -38.78	52.53 0.59 -33.45	47.96 0.76 -27.18	42.51 0.81 -20.92	36.59 0.65 -18.34	27.27 0.60 -9.67	23.43 0.24 -15.03
HUNTINGTON_RES_REC 323705	26.41 0.45 -20.85	21.54 0.46 -15.98	20.12 0.44 -14.82	19.99 0.43 -14.83	19.15 0.45 -13.61	21.71 0.71 -13.24	30.12 0.74 -22.17	32.26 1.42 -16.42	31.19 1.81 -11.98	29.54 1.81 -10.80	28.90 1.73 -10.37	28.84 1.59 -10.73	30.32 1.60 -12.86	31.65 1.54 -14.76	30.85 1.52 -13.96	33.52 1.21 -18.27	42.27 1.32 -26.79	53.43 1.47 -37.02	51.82 1.59 -31.74	47.63 1.80 -25.81	47.10 1.95 -24.37	35.96 1.55 -16.81	29.52 1.65 -10.86	28.36 0.81 -19.39
HUNTLEY___63 23557	7.42 0.13 -2.18	7.13 0.10 -1.94	6.82 0.11 -1.84	6.76 0.10 -1.92	7.06 0.08 -1.89	9.71 0.21 -1.75	10.28 0.08 -3.00	15.92 -0.51 -1.99	17.79 -0.68 -1.07	16.85 -0.69 -0.61	16.68 -0.71 -0.58	16.51 -0.64 -0.63	16.27 -0.60 -1.02	16.40 -0.60 -1.65	16.66 -0.60 -1.89	16.07 -0.59 -2.62	16.73 -0.59 -3.16	19.47 -0.75 -5.27	22.06 -0.96 -4.54	22.67 -1.04 -3.69	22.56 -1.02 -2.80	19.26 -0.79 -2.45	17.60 -0.68 -1.28	10.13 -0.01 -1.98
HUNTLEY___64 23558	7.42 0.13 -2.18	7.13 0.10 -1.94	6.82 0.11 -1.84	6.76 0.10 -1.92	7.06 0.08 -1.89	9.71 0.21 -1.75	10.28 0.08 -3.00	15.92 -0.51 -1.99	17.79 -0.68 -1.07	16.85 -0.69 -0.61	16.68 -0.71 -0.58	16.51 -0.64 -0.63	16.27 -0.60 -1.02	16.40 -0.60 -1.65	16.66 -0.60 -1.89	16.07 -0.59 -2.62	16.73 -0.59 -3.16	19.47 -0.75 -5.27	22.06 -0.96 -4.54	22.67 -1.04 -3.69	22.56 -1.02 -2.80	19.26 -0.79 -2.45	17.60 -0.68 -1.28	10.13 -0.01 -1.98
HUNTLEY___65 23559	7.42 0.13 -2.18	7.13 0.10 -1.94	6.82 0.11 -1.84	6.76 0.10 -1.92	7.06 0.08 -1.89	9.71 0.21 -1.75	10.28 0.08 -3.00	15.92 -0.51 -1.99	17.79 -0.68 -1.07	16.85 -0.69 -0.61	16.68 -0.71 -0.58	16.51 -0.64 -0.63	16.27 -0.60 -1.02	16.40 -0.60 -1.65	16.66 -0.60 -1.89	16.07 -0.59 -2.62	16.73 -0.59 -3.16	19.47 -0.75 -5.27	22.06 -0.96 -4.54	22.67 -1.04 -3.69	22.56 -1.02 -2.80	19.26 -0.79 -2.45	17.60 -0.68 -1.28	10.13 -0.01 -1.98
HUNTLEY___66 23560	7.42 0.13 -2.18	7.13 0.10 -1.94	6.82 0.11 -1.84	6.76 0.10 -1.92	7.06 0.08 -1.89	9.71 0.21 -1.75	10.28 0.08 -3.00	15.92 -0.51 -1.99	17.79 -0.68 -1.07	16.85 -0.69 -0.61	16.68 -0.71 -0.58	16.51 -0.64 -0.63	16.27 -0.60 -1.02	16.40 -0.60 -1.65	16.66 -0.60 -1.89	16.07 -0.59 -2.62	16.73 -0.59 -3.16	19.47 -0.75 -5.27	22.06 -0.96 -4.54	22.67 -1.04 -3.69	22.56 -1.02 -2.80	19.26 -0.79 -2.45	17.60 -0.68 -1.28	10.13 -0.01 -1.98
HUNTLEY___67 23561	7.46 0.10 -2.25	7.18 0.08 -2.00	6.86 0.09 -1.90	6.80 0.08 -1.99	7.10 0.06 -1.95	9.74 0.18 -1.81	10.36 0.06 -3.10	15.98 -0.51 -2.06	17.77 -0.73 -1.11	16.84 -0.73 -0.63	16.67 -0.74 -0.60	16.48 -0.69 -0.65	16.26 -0.65 -1.05	16.43 -0.63 -1.70	16.71 -0.61 -1.96	16.15 -0.60 -2.71	16.81 -0.62 -3.27	19.63 -0.76 -5.45	22.18 -1.00 -4.69	22.75 -1.08 -3.81	22.64 -1.04 -2.89	19.33 -0.81 -2.54	17.61 -0.71 -1.32	10.18 -0.02 -2.05
HUNTLEY___68 23562	7.46 0.10 -2.25	7.18 0.08 -2.00	6.86 0.09 -1.90	6.80 0.08 -1.99	7.10 0.06 -1.95	9.74 0.18 -1.81	10.36 0.06 -3.10	15.98 -0.51 -2.06	17.77 -0.73 -1.11	16.84 -0.73 -0.63	16.67 -0.74 -0.60	16.48 -0.69 -0.65	16.26 -0.65 -1.05	16.43 -0.63 -1.70	16.71 -0.61 -1.96	16.15 -0.60 -2.71	16.81 -0.62 -3.27	19.63 -0.76 -5.45	22.18 -1.00 -4.69	22.75 -1.08 -3.81	22.64 -1.04 -2.89	19.33 -0.81 -2.54	17.61 -0.71 -1.32	10.18 -0.02 -2.05
HYLAND___LFGE 323620	7.80 0.32 -2.37	7.49 0.29 -2.11	7.14 0.27 -2.00	7.08 0.26 -2.09	7.41 0.26 -2.05	10.18 0.52 -1.90	10.87 0.40 -3.26	17.07 0.48 -2.16	18.84 0.28 -1.17	17.66 0.07 -0.66	17.45 0.02 -0.63	17.00 -0.22 -0.68	16.84 -0.11 -1.09	17.10 -0.02 -1.76	17.46 0.06 -2.03	16.89 0.04 -2.81	17.57 0.01 -3.40	20.79 0.21 -5.64	23.71 0.37 -4.86	24.53 0.62 -3.89	24.41 0.65 -2.98	20.84 0.63 -2.61	18.97 0.59 -1.37	10.79 0.51 -2.13
INDECK___CORINTH 23802	24.10 0.20 -18.79	21.99 0.18 -16.71	20.87 0.16 -15.84	21.47 0.16 -16.58	21.53 0.18 -16.26	23.12 0.30 -15.06	33.37 0.34 -25.82	32.25 0.66 -17.15	27.43 0.80 -9.23	22.83 0.74 -5.15	22.50 0.71 -4.99	22.60 0.71 -5.36	25.04 0.78 -8.40	29.37 0.78 -13.23	31.01 0.26 -15.38	35.64 0.28 -21.32	40.37 0.31 -25.89	57.84 0.37 -42.52	55.80 0.52 -36.79	50.42 0.58 -29.82	44.81 0.65 -23.39	38.57 0.49 -20.48	28.97 0.95 -11.01	25.65 0.38 -17.11
INDECK___ILION 23567	5.15 -0.02 -0.06	5.13 -0.02 -0.06	4.90 -0.02 -0.05	4.76 -0.02 -0.06	5.13 -0.02 -0.06	7.80 -0.01 -0.05	7.29 -0.01 -0.09	14.42 -0.07 -0.06	17.34 -0.09 -0.03	16.85 -0.10 -0.02	16.72 -0.10 -0.02	16.45 -0.10 -0.02	15.78 -0.11 -0.03	15.29 -0.11 -0.05	15.28 -0.14 -0.05	13.99 -0.13 -0.07	14.12 -0.13 -0.09	14.96 -0.13 -0.15	18.48 -0.13 -0.13	19.98 -0.14 -0.10	20.78 -0.08 -0.08	17.63 -0.04 -0.07	16.99 -0.05 -0.04	8.21 -0.01 -0.06
INDECK___OLEAN 23982	7.82 0.11 -2.60	7.49 0.08 -2.32	7.16 0.09 -2.20	7.11 0.08 -2.30	7.41 0.07 -2.25	10.04 0.19 -2.09	10.88 0.09 -3.58	16.64 -0.17 -2.38	18.34 -0.33 -1.28	17.32 -0.34 -0.73	17.11 -0.39 -0.70	16.93 -0.35 -0.75	16.73 -0.33 -1.20	16.98 -0.31 -1.93	17.30 -0.29 -2.23	16.82 -0.31 -3.08	17.54 -0.35 -3.73	20.65 -0.48 -6.19	23.17 -0.65 -5.33	23.60 -0.68 -4.26	23.46 -0.58 -3.26	19.97 -0.49 -2.86	18.06 -0.44 -1.50	10.51 0.02 -2.33
INDECK___OSWEGO 23783	6.27 -0.09 -1.26	6.11 -0.10 -1.12	5.83 -0.10 -1.06	5.74 -0.10 -1.11	6.07 -0.11 -1.09	8.63 -0.13 -1.01	8.78 -0.15 -1.72	15.17 -0.40 -1.15	17.49 -0.52 -0.62	16.77 -0.51 -0.35	16.63 -0.50 -0.33	16.41 -0.48 -0.36	15.97 -0.46 -0.57	15.83 -0.45 -0.92	15.98 -0.45 -1.06	15.08 -0.44 -1.47	15.53 -0.41 -1.78	17.45 -0.45 -2.95	20.57 -0.46 -2.54	21.61 -0.48 -2.07	21.89 -0.48 -1.59	18.60 -0.39 -1.39	17.33 -0.41 -0.73	9.15 -0.14 -1.13

INDECK___YERKES 23781	7.41 0.13 -2.17	7.13 0.10 -1.93	6.82 0.12 -1.83	6.75 0.10 -1.92	7.06 0.09 -1.88	9.71 0.22 -1.74	10.22 0.03 -2.98	15.91 -0.51 -1.98	17.78 -0.68 -1.07	16.86 -0.68 -0.61	16.69 -0.69 -0.58	16.53 -0.63 -0.62	16.27 -0.59 -1.00	16.38 -0.58 -1.61	16.62 -0.60 -1.86	16.03 -0.58 -2.57	16.69 -0.58 -3.11	19.37 -0.73 -5.16	21.97 -0.96 -4.45	22.56 -1.02 -3.56	22.51 -1.00 -2.72	19.21 -0.77 -2.39	17.59 -0.66 -1.25	10.10 0.00 -1.95
INDIAN POINT_GT_1 24139	19.70 0.31 -14.29	18.11 0.31 -12.70	17.21 0.30 -12.04	17.63 0.29 -12.60	17.76 0.31 -12.36	19.69 0.49 -11.45	27.30 0.46 -19.63	28.33 0.87 -13.04	25.60 1.18 -7.02	22.21 1.18 -4.09	21.87 1.19 -3.87	21.87 1.17 -4.16	23.89 1.13 -6.91	27.85 1.09 -11.41	29.48 1.12 -12.99	32.99 1.00 -17.95	36.73 0.96 -21.60	52.37 1.06 -36.37	50.93 1.26 -31.19	46.72 1.34 -25.36	40.96 1.37 -18.81	35.25 1.13 -16.53	26.47 1.09 -8.37	21.70 0.53 -13.01
INDIAN POINT_GT_2 23659	19.70 0.31 -14.29	18.11 0.31 -12.70	17.21 0.30 -12.04	17.63 0.29 -12.60	17.76 0.31 -12.36	19.69 0.49 -11.45	27.30 0.46 -19.63	28.33 0.87 -13.04	25.60 1.18 -7.02	22.21 1.18 -4.09	21.87 1.19 -3.87	21.87 1.17 -4.16	23.89 1.13 -6.91	27.85 1.09 -11.41	29.48 1.12 -12.99	32.99 1.00 -17.95	36.73 0.96 -21.60	52.37 1.06 -36.37	50.93 1.26 -31.19	46.72 1.34 -25.36	40.96 1.37 -18.81	35.25 1.13 -16.53	26.47 1.09 -8.37	21.70 0.53 -13.01
INDIAN POINT_GT_3 24019	19.70 0.31 -14.29	18.11 0.31 -12.70	17.21 0.30 -12.04	17.63 0.29 -12.60	17.76 0.31 -12.36	19.69 0.49 -11.45	27.30 0.46 -19.63	28.33 0.87 -13.04	25.60 1.18 -7.02	22.21 1.18 -4.09	21.87 1.19 -3.87	21.87 1.17 -4.16	23.89 1.13 -6.91	27.85 1.09 -11.41	29.48 1.12 -12.99	32.99 1.00 -17.95	36.73 0.96 -21.60	52.37 1.06 -36.37	50.93 1.26 -31.19	46.72 1.34 -25.36	40.96 1.37 -18.81	35.25 1.13 -16.53	26.47 1.09 -8.37	21.70 0.53 -13.01
INDIAN POINT___2 23530	19.23 0.31 -13.81	17.69 0.31 -12.28	16.81 0.30 -11.65	17.21 0.29 -12.19	17.35 0.31 -11.95	19.31 0.49 -11.07	26.65 0.47 -18.98	27.92 0.88 -12.61	25.38 1.20 -6.79	22.07 1.18 -3.95	21.74 1.19 -3.75	21.74 1.19 -4.02	23.66 1.13 -6.67	27.46 1.09 -11.01	29.03 1.12 -12.54	32.37 1.00 -17.33	35.99 0.96 -20.86	51.10 1.05 -35.11	49.84 1.24 -30.11	45.84 1.32 -24.49	40.33 1.37 -18.18	34.70 1.13 -15.97	26.19 1.09 -8.10	21.28 0.54 -12.58
INDIAN POINT___3 23531	20.08 0.31 -14.67	18.45 0.31 -13.04	17.53 0.30 -12.36	17.97 0.29 -12.94	18.09 0.31 -12.69	20.00 0.49 -11.75	27.81 0.45 -20.15	28.70 0.88 -13.39	25.80 1.20 -7.20	22.33 1.20 -4.20	21.99 1.21 -3.98	22.00 1.19 -4.28	24.10 1.14 -7.10	28.19 1.11 -11.73	29.84 1.12 -13.35	33.48 1.00 -18.44	37.33 0.96 -22.21	53.42 1.08 -37.40	51.83 1.28 -32.06	47.40 1.34 -26.03	41.45 1.37 -19.29	35.68 1.13 -16.95	26.68 1.09 -8.58	22.03 0.54 -13.34
INGHAM_C_115KV_TB7 356103	5.08 -0.09 -0.06	5.06 -0.09 -0.06	4.83 -0.09 -0.05	4.70 -0.09 -0.06	5.06 -0.09 -0.06	7.70 -0.11 -0.05	7.20 -0.09 -0.09	14.22 -0.27 -0.06	17.08 -0.35 -0.03	16.59 -0.36 -0.02	16.45 -0.37 -0.02	16.23 -0.31 -0.02	15.52 -0.36 -0.03	15.03 -0.37 -0.05	15.02 -0.40 -0.05	13.72 -0.39 -0.07	13.87 -0.38 -0.09	14.69 -0.40 -0.15	18.17 -0.44 -0.13	19.66 -0.46 -0.10	20.47 -0.39 -0.08	17.42 -0.25 -0.07	16.80 -0.24 -0.04	8.11 -0.11 -0.06
IP CORINTH___1 23988	24.18 0.20 -18.87	22.06 0.18 -16.78	20.94 0.16 -15.91	21.54 0.16 -16.65	21.60 0.18 -16.33	23.18 0.30 -15.12	33.44 0.30 -25.93	32.32 0.66 -17.23	27.47 0.80 -9.27	22.88 0.74 -5.21	22.51 0.71 -5.01	22.62 0.71 -5.38	25.14 0.78 -8.50	29.62 0.78 -13.48	31.33 0.34 -15.62	36.04 0.35 -21.65	40.80 0.40 -26.24	58.66 0.46 -43.26	56.47 0.61 -37.38	51.08 0.68 -30.38	45.19 0.77 -23.64	38.91 0.60 -20.71	29.00 0.95 -11.05	25.70 0.38 -17.16
IP___TICONDEROGA 23804	24.37 0.42 -18.84	22.23 0.37 -16.76	21.10 0.34 -15.89	21.69 0.33 -16.63	21.77 0.38 -16.31	23.47 0.61 -15.10	33.81 0.71 -25.89	33.13 1.50 -17.20	28.46 1.81 -9.26	23.80 1.68 -5.20	23.40 1.60 -5.00	23.54 1.64 -5.37	25.99 1.65 -8.49	30.44 1.63 -13.46	31.92 0.95 -15.60	36.64 0.98 -21.61	41.41 1.05 -26.20	59.33 1.20 -43.18	57.39 1.59 -37.32	52.16 1.80 -30.33	46.46 2.08 -23.60	39.87 1.60 -20.67	29.89 1.85 -11.03	26.03 0.73 -17.14
ISLIP_RES_REC 323679	26.44 0.49 -20.85	21.58 0.49 -15.98	20.16 0.47 -14.82	20.02 0.46 -14.83	19.19 0.49 -13.61	21.76 0.77 -13.24	30.19 0.82 -22.17	32.42 1.57 -16.42	31.33 1.95 -11.98	29.67 1.95 -10.80	29.01 1.85 -10.37	28.96 1.70 -10.73	30.42 1.70 -12.86	31.75 1.64 -14.76	30.97 1.65 -13.96	33.62 1.31 -18.27	42.41 1.45 -26.80	53.56 1.60 -37.02	51.97 1.74 -31.74	47.83 2.00 -25.81	47.31 2.16 -24.37	36.13 1.71 -16.82	29.67 1.80 -10.86	28.42 0.87 -19.39
JAMAICA__27_KV_LOAD 355505	19.99 0.34 -14.55	18.37 0.34 -12.93	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.96 0.55 -11.66	27.73 0.54 -19.99	28.82 1.11 -13.28	26.09 1.55 -7.15	22.64 1.54 -4.17	22.21 1.46 -3.95	22.19 1.42 -4.24	24.25 1.35 -7.04	28.32 1.34 -11.63	29.90 1.29 -13.24	33.49 1.15 -18.29	37.27 1.08 -22.03	53.35 1.32 -37.09	51.86 1.57 -31.80	47.46 1.62 -25.82	41.52 1.60 -19.14	35.70 1.28 -16.82	26.86 1.34 -8.51	22.02 0.63 -13.23
JANIS___SOLAR 323808	8.08 0.17 -2.80	7.74 0.15 -2.49	7.38 0.15 -2.36	7.34 0.13 -2.47	7.66 0.14 -2.43	10.29 0.29 -2.25	11.32 0.26 -3.85	17.34 0.35 -2.56	19.02 0.24 -1.38	17.82 0.10 -0.78	17.55 0.00 -0.75	17.34 0.00 -0.81	17.12 -0.03 -1.29	17.44 0.00 -2.08	17.77 0.00 -2.40	17.39 0.03 -3.32	18.31 0.13 -4.02	21.79 0.18 -6.67	24.68 0.44 -5.75	26.63 0.94 -5.67	26.23 1.10 -4.34	22.36 0.95 -3.81	19.85 0.85 -2.00	11.73 0.47 -3.10
JARVIS____ 23743	5.12 0.01 0.00	5.11 0.01 0.00	4.88 0.01 0.00	4.74 0.00 0.00	5.10 0.01 0.00	7.78 0.02 0.00	7.22 0.01 0.00	14.43 0.00 0.00	17.40 0.00 0.00	16.93 0.00 0.00	16.80 0.00 0.00	16.53 0.00 0.00	15.86 0.00 0.00	15.35 0.00 0.00	15.37 0.00 0.00	14.04 0.00 0.00	14.16 0.00 0.00	14.93 -0.01 0.00	18.49 0.00 0.00	20.02 0.00 0.00	20.80 0.02 0.00	17.62 0.02 0.00	17.02 0.02 0.00	8.18 0.02 0.00
JENNISON___1 23625	10.09 0.30 -4.68	9.54 0.29 -4.16	9.08 0.27 -3.94	9.11 0.26 -4.13	9.43 0.29 -4.05	12.01 0.51 -3.75	14.14 0.50 -6.43	19.55 0.85 -4.27	20.63 0.94 -2.30	19.12 0.86 -1.32	18.85 0.79 -1.26	18.63 0.74 -1.35	18.76 0.70 -2.21	19.61 0.66 -3.60	20.13 0.65 -4.12	20.34 0.60 -5.70	21.69 0.65 -6.87	27.18 0.75 -11.49	29.42 1.05 -9.88	29.03 0.98 -8.02	28.04 1.21 -6.05	23.94 1.04 -5.31	20.71 0.97 -2.74	12.93 0.51 -4.25
JENNISON___2 23626	10.09 0.30 -4.68	9.54 0.29 -4.16	9.08 0.27 -3.94	9.11 0.26 -4.13	9.43 0.29 -4.05	12.01 0.51 -3.75	14.14 0.50 -6.43	19.55 0.85 -4.27	20.63 0.94 -2.30	19.12 0.86 -1.32	18.85 0.79 -1.26	18.63 0.74 -1.35	18.76 0.70 -2.21	19.61 0.66 -3.60	20.13 0.65 -4.12	20.34 0.60 -5.70	21.69 0.65 -6.87	27.18 0.75 -11.49	29.42 1.05 -9.88	29.03 0.98 -8.02	28.04 1.21 -6.05	23.94 1.04 -5.31	20.71 0.97 -2.74	12.93 0.51 -4.25

JERICO_RISE_WT_PWR 323719	4.81 -0.30 0.00	4.82 -0.28 0.00	4.61 -0.26 0.00	4.51 -0.22 0.00	4.86 -0.23 0.00	7.38 -0.38 0.00	6.95 -0.26 0.00	14.20 -0.23 0.00	17.14 -0.26 0.00	16.69 -0.24 0.00	16.53 -0.27 0.00	16.20 -0.33 0.00	15.59 -0.27 0.00	15.06 -0.29 0.00	15.08 -0.29 0.00	13.79 -0.25 0.00	13.91 -0.25 0.00	14.77 -0.18 0.00	18.32 -0.17 0.00	19.78 -0.24 0.00	20.35 -0.44 0.00	17.05 -0.55 0.00	16.44 -0.56 0.00	7.80 -0.36 0.00
KATONAH__115KV_46KV_TB4 355592	20.11 0.32 -14.68	18.48 0.33 -13.06	17.56 0.31 -12.38	18.00 0.32 -12.96	18.12 0.33 -12.70	20.03 0.51 -11.77	27.85 0.47 -20.18	28.71 0.88 -13.40	25.81 1.20 -7.21	22.34 1.20 -4.21	21.99 1.21 -3.98	22.03 1.22 -4.28	24.17 1.21 -7.11	28.26 1.17 -11.74	29.93 1.20 -13.36	33.60 1.10 -18.46	37.47 1.08 -22.23	53.52 1.14 -37.44	51.96 1.37 -32.10	47.53 1.44 -26.06	41.53 1.43 -19.32	35.73 1.16 -16.97	26.72 1.12 -8.59	22.07 0.55 -13.35
KCE_NY_1 323755	24.08 0.25 -18.72	21.98 0.23 -16.65	20.87 0.22 -15.78	21.46 0.21 -16.52	21.53 0.23 -16.20	23.13 0.37 -15.00	33.30 0.37 -25.73	32.23 0.71 -17.09	27.45 0.85 -9.20	22.85 0.80 -5.13	22.53 0.77 -4.95	22.61 0.76 -5.32	24.98 0.79 -8.33	29.22 0.77 -13.10	31.28 0.68 -15.23	35.81 0.65 -21.12	40.49 0.67 -25.66	57.80 0.75 -42.11	55.89 0.96 -36.44	50.69 1.04 -29.62	45.17 1.12 -23.27	38.87 0.90 -20.37	28.96 0.99 -10.97	25.63 0.42 -17.05
KCE_NY_6_ESR 323823	7.54 0.14 -2.30	7.25 0.11 -2.04	6.93 0.12 -1.94	6.87 0.11 -2.03	7.18 0.10 -1.99	9.83 0.23 -1.84	10.43 0.07 -3.16	16.18 -0.35 -2.10	17.99 -0.54 -1.13	17.03 -0.54 -0.64	16.86 -0.55 -0.61	16.69 -0.50 -0.66	16.44 -0.48 -1.06	16.60 -0.46 -1.70	16.89 -0.45 -1.96	16.31 -0.45 -2.72	16.98 -0.47 -3.29	19.80 -0.60 -5.46	22.41 -0.78 -4.70	22.94 -0.84 -3.76	22.87 -0.79 -2.88	19.51 -0.62 -2.52	17.78 -0.54 -1.32	10.26 0.04 -2.06
KEDC_PORT_JEFF_GT2 24210	26.42 0.46 -20.85	21.55 0.47 -15.99	20.14 0.45 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.72 0.73 -13.24	30.15 0.77 -22.17	32.30 1.46 -16.42	31.20 1.83 -11.98	29.54 1.81 -10.80	28.90 1.73 -10.37	28.86 1.60 -10.73	30.30 1.59 -12.86	31.63 1.52 -14.76	30.85 1.52 -13.96	33.50 1.19 -18.27	42.28 1.32 -26.80	53.43 1.47 -37.02	51.82 1.59 -31.74	47.63 1.80 -25.81	47.13 1.98 -24.37	35.97 1.55 -16.82	29.54 1.67 -10.86	28.36 0.81 -19.39
KEDC_PORT_JEFF_GT3 24211	26.42 0.46 -20.85	21.55 0.47 -15.99	20.14 0.45 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.72 0.73 -13.24	30.15 0.77 -22.17	32.30 1.46 -16.42	31.20 1.83 -11.98	29.54 1.81 -10.80	28.90 1.73 -10.37	28.86 1.60 -10.73	30.30 1.59 -12.86	31.63 1.52 -14.76	30.85 1.52 -13.96	33.50 1.19 -18.27	42.28 1.32 -26.80	53.43 1.47 -37.02	51.82 1.59 -31.74	47.63 1.80 -25.81	47.13 1.98 -24.37	35.97 1.55 -16.82	29.54 1.67 -10.86	28.36 0.81 -19.39
KEDC_GLWD_GT4 24219	25.49 0.39 -19.98	21.06 0.39 -15.57	19.71 0.37 -14.47	19.65 0.36 -14.55	18.94 0.39 -13.47	21.39 0.61 -13.02	29.67 0.60 -21.87	31.99 1.14 -16.42	30.89 1.51 -11.98	29.25 1.52 -10.80	28.68 1.51 -10.37	28.73 1.47 -10.73	30.15 1.43 -12.86	31.49 1.38 -14.76	30.73 1.40 -13.96	33.49 1.18 -18.27	42.16 1.20 -26.80	53.29 1.33 -37.02	51.75 1.52 -31.74	47.47 1.64 -25.81	46.87 1.72 -24.37	35.82 1.41 -16.81	29.25 1.38 -10.86	28.23 0.68 -19.39
KEDC_GLWD_GT5 24220	25.49 0.39 -19.98	21.06 0.39 -15.57	19.71 0.37 -14.47	19.65 0.36 -14.55	18.94 0.39 -13.47	21.39 0.61 -13.02	29.67 0.60 -21.87	31.99 1.14 -16.42	30.89 1.51 -11.98	29.25 1.52 -10.80	28.68 1.51 -10.37	28.73 1.47 -10.73	30.15 1.43 -12.86	31.49 1.38 -14.76	30.73 1.40 -13.96	33.49 1.18 -18.27	42.16 1.20 -26.80	53.29 1.33 -37.02	51.75 1.52 -31.74	47.47 1.64 -25.81	46.87 1.72 -24.37	35.82 1.41 -16.81	29.25 1.38 -10.86	28.23 0.68 -19.39
KENSICO____ 23655	20.02 0.32 -14.59	18.39 0.32 -12.97	17.48 0.31 -12.30	17.91 0.30 -12.87	18.03 0.32 -12.62	19.95 0.50 -11.69	27.73 0.48 -20.05	28.66 0.91 -13.32	25.82 1.25 -7.17	22.35 1.24 -4.18	22.00 1.24 -3.96	22.01 1.22 -4.25	24.11 1.19 -7.06	28.17 1.15 -11.66	29.81 1.17 -13.27	33.42 1.04 -18.34	37.25 1.01 -22.09	53.25 1.12 -37.18	51.70 1.33 -31.88	47.31 1.40 -25.89	41.41 1.43 -19.19	35.62 1.16 -16.86	26.68 1.14 -8.54	21.98 0.55 -13.27
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.45 0.36 -11.98	16.12 0.37 -10.66	15.32 0.35 -10.10	15.64 0.34 -10.57	15.82 0.36 -10.37	17.92 0.56 -9.60	24.20 0.53 -16.46	26.32 0.95 -10.94	24.50 1.22 -5.89	21.51 1.17 -3.41	21.20 1.16 -3.24	21.20 1.19 -3.48	22.67 1.08 -5.73	25.85 1.09 -9.41	27.14 1.03 -10.74	29.83 0.94 -14.85	32.99 0.93 -17.90	45.92 0.94 -30.04	45.47 1.20 -25.78	42.34 1.38 -20.94	38.02 1.60 -15.64	32.63 1.30 -13.73	25.24 1.22 -7.01	19.66 0.60 -10.90
KIAC_JFK_GT1 23816	19.95 0.31 -14.53	18.33 0.32 -12.92	17.42 0.30 -12.25	17.85 0.29 -12.82	17.97 0.31 -12.57	19.91 0.51 -11.64	27.70 0.53 -19.97	28.73 1.04 -13.26	26.00 1.46 -7.14	22.57 1.47 -4.16	22.12 1.38 -3.94	22.09 1.32 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.75 1.17 -13.22	33.35 1.04 -18.26	37.11 0.96 -21.98	53.14 1.18 -37.01	51.63 1.40 -31.74	47.27 1.44 -25.81	41.33 1.41 -19.13	35.55 1.14 -16.81	26.78 1.26 -8.52	21.99 0.60 -13.23
KIAC_JFK_GT2 23817	19.95 0.31 -14.53	18.33 0.32 -12.92	17.42 0.30 -12.25	17.85 0.29 -12.82	17.97 0.31 -12.57	19.91 0.51 -11.64	27.70 0.53 -19.97	28.73 1.04 -13.26	26.00 1.46 -7.14	22.57 1.47 -4.16	22.12 1.38 -3.94	22.09 1.32 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.75 1.17 -13.22	33.35 1.04 -18.26	37.11 0.96 -21.98	53.14 1.18 -37.01	51.63 1.40 -31.74	47.27 1.44 -25.81	41.33 1.41 -19.13	35.55 1.14 -16.81	26.78 1.26 -8.52	21.99 0.60 -13.23
KIAC_JFK____ 323774	19.95 0.31 -14.53	18.33 0.32 -12.92	17.42 0.30 -12.25	17.85 0.29 -12.82	17.97 0.31 -12.57	19.91 0.51 -11.64	27.70 0.53 -19.97	28.73 1.04 -13.26	26.00 1.46 -7.14	22.57 1.47 -4.16	22.12 1.38 -3.94	22.09 1.32 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.75 1.17 -13.22	33.35 1.04 -18.26	37.11 0.96 -21.98	53.14 1.18 -37.01	51.63 1.40 -31.74	47.27 1.44 -25.81	41.33 1.41 -19.13	35.55 1.14 -16.81	26.78 1.26 -8.52	21.99 0.60 -13.23
KINTIGH____ 23543	7.07 0.10 -1.86	6.82 0.07 -1.66	6.52 0.08 -1.57	6.45 0.08 -1.64	6.76 0.06 -1.61	9.41 0.16 -1.49	9.81 0.05 -2.56	15.68 -0.45 -1.70	17.67 -0.64 -0.91	16.81 -0.64 -0.52	16.68 -0.62 -0.50	16.45 -0.61 -0.54	16.16 -0.57 -0.87	16.22 -0.54 -1.41	16.45 -0.54 -1.62	15.76 -0.52 -2.24	16.33 -0.54 -2.70	18.79 -0.66 -4.50	21.50 -0.87 -3.88	22.25 -0.92 -3.15	22.26 -0.91 -2.39	19.01 -0.69 -2.10	17.50 -0.60 -1.09	9.84 -0.01 -1.69
KNTFSRNC_46_KV_46KV_LOAD 80397	4.98 -0.20 -0.07	4.98 -0.18 -0.06	4.75 -0.18 -0.06	4.66 -0.13 -0.06	5.02 -0.13 -0.06	7.61 -0.20 -0.06	7.21 -0.09 -0.09	14.68 0.19 -0.06	17.66 0.23 -0.03	17.17 0.22 -0.02	16.97 0.15 -0.02	16.63 0.08 -0.02	16.02 0.13 -0.03	15.50 0.09 -0.05	15.52 0.09 -0.06	14.22 0.10 -0.08	14.36 0.10 -0.10	15.33 0.22 -0.16	19.02 0.39 -0.14	20.50 0.36 -0.11	21.02 0.15 -0.09	17.59 -0.09 -0.08	16.89 -0.15 -0.04	8.06 -0.16 -0.06

LACHUTE____HYDRO 323717	24.29 0.42 -18.76	22.15 0.37 -16.69	21.03 0.34 -15.82	21.62 0.33 -16.55	21.70 0.38 -16.23	23.40 0.61 -15.04	33.75 0.76 -25.78	33.06 1.50 -17.12	28.42 1.81 -9.22	23.75 1.68 -5.14	23.39 1.60 -4.99	23.53 1.64 -5.36	25.90 1.65 -8.39	30.19 1.63 -13.21	31.69 0.95 -15.36	36.32 0.98 -21.30	41.08 1.05 -25.87	58.61 1.20 -42.47	56.83 1.59 -36.75	51.56 1.80 -29.74	46.20 2.08 -23.34	39.63 1.60 -20.43	29.86 1.85 -11.00	25.98 0.73 -17.08
LAWRNCV_115KV_TB1 80681	4.94 -0.33 -0.16	4.92 -0.33 -0.15	4.69 -0.31 -0.14	4.58 -0.30 -0.14	4.93 -0.31 -0.14	7.37 -0.51 -0.13	7.00 -0.43 -0.22	14.19 -0.39 -0.15	16.89 -0.59 -0.08	16.43 -0.54 -0.05	16.31 -0.54 -0.04	16.01 -0.56 -0.05	15.39 -0.54 -0.08	14.94 -0.54 -0.12	14.96 -0.55 -0.14	13.75 -0.49 -0.20	13.95 -0.45 -0.24	14.95 -0.39 -0.39	18.22 -0.61 -0.34	19.60 -0.70 -0.27	20.24 -0.75 -0.21	17.06 -0.72 -0.18	16.56 -0.54 -0.10	7.80 -0.51 -0.15
LEDERLE____ 23769	18.77 0.34 -13.32	17.28 0.34 -11.85	16.42 0.32 -11.23	16.80 0.31 -11.76	16.95 0.33 -11.53	18.95 0.52 -10.68	26.01 0.49 -18.31	27.53 0.94 -12.16	25.19 1.25 -6.55	21.98 1.24 -3.82	21.66 1.24 -3.61	21.67 1.26 -3.88	23.49 1.19 -6.44	27.11 1.12 -10.63	28.64 1.17 -12.10	31.83 1.05 -16.73	35.33 1.02 -20.14	49.93 1.08 -33.91	48.84 1.28 -29.08	45.03 1.40 -23.61	39.75 1.45 -17.51	34.20 1.21 -15.39	25.96 1.16 -7.80	20.85 0.57 -12.12
LIGHTHSE_115KV_TB6 355974	6.10 -0.06 -1.06	5.97 -0.07 -0.94	5.69 -0.07 -0.89	5.59 -0.08 -0.93	5.93 -0.08 -0.91	8.52 -0.09 -0.85	8.57 -0.09 -1.45	15.12 -0.27 -0.96	17.50 -0.42 -0.52	16.82 -0.41 -0.30	16.70 -0.39 -0.28	16.47 -0.36 -0.30	16.00 -0.35 -0.49	15.81 -0.34 -0.80	15.93 -0.35 -0.92	14.98 -0.34 -1.27	15.37 -0.33 -1.53	17.18 -0.31 -2.55	20.39 -0.30 -2.20	21.49 -0.32 -1.78	21.95 -0.19 -1.36	18.63 -0.16 -1.19	17.44 -0.19 -0.62	9.06 -0.06 -0.96
LINDEN COGEN____ 23786	19.95 0.32 -14.53	18.34 0.32 -12.92	17.43 0.31 -12.25	17.85 0.30 -12.82	17.98 0.32 -12.57	19.93 0.53 -11.64	27.65 0.48 -19.97	28.63 0.94 -13.26	25.87 1.34 -7.14	22.43 1.34 -4.16	22.09 1.34 -3.94	22.09 1.32 -4.24	24.14 1.25 -7.03	28.19 1.23 -11.61	29.81 1.23 -13.22	33.37 1.07 -18.26	37.15 1.01 -21.98	53.14 1.18 -37.01	51.61 1.39 -31.74	47.25 1.42 -25.81	41.35 1.43 -19.13	35.57 1.16 -16.81	26.68 1.16 -8.52	21.95 0.56 -13.23
LINDHRST_69_KV_BK1 356055	25.73 0.46 -20.15	21.22 0.46 -15.65	19.85 0.44 -14.54	19.78 0.43 -14.62	19.05 0.46 -13.51	21.55 0.72 -13.07	29.83 0.68 -21.94	32.25 1.39 -16.43	31.18 1.79 -11.99	29.53 1.79 -10.80	28.88 1.71 -10.37	28.86 1.60 -10.73	30.30 1.57 -12.87	31.64 1.50 -14.78	30.86 1.51 -13.98	33.53 1.19 -18.30	42.32 1.32 -26.84	53.44 1.40 -37.10	51.83 1.53 -31.81	47.59 1.74 -25.82	47.05 1.89 -24.37	35.97 1.55 -16.82	29.50 1.63 -10.86	28.35 0.81 -19.39
LIPA_MISC_IPP 23656	25.74 0.44 -20.20	21.23 0.45 -15.68	19.87 0.44 -14.56	19.79 0.43 -14.63	19.06 0.45 -13.51	21.54 0.71 -13.08	29.85 0.68 -21.96	32.26 1.40 -16.43	31.07 1.69 -11.99	29.43 1.69 -10.80	28.77 1.60 -10.37	28.77 1.50 -10.73	30.20 1.47 -12.87	31.54 1.41 -14.78	30.76 1.41 -13.98	33.44 1.10 -18.30	42.23 1.22 -26.84	53.42 1.37 -37.10	51.77 1.48 -31.81	47.55 1.70 -25.82	47.02 1.87 -24.37	35.87 1.44 -16.82	29.43 1.56 -10.86	28.31 0.76 -19.39
LISF____SOLAR 323691	26.41 0.45 -20.86	21.55 0.46 -15.99	20.13 0.44 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.71 0.71 -13.24	30.11 0.74 -22.17	32.26 1.42 -16.42	31.08 1.71 -11.98	29.42 1.69 -10.80	28.78 1.61 -10.37	28.79 1.54 -10.73	30.19 1.48 -12.86	31.54 1.43 -14.76	30.74 1.41 -13.96	33.41 1.10 -18.27	42.19 1.23 -26.80	53.35 1.39 -37.02	51.73 1.50 -31.74	47.55 1.72 -25.81	47.04 1.89 -24.37	35.90 1.48 -16.82	29.45 1.58 -10.86	28.32 0.77 -19.39
LITTLE FALLS____HYD 24013	5.08 -0.09 -0.06	5.06 -0.09 -0.06	4.83 -0.09 -0.05	4.70 -0.09 -0.06	5.06 -0.09 -0.06	7.70 -0.11 -0.05	7.20 -0.09 -0.09	14.22 -0.27 -0.06	17.08 -0.35 -0.03	16.59 -0.36 -0.02	16.45 -0.37 -0.02	16.23 -0.31 -0.02	15.52 -0.36 -0.03	15.03 -0.37 -0.05	15.02 -0.40 -0.05	13.72 -0.39 -0.07	13.87 -0.38 -0.09	14.69 -0.40 -0.15	18.17 -0.44 -0.13	19.66 -0.46 -0.10	20.47 -0.39 -0.08	17.42 -0.25 -0.07	16.80 -0.24 -0.04	8.11 -0.11 -0.06
LITTLRIV_115KV_TB1 356100	4.99 -0.30 -0.17	4.97 -0.29 -0.15	4.74 -0.28 -0.15	4.62 -0.26 -0.15	4.98 -0.26 -0.15	7.45 -0.44 -0.14	7.08 -0.37 -0.24	14.32 -0.27 -0.16	17.01 -0.47 -0.09	16.52 -0.46 -0.05	16.41 -0.44 -0.05	16.13 -0.45 -0.05	15.50 -0.44 -0.08	15.04 -0.45 -0.13	15.04 -0.48 -0.15	13.83 -0.42 -0.21	14.03 -0.38 -0.25	15.07 -0.30 -0.42	18.39 -0.46 -0.36	19.75 -0.56 -0.29	20.45 -0.56 -0.22	17.23 -0.56 -0.20	16.70 -0.41 -0.10	7.89 -0.43 -0.16
LI_NEWBRDGE____DRP 323616	25.74 0.39 -20.24	21.19 0.40 -15.70	19.82 0.38 -14.58	19.74 0.37 -14.64	19.00 0.39 -13.52	21.47 0.62 -13.09	29.75 0.57 -21.97	32.02 1.15 -16.43	30.92 1.53 -11.99	29.27 1.54 -10.80	28.65 1.48 -10.37	28.68 1.42 -10.73	30.11 1.38 -12.87	31.45 1.32 -14.78	30.67 1.32 -13.98	33.38 1.04 -18.30	42.11 1.10 -26.84	53.25 1.21 -37.10	51.63 1.33 -31.81	47.33 1.48 -25.82	46.75 1.60 -24.37	35.70 1.28 -16.82	29.24 1.38 -10.86	28.22 0.68 -19.39
LOCKPORT_115KV_TB60_63_64 80432	7.30 0.11 -2.08	7.03 0.08 -1.85	6.72 0.09 -1.76	6.66 0.09 -1.84	6.96 0.07 -1.80	9.60 0.18 -1.67	10.11 0.04 -2.86	15.76 -0.58 -1.90	17.60 -0.82 -1.02	16.69 -0.83 -0.59	16.54 -0.82 -0.56	16.34 -0.79 -0.60	16.09 -0.75 -0.97	16.21 -0.72 -1.58	16.47 -0.71 -1.81	15.86 -0.69 -2.50	16.48 -0.71 -3.03	19.12 -0.87 -5.04	21.70 -1.13 -4.34	22.35 -1.20 -3.53	22.27 -1.18 -2.68	19.05 -0.90 -2.35	17.43 -0.80 -1.22	10.01 -0.04 -1.90
LOCKPORT____CC1 323769	7.32 0.11 -2.10	7.05 0.08 -1.87	6.73 0.09 -1.77	6.67 0.09 -1.85	6.97 0.07 -1.82	9.62 0.19 -1.68	10.08 -0.01 -2.89	15.78 -0.56 -1.92	17.63 -0.80 -1.03	16.70 -0.81 -0.59	16.54 -0.82 -0.56	16.36 -0.78 -0.60	16.10 -0.73 -0.97	16.21 -0.71 -1.56	16.47 -0.69 -1.80	15.86 -0.67 -2.49	16.48 -0.69 -3.01	19.08 -0.85 -4.99	21.68 -1.11 -4.30	22.28 -1.18 -3.44	22.26 -1.16 -2.63	19.03 -0.88 -2.31	17.43 -0.78 -1.21	10.01 -0.03 -1.88
LOCKPORT____CC2 323770	7.32 0.11 -2.10	7.05 0.08 -1.87	6.73 0.09 -1.77	6.67 0.09 -1.85	6.97 0.07 -1.82	9.62 0.19 -1.68	10.08 -0.01 -2.89	15.78 -0.56 -1.92	17.63 -0.80 -1.03	16.70 -0.81 -0.59	16.54 -0.82 -0.56	16.36 -0.78 -0.60	16.10 -0.73 -0.97	16.21 -0.71 -1.56	16.47 -0.69 -1.80	15.86 -0.67 -2.49	16.48 -0.69 -3.01	19.08 -0.85 -4.99	21.68 -1.11 -4.30	22.28 -1.18 -3.44	22.26 -1.16 -2.63	19.03 -0.88 -2.31	17.43 -0.78 -1.21	10.01 -0.03 -1.88
LOCKPORT____CC3 323771	7.32 0.11 -2.10	7.05 0.08 -1.87	6.73 0.09 -1.77	6.67 0.09 -1.85	6.97 0.07 -1.82	9.62 0.19 -1.68	10.08 -0.01 -2.89	15.78 -0.56 -1.92	17.63 -0.80 -1.03	16.70 -0.81 -0.59	16.54 -0.82 -0.56	16.36 -0.78 -0.60	16.10 -0.73 -0.97	16.21 -0.71 -1.56	16.47 -0.69 -1.80	15.86 -0.67 -2.49	16.48 -0.69 -3.01	19.08 -0.85 -4.99	21.68 -1.11 -4.30	22.28 -1.18 -3.44	22.26 -1.16 -2.63	19.03 -0.88 -2.31	17.43 -0.78 -1.21	10.01 -0.03 -1.88

LONG_LAKE_PHOENIX 24014	6.24 -0.08 -1.21	6.09 -0.09 -1.08	5.80 -0.09 -1.02	5.71 -0.09 -1.07	6.04 -0.10 -1.05	8.62 -0.11 -0.97	8.77 -0.10 -1.66	15.20 -0.33 -1.10	17.56 -0.43 -0.59	16.83 -0.44 -0.34	16.69 -0.44 -0.32	16.47 -0.41 -0.35	16.04 -0.38 -0.56	15.90 -0.37 -0.91	16.05 -0.37 -1.05	15.15 -0.35 -1.45	15.56 -0.35 -1.75	17.48 -0.39 -2.92	20.62 -0.39 -2.52	21.67 -0.40 -2.04	21.92 -0.42 -1.55	18.63 -0.33 -1.36	17.36 -0.36 -0.71	9.15 -0.11 -1.10
LOVETT___3 23632	18.77 0.31 -13.35	17.28 0.31 -11.87	16.42 0.30 -11.26	16.80 0.29 -11.78	16.95 0.31 -11.55	18.93 0.48 -10.70	26.00 0.45 -18.34	27.48 0.87 -12.18	25.12 1.17 -6.56	21.92 1.17 -3.82	21.58 1.16 -3.62	21.58 1.16 -3.89	23.42 1.11 -6.45	27.07 1.06 -10.65	28.59 1.09 -12.13	31.79 0.98 -16.76	35.30 0.95 -20.18	49.92 1.00 -33.97	48.82 1.20 -29.13	44.98 1.30 -23.66	39.68 1.35 -17.55	34.13 1.11 -15.42	25.89 1.07 -7.81	20.83 0.53 -12.14
LOVETT___4 23642	18.77 0.31 -13.35	17.28 0.31 -11.87	16.42 0.30 -11.26	16.80 0.29 -11.78	16.95 0.31 -11.55	18.93 0.48 -10.70	26.00 0.45 -18.34	27.48 0.87 -12.18	25.12 1.17 -6.56	21.92 1.17 -3.82	21.58 1.16 -3.62	21.58 1.16 -3.89	23.42 1.11 -6.45	27.07 1.06 -10.65	28.59 1.09 -12.13	31.79 0.98 -16.76	35.30 0.95 -20.18	49.92 1.00 -33.97	48.82 1.20 -29.13	44.98 1.30 -23.66	39.68 1.35 -17.55	34.13 1.11 -15.42	25.89 1.07 -7.81	20.83 0.53 -12.14
LOVETT___5 23593	18.77 0.31 -13.35	17.28 0.31 -11.87	16.42 0.30 -11.26	16.80 0.29 -11.78	16.95 0.31 -11.55	18.93 0.48 -10.70	26.00 0.45 -18.34	27.48 0.87 -12.18	25.12 1.17 -6.56	21.92 1.17 -3.82	21.58 1.16 -3.62	21.58 1.16 -3.89	23.42 1.11 -6.45	27.07 1.06 -10.65	28.59 1.09 -12.13	31.79 0.98 -16.76	35.30 0.95 -20.18	49.92 1.00 -33.97	48.82 1.20 -29.13	44.98 1.30 -23.66	39.68 1.35 -17.55	34.13 1.11 -15.42	25.89 1.07 -7.81	20.83 0.53 -12.14
LOWER RAQUET___HYD 24057	4.74 -0.37 0.00	4.74 -0.36 0.00	4.52 -0.35 0.00	4.40 -0.33 0.00	4.75 -0.34 0.00	7.20 -0.56 0.00	6.72 -0.48 0.00	13.96 -0.48 0.00	16.70 -0.70 0.00	16.27 -0.66 0.00	16.14 -0.66 0.00	15.85 -0.68 0.00	15.21 -0.65 0.00	14.71 -0.64 0.00	14.71 -0.66 0.00	13.44 -0.60 0.00	13.60 -0.57 0.00	14.45 -0.49 0.00	17.77 -0.72 0.00	19.20 -0.82 0.00	19.91 -0.87 0.00	16.79 -0.81 0.00	16.34 -0.66 0.00	7.60 -0.56 0.00
LOWER___HUDSON 24059	23.60 0.19 -18.31	21.56 0.18 -16.28	20.48 0.18 -15.43	21.05 0.17 -16.15	21.11 0.18 -15.84	22.71 0.29 -14.67	32.63 0.27 -25.15	31.63 0.49 -16.71	27.00 0.61 -8.99	22.47 0.56 -4.98	22.18 0.55 -4.82	22.26 0.54 -5.18	24.42 0.52 -8.04	28.43 0.52 -12.55	30.51 0.49 -14.65	34.82 0.46 -20.32	39.37 0.48 -24.73	55.91 0.52 -40.44	54.20 0.66 -35.04	49.24 0.72 -28.50	44.14 0.79 -22.56	37.98 0.63 -19.75	28.37 0.65 -10.72	25.11 0.29 -16.65
LOWVILLE_115KV_TB2 356335	5.51 -0.05 -0.45	5.45 -0.05 -0.40	5.19 -0.05 -0.38	5.07 -0.06 -0.40	5.44 -0.05 -0.39	8.09 -0.03 -0.36	7.82 -0.01 -0.62	14.84 0.00 -0.41	17.48 -0.14 -0.22	16.90 -0.15 -0.13	16.77 -0.15 -0.12	16.46 -0.20 -0.13	15.88 -0.19 -0.21	15.49 -0.20 -0.34	15.51 -0.25 -0.39	14.37 -0.21 -0.54	14.67 -0.14 -0.65	15.97 -0.06 -1.09	19.44 0.02 -0.93	20.78 0.00 -0.76	21.53 0.17 -0.58	18.23 0.12 -0.51	17.37 0.10 -0.26	8.56 -0.01 -0.41
LUTHERFT_115KV_GLOB_FND_222 355753	24.15 0.25 -18.80	22.05 0.23 -16.72	20.94 0.22 -15.85	21.53 0.21 -16.59	21.59 0.23 -16.27	23.19 0.37 -15.07	33.39 0.35 -25.84	32.28 0.69 -17.16	27.49 0.85 -9.24	22.90 0.80 -5.18	22.56 0.77 -4.98	22.65 0.76 -5.36	25.07 0.78 -8.43	29.46 0.77 -13.34	31.51 0.66 -15.48	36.14 0.65 -21.45	40.84 0.67 -26.01	58.49 0.73 -42.81	56.44 0.94 -37.01	51.15 1.04 -30.09	45.36 1.10 -23.48	39.06 0.90 -20.57	28.98 0.97 -11.01	25.67 0.42 -17.10
LUTHERNY_35_KV_BK2 355980	24.16 0.25 -18.80	22.05 0.23 -16.72	20.94 0.22 -15.85	21.53 0.21 -16.59	21.59 0.23 -16.27	23.19 0.37 -15.07	33.39 0.35 -25.84	32.30 0.71 -17.16	27.49 0.85 -9.24	22.90 0.80 -5.18	22.56 0.77 -4.98	22.65 0.76 -5.36	25.08 0.79 -8.43	29.46 0.77 -13.34	31.52 0.68 -15.48	36.14 0.65 -21.45	40.84 0.67 -26.01	58.50 0.75 -42.81	56.46 0.96 -37.01	51.15 1.04 -30.09	45.39 1.12 -23.48	39.06 0.90 -20.57	28.98 0.97 -11.01	25.68 0.42 -17.10
LWR___OSWEGATCHIE_HYD 23850	5.19 -0.27 -0.35	5.14 -0.27 -0.31	4.90 -0.26 -0.29	4.79 -0.25 -0.31	5.14 -0.25 -0.30	7.65 -0.38 -0.28	7.36 -0.32 -0.48	14.37 -0.38 -0.32	16.98 -0.59 -0.17	16.45 -0.58 -0.10	16.32 -0.57 -0.09	16.00 -0.63 -0.10	15.45 -0.57 -0.16	15.03 -0.58 -0.26	15.07 -0.60 -0.30	13.91 -0.55 -0.41	14.17 -0.50 -0.50	15.36 -0.42 -0.83	18.67 -0.54 -0.72	20.00 -0.60 -0.58	20.69 -0.54 -0.44	17.50 -0.49 -0.39	16.78 -0.43 -0.20	8.12 -0.36 -0.31
LYONS_FALL_HYD 23570	5.61 0.01 -0.49	5.53 0.00 -0.43	5.28 0.00 -0.41	5.15 -0.01 -0.43	5.52 0.01 -0.42	8.19 0.05 -0.39	7.91 0.03 -0.67	14.96 0.09 -0.45	17.65 0.02 -0.24	17.07 0.00 -0.14	16.91 -0.02 -0.13	16.64 -0.03 -0.14	16.03 -0.05 -0.22	15.65 -0.06 -0.36	15.69 -0.09 -0.41	14.55 -0.07 -0.57	14.84 -0.01 -0.69	16.16 0.06 -1.15	19.63 0.15 -0.99	20.97 0.14 -0.81	21.69 0.29 -0.62	18.37 0.23 -0.54	17.49 0.20 -0.29	8.66 0.06 -0.44
MADISON___COUNTY_LFGE 323628	5.93 0.13 -0.69	5.83 0.12 -0.61	5.56 0.11 -0.58	5.44 0.10 -0.61	5.81 0.12 -0.59	8.54 0.23 -0.55	8.39 0.24 -0.94	15.40 0.35 -0.63	18.12 0.38 -0.34	17.44 0.32 -0.19	17.29 0.30 -0.18	17.02 0.30 -0.20	16.45 0.27 -0.32	16.12 0.25 -0.52	16.19 0.23 -0.59	15.10 0.24 -0.82	15.43 0.27 -0.99	16.93 0.33 -1.65	20.41 0.50 -1.42	21.72 0.54 -1.16	22.35 0.69 -0.88	18.95 0.58 -0.77	17.92 0.51 -0.40	9.03 0.24 -0.62
MALONE___115KV_TB1 356076	4.93 -0.28 -0.10	4.93 -0.26 -0.09	4.70 -0.25 -0.08	4.60 -0.22 -0.09	4.95 -0.22 -0.09	7.47 -0.36 -0.08	7.08 -0.27 -0.14	14.36 -0.16 -0.09	17.24 -0.21 -0.05	16.75 -0.20 -0.03	16.61 -0.22 -0.03	16.28 -0.28 -0.03	15.67 -0.24 -0.05	15.17 -0.26 -0.07	15.18 -0.28 -0.09	13.92 -0.24 -0.12	14.08 -0.23 -0.14	15.06 -0.12 -0.24	18.58 -0.11 -0.20	20.01 -0.18 -0.17	20.56 -0.35 -0.13	17.23 -0.48 -0.11	16.60 -0.46 -0.06	7.91 -0.34 -0.09
MAPLEWOD_115KV_TB3 80458	23.39 0.19 -18.09	21.37 0.19 -16.09	20.30 0.18 -15.25	20.87 0.17 -15.96	20.93 0.19 -15.65	22.55 0.29 -14.50	32.32 0.25 -24.86	31.43 0.49 -16.51	26.91 0.63 -8.89	22.49 0.59 -4.97	22.18 0.59 -4.79	22.27 0.60 -5.15	24.50 0.57 -8.07	28.66 0.57 -12.73	30.75 0.58 -14.79	35.10 0.55 -20.50	39.62 0.58 -24.88	56.44 0.61 -40.89	54.65 0.79 -35.37	49.63 0.86 -28.75	44.19 0.89 -22.52	38.04 0.72 -19.72	28.29 0.70 -10.59	24.92 0.31 -16.45
MAPLE RIDGE_WT_1 323574	4.88 -0.23 0.00	4.88 -0.21 0.00	4.67 -0.20 0.00	4.54 -0.19 0.00	4.89 -0.20 0.00	7.44 -0.32 0.00	6.94 -0.27 0.00	14.03 -0.40 0.00	16.96 -0.43 0.00	16.57 -0.36 0.00	16.46 -0.34 0.00	16.18 -0.35 0.00	15.51 -0.35 0.00	14.98 -0.37 0.00	14.97 -0.40 0.00	13.68 -0.37 0.00	13.81 -0.35 0.00	14.62 -0.33 0.00	18.08 -0.41 0.00	19.52 -0.50 0.00	20.16 -0.62 0.00	16.98 -0.62 0.00	16.39 -0.61 0.00	7.82 -0.34 0.00

MAPLE_RIDGE_WT_2 323611	4.88 -0.23 0.00	4.88 -0.21 0.00	4.67 -0.20 0.00	4.54 -0.19 0.00	4.89 -0.20 0.00	7.44 -0.32 0.00	6.94 -0.27 0.00	14.03 -0.40 0.00	16.96 -0.43 0.00	16.57 -0.36 0.00	16.46 -0.34 0.00	16.18 -0.35 0.00	15.51 -0.35 0.00	14.98 -0.37 0.00	14.97 -0.40 0.00	13.68 -0.37 0.00	13.81 -0.35 0.00	14.62 -0.33 0.00	18.08 -0.41 0.00	19.52 -0.50 0.00	20.16 -0.62 0.00	16.98 -0.62 0.00	16.39 -0.61 0.00	7.82 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	4.81 -0.30 0.00	4.82 -0.28 0.00	4.60 -0.27 0.00	4.50 -0.23 0.00	4.86 -0.23 0.00	7.38 -0.38 0.00	6.95 -0.26 0.00	14.20 -0.23 0.00	17.14 -0.26 0.00	16.69 -0.24 0.00	16.53 -0.27 0.00	16.20 -0.33 0.00	15.59 -0.27 0.00	15.06 -0.29 0.00	15.06 -0.31 0.00	13.78 -0.27 0.00	13.91 -0.25 0.00	14.77 -0.18 0.00	18.32 -0.17 0.00	19.78 -0.24 0.00	20.33 -0.46 0.00	17.05 -0.55 0.00	16.44 -0.56 0.00	7.80 -0.36 0.00
MARSHVLE_115KV_TB1 80742	27.67 0.42 -22.15	25.19 0.40 -19.69	23.91 0.37 -18.67	24.64 0.36 -19.54	24.66 0.41 -19.16	26.17 0.67 -17.75	38.29 0.65 -30.43	35.91 1.27 -20.21	29.65 1.37 -10.88	24.37 1.29 -6.15	23.88 1.18 -5.90	24.00 1.12 -6.34	27.13 1.16 -10.11	32.66 1.14 -16.17	35.19 1.15 -18.67	40.99 1.10 -25.85	46.62 1.16 -31.29	68.06 1.32 -51.80	64.93 1.76 -44.69	58.28 1.94 -36.32	50.83 2.06 -27.99	43.89 1.76 -24.54	31.62 1.65 -12.96	29.04 0.74 -20.14
MARSH_HILL_WT_PWR 323713	8.12 0.24 -2.77	7.77 0.20 -2.47	7.42 0.21 -2.34	7.37 0.19 -2.45	7.69 0.19 -2.40	10.37 0.40 -2.22	11.32 0.30 -3.81	17.24 0.27 -2.53	18.97 0.21 -1.36	17.87 0.17 -0.78	17.66 0.12 -0.74	17.49 0.17 -0.80	17.27 0.13 -1.28	17.57 0.15 -2.06	17.90 0.15 -2.37	17.45 0.13 -3.28	18.22 0.09 -3.97	21.58 0.04 -6.59	24.32 0.15 -5.68	24.78 0.20 -4.56	24.52 0.25 -3.49	20.89 0.23 -3.06	18.83 0.22 -1.60	10.95 0.30 -2.49
MCINTYRE_115KV_TB2 80467	5.04 -0.23 -0.16	5.01 -0.22 -0.14	4.79 -0.21 -0.13	4.67 -0.20 -0.14	5.02 -0.20 -0.14	7.53 -0.35 -0.13	7.14 -0.28 -0.22	14.49 -0.09 -0.14	17.21 -0.26 -0.08	16.72 -0.25 -0.04	16.59 -0.25 -0.04	16.31 -0.26 -0.05	15.68 -0.25 -0.07	15.19 -0.28 -0.12	15.21 -0.29 -0.14	13.98 -0.25 -0.19	14.18 -0.21 -0.23	15.20 -0.12 -0.38	18.57 -0.24 -0.33	19.97 -0.32 -0.27	20.67 -0.31 -0.20	17.44 -0.33 -0.18	16.89 -0.20 -0.09	7.98 -0.33 -0.14
MECO____69_KV_BK1 80468	26.78 0.53 -21.15	24.40 0.49 -18.81	23.16 0.46 -17.83	23.84 0.45 -18.66	23.90 0.50 -18.30	25.54 0.84 -16.95	37.07 0.80 -29.06	35.15 1.41 -19.30	29.33 1.55 -10.39	24.24 1.44 -5.87	23.68 1.24 -5.63	23.94 1.36 -6.05	26.80 1.30 -9.64	32.04 1.29 -15.39	34.47 1.32 -17.78	40.01 1.33 -24.63	45.46 1.47 -29.82	65.96 1.69 -49.33	63.24 2.18 -42.57	57.04 2.42 -34.60	50.06 2.58 -26.70	43.09 2.09 -23.40	31.32 1.94 -12.38	28.22 0.82 -19.23
MENANDS__115KV_TB5 355628	23.10 0.12 -17.88	21.11 0.12 -15.90	20.05 0.11 -15.07	20.61 0.10 -15.77	20.68 0.12 -15.47	22.27 0.19 -14.33	31.92 0.14 -24.57	31.02 0.27 -16.32	26.54 0.37 -8.78	22.21 0.37 -4.90	21.91 0.39 -4.73	22.01 0.40 -5.08	24.18 0.36 -7.96	28.24 0.35 -12.54	30.31 0.37 -14.57	34.58 0.34 -20.20	39.05 0.37 -24.52	55.58 0.37 -40.26	53.80 0.48 -34.84	48.86 0.52 -28.32	43.54 0.54 -22.22	37.49 0.44 -19.45	27.89 0.43 -10.46	24.61 0.19 -16.26
MG INDUSTRY___DRP 24185	22.85 0.16 -17.58	20.89 0.16 -15.64	19.84 0.15 -14.82	20.39 0.15 -15.51	20.46 0.16 -15.21	22.09 0.25 -14.09	31.57 0.20 -24.16	30.85 0.38 -16.05	26.50 0.47 -8.64	22.25 0.46 -4.86	21.93 0.45 -4.67	22.01 0.46 -5.02	24.26 0.44 -7.96	28.44 0.41 -12.67	30.46 0.43 -14.66	34.76 0.41 -20.31	39.16 0.40 -24.60	55.97 0.40 -40.62	54.08 0.52 -35.08	49.09 0.56 -28.51	43.49 0.60 -22.10	37.46 0.49 -19.36	27.77 0.48 -10.29	24.37 0.22 -15.99
MID___OSWEGATCHIE_HYD 23849	5.19 -0.27 -0.35	5.14 -0.27 -0.31	4.90 -0.26 -0.29	4.79 -0.25 -0.31	5.14 -0.25 -0.30	7.65 -0.38 -0.28	7.36 -0.32 -0.48	14.37 -0.38 -0.32	16.98 -0.59 -0.17	16.45 -0.58 -0.10	16.32 -0.57 -0.09	16.00 -0.63 -0.10	15.45 -0.57 -0.16	15.03 -0.58 -0.26	15.07 -0.60 -0.30	13.91 -0.55 -0.41	14.17 -0.50 -0.50	15.36 -0.42 -0.83	18.67 -0.54 -0.72	20.00 -0.60 -0.58	20.69 -0.54 -0.44	17.50 -0.49 -0.39	16.78 -0.43 -0.20	8.12 -0.36 -0.31
MID___RAQUETTE_HYD 23851	4.92 -0.37 -0.18	4.90 -0.36 -0.16	4.68 -0.35 -0.16	4.56 -0.33 -0.16	4.91 -0.34 -0.16	7.34 -0.56 -0.15	6.98 -0.48 -0.25	14.12 -0.48 -0.17	16.79 -0.70 -0.09	16.32 -0.66 -0.05	16.19 -0.66 -0.05	15.91 -0.68 -0.05	15.29 -0.65 -0.09	14.85 -0.64 -0.14	14.87 -0.66 -0.16	13.66 -0.60 -0.22	13.86 -0.57 -0.27	14.90 -0.49 -0.44	18.15 -0.72 -0.38	19.51 -0.82 -0.31	20.15 -0.87 -0.24	17.00 -0.81 -0.21	16.45 -0.66 -0.11	7.77 -0.55 -0.17
MILLIKEN___1 23584	7.88 0.13 -2.64	7.56 0.12 -2.35	7.21 0.11 -2.22	7.16 0.10 -2.33	7.48 0.11 -2.28	10.10 0.22 -2.11	11.05 0.22 -3.63	17.11 0.27 -2.41	18.95 0.26 -1.30	17.87 0.20 -0.74	17.68 0.17 -0.71	17.49 0.20 -0.76	17.25 0.16 -1.23	17.53 0.18 -2.00	17.84 0.18 -2.29	17.38 0.17 -3.17	18.18 0.18 -3.83	21.52 0.19 -6.38	24.33 0.35 -5.49	24.96 0.48 -4.46	24.69 0.52 -3.39	21.03 0.46 -2.97	18.94 0.39 -1.54	10.82 0.26 -2.40
MILLIKEN___2 23585	7.88 0.13 -2.64	7.56 0.12 -2.35	7.21 0.11 -2.22	7.16 0.10 -2.33	7.48 0.11 -2.28	10.10 0.22 -2.11	11.05 0.22 -3.63	17.11 0.27 -2.41	18.95 0.26 -1.30	17.87 0.20 -0.74	17.68 0.17 -0.71	17.49 0.20 -0.76	17.25 0.16 -1.23	17.53 0.18 -2.00	17.84 0.18 -2.29	17.38 0.17 -3.17	18.18 0.18 -3.83	21.52 0.19 -6.38	24.33 0.35 -5.49	24.96 0.48 -4.46	24.69 0.52 -3.39	21.03 0.46 -2.97	18.94 0.39 -1.54	10.82 0.26 -2.40
MILLIKEN___DIESEL 23629	7.88 0.13 -2.64	7.56 0.12 -2.35	7.21 0.11 -2.22	7.16 0.10 -2.33	7.48 0.11 -2.28	10.10 0.22 -2.11	11.05 0.22 -3.63	17.11 0.27 -2.41	18.95 0.26 -1.30	17.87 0.20 -0.74	17.68 0.17 -0.71	17.49 0.20 -0.76	17.25 0.16 -1.23	17.53 0.18 -2.00	17.84 0.18 -2.29	17.38 0.17 -3.17	18.18 0.18 -3.83	21.52 0.19 -6.38	24.33 0.35 -5.49	24.96 0.48 -4.46	24.69 0.52 -3.39	21.03 0.46 -2.97	18.94 0.39 -1.54	10.82 0.26 -2.40
MILLSEAT___LFGE 323607	7.31 0.22 -1.98	7.05 0.19 -1.76	6.72 0.18 -1.67	6.65 0.18 -1.75	6.97 0.17 -1.71	9.69 0.35 -1.59	10.09 0.17 -2.72	16.15 -0.09 -1.81	18.13 -0.24 -0.97	17.14 -0.34 -0.55	17.01 -0.32 -0.53	16.80 -0.30 -0.57	16.49 -0.28 -0.91	16.56 -0.26 -1.47	16.80 -0.26 -1.69	16.11 -0.28 -2.34	16.71 -0.28 -2.83	19.26 -0.39 -4.70	22.02 -0.52 -4.05	22.79 -0.48 -3.25	22.77 -0.50 -2.48	19.48 -0.30 -2.18	17.89 -0.25 -1.14	10.12 0.19 -1.78
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.81 0.31 -14.39	18.21 0.32 -12.79	17.30 0.30 -12.13	17.72 0.29 -12.69	17.85 0.31 -12.45	19.77 0.49 -11.53	27.44 0.46 -19.77	28.46 0.89 -13.13	25.66 1.20 -7.07	22.26 1.20 -4.12	21.91 1.21 -3.90	21.92 1.19 -4.20	23.97 1.14 -6.97	27.98 1.11 -11.52	29.61 1.14 -13.10	33.16 1.01 -18.11	36.94 0.98 -21.80	52.74 1.08 -36.72	51.25 1.28 -31.48	46.95 1.36 -25.56	41.11 1.39 -18.94	35.37 1.13 -16.64	26.53 1.11 -8.42	21.78 0.54 -13.08

MILLWOOD_13_KV_LOAD 356217	19.82 0.32 -14.39	18.21 0.32 -12.79	17.30 0.31 -12.13	17.73 0.31 -12.69	17.86 0.32 -12.45	19.79 0.50 -11.53	27.44 0.47 -19.77	28.46 0.89 -13.13	25.68 1.22 -7.07	22.27 1.22 -4.12	21.93 1.23 -3.90	21.95 1.22 -4.20	24.01 1.19 -6.97	28.02 1.15 -11.52	29.64 1.17 -13.10	33.21 1.05 -18.11	37.00 1.03 -21.80	52.79 1.12 -36.72	51.30 1.33 -31.48	46.99 1.40 -25.56	41.15 1.43 -18.94	35.40 1.16 -16.64	26.55 1.12 -8.42	21.80 0.55 -13.08
MODEL_CITY_ENERGY 24167	7.28 0.06 -2.11	7.01 0.04 -1.88	6.70 0.05 -1.78	6.64 0.04 -1.87	6.95 0.03 -1.83	9.57 0.12 -1.69	10.03 -0.08 -2.91	15.62 -0.74 -1.93	17.43 -1.01 -1.04	16.51 -1.02 -0.59	16.36 -1.01 -0.57	16.16 -0.98 -0.61	15.91 -0.92 -0.98	16.05 -0.87 -1.57	16.30 -0.88 -1.81	15.72 -0.83 -2.50	16.31 -0.88 -3.03	18.94 -1.03 -5.02	21.49 -1.33 -4.33	22.07 -1.42 -3.47	22.00 -1.43 -2.65	18.83 -1.09 -2.33	17.26 -0.97 -1.22	9.94 -0.11 -1.90
MODERN_LFGE_ 323580	7.28 0.06 -2.11	7.01 0.04 -1.88	6.70 0.05 -1.78	6.64 0.04 -1.87	6.95 0.03 -1.83	9.57 0.12 -1.69	10.03 -0.08 -2.91	15.62 -0.74 -1.93	17.43 -1.01 -1.04	16.51 -1.02 -0.59	16.36 -1.01 -0.57	16.16 -0.98 -0.61	15.91 -0.92 -0.98	16.05 -0.87 -1.57	16.30 -0.88 -1.81	15.72 -0.83 -2.50	16.31 -0.88 -3.03	18.94 -1.03 -5.02	21.49 -1.33 -4.33	22.07 -1.42 -3.47	22.00 -1.43 -2.65	18.83 -1.09 -2.33	17.26 -0.97 -1.22	9.94 -0.11 -1.90
MOHAWK_PAPER___DRP 24187	23.39 0.19 -18.09	21.37 0.19 -16.09	20.30 0.18 -15.25	20.87 0.17 -15.96	20.93 0.19 -15.65	22.55 0.29 -14.50	32.32 0.25 -24.86	31.43 0.49 -16.51	26.91 0.63 -8.89	22.49 0.59 -4.97	22.18 0.59 -4.79	22.27 0.60 -5.15	24.50 0.57 -8.07	28.66 0.57 -12.73	30.75 0.58 -14.79	35.10 0.55 -20.50	39.62 0.58 -24.88	56.44 0.61 -40.89	54.65 0.79 -35.37	49.63 0.86 -28.75	44.19 0.89 -22.52	38.04 0.72 -19.72	28.29 0.70 -10.59	24.92 0.31 -16.45
MOHICAN__35_KV_115KV_LD 80490	24.17 0.23 -18.83	22.05 0.21 -16.74	20.94 0.19 -15.87	21.53 0.19 -16.61	21.60 0.21 -16.29	23.20 0.36 -15.09	33.40 0.32 -25.87	32.31 0.69 -17.18	27.46 0.82 -9.25	22.86 0.74 -5.19	22.51 0.72 -4.99	22.64 0.74 -5.36	25.08 0.76 -8.46	29.50 0.75 -13.39	31.39 0.49 -15.53	36.06 0.49 -21.52	40.78 0.52 -26.09	58.53 0.61 -42.97	56.44 0.81 -37.14	51.12 0.90 -30.19	45.32 1.00 -23.54	38.99 0.77 -20.62	29.08 1.05 -11.02	25.70 0.42 -17.12
MONGAUP___HYD 23641	17.80 0.29 -12.40	16.42 0.30 -11.03	15.60 0.27 -10.46	15.94 0.26 -10.94	16.11 0.28 -10.73	18.14 0.44 -9.94	24.67 0.42 -17.04	26.52 0.76 -11.32	24.46 0.97 -6.09	21.39 0.91 -3.55	21.05 0.89 -3.36	21.02 0.88 -3.61	22.66 0.82 -5.98	26.02 0.81 -9.85	27.45 0.86 -11.23	30.37 0.81 -15.52	33.58 0.74 -18.69	46.90 0.54 -31.42	46.16 0.72 -26.96	42.82 0.86 -21.94	37.99 0.89 -16.31	32.79 0.86 -14.33	25.17 0.88 -7.28	19.96 0.48 -11.31
MONTAUK___DIESEL 23721	25.88 0.58 -20.20	21.37 0.60 -15.68	20.00 0.57 -14.56	19.93 0.56 -14.63	19.19 0.59 -13.51	21.75 0.92 -13.08	30.05 0.89 -21.96	32.74 1.88 -16.43	31.59 2.21 -11.99	29.97 2.23 -10.80	29.32 2.15 -10.37	29.20 1.93 -10.73	30.66 1.93 -12.87	32.00 1.87 -14.78	31.22 1.88 -13.98	33.88 1.54 -18.30	42.75 1.74 -26.84	54.00 1.96 -37.10	52.44 2.14 -31.81	48.31 2.46 -25.82	47.84 2.68 -24.37	36.50 2.08 -16.82	29.99 2.13 -10.86	28.57 1.02 -19.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	7.84 0.28 -2.46	7.52 0.23 -2.18	7.18 0.24 -2.07	7.12 0.22 -2.17	7.44 0.22 -2.12	10.18 0.46 -1.97	10.96 0.38 -3.37	16.93 0.26 -2.24	18.81 0.21 -1.21	17.82 0.20 -0.69	17.61 0.15 -0.66	17.42 0.18 -0.71	17.13 0.13 -1.15	17.33 0.12 -1.86	17.62 0.12 -2.13	17.05 0.06 -2.95	17.77 0.04 -3.56	20.84 -0.04 -5.94	23.56 -0.04 -5.11	24.12 -0.06 -4.15	23.98 0.04 -3.15	20.35 -0.02 -2.76	18.48 0.03 -1.44	10.66 0.27 -2.23
MORTIMER_115KV_TB3 55949	6.92 0.11 -1.70	6.69 0.08 -1.51	6.38 0.08 -1.44	6.31 0.08 -1.50	6.63 0.07 -1.47	9.29 0.17 -1.36	9.64 0.09 -2.34	15.83 -0.16 -1.55	17.95 -0.28 -0.84	17.10 -0.30 -0.48	16.99 -0.27 -0.46	16.74 -0.28 -0.49	16.42 -0.24 -0.80	16.41 -0.23 -1.29	16.62 -0.23 -1.48	15.87 -0.22 -2.05	16.39 -0.24 -2.47	18.74 -0.33 -4.12	21.61 -0.43 -3.55	22.48 -0.42 -2.88	22.53 -0.44 -2.19	19.24 -0.28 -1.92	17.75 -0.26 -1.00	9.80 0.09 -1.55
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.99 0.34 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.33 -12.59	19.94 0.53 -11.66	27.69 0.50 -19.99	28.69 0.98 -13.28	25.90 1.36 -7.15	22.45 1.35 -4.17	22.11 1.36 -3.95	22.11 1.34 -4.24	24.18 1.28 -7.04	28.23 1.24 -11.63	29.87 1.26 -13.24	33.45 1.11 -18.29	37.25 1.06 -22.03	53.26 1.23 -37.09	51.73 1.44 -31.81	47.35 1.50 -25.82	41.44 1.52 -19.14	35.65 1.23 -16.82	26.73 1.21 -8.51	21.98 0.60 -13.23
MUNSVILLE_WIND_PWR 323609	10.93 0.49 -5.34	10.32 0.47 -4.75	9.81 0.44 -4.50	9.86 0.42 -4.71	10.20 0.49 -4.62	12.89 0.85 -4.28	15.34 0.80 -7.33	20.82 1.51 -4.87	21.67 1.65 -2.62	19.93 1.51 -1.49	19.60 1.38 -1.43	19.35 1.29 -1.53	19.51 1.19 -2.46	20.40 1.09 -3.96	20.98 1.05 -4.56	21.33 0.97 -6.31	22.88 1.08 -7.64	28.89 1.27 -12.68	31.26 1.85 -10.93	27.83 1.46 -6.35	27.43 1.79 -4.86	23.37 1.51 -4.26	20.65 1.41 -2.23	12.36 0.73 -3.47
N SALMON___HYD 24042	4.83 -0.28 0.00	4.84 -0.26 0.00	4.62 -0.25 0.00	4.51 -0.22 0.00	4.87 -0.22 0.00	7.39 -0.36 0.00	6.95 -0.25 0.00	14.27 -0.16 0.00	17.17 -0.23 0.00	16.73 -0.20 0.00	16.58 -0.22 0.00	16.25 -0.28 0.00	15.62 -0.24 0.00	15.09 -0.26 0.00	15.09 -0.28 0.00	13.81 -0.24 0.00	13.94 -0.23 0.00	14.82 -0.12 0.00	18.38 -0.11 0.00	19.84 -0.18 0.00	20.43 -0.35 0.00	17.12 -0.47 0.00	16.55 -0.46 0.00	7.82 -0.34 0.00
N.AKRON__115KV_KNAPP 355671	7.30 0.18 -2.01	7.04 0.15 -1.79	6.72 0.15 -1.70	6.65 0.15 -1.77	6.96 0.13 -1.74	9.66 0.29 -1.61	10.13 0.16 -2.76	15.99 -0.27 -1.84	17.92 -0.47 -0.99	16.97 -0.52 -0.57	16.84 -0.50 -0.54	16.63 -0.48 -0.58	16.34 -0.46 -0.94	16.43 -0.45 -1.52	16.69 -0.43 -1.75	16.03 -0.44 -2.42	16.63 -0.45 -2.92	19.23 -0.58 -4.87	21.92 -0.76 -4.19	22.64 -0.78 -3.40	22.60 -0.77 -2.58	19.32 -0.55 -2.26	17.72 -0.46 -1.18	10.09 0.10 -1.83
N.BELMOR_69_KV_BK1 55787	25.57 0.42 -20.05	21.12 0.42 -15.60	19.77 0.40 -14.50	19.71 0.39 -14.58	19.00 0.42 -13.49	21.46 0.66 -13.04	29.72 0.61 -21.90	32.09 1.23 -16.43	31.00 1.62 -11.99	29.36 1.63 -10.80	28.72 1.55 -10.37	28.70 1.44 -10.73	30.16 1.43 -12.87	31.50 1.37 -14.78	30.72 1.37 -13.98	33.45 1.11 -18.30	42.19 1.19 -26.84	53.31 1.27 -37.10	51.70 1.41 -31.81	47.41 1.56 -25.82	46.84 1.68 -24.37	35.84 1.43 -16.82	29.35 1.48 -10.86	28.28 0.73 -19.39
N.E._GEN_SANDY PD 24062	21.77 0.22 -16.44	19.94 0.22 -14.62	18.95 0.22 -13.86	19.45 0.21 -14.51	19.54 0.22 -14.23	21.27 0.34 -13.18	30.11 0.31 -22.59	30.00 0.56 -15.01	26.20 0.73 -8.08	21.53 0.69 -3.91	21.52 0.71 -4.02	21.52 0.68 -4.32	21.95 0.65 -5.44	22.73 0.63 -6.75	24.81 0.65 -8.80	27.00 0.58 -12.38	30.38 0.57 -15.65	38.20 0.61 -22.64	39.80 0.76 -20.55	37.65 0.80 -16.83	38.55 0.85 -16.91	32.92 0.70 -14.62	27.30 0.66 -9.63	23.45 0.33 -14.96

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.77 0.32 -13.34	17.28 0.32 -11.86	16.42 0.30 -11.25	16.80 0.30 -11.77	16.95 0.32 -11.54	18.94 0.50 -10.69	26.00 0.47 -18.33	27.50 0.89 -12.17	25.15 1.20 -6.55	21.93 1.19 -3.82	21.61 1.19 -3.62	21.61 1.19 -3.89	23.43 1.13 -6.45	27.07 1.07 -10.65	28.61 1.12 -12.12	31.80 1.01 -16.75	35.31 0.98 -20.17	49.91 1.02 -33.95	48.82 1.22 -29.11	45.00 1.34 -23.64	39.71 1.39 -17.53	34.15 1.14 -15.41	25.90 1.09 -7.81	20.83 0.54 -12.13
N. QUEENS_27_KV_LOAD 356247	20.00 0.35 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.88 0.31 -12.83	18.01 0.33 -12.59	19.92 0.50 -11.66	27.65 0.46 -19.99	28.63 0.92 -13.28	25.85 1.30 -7.15	22.42 1.32 -4.17	22.11 1.36 -3.95	22.09 1.32 -4.24	24.17 1.27 -7.04	28.24 1.26 -11.63	29.82 1.21 -13.24	33.42 1.08 -18.29	37.18 0.99 -22.03	53.23 1.20 -37.09	51.71 1.42 -31.80	47.27 1.42 -25.82	41.33 1.41 -19.14	35.56 1.14 -16.82	26.74 1.22 -8.51	22.02 0.64 -13.23
N. TROY___115KV_TB1 355778	23.63 0.19 -18.33	21.58 0.18 -16.30	20.50 0.18 -15.46	21.08 0.17 -16.18	21.14 0.18 -15.86	22.73 0.29 -14.69	32.65 0.25 -25.19	31.65 0.49 -16.73	27.01 0.61 -9.01	22.50 0.56 -5.01	22.19 0.55 -4.84	22.27 0.55 -5.20	24.49 0.52 -8.11	28.59 0.52 -12.71	30.67 0.49 -14.81	35.04 0.46 -20.53	39.58 0.48 -24.93	56.32 0.52 -40.85	54.53 0.67 -35.38	49.51 0.72 -28.76	44.25 0.79 -22.67	38.08 0.63 -19.85	28.38 0.65 -10.73	25.13 0.29 -16.67
NARROWS_GT1_1 24228	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_2 24229	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_3 24230	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_4 24231	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_5 24232	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_6 24233	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_7 24234	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT1_8 24235	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_1 24236	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_2 24237	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_3 24238	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_4 24239	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23

NARROWS_GT2_5 24240	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_6 24241	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_7 24242	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NARROWS_GT2_8 24243	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.79 0.15 -16.53	19.95 0.15 -14.70	18.94 0.14 -13.93	19.45 0.13 -14.58	19.55 0.15 -14.30	21.24 0.24 -13.24	30.13 0.21 -22.71	29.95 0.43 -15.08	26.02 0.50 -8.12	21.97 0.44 -4.60	21.64 0.44 -4.41	21.71 0.45 -4.74	23.83 0.41 -7.56	27.92 0.46 -12.10	29.88 0.54 -13.97	33.89 0.51 -19.34	38.01 0.44 -23.41	54.09 0.37 -38.78	52.53 0.59 -33.45	47.96 0.76 -27.18	42.51 0.81 -20.92	36.59 0.65 -18.34	27.27 0.60 -9.67	23.43 0.24 -15.03
NCHELSEA_115KV_TR2 355582	19.90 0.34 -14.46	18.29 0.34 -12.86	17.38 0.32 -12.19	17.80 0.32 -12.76	17.93 0.33 -12.51	19.86 0.52 -11.59	27.55 0.48 -19.87	28.55 0.92 -13.19	25.70 1.20 -7.10	22.25 1.19 -4.14	21.89 1.18 -3.92	21.93 1.19 -4.21	23.98 1.14 -6.98	27.94 1.07 -11.51	29.61 1.14 -13.11	33.20 1.04 -18.11	37.00 1.02 -21.82	52.67 1.02 -36.71	51.26 1.29 -31.48	47.03 1.44 -25.56	41.26 1.50 -18.98	35.51 1.23 -16.68	26.64 1.17 -8.46	21.88 0.57 -13.15
NEG CAPITAL___MECHNVIL 23645	23.95 0.25 -18.59	21.87 0.24 -16.54	20.77 0.22 -15.68	21.35 0.21 -16.41	21.41 0.23 -16.09	23.04 0.38 -14.90	33.12 0.37 -25.55	32.09 0.69 -16.97	27.38 0.85 -9.13	22.81 0.80 -5.08	22.49 0.77 -4.91	22.59 0.78 -5.28	24.87 0.78 -8.23	29.04 0.77 -12.92	31.10 0.69 -15.04	35.58 0.67 -20.86	40.21 0.69 -25.35	57.27 0.76 -41.56	55.45 0.98 -35.99	50.36 1.08 -29.26	44.97 1.14 -23.04	38.68 0.91 -20.17	28.87 0.97 -10.89	25.50 0.42 -16.93
NEG CENTRAL_HIGH_ACRES 23767	6.84 0.01 -1.73	6.62 -0.01 -1.53	6.31 -0.01 -1.45	6.24 -0.01 -1.52	6.56 -0.03 -1.49	9.18 0.04 -1.38	9.54 -0.04 -2.37	15.70 -0.30 -1.57	17.81 -0.43 -0.85	16.97 -0.44 -0.48	16.84 -0.42 -0.46	16.63 -0.40 -0.50	16.28 -0.38 -0.80	16.30 -0.34 -1.28	16.49 -0.35 -1.48	15.75 -0.34 -2.05	16.29 -0.35 -2.48	18.62 -0.43 -4.11	21.53 -0.50 -3.54	22.35 -0.52 -2.85	22.43 -0.54 -2.18	19.11 -0.40 -1.91	17.60 -0.41 -1.00	9.68 -0.04 -1.56
NEG CENTRAL___DRP 24199	7.01 0.08 -1.82	6.78 0.07 -1.62	6.47 0.06 -1.53	6.39 0.06 -1.61	6.72 0.06 -1.57	9.37 0.16 -1.46	9.85 0.14 -2.50	16.18 0.09 -1.66	18.33 0.03 -0.89	17.44 0.00 -0.51	17.29 0.00 -0.49	17.07 0.02 -0.52	16.69 -0.02 -0.85	16.74 0.02 -1.38	16.98 0.03 -1.58	16.24 0.01 -2.19	16.80 0.00 -2.64	19.32 -0.03 -4.40	22.31 0.04 -3.79	23.20 0.10 -3.08	23.22 0.10 -2.34	19.75 0.11 -2.05	18.14 0.07 -1.07	9.95 0.14 -1.65
NEG CENTRAL___INDECK 23768	7.76 0.28 -2.37	7.46 0.25 -2.11	7.10 0.23 -2.00	7.05 0.23 -2.09	7.38 0.23 -2.05	10.11 0.45 -1.90	10.80 0.33 -3.26	16.93 0.33 -2.17	18.79 0.23 -1.17	17.70 0.10 -0.66	17.52 0.08 -0.64	17.23 0.02 -0.68	16.99 0.03 -1.10	17.19 0.08 -1.76	17.51 0.11 -2.03	16.94 0.08 -2.81	17.62 0.06 -3.40	20.69 0.11 -5.64	23.55 0.20 -4.86	24.28 0.36 -3.90	24.14 0.37 -2.98	20.60 0.39 -2.62	18.73 0.36 -1.37	10.68 0.39 -2.13
NEG CENTRAL___SENECA 23627	7.23 0.14 -1.99	6.98 0.12 -1.77	6.66 0.11 -1.68	6.59 0.10 -1.75	6.92 0.11 -1.72	9.59 0.24 -1.59	10.16 0.22 -2.73	16.40 0.16 -1.81	18.48 0.10 -0.98	17.56 0.07 -0.56	17.38 0.05 -0.53	17.19 0.08 -0.57	16.82 0.03 -0.93	16.92 0.06 -1.50	17.17 0.08 -1.73	16.49 0.06 -2.39	17.09 0.04 -2.89	19.75 0.00 -4.81	22.72 0.09 -4.14	23.52 0.14 -3.36	23.50 0.17 -2.55	20.00 0.16 -2.24	18.29 0.12 -1.16	10.16 0.20 -1.81
NEG CENTRAL___STATE_STREET 24147	6.95 0.06 -1.78	6.73 0.05 -1.59	6.41 0.04 -1.50	6.34 0.03 -1.57	6.67 0.04 -1.54	9.31 0.12 -1.43	9.77 0.12 -2.45	16.26 0.20 -1.63	18.50 0.23 -0.88	17.62 0.19 -0.50	17.45 0.17 -0.48	17.13 0.08 -0.51	16.85 0.16 -0.83	16.90 0.20 -1.35	17.13 0.22 -1.55	16.37 0.18 -2.14	16.92 0.17 -2.59	19.40 0.15 -4.31	22.46 0.26 -3.71	23.36 0.32 -3.01	23.43 0.35 -2.29	19.92 0.32 -2.01	18.30 0.26 -1.04	9.98 0.20 -1.62
NEG MILLWOOD___DRP 24198	20.13 0.34 -14.69	18.50 0.34 -13.06	17.58 0.33 -12.38	18.02 0.33 -12.96	18.14 0.34 -12.71	20.05 0.53 -11.77	27.88 0.49 -20.19	28.75 0.91 -13.41	25.83 1.22 -7.22	22.34 1.20 -4.21	22.01 1.23 -3.98	22.05 1.24 -4.28	24.18 1.22 -7.10	28.22 1.15 -11.72	29.92 1.21 -13.34	33.60 1.12 -18.43	37.47 1.10 -22.20	53.43 1.12 -37.36	51.92 1.39 -32.04	47.54 1.50 -26.02	41.60 1.52 -19.30	35.79 1.23 -16.96	26.76 1.16 -8.60	22.10 0.58 -13.36
NEG NORTH_FLCN_SEA 23793	4.98 -0.19 -0.07	4.98 -0.17 -0.06	4.76 -0.17 -0.06	4.66 -0.13 -0.06	5.03 -0.12 -0.06	7.61 -0.20 -0.05	7.20 -0.10 -0.09	14.70 0.20 -0.06	17.67 0.24 -0.03	17.20 0.25 -0.02	17.02 0.20 -0.02	16.67 0.12 -0.02	16.06 0.17 -0.03	15.54 0.14 -0.05	15.55 0.12 -0.06	14.24 0.11 -0.08	14.37 0.11 -0.10	15.33 0.22 -0.16	19.02 0.39 -0.14	20.52 0.38 -0.11	21.02 0.15 -0.09	17.60 -0.07 -0.08	16.91 -0.14 -0.04	8.08 -0.15 -0.06
NEG NORTH_KES_CHATEGAY 23792	4.90 -0.28 -0.07	4.90 -0.26 -0.06	4.68 -0.25 -0.06	4.58 -0.21 -0.06	4.93 -0.22 -0.06	7.46 -0.36 -0.06	7.04 -0.26 -0.10	14.32 -0.17 -0.07	17.22 -0.21 -0.04	16.76 -0.19 -0.02	16.58 -0.24 -0.02	16.25 -0.30 -0.02	15.65 -0.24 -0.03	15.16 -0.25 -0.05	15.17 -0.26 -0.06	13.90 -0.22 -0.08	14.04 -0.23 -0.10	14.98 -0.13 -0.17	18.54 -0.09 -0.15	19.98 -0.16 -0.12	20.50 -0.37 -0.09	17.20 -0.48 -0.08	16.54 -0.51 -0.04	7.90 -0.33 -0.06

NEG NORTH___ALICE_FALLS 23915	4.98 -0.20 -0.07	4.98 -0.18 -0.06	4.75 -0.18 -0.06	4.66 -0.13 -0.06	5.02 -0.13 -0.06	7.61 -0.20 -0.06	7.21 -0.09 -0.09	14.68 0.19 -0.06	17.66 0.23 -0.03	17.17 0.22 -0.02	16.97 0.15 -0.02	16.63 0.08 -0.02	16.02 0.13 -0.03	15.50 0.09 -0.05	15.52 0.09 -0.06	14.22 0.10 -0.08	14.36 0.10 -0.10	15.33 0.22 -0.16	19.02 0.39 -0.14	20.50 0.36 -0.11	21.02 0.15 -0.09	17.59 -0.09 -0.08	16.89 -0.15 -0.04	8.06 -0.16 -0.06
NEG NORTH___LWR_SARANAC 23913	4.98 -0.20 -0.07	4.98 -0.18 -0.06	4.75 -0.18 -0.06	4.66 -0.13 -0.06	5.02 -0.13 -0.06	7.61 -0.20 -0.06	7.21 -0.09 -0.09	14.68 0.19 -0.06	17.66 0.23 -0.03	17.17 0.22 -0.02	16.97 0.15 -0.02	16.63 0.08 -0.02	16.02 0.13 -0.03	15.50 0.09 -0.05	15.52 0.09 -0.06	14.22 0.10 -0.08	14.36 0.10 -0.10	15.33 0.22 -0.16	19.02 0.39 -0.14	20.50 0.36 -0.11	21.02 0.15 -0.09	17.59 -0.09 -0.08	16.89 -0.15 -0.04	8.06 -0.16 -0.06
NEG NORTH___PLATTSBURG 23628	4.91 -0.20 0.00	4.92 -0.18 0.00	4.69 -0.18 0.00	4.60 -0.13 0.00	4.96 -0.13 0.00	7.55 -0.20 0.00	7.14 -0.06 0.00	14.62 0.19 0.00	17.62 0.23 0.00	17.15 0.22 0.00	16.95 0.15 0.00	16.61 0.08 0.00	15.98 0.13 0.00	15.45 0.09 0.00	15.46 0.09 0.00	14.14 0.10 0.00	14.26 0.10 0.00	15.17 0.22 0.00	18.88 0.39 0.00	20.38 0.36 0.00	20.93 0.15 0.00	17.51 -0.09 0.00	16.85 -0.15 0.00	8.00 -0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	7.32 0.11 -2.10	7.05 0.08 -1.87	6.73 0.09 -1.77	6.67 0.09 -1.86	6.98 0.07 -1.82	9.63 0.19 -1.69	10.15 0.05 -2.89	15.79 -0.56 -1.92	17.63 -0.80 -1.03	16.71 -0.81 -0.59	16.54 -0.82 -0.56	16.36 -0.78 -0.61	16.11 -0.73 -0.98	16.24 -0.71 -1.59	16.50 -0.69 -1.83	15.90 -0.67 -2.53	16.52 -0.69 -3.05	19.18 -0.85 -5.09	21.76 -1.11 -4.38	22.40 -1.18 -3.56	22.32 -1.16 -2.70	19.09 -0.88 -2.37	17.45 -0.78 -1.23	10.04 -0.03 -1.91
NEG WEST___LANCASTR 23811	7.59 0.01 -2.48	7.28 -0.02 -2.20	6.96 0.00 -2.09	6.91 0.00 -2.18	7.21 -0.03 -2.14	9.79 0.05 -1.98	10.58 -0.03 -3.40	16.13 -0.56 -2.26	17.83 -0.78 -1.22	16.85 -0.78 -0.70	16.66 -0.81 -0.66	16.50 -0.74 -0.71	16.30 -0.71 -1.16	16.55 -0.68 -1.87	16.86 -0.66 -2.15	16.37 -0.65 -2.98	17.08 -0.68 -3.60	20.11 -0.82 -5.99	22.59 -1.05 -5.16	23.07 -1.14 -4.19	22.88 -1.08 -3.18	19.49 -0.90 -2.79	17.64 -0.82 -1.45	10.27 -0.14 -2.25
NEG_PENN_ALLEGHNY 23528	9.45 0.11 -4.23	8.96 0.10 -3.76	8.53 0.10 -3.56	8.55 0.09 -3.73	8.84 0.09 -3.66	11.34 0.19 -3.39	13.17 0.16 -5.81	18.46 0.17 -3.86	19.65 0.17 -2.08	18.26 0.15 -1.18	18.07 0.13 -1.13	17.88 0.13 -1.22	17.95 0.14 -1.95	18.65 0.15 -3.14	19.14 0.15 -3.62	19.19 0.14 -5.01	20.33 0.11 -6.06	25.09 0.09 -10.06	27.30 0.15 -8.67	27.02 0.20 -6.80	26.22 0.23 -5.20	22.39 0.23 -4.56	19.60 0.20 -2.39	12.06 0.18 -3.72
NEG___GEN_MONROE 24207	7.01 0.16 -1.75	6.78 0.13 -1.55	6.45 0.11 -1.47	6.39 0.11 -1.54	6.71 0.11 -1.51	9.40 0.24 -1.40	9.74 0.14 -2.40	15.91 -0.12 -1.60	17.99 -0.26 -0.86	17.08 -0.34 -0.49	16.97 -0.30 -0.47	16.75 -0.28 -0.50	16.37 -0.30 -0.82	16.40 -0.28 -1.32	16.61 -0.28 -1.52	15.86 -0.28 -2.10	16.40 -0.30 -2.54	18.81 -0.36 -4.23	21.65 -0.48 -3.64	22.54 -0.44 -2.96	22.59 -0.44 -2.24	19.27 -0.30 -1.97	17.81 -0.22 -1.02	9.87 0.12 -1.59
NEPA___ENERGY 23901	8.08 0.08 -2.90	7.73 0.06 -2.58	7.38 0.07 -2.45	7.35 0.06 -2.56	7.65 0.05 -2.51	10.22 0.14 -2.32	11.26 0.06 -3.99	16.76 -0.32 -2.65	18.35 -0.47 -1.42	17.25 -0.49 -0.82	17.07 -0.50 -0.78	16.89 -0.48 -0.84	16.77 -0.44 -1.36	17.13 -0.41 -2.20	17.49 -0.40 -2.52	17.14 -0.39 -3.49	17.94 -0.44 -4.21	21.41 -0.55 -7.02	23.77 -0.76 -6.04	24.15 -0.78 -4.91	23.80 -0.71 -3.72	20.32 -0.55 -3.27	18.21 -0.49 -1.70	10.79 -0.01 -2.64
NEVERSINK___HYD 23608	16.80 0.43 -11.26	15.55 0.45 -10.01	14.77 0.41 -9.49	15.06 0.40 -9.93	15.26 0.43 -9.74	17.43 0.66 -9.02	23.24 0.57 -15.47	25.80 1.10 -10.27	24.27 1.34 -5.53	21.39 1.27 -3.19	21.08 1.24 -3.03	21.14 1.36 -3.26	22.36 1.17 -5.33	25.14 1.09 -8.70	26.12 0.80 -9.95	28.56 0.76 -13.76	31.61 0.78 -16.67	43.54 0.67 -27.92	43.41 0.94 -23.98	41.09 1.14 -19.93	37.47 1.72 -14.96	32.16 1.42 -13.13	25.11 1.36 -6.74	19.32 0.69 -10.48
NEWKRMKL_115KV_TB1 55635	23.17 0.09 -17.98	21.17 0.09 -15.99	20.11 0.08 -15.16	20.67 0.08 -15.86	20.74 0.09 -15.56	22.31 0.15 -14.41	32.01 0.10 -24.71	31.04 0.20 -16.41	26.51 0.28 -8.83	22.16 0.29 -4.94	21.88 0.32 -4.76	21.99 0.35 -5.12	24.18 0.29 -8.04	28.34 0.29 -12.70	30.42 0.31 -14.74	34.76 0.28 -20.43	39.26 0.31 -24.78	56.03 0.33 -40.76	54.16 0.43 -35.25	49.11 0.44 -28.65	43.67 0.48 -22.41	37.59 0.37 -19.62	27.89 0.36 -10.52	24.66 0.15 -16.35
NEWTON___FALLS_HYD 23847	5.19 -0.27 -0.35	5.14 -0.27 -0.31	4.90 -0.26 -0.29	4.79 -0.25 -0.31	5.14 -0.25 -0.30	7.65 -0.38 -0.28	7.36 -0.32 -0.48	14.37 -0.38 -0.32	16.98 -0.59 -0.17	16.45 -0.58 -0.10	16.32 -0.57 -0.09	16.00 -0.63 -0.10	15.45 -0.57 -0.16	15.03 -0.58 -0.26	15.07 -0.60 -0.30	13.91 -0.55 -0.41	14.17 -0.50 -0.50	15.36 -0.42 -0.83	18.67 -0.54 -0.72	20.00 -0.60 -0.58	20.69 -0.54 -0.44	17.50 -0.49 -0.39	16.78 -0.43 -0.20	8.12 -0.36 -0.31
NGRID_A1_DSASP 323792	7.26 0.01 -2.14	6.98 -0.02 -1.90	6.68 0.00 -1.80	6.62 0.00 -1.89	6.92 -0.03 -1.85	9.51 0.04 -1.71	10.01 -0.13 -2.94	15.53 -0.85 -1.95	17.33 -1.11 -1.05	16.43 -1.10 -0.60	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.85 -1.00 -0.99	15.97 -0.97 -1.59	16.20 -1.00 -1.83	15.63 -0.94 -2.53	16.26 -0.96 -3.06	18.90 -1.12 -5.08	21.40 -1.46 -4.38	21.96 -1.56 -3.50	21.91 -1.56 -2.68	18.71 -1.23 -2.35	17.17 -1.07 -1.23	9.90 -0.18 -1.92
NGRID_A2_DSASP 323793	7.26 0.01 -2.14	6.98 -0.02 -1.90	6.68 0.00 -1.80	6.62 0.00 -1.89	6.92 -0.03 -1.85	9.51 0.04 -1.71	10.01 -0.13 -2.94	15.53 -0.85 -1.95	17.33 -1.11 -1.05	16.43 -1.10 -0.60	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.85 -1.00 -0.99	15.97 -0.97 -1.59	16.20 -1.00 -1.83	15.63 -0.94 -2.53	16.26 -0.96 -3.06	18.90 -1.12 -5.08	21.40 -1.46 -4.38	21.96 -1.56 -3.50	21.91 -1.56 -2.68	18.71 -1.23 -2.35	17.17 -1.07 -1.23	9.90 -0.18 -1.92
NGRID_A4_DSASP 323807	7.26 0.01 -2.14	6.98 -0.02 -1.90	6.68 0.00 -1.80	6.62 0.00 -1.89	6.92 -0.03 -1.85	9.51 0.04 -1.71	10.01 -0.13 -2.94	15.53 -0.85 -1.95	17.33 -1.11 -1.05	16.43 -1.10 -0.60	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.85 -1.00 -0.99	15.97 -0.97 -1.59	16.20 -1.00 -1.83	15.63 -0.94 -2.53	16.26 -0.96 -3.06	18.90 -1.12 -5.08	21.40 -1.46 -4.38	21.96 -1.56 -3.50	21.91 -1.56 -2.68	18.71 -1.23 -2.35	17.17 -1.07 -1.23	9.90 -0.18 -1.92
NIAGARA_115E_LBMP 323715	7.28 0.04 -2.13	7.00 0.02 -1.89	6.70 0.03 -1.79	6.63 0.02 -1.88	6.94 0.01 -1.84	9.55 0.09 -1.71	10.01 -0.12 -2.92	15.55 -0.82 -1.94	17.33 -1.11 -1.05	16.42 -1.10 -0.59	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.82 -1.02 -0.98	15.97 -0.97 -1.58	16.22 -0.97 -1.82	15.65 -0.91 -2.52	16.25 -0.96 -3.05	18.88 -1.12 -5.06	21.39 -1.46 -4.36	21.95 -1.56 -3.49	21.89 -1.56 -2.67	18.74 -1.20 -2.34	17.16 -1.07 -1.23	9.91 -0.16 -1.91

NIAGARA_115W_LBMP 323714	7.24 0.00 -2.13	6.97 -0.03 -1.90	6.66 -0.01 -1.80	6.60 -0.01 -1.88	6.90 -0.04 -1.85	9.48 0.02 -1.71	9.99 -0.15 -2.93	15.48 -0.89 -1.95	17.30 -1.15 -1.05	16.37 -1.15 -0.60	16.23 -1.14 -0.57	16.04 -1.11 -0.61	15.80 -1.05 -0.99	15.94 -1.00 -1.58	16.16 -1.03 -1.82	15.60 -0.97 -2.52	16.23 -0.99 -3.06	18.85 -1.17 -5.07	21.34 -1.52 -4.37	21.90 -1.62 -3.50	21.84 -1.62 -2.68	18.67 -1.27 -2.34	17.13 -1.11 -1.23	9.87 -0.20 -1.91
NIAGARA_230_LBMP 323716	7.28 0.07 -2.11	7.02 0.04 -1.88	6.71 0.06 -1.78	6.64 0.05 -1.86	6.95 0.03 -1.83	9.57 0.12 -1.69	10.06 -0.05 -2.90	15.71 -0.65 -1.93	17.53 -0.91 -1.04	16.62 -0.90 -0.59	16.46 -0.91 -0.56	16.26 -0.88 -0.61	16.01 -0.83 -0.97	16.14 -0.78 -1.57	16.39 -0.78 -1.80	15.80 -0.74 -2.50	16.42 -0.77 -3.02	19.03 -0.93 -5.02	21.59 -1.22 -4.32	22.20 -1.28 -3.46	22.14 -1.29 -2.65	18.94 -0.99 -2.32	17.36 -0.87 -1.22	9.96 -0.09 -1.89
NIAGARA__115KV_198_GIBSON 55903	7.26 0.00 -2.15	6.98 -0.03 -1.91	6.67 -0.01 -1.81	6.61 -0.01 -1.90	6.91 -0.04 -1.86	9.49 0.02 -1.72	10.06 -0.10 -2.95	15.50 -0.89 -1.96	17.30 -1.15 -1.06	16.38 -1.15 -0.60	16.23 -1.14 -0.58	16.04 -1.11 -0.62	15.81 -1.05 -1.00	15.98 -1.00 -1.62	16.20 -1.03 -1.87	15.66 -0.97 -2.58	16.29 -0.99 -3.12	18.98 -1.17 -5.20	21.44 -1.52 -4.47	22.03 -1.62 -3.63	21.92 -1.62 -2.76	18.73 -1.28 -2.41	17.16 -1.11 -1.26	9.91 -0.20 -1.95
NIAGARA____ 23760	7.25 0.02 -2.13	6.98 -0.01 -1.90	6.68 0.01 -1.80	6.61 0.00 -1.88	6.92 -0.02 -1.84	9.50 0.04 -1.71	10.00 -0.14 -2.93	15.56 -0.81 -1.94	17.38 -1.06 -1.04	16.47 -1.05 -0.59	16.31 -1.06 -0.57	16.12 -1.02 -0.61	15.89 -0.95 -0.98	16.01 -0.92 -1.58	16.25 -0.94 -1.82	15.67 -0.88 -2.51	16.29 -0.92 -3.04	18.92 -1.08 -5.05	21.43 -1.41 -4.35	22.02 -1.48 -3.48	21.95 -1.50 -2.67	18.77 -1.16 -2.34	17.19 -1.04 -1.23	9.89 -0.18 -1.91
NINE_MILE_1 23575	6.08 -0.12 -1.09	5.94 -0.13 -0.97	5.66 -0.13 -0.92	5.57 -0.12 -0.97	5.90 -0.14 -0.95	8.46 -0.17 -0.88	8.52 -0.19 -1.50	14.97 -0.46 -1.00	17.36 -0.57 -0.54	16.66 -0.58 -0.31	16.52 -0.57 -0.29	16.30 -0.55 -0.31	15.84 -0.52 -0.50	15.66 -0.51 -0.81	15.80 -0.51 -0.94	14.88 -0.46 -1.29	15.26 -0.47 -1.57	17.02 -0.52 -2.60	20.13 -0.59 -2.24	21.18 -0.64 -1.80	21.50 -0.67 -1.38	18.26 -0.55 -1.21	17.11 -0.53 -0.63	8.95 -0.20 -0.99
NINE_MILE_2 23744	6.08 -0.12 -1.09	5.94 -0.13 -0.97	5.66 -0.13 -0.92	5.57 -0.12 -0.97	5.90 -0.14 -0.95	8.46 -0.17 -0.88	8.52 -0.19 -1.50	14.97 -0.46 -1.00	17.36 -0.57 -0.54	16.66 -0.58 -0.31	16.52 -0.57 -0.29	16.30 -0.55 -0.31	15.84 -0.52 -0.50	15.67 -0.49 -0.81	15.80 -0.51 -0.94	14.88 -0.46 -1.29	15.26 -0.47 -1.56	17.03 -0.51 -2.60	20.13 -0.59 -2.24	21.18 -0.64 -1.80	21.50 -0.67 -1.38	18.26 -0.55 -1.21	17.11 -0.53 -0.63	8.95 -0.20 -0.99
NM_CAPITAL____DRP 24208	23.07 0.11 -17.86	21.08 0.11 -15.88	20.03 0.10 -15.06	20.58 0.09 -15.76	20.65 0.11 -15.45	22.24 0.17 -14.31	31.87 0.13 -24.54	30.97 0.25 -16.30	26.50 0.33 -8.77	22.17 0.34 -4.90	21.89 0.37 -4.72	21.99 0.38 -5.08	24.14 0.33 -7.95	28.20 0.32 -12.53	30.27 0.34 -14.56	34.55 0.32 -20.18	39.00 0.34 -24.50	55.53 0.36 -40.23	53.74 0.44 -34.81	48.80 0.48 -28.30	43.48 0.50 -22.19	37.44 0.40 -19.43	27.85 0.39 -10.45	24.57 0.17 -16.24
NM_CENTRAL____DRP 24181	6.46 -0.01 -1.36	6.29 -0.02 -1.21	5.99 -0.02 -1.14	5.90 -0.02 -1.20	6.24 -0.03 -1.17	8.84 0.00 -1.09	9.09 0.02 -1.86	15.57 -0.10 -1.24	17.92 -0.14 -0.67	17.18 -0.14 -0.38	17.03 -0.13 -0.36	16.82 -0.10 -0.39	16.38 -0.11 -0.63	16.29 -0.09 -1.03	16.45 -0.09 -1.18	15.60 -0.07 -1.63	15.99 -0.14 -1.97	18.06 -0.16 -3.28	21.16 -0.15 -2.82	22.15 -0.16 -2.29	22.36 -0.17 -1.74	19.00 -0.12 -1.53	17.66 -0.14 -0.79	9.39 0.00 -1.23
NM_FRONTIER____DRP 24179	7.26 0.00 -2.15	6.98 -0.03 -1.91	6.67 -0.01 -1.81	6.61 -0.01 -1.90	6.91 -0.04 -1.86	9.49 0.02 -1.72	10.06 -0.10 -2.95	15.50 -0.89 -1.96	17.30 -1.15 -1.06	16.38 -1.15 -0.60	16.23 -1.14 -0.58	16.04 -1.11 -0.62	15.81 -1.05 -1.00	15.98 -1.00 -1.62	16.20 -1.03 -1.87	15.66 -0.97 -2.58	16.29 -0.99 -3.12	18.98 -1.17 -5.20	21.44 -1.52 -4.47	22.03 -1.62 -3.63	21.92 -1.62 -2.76	18.73 -1.28 -2.41	17.16 -1.11 -1.26	9.91 -0.20 -1.95
NM_ST_REGIS____HYD 24053	4.92 -0.36 -0.17	4.90 -0.35 -0.15	4.67 -0.34 -0.14	4.57 -0.31 -0.15	4.92 -0.32 -0.14	7.36 -0.53 -0.13	7.00 -0.44 -0.23	14.16 -0.42 -0.15	16.89 -0.59 -0.08	16.40 -0.58 -0.05	16.27 -0.57 -0.04	15.98 -0.60 -0.05	15.38 -0.56 -0.08	14.91 -0.57 -0.13	14.93 -0.58 -0.14	13.72 -0.52 -0.20	13.91 -0.50 -0.24	14.94 -0.40 -0.40	18.24 -0.59 -0.35	19.62 -0.68 -0.28	20.23 -0.77 -0.21	17.03 -0.76 -0.19	16.47 -0.63 -0.10	7.80 -0.51 -0.15
NORTHPORT____1 23551	26.39 0.40 -20.88	21.50 0.41 -16.00	20.09 0.39 -14.83	19.95 0.38 -14.84	19.11 0.40 -13.61	21.64 0.64 -13.24	30.04 0.66 -22.18	32.03 1.18 -16.42	30.96 1.58 -11.98	29.32 1.59 -10.80	28.66 1.49 -10.37	28.66 1.40 -10.73	30.05 1.33 -12.86	31.37 1.26 -14.76	30.54 1.21 -13.96	33.13 0.83 -18.26	41.90 0.95 -26.79	52.97 1.02 -37.01	51.28 1.05 -31.74	47.02 1.20 -25.80	46.47 1.33 -24.36	35.48 1.07 -16.80	29.16 1.29 -10.86	28.22 0.67 -19.39
NORTHPORT____2 23552	26.39 0.40 -20.88	21.50 0.41 -16.00	20.09 0.39 -14.83	19.95 0.38 -14.84	19.11 0.40 -13.61	21.64 0.64 -13.24	30.04 0.66 -22.18	32.03 1.18 -16.42	30.96 1.58 -11.98	29.32 1.59 -10.80	28.66 1.49 -10.37	28.66 1.40 -10.73	30.05 1.33 -12.86	31.37 1.26 -14.76	30.54 1.21 -13.96	33.13 0.83 -18.26	41.90 0.95 -26.79	52.97 1.02 -37.01	51.28 1.05 -31.74	47.02 1.20 -25.80	46.47 1.33 -24.36	35.48 1.07 -16.80	29.16 1.29 -10.86	28.22 0.67 -19.39
NORTHPORT____3 23553	26.43 0.45 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.99 0.42 -14.83	19.15 0.45 -13.61	21.70 0.71 -13.24	30.09 0.71 -22.17	32.19 1.34 -16.42	31.13 1.76 -11.98	29.49 1.76 -10.80	28.86 1.70 -10.37	28.86 1.60 -10.73	30.29 1.57 -12.86	31.62 1.51 -14.76	30.83 1.51 -13.96	33.49 1.18 -18.27	42.22 1.26 -26.79	53.35 1.39 -37.02	51.75 1.52 -31.74	47.53 1.70 -25.81	46.98 1.83 -24.37	35.89 1.48 -16.81	29.45 1.58 -10.86	28.33 0.78 -19.39
NORTHPORT____4 23650	26.43 0.45 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.99 0.42 -14.83	19.15 0.45 -13.61	21.70 0.71 -13.24	30.09 0.71 -22.17	32.19 1.34 -16.42	31.13 1.76 -11.98	29.49 1.76 -10.80	28.86 1.70 -10.37	28.86 1.60 -10.73	30.29 1.57 -12.86	31.62 1.51 -14.76	30.83 1.51 -13.96	33.49 1.18 -18.27	42.22 1.26 -26.79	53.35 1.39 -37.02	51.75 1.52 -31.74	47.53 1.70 -25.81	46.98 1.83 -24.37	35.89 1.48 -16.81	29.45 1.58 -10.86	28.33 0.78 -19.39
NORTHPORT____IC 23718	26.39 0.40 -20.88	21.50 0.41 -16.00	20.09 0.39 -14.83	19.95 0.38 -14.84	19.11 0.40 -13.61	21.64 0.64 -13.24	30.04 0.66 -22.18	32.03 1.18 -16.42	30.96 1.58 -11.98	29.32 1.59 -10.80	28.66 1.49 -10.37	28.66 1.40 -10.73	30.05 1.33 -12.86	31.37 1.26 -14.76	30.54 1.21 -13.96	33.13 0.83 -18.26	41.90 0.95 -26.79	52.97 1.02 -37.01	51.28 1.05 -31.74	47.02 1.20 -25.80	46.47 1.33 -24.36	35.48 1.07 -16.80	29.16 1.29 -10.86	28.22 0.67 -19.39

NORTH__COUNTRY_ESR 323785	4.81 -0.30 0.00	4.82 -0.28 0.00	4.61 -0.26 0.00	4.51 -0.22 0.00	4.86 -0.23 0.00	7.38 -0.38 0.00	6.95 -0.26 0.00	14.20 -0.23 0.00	17.14 -0.26 0.00	16.69 -0.24 0.00	16.53 -0.27 0.00	16.20 -0.33 0.00	15.59 -0.27 0.00	15.06 -0.29 0.00	15.08 -0.29 0.00	13.79 -0.25 0.00	13.91 -0.25 0.00	14.77 -0.18 0.00	18.32 -0.17 0.00	19.78 -0.24 0.00	20.35 -0.44 0.00	17.05 -0.55 0.00	16.44 -0.56 0.00	7.80 -0.36 0.00
NPX_GEN_1385_PROXY 323591	26.39 0.40 -20.88	21.50 0.41 -16.00	20.09 0.39 -14.83	19.95 0.38 -14.84	19.11 0.40 -13.61	21.64 0.64 -13.24	30.05 0.67 -22.18	32.06 1.21 -16.42	31.00 1.62 -11.98	29.37 1.64 -10.80	28.69 1.53 -10.37	28.66 1.40 -10.73	30.08 1.36 -12.86	31.40 1.29 -14.76	30.57 1.24 -13.96	33.16 0.86 -18.26	41.92 0.98 -26.79	53.00 1.05 -37.01	51.31 1.09 -31.74	47.07 1.24 -25.80	46.51 1.37 -24.36	35.51 1.11 -16.80	29.20 1.33 -10.86	28.24 0.69 -19.39
NPX_GEN_CSC 323557	26.38 0.41 -20.86	21.53 0.44 -15.99	20.11 0.42 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.67 0.67 -13.24	30.07 0.69 -22.17	32.19 1.34 -16.42	30.94 1.57 -11.98	29.28 1.56 -10.80	28.64 1.48 -10.37	28.66 1.40 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.26 1.30 -37.02	51.62 1.39 -31.74	47.43 1.60 -25.81	46.92 1.77 -24.37	35.77 1.36 -16.82	29.33 1.46 -10.86	28.26 0.71 -19.39
NSINS_S_GLNS_FALLS 23858	24.18 0.23 -18.84	22.06 0.21 -16.76	20.95 0.19 -15.89	21.54 0.18 -16.63	21.61 0.21 -16.31	23.21 0.35 -15.10	33.45 0.35 -25.89	32.37 0.74 -17.20	27.54 0.89 -9.26	22.94 0.81 -5.20	22.57 0.77 -5.00	22.70 0.79 -5.37	25.20 0.86 -8.49	29.68 0.86 -13.46	31.43 0.46 -15.60	36.14 0.48 -21.61	40.87 0.51 -26.20	58.71 0.58 -43.19	56.58 0.78 -37.32	51.22 0.86 -30.33	45.34 0.96 -23.60	39.03 0.76 -20.68	29.09 1.05 -11.03	25.71 0.42 -17.14
NUCOR_STEEL__DRP 24197	6.91 0.08 -1.73	6.70 0.07 -1.54	6.38 0.05 -1.46	6.30 0.05 -1.52	6.64 0.05 -1.50	9.28 0.14 -1.38	9.71 0.13 -2.37	16.14 0.13 -1.58	18.37 0.12 -0.85	17.48 0.07 -0.49	17.33 0.07 -0.46	17.13 0.10 -0.50	16.73 0.06 -0.81	16.75 0.09 -1.31	16.98 0.11 -1.50	16.20 0.08 -2.08	16.74 0.07 -2.51	19.18 0.06 -4.18	22.21 0.13 -3.60	23.14 0.20 -2.92	23.23 0.23 -2.22	19.77 0.23 -1.95	18.17 0.15 -1.01	9.89 0.16 -1.57
NUMBER_THREE_WT_PWR 323818	5.59 -0.06 -0.53	5.51 -0.06 -0.48	5.26 -0.06 -0.45	5.14 -0.07 -0.47	5.50 -0.06 -0.46	8.14 -0.05 -0.43	7.89 -0.05 -0.73	14.90 -0.01 -0.49	17.50 -0.16 -0.26	16.91 -0.17 -0.15	16.76 -0.18 -0.14	16.47 -0.22 -0.15	15.88 -0.22 -0.24	15.52 -0.23 -0.39	15.56 -0.26 -0.45	14.45 -0.23 -0.63	14.77 -0.16 -0.76	16.13 -0.07 -1.26	19.55 -0.02 -1.09	20.89 -0.02 -0.88	21.61 0.15 -0.68	18.30 0.11 -0.59	17.40 0.09 -0.31	8.63 -0.02 -0.48
NYISO_LBMP_REFERENCE 24008	5.11 0.00 0.00	5.10 0.00 0.00	4.87 0.00 0.00	4.73 0.00 0.00	5.09 0.00 0.00	7.76 0.00 0.00	7.21 0.00 0.00	14.43 0.00 0.00	17.40 0.00 0.00	16.93 0.00 0.00	16.80 0.00 0.00	16.53 0.00 0.00	15.86 0.00 0.00	15.35 0.00 0.00	15.37 0.00 0.00	14.04 0.00 0.00	14.16 0.00 0.00	14.94 0.00 0.00	18.49 0.00 0.00	20.02 0.00 0.00	20.78 0.00 0.00	17.60 0.00 0.00	17.00 0.00 0.00	8.16 0.00 0.00
NYPA_BRENTWD__GT 24164	26.41 0.46 -20.84	21.54 0.46 -15.98	20.12 0.44 -14.81	19.99 0.44 -14.83	19.16 0.46 -13.61	21.72 0.73 -13.24	30.12 0.75 -22.16	32.25 1.40 -16.42	31.19 1.81 -11.98	29.54 1.81 -10.80	28.88 1.71 -10.37	28.86 1.60 -10.73	30.29 1.57 -12.86	31.62 1.51 -14.76	30.82 1.49 -13.96	33.45 1.14 -18.27	42.25 1.26 -26.83	53.17 1.21 -37.02	51.52 1.29 -31.74	47.31 1.48 -25.81	46.77 1.62 -24.37	35.93 1.48 -16.85	29.47 1.60 -10.86	28.35 0.80 -19.39
NYPA_GOWANUS__GT5 24156	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NYPA_GOWANUS__GT6 24157	19.99 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.88 0.33 -12.82	18.02 0.35 -12.57	19.93 0.53 -11.64	27.69 0.52 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.29 1.33 -37.01	51.80 1.57 -31.74	47.43 1.60 -25.81	41.50 1.58 -19.13	35.71 1.30 -16.81	26.83 1.31 -8.52	22.04 0.64 -13.23
NYPA_HARLEM_RVR_GT1 24160	19.98 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.64 0.47 -19.97	28.60 0.91 -13.26	25.81 1.29 -7.13	22.40 1.30 -4.16	22.07 1.33 -3.94	22.07 1.31 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.78 1.20 -13.22	33.36 1.05 -18.26	37.12 0.98 -21.98	53.14 1.18 -37.01	51.61 1.39 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.73 1.21 -8.52	22.02 0.63 -13.23
NYPA_HARLEM_RVR_GT2 24161	19.98 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.64 0.47 -19.97	28.60 0.91 -13.26	25.81 1.29 -7.13	22.40 1.30 -4.16	22.07 1.33 -3.94	22.07 1.31 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.78 1.20 -13.22	33.36 1.05 -18.26	37.12 0.98 -21.98	53.14 1.18 -37.01	51.61 1.39 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.73 1.21 -8.52	22.02 0.63 -13.23
NYPA_KENT__GT 24152	19.99 0.35 -14.53	18.37 0.35 -12.92	17.46 0.34 -12.25	17.88 0.33 -12.82	18.01 0.35 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.94 1.41 -7.14	22.50 1.40 -4.16	22.17 1.43 -3.94	22.17 1.40 -4.24	24.22 1.33 -7.03	28.29 1.32 -11.61	29.89 1.31 -13.22	33.46 1.15 -18.26	37.22 1.08 -21.99	53.26 1.30 -37.01	51.76 1.53 -31.74	47.39 1.56 -25.81	41.48 1.56 -19.13	35.68 1.27 -16.81	26.80 1.28 -8.52	22.02 0.63 -13.23
NYPA_POUCH1__GT 24155	20.00 0.36 -14.53	18.38 0.36 -12.92	17.46 0.35 -12.25	17.89 0.34 -12.82	18.02 0.36 -12.57	19.92 0.52 -11.64	27.68 0.50 -19.97	28.64 0.95 -13.26	25.87 1.34 -7.14	22.43 1.34 -4.16	22.09 1.34 -3.94	22.09 1.32 -4.24	24.14 1.25 -7.03	28.22 1.26 -11.61	29.81 1.23 -13.22	33.35 1.05 -18.26	37.12 0.98 -21.98	53.18 1.23 -37.01	51.68 1.46 -31.73	47.30 1.48 -25.80	41.34 1.43 -19.13	35.62 1.21 -16.81	26.85 1.33 -8.52	22.04 0.65 -13.23
NYPA_VERNON__GT2 24162	19.99 0.35 -14.53	18.37 0.35 -12.92	17.45 0.34 -12.25	17.87 0.32 -12.82	18.01 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.50 1.40 -4.16	22.15 1.41 -3.94	22.15 1.39 -4.24	24.20 1.32 -7.03	28.27 1.30 -11.61	29.88 1.29 -13.22	33.44 1.14 -18.26	37.22 1.08 -21.99	53.24 1.29 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.46 1.54 -19.13	35.66 1.25 -16.81	26.78 1.26 -8.52	22.01 0.62 -13.23

NYPA_VERNON____GT3 24163	19.99 0.35 -14.53	18.37 0.35 -12.92	17.45 0.34 -12.25	17.87 0.32 -12.82	18.01 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.50 1.40 -4.16	22.15 1.41 -3.94	22.15 1.39 -4.24	24.20 1.32 -7.03	28.27 1.30 -11.61	29.88 1.29 -13.22	33.44 1.14 -18.26	37.22 1.08 -21.99	53.24 1.29 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.46 1.54 -19.13	35.66 1.25 -16.81	26.78 1.26 -8.52	22.01 0.62 -13.23
NYPA____ASTORIA_CC1 323568	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
NYPA____ASTORIA_CC2 323569	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.67 0.50 -19.97	28.66 0.97 -13.26	25.89 1.36 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.85 1.26 -13.22	33.43 1.12 -18.26	37.20 1.05 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.33 1.50 -25.81	41.41 1.50 -19.13	35.62 1.21 -16.81	26.75 1.23 -8.52	22.00 0.61 -13.23
NYPA____HOLTSVILL 23794	26.41 0.44 -20.86	21.54 0.45 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.15 0.45 -13.61	21.69 0.70 -13.24	30.11 0.74 -22.17	32.23 1.39 -16.42	31.12 1.74 -11.98	29.46 1.73 -10.80	28.81 1.65 -10.37	28.79 1.54 -10.73	30.23 1.51 -12.86	31.55 1.44 -14.76	30.76 1.43 -13.96	33.41 1.10 -18.27	42.18 1.22 -26.80	53.31 1.35 -37.02	51.67 1.44 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.84 1.42 -16.82	29.43 1.56 -10.86	28.32 0.77 -19.39
NYPA____HELLGATE_GT1 24158	19.98 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.64 0.47 -19.97	28.60 0.91 -13.26	25.81 1.29 -7.13	22.40 1.30 -4.16	22.07 1.33 -3.94	22.07 1.31 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.78 1.20 -13.22	33.36 1.05 -18.26	37.12 0.98 -21.98	53.14 1.18 -37.01	51.61 1.39 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.73 1.21 -8.52	22.02 0.63 -13.23
NYPA____HELLGATE_GT2 24159	19.98 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.86 0.31 -12.82	17.99 0.33 -12.57	19.90 0.50 -11.64	27.64 0.47 -19.97	28.60 0.91 -13.26	25.81 1.29 -7.13	22.40 1.30 -4.16	22.07 1.33 -3.94	22.07 1.31 -4.24	24.12 1.24 -7.03	28.19 1.23 -11.61	29.78 1.20 -13.22	33.36 1.05 -18.26	37.12 0.98 -21.98	53.14 1.18 -37.01	51.61 1.39 -31.74	47.20 1.38 -25.80	41.28 1.37 -19.13	35.51 1.11 -16.80	26.73 1.21 -8.52	22.02 0.63 -13.23
NYS_BARGE____HYD 23848	7.30 0.11 -2.09	7.03 0.08 -1.85	6.72 0.09 -1.76	6.66 0.09 -1.84	6.96 0.07 -1.80	9.61 0.18 -1.67	10.06 -0.01 -2.87	15.76 -0.58 -1.90	17.60 -0.82 -1.02	16.68 -0.83 -0.58	16.53 -0.82 -0.56	16.34 -0.79 -0.60	16.08 -0.75 -0.96	16.18 -0.72 -1.55	16.44 -0.71 -1.78	15.82 -0.69 -2.47	16.44 -0.71 -2.98	19.03 -0.87 -4.96	21.63 -1.13 -4.27	22.24 -1.20 -3.42	22.22 -1.18 -2.62	19.00 -0.90 -2.29	17.41 -0.80 -1.20	9.99 -0.04 -1.87
OAK ORCHARD____HYD 24046	6.99 0.11 -1.77	6.75 0.08 -1.57	6.44 0.08 -1.49	6.37 0.08 -1.56	6.69 0.07 -1.53	9.34 0.17 -1.42	9.70 0.06 -2.43	15.89 -0.16 -1.62	17.99 -0.28 -0.87	17.12 -0.30 -0.49	17.00 -0.27 -0.47	16.76 -0.28 -0.51	16.44 -0.24 -0.82	16.44 -0.23 -1.32	16.65 -0.23 -1.51	15.92 -0.23 -2.10	16.46 -0.24 -2.54	18.83 -0.33 -4.21	21.69 -0.42 -3.63	22.53 -0.40 -2.91	22.57 -0.44 -2.23	19.27 -0.28 -1.95	17.77 -0.25 -1.02	9.84 0.09 -1.59
OAKDALE____35_KV_LOAD 356122	9.34 0.11 -4.12	8.86 0.10 -3.66	8.43 0.09 -3.47	8.45 0.09 -3.64	8.74 0.09 -3.57	11.24 0.18 -3.30	13.03 0.16 -5.66	18.34 0.14 -3.76	19.54 0.12 -2.02	18.19 0.10 -1.16	17.99 0.08 -1.11	17.82 0.10 -1.19	17.88 0.10 -1.93	18.59 0.11 -3.13	19.07 0.11 -3.59	19.11 0.10 -4.97	20.23 0.07 -6.00	25.00 0.04 -10.01	27.19 0.09 -8.61	27.16 0.14 -6.99	26.25 0.17 -5.30	22.42 0.18 -4.65	19.57 0.15 -2.41	12.07 0.16 -3.75
OCC_CHEM____DRP 24175	7.27 0.01 -2.15	7.00 -0.02 -1.91	6.69 0.00 -1.81	6.63 0.00 -1.90	6.93 -0.03 -1.86	9.52 0.04 -1.72	10.08 -0.08 -2.96	15.53 -0.87 -1.96	17.34 -1.11 -1.06	16.43 -1.10 -0.61	16.27 -1.11 -0.58	16.08 -1.07 -0.62	15.86 -1.00 -1.00	16.01 -0.97 -1.63	16.24 -1.00 -1.87	15.69 -0.94 -2.59	16.32 -0.96 -3.12	19.03 -1.12 -5.21	21.51 -1.46 -4.48	22.10 -1.56 -3.64	21.99 -1.56 -2.76	18.79 -1.23 -2.42	17.19 -1.07 -1.26	9.94 -0.18 -1.96
OH_GEN_PROXY 24063	7.30 0.07 -2.12	7.03 0.05 -1.89	6.72 0.06 -1.79	6.66 0.05 -1.87	6.96 0.03 -1.84	9.58 0.12 -1.70	10.08 -0.04 -2.92	15.75 -0.62 -1.94	17.57 -0.87 -1.04	16.66 -0.86 -0.59	16.51 -0.86 -0.57	16.31 -0.83 -0.61	16.06 -0.78 -0.98	16.18 -0.75 -1.58	16.45 -0.74 -1.81	15.85 -0.70 -2.51	16.46 -0.74 -3.04	19.11 -0.88 -5.04	21.67 -1.16 -4.35	22.26 -1.24 -3.48	22.22 -1.23 -2.66	19.00 -0.93 -2.33	17.40 -0.83 -1.22	9.98 -0.08 -1.90
OLIN_CORP_DRP 24177	7.31 0.05 -2.16	7.04 0.02 -1.92	6.73 0.04 -1.82	6.67 0.03 -1.90	6.97 0.01 -1.87	9.58 0.09 -1.73	10.12 -0.05 -2.96	15.61 -0.79 -1.97	17.38 -1.08 -1.06	16.47 -1.07 -0.61	16.30 -1.08 -0.58	16.11 -1.04 -0.62	15.88 -0.98 -1.01	16.05 -0.94 -1.63	16.32 -0.92 -1.87	15.75 -0.88 -2.59	16.37 -0.92 -3.13	19.07 -1.09 -5.22	21.57 -1.41 -4.49	22.15 -1.52 -3.65	22.04 -1.52 -2.77	18.87 -1.16 -2.43	17.23 -1.04 -1.26	9.97 -0.15 -1.96
OLIN_CORP_DSASP 323712	7.26 0.01 -2.14	6.98 -0.02 -1.90	6.68 0.00 -1.80	6.62 0.00 -1.89	6.92 -0.03 -1.85	9.51 0.04 -1.71	10.01 -0.13 -2.94	15.53 -0.85 -1.95	17.33 -1.11 -1.05	16.43 -1.10 -0.60	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.85 -1.00 -0.99	15.97 -0.97 -1.59	16.20 -1.00 -1.83	15.63 -0.94 -2.53	16.26 -0.96 -3.06	18.90 -1.12 -5.08	21.40 -1.46 -4.38	21.96 -1.56 -3.50	21.91 -1.56 -2.68	18.71 -1.23 -2.35	17.17 -1.07 -1.23	9.90 -0.18 -1.92
ONEIDA_HERK_LFGE 323681	5.60 0.04 -0.45	5.53 0.03 -0.40	5.28 0.03 -0.38	5.15 0.02 -0.40	5.52 0.04 -0.39	8.21 0.09 -0.36	7.89 0.06 -0.62	15.00 0.16 -0.41	17.74 0.12 -0.22	17.16 0.10 -0.13	17.00 0.08 -0.12	16.72 0.07 -0.13	16.11 0.05 -0.21	15.72 0.03 -0.33	15.77 0.02 -0.38	14.59 0.01 -0.53	14.86 0.06 -0.64	16.13 0.12 -1.06	19.63 0.22 -0.92	20.99 0.22 -0.75	21.71 0.35 -0.57	18.40 0.30 -0.50	17.52 0.26 -0.26	8.67 0.10 -0.41
ONEIDA____115KV_TB4 55905	5.93 0.13 -0.69	5.83 0.12 -0.61	5.56 0.11 -0.58	5.44 0.10 -0.61	5.81 0.12 -0.59	8.54 0.23 -0.55	8.39 0.24 -0.94	15.40 0.35 -0.63	18.12 0.38 -0.34	17.44 0.32 -0.19	17.29 0.30 -0.18	17.02 0.30 -0.20	16.45 0.27 -0.32	16.12 0.25 -0.52	16.19 0.23 -0.59	15.10 0.24 -0.82	15.43 0.27 -0.99	16.93 0.33 -1.65	20.41 0.50 -1.42	21.72 0.54 -1.16	22.35 0.69 -0.88	18.95 0.58 -0.77	17.92 0.51 -0.40	9.03 0.24 -0.62

ONONDAGA_REF_OCCRA 23987	6.74 0.01 -1.62	6.54 0.00 -1.44	6.23 0.00 -1.37	6.16 -0.01 -1.43	6.49 -0.01 -1.41	9.08 0.02 -1.30	9.47 0.04 -2.23	15.84 -0.07 -1.48	18.07 -0.12 -0.80	17.27 -0.12 -0.46	17.12 -0.12 -0.44	16.90 -0.10 -0.47	16.52 -0.10 -0.76	16.50 -0.08 -1.23	16.70 -0.08 -1.41	15.92 -0.07 -1.95	16.42 -0.10 -2.36	18.75 -0.12 -3.93	21.79 -0.07 -3.38	22.71 -0.06 -2.75	22.81 -0.06 -2.08	19.39 -0.04 -1.83	17.89 -0.07 -0.95	9.67 0.03 -1.48
ONONDAGA___COGEN 23986	6.61 0.02 -1.49	6.43 0.01 -1.32	6.12 0.00 -1.25	6.04 -0.01 -1.31	6.37 -0.01 -1.29	8.98 0.03 -1.19	9.28 0.03 -2.05	15.72 -0.07 -1.36	18.01 -0.12 -0.73	17.23 -0.12 -0.42	17.08 -0.12 -0.40	16.88 -0.08 -0.43	16.46 -0.10 -0.69	16.40 -0.08 -1.13	16.58 -0.08 -1.29	15.76 -0.07 -1.79	16.24 -0.08 -2.16	18.44 -0.10 -3.60	21.51 -0.07 -3.10	22.48 -0.06 -2.52	22.63 -0.06 -1.91	19.24 -0.04 -1.68	17.82 -0.05 -0.87	9.55 0.04 -1.35
ONTARIO___LFGE 23819	7.28 0.14 -2.03	7.02 0.12 -1.81	6.69 0.11 -1.71	6.63 0.10 -1.79	6.96 0.11 -1.76	9.62 0.24 -1.63	10.18 0.18 -2.79	16.44 0.16 -1.85	18.50 0.11 -1.00	17.57 0.07 -0.57	17.39 0.05 -0.54	17.20 0.08 -0.59	16.83 0.03 -0.94	16.93 0.06 -1.51	17.19 0.08 -1.74	16.51 0.06 -2.41	17.12 0.04 -2.91	19.78 0.00 -4.84	22.75 0.09 -4.17	23.51 0.14 -3.35	23.51 0.17 -2.57	20.01 0.16 -2.25	18.30 0.12 -1.18	10.19 0.20 -1.83
ORANGEVILLE_WT_PWR 323706	7.75 0.13 -2.51	7.43 0.10 -2.24	7.10 0.11 -2.12	7.05 0.10 -2.22	7.36 0.09 -2.17	9.99 0.23 -2.01	10.76 0.10 -3.45	16.49 -0.23 -2.29	18.25 -0.38 -1.23	17.24 -0.39 -0.70	17.05 -0.42 -0.67	16.87 -0.38 -0.72	16.67 -0.35 -1.16	16.88 -0.34 -1.87	17.18 -0.34 -2.15	16.68 -0.34 -2.97	17.38 -0.38 -3.60	20.44 -0.48 -5.97	23.04 -0.59 -5.15	23.52 -0.62 -4.12	23.38 -0.56 -3.15	19.92 -0.44 -2.76	18.08 -0.37 -1.45	10.49 0.08 -2.25
ORANGEVILLE___ESR 323794	7.75 0.13 -2.51	7.43 0.10 -2.24	7.10 0.11 -2.12	7.05 0.10 -2.22	7.36 0.09 -2.17	9.99 0.23 -2.01	10.76 0.10 -3.45	16.49 -0.23 -2.29	18.25 -0.38 -1.23	17.24 -0.39 -0.70	17.05 -0.42 -0.67	16.87 -0.38 -0.72	16.67 -0.35 -1.16	16.88 -0.34 -1.87	17.18 -0.34 -2.15	16.68 -0.34 -2.97	17.38 -0.38 -3.60	20.44 -0.48 -5.97	23.04 -0.59 -5.15	23.52 -0.62 -4.12	23.38 -0.56 -3.15	19.92 -0.44 -2.76	18.08 -0.37 -1.45	10.49 0.08 -2.25
OSWEGATCHIE___HYD 24044	5.25 -0.27 -0.40	5.19 -0.27 -0.36	4.95 -0.26 -0.34	4.84 -0.25 -0.36	5.19 -0.25 -0.35	7.70 -0.38 -0.32	7.43 -0.33 -0.55	14.42 -0.38 -0.37	17.00 -0.59 -0.20	16.47 -0.58 -0.11	16.34 -0.57 -0.11	16.02 -0.63 -0.12	15.47 -0.57 -0.18	15.07 -0.58 -0.30	15.11 -0.60 -0.34	13.97 -0.55 -0.47	14.24 -0.50 -0.57	15.48 -0.42 -0.95	18.77 -0.54 -0.82	20.09 -0.60 -0.67	20.75 -0.54 -0.51	17.54 -0.51 -0.45	16.82 -0.42 -0.23	8.17 -0.36 -0.37
OSWEGO___5 23606	6.26 -0.09 -1.23	6.10 -0.10 -1.10	5.82 -0.09 -1.04	5.73 -0.09 -1.09	6.06 -0.10 -1.07	8.62 -0.12 -0.99	8.77 -0.14 -1.70	15.18 -0.38 -1.13	17.52 -0.49 -0.61	16.80 -0.47 -0.34	16.66 -0.47 -0.33	16.44 -0.45 -0.35	16.00 -0.43 -0.57	15.85 -0.41 -0.92	16.01 -0.41 -1.05	15.12 -0.38 -1.46	15.55 -0.38 -1.77	17.44 -0.43 -2.93	20.53 -0.48 -2.53	21.56 -0.50 -2.03	21.82 -0.52 -1.56	18.54 -0.42 -1.37	17.30 -0.42 -0.72	9.13 -0.14 -1.11
OSWEGO___6 23613	6.26 -0.09 -1.23	6.10 -0.10 -1.10	5.82 -0.09 -1.04	5.73 -0.09 -1.09	6.06 -0.10 -1.07	8.62 -0.12 -0.99	8.77 -0.14 -1.70	15.18 -0.38 -1.13	17.52 -0.49 -0.61	16.80 -0.47 -0.34	16.66 -0.47 -0.33	16.44 -0.45 -0.35	16.00 -0.43 -0.57	15.85 -0.41 -0.92	16.01 -0.41 -1.05	15.12 -0.38 -1.46	15.55 -0.38 -1.77	17.44 -0.43 -2.93	20.53 -0.48 -2.53	21.56 -0.50 -2.03	21.82 -0.52 -1.56	18.54 -0.42 -1.37	17.30 -0.42 -0.72	9.13 -0.14 -1.11
OUTOKUMPU-AB___DRP 24206	7.42 0.13 -2.18	7.13 0.10 -1.94	6.82 0.11 -1.84	6.76 0.10 -1.92	7.06 0.08 -1.89	9.71 0.21 -1.75	10.28 0.08 -3.00	15.92 -0.51 -1.99	17.79 -0.68 -1.07	16.85 -0.69 -0.61	16.68 -0.71 -0.58	16.51 -0.64 -0.63	16.27 -0.60 -1.02	16.40 -0.60 -1.65	16.66 -0.60 -1.89	16.07 -0.59 -2.62	16.73 -0.59 -3.16	19.47 -0.75 -5.27	22.06 -0.96 -4.54	22.67 -1.04 -3.69	22.56 -1.02 -2.80	19.26 -0.79 -2.45	17.60 -0.68 -1.28	10.13 -0.01 -1.98
OXBOW___ 24026	7.34 0.08 -2.15	7.06 0.05 -1.92	6.75 0.07 -1.82	6.69 0.06 -1.90	7.00 0.04 -1.86	9.62 0.14 -1.73	10.13 -0.04 -2.96	15.75 -0.65 -1.97	17.59 -0.87 -1.06	16.67 -0.86 -0.60	16.50 -0.87 -0.58	16.32 -0.83 -0.62	16.08 -0.78 -0.99	16.20 -0.75 -1.60	16.44 -0.77 -1.84	15.86 -0.73 -2.55	16.50 -0.75 -3.08	19.17 -0.90 -5.12	21.73 -1.16 -4.41	22.29 -1.26 -3.53	22.24 -1.25 -2.70	19.00 -0.97 -2.37	17.41 -0.83 -1.24	10.02 -0.07 -1.93
OXY_CHEM_DSASP 323612	7.26 0.01 -2.14	6.98 -0.02 -1.90	6.68 0.00 -1.80	6.62 0.00 -1.89	6.92 -0.03 -1.85	9.51 0.04 -1.71	10.01 -0.13 -2.94	15.53 -0.85 -1.95	17.33 -1.11 -1.05	16.43 -1.10 -0.60	16.26 -1.11 -0.57	16.07 -1.07 -0.61	15.85 -1.00 -0.99	15.97 -0.97 -1.59	16.20 -1.00 -1.83	15.63 -0.94 -2.53	16.26 -0.96 -3.06	18.90 -1.12 -5.08	21.40 -1.46 -4.38	21.96 -1.56 -3.50	21.91 -1.56 -2.68	18.71 -1.23 -2.35	17.17 -1.07 -1.23	9.90 -0.18 -1.92
OZONE_PARK_ESR 323760	20.03 0.37 -14.55	18.40 0.37 -12.93	17.49 0.36 -12.26	17.91 0.35 -12.83	18.04 0.37 -12.59	20.00 0.59 -11.66	27.75 0.56 -19.99	28.82 1.11 -13.28	26.07 1.53 -7.15	22.62 1.52 -4.17	22.28 1.53 -3.95	22.27 1.50 -4.24	24.32 1.43 -7.04	28.38 1.40 -11.63	30.00 1.40 -13.24	33.59 1.25 -18.29	37.38 1.19 -22.03	53.42 1.39 -37.09	51.94 1.65 -31.80	47.56 1.72 -25.82	41.65 1.73 -19.14	35.82 1.41 -16.82	26.88 1.36 -8.51	22.05 0.66 -13.23
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	7.27 0.01 -2.15	7.00 -0.02 -1.91	6.69 0.00 -1.81	6.63 0.00 -1.90	6.93 -0.03 -1.86	9.52 0.04 -1.72	10.08 -0.08 -2.96	15.53 -0.87 -1.96	17.34 -1.11 -1.06	16.43 -1.10 -0.61	16.27 -1.11 -0.58	16.08 -1.07 -0.62	15.86 -1.00 -1.00	16.01 -0.97 -1.63	16.24 -1.00 -1.87	15.69 -0.94 -2.59	16.32 -0.96 -3.12	19.03 -1.12 -5.21	21.51 -1.46 -4.48	22.10 -1.56 -3.64	21.99 -1.56 -2.76	18.79 -1.23 -2.42	17.19 -1.07 -1.26	9.94 -0.18 -1.96
PACKARD___115KV_DUPONT_184 80571	7.27 0.01 -2.15	7.00 -0.02 -1.91	6.69 0.00 -1.81	6.63 0.00 -1.90	6.93 -0.03 -1.86	9.52 0.04 -1.72	10.08 -0.08 -2.96	15.53 -0.87 -1.96	17.34 -1.11 -1.06	16.43 -1.10 -0.61	16.27 -1.11 -0.58	16.08 -1.07 -0.62	15.86 -1.00 -1.00	16.01 -0.97 -1.63	16.24 -1.00 -1.87	15.69 -0.94 -2.59	16.32 -0.96 -3.12	19.03 -1.12 -5.21	21.51 -1.46 -4.48	22.10 -1.56 -3.64	21.99 -1.56 -2.76	18.79 -1.23 -2.42	17.19 -1.07 -1.26	9.94 -0.18 -1.96
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.00 0.35 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.92 0.50 -11.66	27.66 0.47 -19.99	28.63 0.92 -13.28	25.85 1.30 -7.15	22.40 1.30 -4.17	22.09 1.34 -3.95	22.09 1.32 -4.24	24.15 1.25 -7.04	28.23 1.24 -11.63	29.82 1.21 -13.24	33.42 1.08 -18.29	37.20 1.01 -22.03	53.25 1.21 -37.09	51.71 1.42 -31.80	47.29 1.44 -25.82	41.36 1.43 -19.14	35.58 1.16 -16.82	26.74 1.22 -8.51	22.01 0.62 -13.23

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.04 0.38 -14.55	18.41 0.38 -12.94	17.50 0.37 -12.26	17.92 0.35 -12.83	18.05 0.38 -12.59	19.98 0.57 -11.66	27.72 0.53 -19.99	28.67 0.97 -13.28	25.88 1.34 -7.15	22.44 1.34 -4.17	22.09 1.34 -3.95	22.18 1.41 -4.24	24.17 1.27 -7.04	28.24 1.26 -11.63	29.84 1.23 -13.24	33.42 1.08 -18.29	37.25 1.06 -22.03	53.26 1.23 -37.09	51.73 1.44 -31.80	47.33 1.48 -25.82	41.38 1.45 -19.14	35.61 1.20 -16.82	26.76 1.24 -8.51	22.03 0.64 -13.23
PATROON__115KV_TB1 80586	23.25 0.10 -18.04	21.24 0.10 -16.04	20.17 0.09 -15.21	20.74 0.09 -15.92	20.80 0.10 -15.61	22.38 0.16 -14.46	32.12 0.12 -24.79	31.14 0.25 -16.47	26.59 0.33 -8.86	22.23 0.34 -4.96	21.95 0.37 -4.78	22.06 0.40 -5.13	24.26 0.33 -8.07	28.43 0.34 -12.74	30.51 0.35 -14.79	34.88 0.34 -20.50	39.40 0.37 -24.87	56.21 0.37 -40.89	54.33 0.48 -35.36	49.27 0.50 -28.75	43.81 0.54 -22.48	37.71 0.42 -19.69	27.97 0.41 -10.56	24.74 0.17 -16.41
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	7.56 0.07 -2.38	7.26 0.04 -2.12	6.94 0.06 -2.01	6.88 0.05 -2.10	7.18 0.03 -2.06	9.80 0.13 -1.91	10.52 0.04 -3.27	16.16 -0.45 -2.17	17.92 -0.64 -1.17	16.96 -0.64 -0.67	16.77 -0.67 -0.64	16.61 -0.61 -0.69	16.38 -0.59 -1.11	16.60 -0.55 -1.80	16.90 -0.54 -2.07	16.37 -0.53 -2.86	17.07 -0.55 -3.46	20.01 -0.70 -5.77	22.54 -0.91 -4.96	23.07 -0.98 -4.03	22.91 -0.94 -3.06	19.52 -0.76 -2.68	17.72 -0.68 -1.39	10.27 -0.06 -2.17
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.13 0.34 -14.69	18.50 0.34 -13.06	17.58 0.33 -12.38	18.02 0.33 -12.96	18.14 0.34 -12.71	20.05 0.53 -11.77	27.88 0.49 -20.19	28.75 0.91 -13.41	25.83 1.22 -7.22	22.34 1.20 -4.21	22.01 1.23 -3.98	22.05 1.24 -4.28	24.18 1.22 -7.10	28.22 1.15 -11.72	29.92 1.21 -13.34	33.60 1.12 -18.43	37.47 1.10 -22.20	53.43 1.12 -37.36	51.92 1.39 -32.04	47.54 1.50 -26.02	41.60 1.52 -19.30	35.79 1.23 -16.96	26.76 1.16 -8.60	22.10 0.58 -13.36
PEEKSKILL____ 23653	19.70 0.31 -14.29	18.11 0.31 -12.70	17.21 0.30 -12.04	17.63 0.29 -12.60	17.76 0.31 -12.36	19.69 0.49 -11.45	27.30 0.46 -19.63	28.33 0.87 -13.04	25.60 1.18 -7.02	22.21 1.18 -4.09	21.87 1.19 -3.87	21.87 1.17 -4.16	23.89 1.13 -6.91	27.85 1.09 -11.41	29.48 1.12 -12.99	32.99 1.00 -17.95	36.73 0.96 -21.60	52.37 1.06 -36.37	50.93 1.26 -31.19	46.72 1.34 -25.36	40.96 1.37 -18.81	35.25 1.13 -16.53	26.47 1.09 -8.37	21.70 0.53 -13.01
PGE MADISON__WINDPWR 24146	10.93 0.49 -5.34	10.32 0.47 -4.75	9.81 0.44 -4.50	9.86 0.42 -4.71	10.20 0.49 -4.62	12.89 0.85 -4.28	15.34 0.80 -7.33	20.82 1.51 -4.87	21.67 1.65 -2.62	19.93 1.51 -1.49	19.60 1.38 -1.43	19.35 1.29 -1.53	19.51 1.19 -2.46	20.40 1.09 -3.96	20.98 1.05 -4.56	21.33 0.97 -6.31	22.88 1.08 -7.64	28.89 1.27 -12.68	31.26 1.85 -10.93	27.83 1.46 -6.35	27.43 1.79 -4.86	23.37 1.51 -4.26	20.65 1.41 -2.23	12.36 0.73 -3.47
PIERCEFIELD__HYD 23852	4.92 -0.37 -0.18	4.90 -0.36 -0.16	4.68 -0.35 -0.16	4.56 -0.33 -0.16	4.91 -0.34 -0.16	7.34 -0.56 -0.15	6.98 -0.48 -0.25	14.12 -0.48 -0.17	16.79 -0.70 -0.09	16.32 -0.66 -0.05	16.19 -0.66 -0.05	15.91 -0.68 -0.05	15.29 -0.65 -0.09	14.85 -0.64 -0.14	14.87 -0.66 -0.16	13.66 -0.60 -0.22	13.86 -0.57 -0.27	14.90 -0.49 -0.44	18.15 -0.72 -0.38	19.51 -0.82 -0.31	20.15 -0.87 -0.24	17.00 -0.81 -0.21	16.45 -0.66 -0.11	7.77 -0.55 -0.17
PINELAWN_CC_1 323563	26.29 0.44 -20.74	21.47 0.44 -15.93	20.06 0.42 -14.77	19.94 0.41 -14.79	19.12 0.44 -13.59	21.66 0.69 -13.21	30.04 0.71 -22.13	32.17 1.33 -16.42	31.10 1.72 -11.98	29.46 1.73 -10.80	28.81 1.65 -10.37	28.78 1.52 -10.73	30.23 1.51 -12.86	31.55 1.44 -14.76	30.77 1.44 -13.96	33.45 1.14 -18.27	42.21 1.25 -26.80	53.31 1.35 -37.02	51.69 1.46 -31.74	47.49 1.66 -25.81	46.96 1.81 -24.37	35.88 1.46 -16.82	29.43 1.56 -10.86	28.33 0.78 -19.39
PJM_GEN_HTP_PROXY 323702	19.98 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.94 0.54 -11.64	27.69 0.52 -19.96	28.69 0.99 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.21	33.43 1.12 -18.26	37.22 1.08 -21.98	53.20 1.24 -37.01	51.68 1.46 -31.74	47.35 1.52 -25.80	41.45 1.54 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
PJM_GEN_KEystone 24065	13.88 0.19 -8.58	12.91 0.19 -7.63	12.29 0.18 -7.23	12.48 0.18 -7.57	12.69 0.18 -7.42	14.95 0.32 -6.87	19.25 0.25 -11.79	22.56 0.30 -7.83	21.99 0.38 -4.21	19.75 0.37 -2.45	19.49 0.37 -2.32	19.40 0.38 -2.49	20.34 0.37 -4.12	22.49 0.35 -6.78	23.48 0.38 -7.73	25.05 0.32 -10.68	27.32 0.28 -12.87	36.82 0.25 -21.62	37.30 0.26 -18.55	35.38 0.30 -15.05	32.35 0.35 -11.21	27.75 0.30 -9.85	22.33 0.31 -5.02	16.22 0.27 -7.79
PJM_GEN_NEPTUNE_PROXY 323594	22.34 0.39 -16.84	19.53 0.39 -14.04	18.43 0.37 -13.19	18.65 0.36 -13.55	18.43 0.39 -12.95	20.59 0.61 -12.23	28.59 0.61 -20.77	30.24 1.14 -14.67	28.23 1.53 -9.31	25.59 1.52 -7.13	25.09 1.48 -6.82	25.07 1.40 -7.14	26.86 1.36 -9.64	29.68 1.30 -13.02	30.22 1.31 -13.55	33.33 1.02 -18.27	39.41 1.11 -24.14	53.17 1.21 -37.02	51.54 1.31 -31.74	47.29 1.46 -25.81	43.84 1.58 -21.48	35.68 1.27 -16.81	27.93 1.36 -9.57	24.82 0.67 -15.99
PJM_GEN_VFT_PROXY 323633	19.95 0.32 -14.53	18.34 0.32 -12.92	17.43 0.31 -12.25	17.85 0.30 -12.82	17.98 0.32 -12.57	19.93 0.53 -11.64	27.65 0.48 -19.97	28.63 0.94 -13.26	25.87 1.34 -7.14	22.43 1.34 -4.16	22.09 1.34 -3.94	22.09 1.32 -4.24	24.14 1.25 -7.03	28.19 1.23 -11.61	29.81 1.23 -13.22	33.37 1.07 -18.26	37.15 1.01 -21.98	53.14 1.18 -37.01	51.61 1.39 -31.74	47.25 1.42 -25.81	41.35 1.43 -19.13	35.57 1.16 -16.81	26.68 1.16 -8.52	21.95 0.56 -13.23
PLATSBRG_115KV_PMLD1 355749	4.98 -0.20 -0.07	4.98 -0.18 -0.06	4.75 -0.18 -0.06	4.66 -0.13 -0.06	5.03 -0.12 -0.06	7.61 -0.20 -0.05	7.20 -0.10 -0.09	14.68 0.19 -0.06	17.67 0.24 -0.03	17.20 0.25 -0.02	17.00 0.18 -0.02	16.65 0.10 -0.02	16.06 0.17 -0.03	15.54 0.14 -0.05	15.55 0.12 -0.06	14.24 0.11 -0.08	14.37 0.11 -0.10	15.33 0.22 -0.16	19.02 0.39 -0.14	20.50 0.36 -0.11	21.02 0.15 -0.09	17.60 0.07 -0.08	16.91 -0.07 -0.04	8.08 -0.15 -0.06
PLEASANTVLY__LBMP 24000	20.51 0.28 -15.13	18.83 0.28 -13.46	17.89 0.27 -12.76	18.34 0.26 -13.35	18.46 0.27 -13.09	20.31 0.43 -12.13	28.39 0.40 -20.79	29.01 0.76 -13.81	25.86 1.03 -7.43	22.28 1.02 -4.34	21.93 1.02 -4.11	21.95 1.01 -4.41	24.16 0.97 -7.33	28.41 0.94 -12.12	30.11 0.95 -13.79	33.94 0.84 -19.06	37.93 0.82 -22.94	54.49 0.90 -38.64	52.69 1.07 -33.13	48.06 1.14 -26.90	41.87 1.16 -19.92	36.07 0.97 -17.51	26.80 0.94 -8.86	22.38 0.46 -13.76
PLSNTVLE_13_KV_13.8KVDIST 80602	20.03 0.32 -14.60	18.40 0.32 -12.98	17.48 0.30 -12.31	17.91 0.30 -12.88	18.04 0.32 -12.63	19.95 0.50 -11.70	27.74 0.47 -20.06	28.65 0.89 -13.33	25.79 1.22 -7.17	22.33 1.22 -4.18	21.99 1.23 -3.96	21.99 1.21 -4.26	24.10 1.17 -7.07	28.17 1.14 -11.68	29.81 1.15 -13.29	33.44 1.03 -18.37	37.28 1.01 -22.11	53.29 1.11 -37.24	51.75 1.33 -31.93	47.35 1.40 -25.92	41.43 1.43 -19.21	35.66 1.18 -16.88	26.67 1.12 -8.55	21.98 0.55 -13.28

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.03 0.32 -14.60	18.40 0.32 -12.98	17.48 0.30 -12.31	17.91 0.30 -12.88	18.04 0.32 -12.63	19.95 0.50 -11.70	27.74 0.47 -20.06	28.65 0.89 -13.33	25.79 1.22 -7.17	22.33 1.22 -4.18	21.99 1.23 -3.96	21.99 1.21 -4.26	24.10 1.17 -7.07	28.17 1.14 -11.68	29.81 1.15 -13.29	33.44 1.03 -18.37	37.28 1.01 -22.11	53.29 1.11 -37.24	51.75 1.33 -31.93	47.35 1.40 -25.92	41.43 1.43 -19.21	35.66 1.18 -16.88	26.67 1.12 -8.55	21.98 0.55 -13.28
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.49 0.31 -15.08	18.82 0.31 -13.41	17.88 0.30 -12.71	18.32 0.29 -13.30	18.44 0.31 -13.05	20.31 0.47 -12.08	28.36 0.44 -20.72	29.04 0.85 -13.76	25.92 1.11 -7.41	22.25 1.08 -4.24	21.92 1.08 -4.05	21.97 1.09 -4.35	23.93 1.03 -7.04	27.75 0.98 -11.41	29.50 1.03 -13.10	33.11 0.94 -18.12	36.98 0.92 -21.89	52.38 0.94 -36.49	51.08 1.18 -31.41	46.85 1.32 -25.51	41.51 1.37 -19.36	35.71 1.13 -16.98	26.90 1.07 -8.83	22.39 0.52 -13.71
POLETTI____ 23519	19.98 0.33 -14.55	18.37 0.34 -12.93	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.95 0.54 -11.66	27.69 0.50 -19.99	28.69 0.98 -13.28	25.90 1.36 -7.15	22.47 1.37 -4.17	22.12 1.38 -3.95	22.14 1.37 -4.24	24.18 1.28 -7.04	28.23 1.24 -11.63	29.87 1.26 -13.24	33.45 1.11 -18.29	37.24 1.05 -22.03	53.26 1.23 -37.09	51.73 1.44 -31.80	47.32 1.48 -25.82	41.40 1.48 -19.14	35.63 1.21 -16.82	26.73 1.21 -8.51	21.97 0.59 -13.23
PORT_JEFF_3 23555	26.42 0.45 -20.86	21.55 0.46 -15.99	20.13 0.44 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.72 0.72 -13.24	30.13 0.76 -22.17	32.28 1.43 -16.42	31.17 1.79 -11.98	29.52 1.79 -10.80	28.86 1.70 -10.37	28.83 1.57 -10.73	30.27 1.55 -12.86	31.62 1.51 -14.76	30.82 1.49 -13.96	33.46 1.15 -18.27	42.24 1.28 -26.80	53.38 1.42 -37.02	51.76 1.53 -31.74	47.57 1.74 -25.81	47.06 1.91 -24.37	35.91 1.50 -16.82	29.50 1.63 -10.86	28.35 0.80 -19.39
PORT_JEFF_4 23616	26.42 0.45 -20.86	21.55 0.46 -15.99	20.13 0.44 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.72 0.72 -13.24	30.13 0.76 -22.17	32.28 1.43 -16.42	31.17 1.79 -11.98	29.52 1.79 -10.80	28.86 1.70 -10.37	28.83 1.57 -10.73	30.27 1.55 -12.86	31.62 1.51 -14.76	30.82 1.49 -13.96	33.46 1.15 -18.27	42.24 1.28 -26.80	53.38 1.42 -37.02	51.76 1.53 -31.74	47.57 1.74 -25.81	47.06 1.91 -24.37	35.91 1.50 -16.82	29.50 1.63 -10.86	28.35 0.80 -19.39
PORT_JEFF_IC 23713	26.42 0.46 -20.85	21.55 0.47 -15.99	20.14 0.45 -14.82	20.00 0.44 -14.83	19.16 0.46 -13.61	21.72 0.73 -13.24	30.15 0.77 -22.17	32.30 1.46 -16.42	31.20 1.83 -11.98	29.54 1.81 -10.80	28.90 1.73 -10.37	28.86 1.60 -10.73	30.30 1.59 -12.86	31.63 1.52 -14.76	30.85 1.52 -13.96	33.50 1.19 -18.27	42.28 1.32 -26.80	53.43 1.47 -37.02	51.82 1.59 -31.74	47.63 1.80 -25.81	47.13 1.98 -24.37	35.97 1.55 -16.82	29.54 1.67 -10.86	28.36 0.81 -19.39
PPL PILGRIM_ST_GT1 24216	26.41 0.46 -20.84	21.54 0.46 -15.98	20.12 0.44 -14.81	19.99 0.44 -14.83	19.16 0.46 -13.61	21.72 0.73 -13.24	30.12 0.75 -22.16	32.25 1.40 -16.42	31.19 1.81 -11.98	29.54 1.81 -10.80	28.88 1.71 -10.37	28.86 1.60 -10.73	30.29 1.57 -12.86	31.62 1.51 -14.76	30.82 1.49 -13.96	33.45 1.14 -18.27	42.25 1.26 -26.83	53.17 1.21 -37.02	51.52 1.29 -31.74	47.31 1.48 -25.81	46.77 1.62 -24.37	35.93 1.48 -16.85	29.47 1.60 -10.86	28.35 0.80 -19.39
PPL PILGRIM_ST_GT2 24217	26.41 0.46 -20.84	21.54 0.46 -15.98	20.12 0.44 -14.81	19.99 0.44 -14.83	19.16 0.46 -13.61	21.72 0.73 -13.24	30.12 0.75 -22.16	32.25 1.40 -16.42	31.19 1.81 -11.98	29.54 1.81 -10.80	28.88 1.71 -10.37	28.86 1.60 -10.73	30.29 1.57 -12.86	31.62 1.51 -14.76	30.82 1.49 -13.96	33.45 1.14 -18.27	42.25 1.26 -26.83	53.17 1.21 -37.02	51.52 1.29 -31.74	47.31 1.48 -25.81	46.77 1.62 -24.37	35.93 1.48 -16.85	29.47 1.60 -10.86	28.35 0.80 -19.39
PPL_SHRM_GT3 24213	26.38 0.42 -20.86	21.53 0.44 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.68 0.68 -13.24	30.07 0.69 -22.17	32.20 1.36 -16.42	30.94 1.57 -11.98	29.30 1.57 -10.80	28.64 1.48 -10.37	28.68 1.42 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.28 1.32 -37.02	51.63 1.40 -31.74	47.45 1.62 -25.81	46.94 1.79 -24.37	35.79 1.37 -16.82	29.35 1.48 -10.86	28.27 0.72 -19.39
PPL_SHRM_GT4 24214	26.38 0.42 -20.86	21.53 0.44 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.68 0.68 -13.24	30.07 0.69 -22.17	32.20 1.36 -16.42	30.94 1.57 -11.98	29.30 1.57 -10.80	28.64 1.48 -10.37	28.68 1.42 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.28 1.32 -37.02	51.63 1.40 -31.74	47.45 1.62 -25.81	46.94 1.79 -24.37	35.79 1.37 -16.82	29.35 1.48 -10.86	28.27 0.72 -19.39
PROJECT____ORANGE 1 24174	6.50 0.00 -1.39	6.32 -0.01 -1.23	6.02 -0.01 -1.17	5.94 -0.02 -1.22	6.27 -0.02 -1.20	8.88 0.01 -1.11	9.14 0.02 -1.91	15.60 -0.10 -1.27	17.92 -0.16 -0.68	17.17 -0.15 -0.39	17.04 -0.13 -0.37	16.81 -0.12 -0.40	16.40 -0.11 -0.65	16.31 -0.09 -1.05	16.48 -0.09 -1.21	15.63 -0.08 -1.67	16.05 -0.13 -2.01	18.15 -0.15 -3.36	21.25 -0.13 -2.89	22.25 -0.12 -2.35	22.42 -0.15 -1.78	19.06 -0.11 -1.56	17.70 -0.12 -0.81	9.43 0.01 -1.26
PROJECT____ORANGE 2 24166	6.50 0.00 -1.39	6.32 -0.01 -1.23	6.02 -0.01 -1.17	5.94 -0.02 -1.22	6.27 -0.02 -1.20	8.88 0.01 -1.11	9.14 0.02 -1.91	15.60 -0.10 -1.27	17.92 -0.16 -0.68	17.17 -0.15 -0.39	17.04 -0.13 -0.37	16.81 -0.12 -0.40	16.40 -0.11 -0.65	16.31 -0.09 -1.05	16.48 -0.09 -1.21	15.63 -0.08 -1.67	16.05 -0.13 -2.01	18.15 -0.15 -3.36	21.25 -0.13 -2.89	22.25 -0.12 -2.35	22.42 -0.15 -1.78	19.06 -0.11 -1.56	17.70 -0.12 -0.81	9.43 0.01 -1.26
PUCKETT____SOLAR 323809	9.87 0.19 -4.57	9.34 0.18 -4.07	8.90 0.17 -3.86	8.93 0.16 -4.04	9.22 0.17 -3.96	11.75 0.33 -3.67	13.78 0.29 -6.29	19.02 0.42 -4.18	20.04 0.40 -2.25	18.53 0.32 -1.28	18.28 0.25 -1.22	18.09 0.25 -1.31	18.21 0.24 -2.11	18.98 0.23 -3.40	19.51 0.23 -3.91	19.67 0.21 -5.41	20.95 0.24 -6.55	26.10 0.28 -10.87	28.32 0.46 -9.37	27.39 0.50 -6.87	26.64 0.60 -5.26	22.75 0.55 -4.61	19.92 0.49 -2.42	12.22 0.31 -3.76
PYRITES____HYD 24023	5.01 -0.27 -0.17	4.99 -0.26 -0.15	4.76 -0.25 -0.14	4.65 -0.24 -0.15	5.01 -0.23 -0.15	7.50 -0.39 -0.14	7.12 -0.32 -0.24	14.40 -0.19 -0.16	17.12 -0.37 -0.08	16.61 -0.37 -0.05	16.49 -0.35 -0.05	16.23 -0.35 -0.05	15.57 -0.36 -0.08	15.11 -0.37 -0.13	15.12 -0.40 -0.15	13.88 -0.37 -0.20	14.10 -0.31 -0.25	15.13 -0.22 -0.41	18.47 -0.37 -0.35	19.87 -0.44 -0.29	20.57 -0.44 -0.22	17.33 -0.46 -0.19	16.80 -0.31 -0.10	7.92 -0.39 -0.16
QUAKERRD_115KV_BK1 80622	6.73 -0.04 -1.65	6.51 -0.06 -1.47	6.21 -0.05 -1.39	6.14 -0.05 -1.46	6.46 -0.07 -1.43	9.04 -0.04 -1.33	9.39 -0.09 -2.27	15.46 -0.48 -1.51	17.57 -0.64 -0.81	16.75 -0.64 -0.47	16.62 -0.62 -0.44	16.40 -0.61 -0.57	16.06 -0.57 -0.77	16.05 -0.55 -1.25	16.25 -0.55 -1.44	15.53 -0.51 -1.99	16.04 -0.52 -2.40	18.33 -0.61 -4.00	21.17 -0.76 -3.44	22.04 -0.78 -2.80	22.10 -0.81 -2.12	18.83 -0.63 -1.86	17.36 -0.61 -0.97	9.54 -0.12 -1.50

QUENSBRY_I15KV_TB8 356137	24.19 0.22 -18.86	22.07 0.20 -16.77	20.95 0.19 -15.90	21.55 0.18 -16.64	21.61 0.20 -16.32	23.22 0.35 -15.11	33.48 0.36 -25.92	32.44 0.79 -17.21	27.64 0.97 -9.27	23.01 0.88 -5.20	22.64 0.84 -5.01	22.77 0.86 -5.38	25.27 0.92 -8.49	29.75 0.92 -13.47	31.44 0.46 -15.61	36.15 0.48 -21.63	40.90 0.51 -26.22	58.75 0.58 -43.22	56.61 0.78 -37.35	51.24 0.86 -30.36	45.36 0.96 -23.62	39.03 0.74 -20.69	29.12 1.07 -11.04	25.74 0.42 -17.15
RAMAPO____LBMP 323565	18.79 0.31 -13.37	17.30 0.31 -11.89	16.44 0.29 -11.28	16.82 0.28 -11.80	16.96 0.30 -11.57	18.95 0.47 -10.72	26.03 0.45 -18.38	27.49 0.85 -12.21	25.11 1.15 -6.57	21.91 1.15 -3.83	21.57 1.14 -3.63	21.57 1.14 -3.90	23.42 1.09 -6.46	27.07 1.04 -10.67	28.59 1.08 -12.15	31.80 0.97 -16.79	35.32 0.93 -20.22	49.96 0.99 -34.03	48.84 1.16 -29.18	45.00 1.28 -23.70	39.69 1.33 -17.58	34.13 1.09 -15.44	25.89 1.05 -7.83	20.84 0.52 -12.16
RANKINE____ 23646	7.55 0.13 -2.31	7.25 0.10 -2.05	6.93 0.12 -1.95	6.88 0.11 -2.04	7.18 0.09 -2.00	9.83 0.22 -1.85	10.49 0.12 -3.17	16.18 -0.36 -2.11	17.99 -0.54 -1.13	17.04 -0.54 -0.65	16.85 -0.57 -0.62	16.68 -0.51 -0.67	16.44 -0.49 -1.08	16.64 -0.46 -1.75	16.91 -0.46 -2.01	16.37 -0.45 -2.77	17.05 -0.47 -3.35	19.92 -0.61 -5.59	22.50 -0.79 -4.81	23.09 -0.84 -3.91	22.94 -0.81 -2.96	19.56 -0.63 -2.60	17.81 -0.54 -1.35	10.29 0.03 -2.10
RAVENSWOOD_GT2_1 24244	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT2_2 24245	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT2_3 24246	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.20 1.24 -37.01	51.69 1.46 -31.74	47.35 1.52 -25.81	41.43 1.52 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT2_4 24247	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.20 1.24 -37.01	51.69 1.46 -31.74	47.35 1.52 -25.81	41.43 1.52 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT3_1 24248	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT3_2 24249	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT3_3 24250	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.01 0.34 -12.57	19.94 0.54 -11.64	27.69 0.52 -19.97	28.70 1.01 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.20 1.32 -7.03	28.24 1.27 -11.61	29.88 1.29 -13.22	33.44 1.14 -18.26	37.22 1.08 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.37 1.54 -25.81	41.46 1.54 -19.13	35.68 1.27 -16.81	26.76 1.24 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT3_4 24251	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.01 0.34 -12.57	19.94 0.54 -11.64	27.69 0.52 -19.97	28.70 1.01 -13.26	25.93 1.39 -7.14	22.48 1.39 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.20 1.32 -7.03	28.24 1.27 -11.61	29.88 1.29 -13.22	33.44 1.14 -18.26	37.22 1.08 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.37 1.54 -25.81	41.46 1.54 -19.13	35.68 1.27 -16.81	26.76 1.24 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_1 23729	19.99 0.35 -14.53	18.37 0.35 -12.92	17.45 0.34 -12.25	17.87 0.32 -12.82	18.01 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.93 1.39 -7.14	22.50 1.40 -4.16	22.15 1.41 -3.94	22.15 1.39 -4.24	24.20 1.32 -7.03	28.27 1.30 -11.61	29.88 1.29 -13.22	33.44 1.14 -18.26	37.22 1.08 -21.99	53.24 1.29 -37.01	51.72 1.50 -31.74	47.37 1.54 -25.81	41.46 1.54 -19.13	35.66 1.25 -16.81	26.78 1.26 -8.52	22.01 0.62 -13.23
RAVENSWOOD_GT_10 24258	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_11 24259	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_4 24252	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23

RAVENSWOOD_GT_5 24254	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_6 24253	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_7 24255	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.69 0.99 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.66 1.25 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD_GT_9 24257	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.85 1.26 -13.22	33.42 1.11 -18.26	37.21 1.06 -21.99	53.18 1.23 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD___1 23533	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.50 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.48 1.39 -4.16	22.15 1.41 -3.94	22.14 1.37 -4.24	24.20 1.32 -7.03	28.26 1.29 -11.61	29.88 1.29 -13.22	33.44 1.14 -18.26	37.21 1.06 -21.99	53.23 1.27 -37.01	51.72 1.50 -31.74	47.35 1.52 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.76 1.24 -8.52	22.00 0.61 -13.23
RAVENSWOOD___2 23534	19.98 0.34 -14.53	18.36 0.34 -12.92	17.45 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.68 0.50 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.26 1.29 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.23 1.27 -37.01	51.71 1.48 -31.74	47.35 1.52 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.76 1.24 -8.52	22.00 0.61 -13.23
RAVENSWOOD___3 23535	19.97 0.34 -14.53	18.35 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.93 0.53 -11.64	27.68 0.51 -19.97	28.67 0.98 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.12 1.38 -3.94	22.12 1.36 -4.24	24.17 1.28 -7.03	28.22 1.26 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.20 1.24 -37.01	51.69 1.46 -31.74	47.33 1.50 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RAVENSWOOD___4 23820	19.97 0.34 -14.53	18.36 0.34 -12.92	17.44 0.33 -12.25	17.87 0.32 -12.82	18.00 0.34 -12.57	19.92 0.52 -11.64	27.68 0.50 -19.97	28.66 0.97 -13.26	25.91 1.37 -7.14	22.46 1.37 -4.16	22.13 1.39 -3.94	22.14 1.37 -4.24	24.19 1.30 -7.03	28.24 1.27 -11.61	29.86 1.27 -13.22	33.43 1.12 -18.26	37.21 1.06 -21.99	53.21 1.26 -37.01	51.71 1.48 -31.74	47.35 1.52 -25.81	41.43 1.52 -19.13	35.64 1.23 -16.81	26.75 1.23 -8.52	21.99 0.60 -13.23
RCPL_TRUST___DRP 24196	20.00 0.35 -14.54	18.38 0.35 -12.93	17.47 0.34 -12.26	17.89 0.33 -12.83	18.02 0.35 -12.59	19.97 0.56 -11.66	27.72 0.53 -19.99	28.74 1.04 -13.27	25.97 1.43 -7.15	22.54 1.44 -4.17	22.19 1.44 -3.95	22.19 1.42 -4.24	24.24 1.35 -7.04	28.31 1.32 -11.63	29.93 1.32 -13.24	33.50 1.17 -18.29	37.31 1.12 -22.03	53.32 1.29 -37.09	51.81 1.52 -31.80	47.42 1.58 -25.82	41.50 1.58 -19.14	35.72 1.30 -16.81	26.79 1.28 -8.51	22.01 0.62 -13.23
RED___ROCHESTER 323720	7.00 0.13 -1.76	6.77 0.11 -1.57	6.45 0.10 -1.49	6.39 0.10 -1.56	6.70 0.09 -1.53	9.38 0.21 -1.41	9.73 0.10 -2.42	15.98 -0.06 -1.61	18.09 -0.17 -0.87	17.22 -0.20 -0.49	17.12 -0.15 -0.47	16.86 -0.18 -0.51	16.53 -0.14 -0.81	16.54 -0.12 -1.31	16.74 -0.14 -1.51	15.99 -0.14 -2.09	16.53 -0.16 -2.52	18.91 -0.22 -4.19	21.80 -0.30 -3.61	22.64 -0.28 -2.90	22.71 -0.29 -2.22	19.37 -0.18 -1.94	17.87 -0.15 -1.02	9.88 0.14 -1.58
REGAN___SOLAR 323812	26.92 0.53 -21.29	24.52 0.49 -18.93	23.28 0.46 -17.95	23.97 0.45 -18.79	24.02 0.50 -18.42	25.65 0.84 -17.06	37.17 0.71 -29.25	35.28 1.42 -19.43	29.40 1.55 -10.46	24.25 1.44 -5.88	23.71 1.24 -5.66	23.97 1.36 -6.09	26.79 1.30 -9.63	31.94 1.29 -15.30	34.41 1.32 -17.72	39.92 1.33 -24.55	45.39 1.47 -29.76	65.72 1.69 -49.09	63.07 2.18 -42.40	56.83 2.42 -34.38	50.06 2.58 -26.70	43.08 2.09 -23.39	31.40 1.94 -12.46	28.33 0.82 -19.35
RENSSELAER___COGEN 23796	23.16 0.09 -17.97	21.16 0.09 -15.98	20.10 0.08 -15.15	20.66 0.08 -15.85	20.73 0.09 -15.55	22.29 0.14 -14.40	32.00 0.11 -24.69	31.02 0.19 -16.40	26.48 0.26 -8.83	22.12 0.27 -4.92	21.85 0.30 -4.75	21.94 0.31 -5.10	24.11 0.27 -7.98	28.17 0.26 -12.56	30.25 0.28 -14.61	34.54 0.25 -20.25	39.09 0.28 -24.64	55.71 0.28 -40.48	53.88 0.37 -35.02	48.89 0.40 -28.47	43.52 0.42 -22.32	37.50 0.35 -19.54	27.84 0.32 -10.51	24.63 0.14 -16.33
REPUBLIC_115KV_BARTNBRK 55605	24.41 0.45 -18.84	22.25 0.40 -16.76	21.12 0.36 -15.89	21.71 0.35 -16.63	21.80 0.40 -16.31	23.51 0.65 -15.10	33.86 0.76 -25.89	33.17 1.54 -17.20	28.52 1.86 -9.26	23.84 1.71 -5.20	23.43 1.63 -5.00	23.59 1.69 -5.37	26.04 1.70 -8.49	30.47 1.66 -13.46	31.97 1.00 -15.60	36.67 1.01 -21.61	41.45 1.09 -26.20	59.37 1.24 -43.18	57.52 1.72 -37.32	52.32 1.96 -30.33	46.63 2.24 -23.60	40.02 1.74 -20.67	29.99 1.96 -11.03	26.08 0.78 -17.14
REVERE_CPPR_DRP 24186	5.83 0.14 -0.58	5.75 0.13 -0.52	5.48 0.12 -0.49	5.36 0.11 -0.52	5.73 0.14 -0.51	8.48 0.26 -0.47	8.27 0.26 -0.80	15.37 0.40 -0.53	18.12 0.43 -0.29	17.47 0.37 -0.16	17.31 0.35 -0.16	17.03 0.33 -0.17	16.43 0.30 -0.27	16.07 0.28 -0.44	16.12 0.25 -0.51	14.98 0.24 -0.70	15.32 0.31 -0.84	16.75 0.40 -1.41	20.29 0.59 -1.21	21.63 0.62 -0.98	22.36 0.83 -0.75	18.96 0.70 -0.66	17.96 0.61 -0.34	8.97 0.28 -0.53

REYNOLDS_115KV_TB3 80639	23.06 0.14 -17.82	21.07 0.13 -15.84	20.02 0.13 -15.02	20.57 0.12 -15.72	20.64 0.14 -15.42	22.24 0.21 -14.28	31.86 0.17 -24.48	31.01 0.32 -16.26	26.57 0.42 -8.75	22.23 0.42 -4.88	21.94 0.44 -4.71	22.02 0.43 -5.06	24.17 0.40 -7.91	28.18 0.38 -12.44	30.24 0.40 -14.47	34.48 0.37 -20.07	38.92 0.40 -24.36	55.32 0.40 -39.97	53.60 0.52 -34.59	48.71 0.56 -28.12	43.47 0.58 -22.10	37.42 0.48 -19.35	27.89 0.46 -10.43	24.57 0.21 -16.20
RIVERBAY____ 323610	20.04 0.38 -14.55	18.41 0.38 -12.94	17.50 0.37 -12.26	17.92 0.35 -12.83	18.05 0.38 -12.59	19.98 0.57 -11.66	27.72 0.53 -19.99	28.67 0.97 -13.28	25.88 1.34 -7.15	22.44 1.34 -4.17	22.09 1.34 -3.95	22.18 1.41 -4.24	24.17 1.27 -7.04	28.24 1.26 -11.63	29.84 1.23 -13.24	33.42 1.08 -18.29	37.25 1.06 -22.03	53.26 1.23 -37.09	51.73 1.44 -31.80	47.33 1.48 -25.82	41.38 1.45 -19.14	35.61 1.20 -16.82	26.76 1.24 -8.51	22.03 0.64 -13.23
RIVERSDE_115KV_TB3 55908	23.07 0.11 -17.86	21.08 0.11 -15.88	20.03 0.10 -15.06	20.58 0.09 -15.76	20.65 0.11 -15.45	22.24 0.17 -14.31	31.87 0.13 -24.54	30.97 0.25 -16.30	26.50 0.33 -8.77	22.17 0.34 -4.90	21.89 0.37 -4.72	21.99 0.38 -5.08	24.14 0.33 -7.95	28.20 0.32 -12.53	30.27 0.34 -14.56	34.55 0.32 -20.18	39.00 0.34 -24.50	55.53 0.36 -40.23	53.74 0.44 -34.81	48.80 0.48 -28.30	43.48 0.50 -22.19	37.44 0.40 -19.43	27.85 0.39 -10.45	24.57 0.17 -16.24
ROARING____BROOK_WT_PWR 323790	4.88 -0.23 0.00	4.88 -0.21 0.00	4.67 -0.20 0.00	4.54 -0.19 0.00	4.89 -0.20 0.00	7.44 -0.32 0.00	6.94 -0.27 0.00	14.03 -0.40 0.00	16.96 -0.43 0.00	16.57 -0.36 0.00	16.46 -0.34 0.00	16.18 -0.35 0.00	15.51 -0.35 0.00	14.98 -0.37 0.00	14.97 -0.40 0.00	13.68 -0.37 0.00	13.81 -0.35 0.00	14.62 -0.33 0.00	18.08 -0.41 0.00	19.52 -0.50 0.00	20.16 -0.62 0.00	16.98 -0.62 0.00	16.39 -0.61 0.00	7.82 -0.34 0.00
ROCHESRG_115KV_T4 355643	6.86 0.09 -1.67	6.64 0.07 -1.48	6.34 0.06 -1.40	6.26 0.06 -1.47	6.58 0.05 -1.44	9.24 0.15 -1.34	9.56 0.06 -2.29	15.72 -0.23 -1.52	17.85 -0.37 -0.82	17.03 -0.37 -0.47	16.91 -0.34 -0.45	16.66 -0.35 -0.48	16.32 -0.32 -0.78	16.32 -0.29 -1.26	16.51 -0.31 -1.45	15.75 -0.29 -2.00	16.27 -0.31 -2.42	18.59 -0.39 -4.03	21.46 -0.50 -3.47	22.34 -0.50 -2.82	22.40 -0.52 -2.14	19.11 -0.37 -1.88	17.64 -0.34 -0.98	9.72 0.05 -1.52
ROCHESTER_9_IC 23652	6.91 0.11 -1.69	6.69 0.09 -1.51	6.38 0.08 -1.43	6.31 0.08 -1.49	6.63 0.07 -1.47	9.29 0.18 -1.36	9.63 0.10 -2.33	15.83 0.10 -1.55	17.97 -0.26 -0.83	17.12 -0.29 -0.48	17.02 -0.24 -0.45	16.75 -0.26 -0.49	16.43 -0.22 -0.79	16.42 -0.22 -1.28	16.62 -0.21 -1.47	15.87 -0.21 -2.04	16.40 -0.23 -2.46	18.74 -0.30 -4.10	21.63 -0.39 -3.53	22.51 -0.38 -2.87	22.56 -0.39 -2.17	19.24 -0.26 -1.91	17.76 -0.24 -0.99	9.80 0.10 -1.54
ROCKVIEW_13_KV_LD 356306	19.99 0.34 -14.55	18.37 0.34 -12.94	17.45 0.32 -12.26	17.88 0.32 -12.84	18.01 0.34 -12.59	19.94 0.53 -11.66	27.70 0.50 -19.99	28.67 0.97 -13.28	25.85 1.30 -7.15	22.42 1.32 -4.17	22.06 1.31 -3.95	22.08 1.31 -4.24	24.15 1.25 -7.04	28.21 1.23 -11.63	29.85 1.24 -13.24	33.45 1.11 -18.29	37.27 1.08 -22.03	53.23 1.20 -37.09	51.74 1.44 -31.81	47.37 1.52 -25.82	41.46 1.54 -19.14	35.68 1.27 -16.82	26.73 1.21 -8.52	21.98 0.59 -13.23
ROME____115KV_TB2 80656	5.83 0.14 -0.58	5.75 0.13 -0.52	5.48 0.12 -0.49	5.36 0.11 -0.52	5.73 0.14 -0.51	8.48 0.26 -0.47	8.27 0.26 -0.80	15.37 0.40 -0.53	18.12 0.43 -0.29	17.47 0.37 -0.16	17.31 0.35 -0.16	17.03 0.33 -0.17	16.43 0.30 -0.27	16.07 0.28 -0.44	16.12 0.25 -0.51	14.98 0.24 -0.70	15.32 0.31 -0.84	16.75 0.40 -1.41	20.29 0.59 -1.21	21.63 0.62 -0.98	22.36 0.83 -0.75	18.96 0.70 -0.66	17.96 0.61 -0.34	8.97 0.28 -0.53
ROSETON____1 23587	19.57 0.29 -14.18	17.99 0.29 -12.61	17.10 0.28 -11.95	17.51 0.27 -12.51	17.64 0.28 -12.27	19.57 0.45 -11.36	27.11 0.43 -19.48	28.16 0.79 -12.94	25.44 1.08 -6.96	22.06 1.07 -4.06	21.72 1.08 -3.84	21.72 1.06 -4.13	23.73 1.02 -6.85	27.64 0.97 -11.32	29.25 1.00 -12.88	32.74 0.90 -17.80	36.45 0.86 -21.42	51.94 0.94 -36.06	50.54 1.13 -30.92	46.37 1.20 -25.14	40.69 1.25 -18.66	35.01 1.02 -16.39	26.30 0.99 -8.31	21.56 0.49 -12.91
ROSETON____2 23588	19.57 0.29 -14.18	17.99 0.29 -12.61	17.10 0.28 -11.95	17.51 0.27 -12.51	17.64 0.28 -12.27	19.57 0.45 -11.36	27.11 0.43 -19.48	28.16 0.79 -12.94	25.44 1.08 -6.96	22.06 1.07 -4.06	21.72 1.08 -3.84	21.72 1.06 -4.13	23.73 1.02 -6.85	27.64 0.97 -11.32	29.25 1.00 -12.88	32.74 0.90 -17.80	36.45 0.86 -21.42	51.94 0.94 -36.06	50.54 1.13 -30.92	46.37 1.20 -25.14	40.69 1.25 -18.66	35.01 1.02 -16.39	26.30 0.99 -8.31	21.56 0.49 -12.91
ROTTTRDAM_115KV_TB3 80664	24.44 0.20 -19.13	22.30 0.19 -17.02	21.18 0.18 -16.13	21.79 0.18 -16.88	21.84 0.19 -16.56	23.39 0.30 -15.33	33.78 0.28 -26.29	32.43 0.53 -17.46	27.46 0.66 -9.40	22.86 0.63 -5.30	22.49 0.60 -5.09	22.63 0.63 -5.47	25.14 0.60 -8.68	29.78 0.60 -13.83	31.92 0.55 -16.00	36.72 0.52 -22.16	41.54 0.54 -26.84	59.87 0.58 -44.34	57.51 0.74 -38.28	51.95 0.82 -31.11	45.72 0.85 -24.08	39.41 0.70 -21.10	28.92 0.71 -11.20	25.88 0.32 -17.40
RUSSELL____1 23602	6.93 0.13 -1.69	6.71 0.11 -1.51	6.39 0.10 -1.43	6.33 0.10 -1.50	6.64 0.09 -1.47	9.32 0.21 -1.36	9.66 0.13 -2.33	15.91 -0.07 -1.55	18.06 -0.17 -0.83	17.20 -0.20 -0.48	17.10 -0.15 -0.45	16.84 -0.18 -0.49	16.51 -0.14 -0.79	16.51 -0.12 -1.28	16.70 -0.14 -1.47	15.94 -0.14 -2.04	16.47 -0.16 -2.46	18.82 -0.22 -4.10	21.72 -0.30 -3.53	22.61 -0.28 -2.87	22.67 -0.29 -2.17	19.33 -0.18 -1.91	17.84 -0.15 -0.99	9.84 0.14 -1.54
RUSSELL____2 23532	6.93 0.13 -1.69	6.71 0.11 -1.51	6.39 0.10 -1.43	6.33 0.10 -1.50	6.64 0.09 -1.47	9.32 0.21 -1.36	9.66 0.13 -2.33	15.91 -0.07 -1.55	18.06 -0.17 -0.83	17.20 -0.20 -0.48	17.10 -0.15 -0.45	16.84 -0.18 -0.49	16.51 -0.14 -0.79	16.51 -0.12 -1.28	16.70 -0.14 -1.47	15.94 -0.14 -2.04	16.47 -0.16 -2.46	18.82 -0.22 -4.10	21.72 -0.30 -3.53	22.61 -0.28 -2.87	22.67 -0.29 -2.17	19.33 -0.18 -1.91	17.84 -0.15 -0.99	9.84 0.14 -1.54
RUSSELL____3 23549	6.93 0.13 -1.69	6.71 0.11 -1.51	6.39 0.10 -1.43	6.33 0.10 -1.50	6.64 0.09 -1.47	9.32 0.21 -1.36	9.66 0.13 -2.33	15.91 -0.07 -1.55	18.06 -0.17 -0.83	17.20 -0.20 -0.48	17.10 -0.15 -0.45	16.84 -0.18 -0.49	16.51 -0.14 -0.79	16.51 -0.12 -1.28	16.70 -0.14 -1.47	15.94 -0.14 -2.04	16.47 -0.16 -2.46	18.82 -0.22 -4.10	21.72 -0.30 -3.53	22.61 -0.28 -2.87	22.67 -0.29 -2.17	19.33 -0.18 -1.91	17.84 -0.15 -0.99	9.84 0.14 -1.54
RUSSELL____4 23556	6.93 0.13 -1.69	6.71 0.11 -1.51	6.39 0.10 -1.43	6.33 0.10 -1.50	6.64 0.09 -1.47	9.32 0.21 -1.36	9.66 0.13 -2.33	15.91 -0.07 -1.55	18.06 -0.17 -0.83	17.20 -0.20 -0.48	17.10 -0.15 -0.45	16.84 -0.18 -0.49	16.51 -0.14 -0.79	16.51 -0.12 -1.28	16.70 -0.14 -1.47	15.94 -0.14 -2.04	16.47 -0.16 -2.46	18.82 -0.22 -4.10	21.72 -0.30 -3.53	22.61 -0.28 -2.87	22.67 -0.29 -2.17	19.33 -0.18 -1.91	17.84 -0.15 -0.99	9.84 0.14 -1.54

RUSSELL___STATION 23914	6.93 0.13 -1.69	6.71 0.11 -1.51	6.39 0.10 -1.43	6.33 0.10 -1.50	6.64 0.09 -1.47	9.32 0.21 -1.36	9.66 0.13 -2.33	15.91 -0.07 -1.55	18.06 -0.17 -0.83	17.20 -0.20 -0.48	17.10 -0.15 -0.45	16.84 -0.18 -0.49	16.51 -0.14 -0.79	16.51 -0.12 -1.28	16.70 -0.14 -1.47	15.94 -0.14 -2.04	16.47 -0.16 -2.46	18.82 -0.22 -4.10	21.72 -0.30 -3.53	22.61 -0.28 -2.87	22.67 -0.29 -2.17	19.33 -0.18 -1.91	17.84 -0.15 -0.99	9.84 0.14 -1.54
S SALMON___HYD 24043	6.18 -0.06 -1.13	6.03 -0.07 -1.01	5.75 -0.07 -0.95	5.65 -0.08 -1.00	5.99 -0.08 -0.98	8.58 -0.09 -0.91	8.66 -0.10 -1.55	15.19 -0.27 -1.03	17.53 -0.42 -0.56	16.84 -0.41 -0.32	16.71 -0.39 -0.30	16.49 -0.36 -0.32	16.03 -0.35 -0.52	15.85 -0.34 -0.83	15.98 -0.35 -0.96	15.04 -0.34 -1.33	15.45 -0.33 -1.61	17.30 -0.31 -2.67	20.49 -0.30 -2.30	21.57 -0.32 -1.87	22.02 -0.19 -1.43	18.69 -0.16 -1.25	17.47 -0.19 -0.66	9.12 -0.06 -1.02
S.PERRY___115KV_TB1 80734	7.70 0.28 -2.31	7.41 0.25 -2.06	7.05 0.23 -1.95	7.00 0.23 -2.04	7.32 0.23 -2.00	10.06 0.45 -1.86	10.75 0.37 -3.18	16.88 0.33 -2.11	18.76 0.23 -1.14	17.68 0.10 -0.65	17.51 0.08 -0.62	17.21 0.02 -0.67	16.97 0.03 -1.08	17.18 0.08 -1.75	17.49 0.11 -2.01	16.91 0.08 -2.78	17.58 0.06 -3.36	20.66 0.10 -5.61	23.52 0.20 -4.82	24.30 0.36 -3.92	24.13 0.37 -2.97	20.59 0.39 -2.61	18.72 0.36 -1.36	10.66 0.39 -2.11
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	7.47 0.11 -2.25	7.19 0.09 -2.00	6.87 0.10 -1.90	6.81 0.09 -1.99	7.12 0.08 -1.95	9.75 0.19 -1.80	10.38 0.08 -3.09	16.01 -0.48 -2.05	17.82 -0.68 -1.11	16.87 -0.69 -0.63	16.71 -0.69 -0.60	16.52 -0.66 -0.65	16.29 -0.62 -1.05	16.47 -0.58 -1.70	16.74 -0.58 -1.95	16.19 -0.56 -2.70	16.85 -0.58 -3.27	19.66 -0.73 -5.44	22.21 -0.96 -4.69	22.81 -1.02 -3.81	22.68 -1.00 -2.89	19.36 -0.77 -2.53	17.66 -0.66 -1.32	10.20 -0.01 -2.05
SAWYER___23_KV_LOAD 55526	7.47 0.11 -2.25	7.19 0.09 -2.00	6.87 0.10 -1.90	6.81 0.09 -1.99	7.12 0.08 -1.95	9.75 0.19 -1.80	10.38 0.08 -3.09	16.01 -0.48 -2.05	17.82 -0.68 -1.11	16.87 -0.69 -0.63	16.71 -0.69 -0.60	16.52 -0.66 -0.65	16.29 -0.62 -1.05	16.47 -0.58 -1.70	16.74 -0.58 -1.95	16.19 -0.56 -2.70	16.85 -0.58 -3.27	19.66 -0.73 -5.44	22.21 -0.96 -4.69	22.81 -1.02 -3.81	22.68 -1.00 -2.89	19.36 -0.77 -2.53	17.66 -0.66 -1.32	10.20 -0.01 -2.05
SELKIRK___I 23801	22.90 0.16 -17.63	20.93 0.16 -15.68	19.88 0.15 -14.87	20.44 0.15 -15.56	20.51 0.16 -15.26	22.13 0.25 -14.13	31.64 0.21 -24.23	30.90 0.37 -16.09	26.53 0.47 -8.66	22.25 0.46 -4.87	21.93 0.45 -4.67	22.02 0.46 -5.02	24.24 0.44 -7.94	28.36 0.41 -12.60	30.39 0.43 -14.59	34.67 0.41 -20.22	39.08 0.40 -24.52	55.78 0.40 -40.44	53.94 0.52 -34.94	49.00 0.56 -28.42	43.48 0.60 -22.09	37.45 0.49 -19.36	27.82 0.49 -10.32	24.41 0.22 -16.03
SELKIRK___II 23799	23.13 0.13 -17.89	21.13 0.12 -15.91	20.07 0.12 -15.08	20.63 0.11 -15.79	20.70 0.13 -15.48	22.29 0.20 -14.34	31.96 0.17 -24.58	31.06 0.30 -16.33	26.59 0.40 -8.79	22.25 0.39 -4.93	21.94 0.40 -4.74	22.03 0.41 -5.09	24.25 0.37 -8.02	28.43 0.37 -12.70	30.49 0.38 -14.73	34.81 0.35 -20.42	39.27 0.34 -24.77	56.08 0.34 -40.79	54.19 0.44 -35.26	49.18 0.48 -28.67	43.63 0.50 -22.35	37.60 0.42 -19.58	27.86 0.39 -10.47	24.61 0.19 -16.26
SENECA OSWGO___HYD 24041	6.31 -0.08 -1.28	6.15 -0.09 -1.14	5.86 -0.09 -1.08	5.78 -0.09 -1.13	6.10 -0.10 -1.11	8.67 -0.11 -1.03	8.85 -0.12 -1.76	15.27 -0.33 -1.17	17.59 -0.43 -0.63	16.85 -0.44 -0.36	16.70 -0.44 -0.34	16.48 -0.41 -0.37	16.06 -0.38 -0.59	15.93 -0.37 -0.94	16.09 -0.37 -1.09	15.20 -0.35 -1.50	15.63 -0.35 -1.82	17.58 -0.39 -3.02	20.70 -0.39 -2.60	21.73 -0.40 -2.11	21.99 -0.42 -1.62	18.68 -0.33 -1.42	17.39 -0.36 -0.74	9.21 -0.11 -1.16
SENECA___115KV_TB3 355854	7.56 0.14 -2.31	7.26 0.11 -2.05	6.94 0.13 -1.95	6.88 0.11 -2.04	7.19 0.10 -2.00	9.84 0.23 -1.85	10.51 0.13 -3.17	16.21 -0.33 -2.11	18.01 -0.52 -1.13	17.05 -0.52 -0.65	16.88 -0.54 -0.62	16.72 -0.48 -0.67	16.48 -0.46 -1.08	16.65 -0.45 -1.75	16.94 -0.43 -2.01	16.38 -0.44 -2.77	17.06 -0.45 -3.35	19.95 -0.58 -5.59	22.54 -0.76 -4.81	23.11 -0.82 -3.91	22.98 -0.77 -2.96	19.58 -0.62 -2.60	17.83 -0.53 -1.35	10.30 0.04 -2.10
SENECA___ENERGY 23797	6.99 0.05 -1.84	6.77 0.03 -1.64	6.45 0.02 -1.55	6.38 0.02 -1.62	6.71 0.02 -1.59	9.33 0.10 -1.48	9.80 0.06 -2.53	16.10 -0.01 -1.68	18.21 -0.09 -0.90	17.33 -0.12 -0.51	17.18 -0.12 -0.49	16.96 -0.10 -0.53	16.58 -0.13 -0.85	16.63 -0.09 -1.37	16.87 -0.08 -1.58	16.15 -0.08 -2.19	16.71 -0.10 -2.65	19.21 -0.13 -4.40	22.18 -0.09 -3.79	23.02 -0.06 -3.06	23.08 -0.04 -2.34	19.63 -0.02 -2.05	18.03 -0.05 -1.08	9.91 0.08 -1.67
SHOEMAKER___GT 23640	17.77 0.26 -12.40	16.39 0.26 -11.03	15.57 0.25 -10.46	15.92 0.25 -10.94	16.08 0.26 -10.73	18.11 0.41 -9.94	24.65 0.40 -17.04	26.50 0.75 -11.32	24.45 0.96 -6.09	21.42 0.95 -3.55	21.09 0.92 -3.36	21.05 0.91 -3.61	22.72 0.89 -5.98	26.05 0.84 -9.85	27.47 0.88 -11.23	30.36 0.80 -15.52	33.63 0.78 -18.69	47.16 0.79 -31.42	46.42 0.98 -26.96	43.06 1.10 -21.94	38.24 1.14 -16.31	32.88 0.95 -14.33	25.21 0.92 -7.28	19.94 0.46 -11.31
SHOEMAKR_138KV_BK 111 55601	17.85 0.26 -12.48	16.46 0.27 -11.10	15.64 0.25 -10.52	15.98 0.24 -11.01	16.15 0.26 -10.80	18.16 0.40 -10.00	24.74 0.38 -17.15	26.56 0.74 -11.39	24.48 0.96 -6.13	21.45 0.95 -3.57	21.11 0.92 -3.38	21.07 0.91 -3.63	22.76 0.89 -6.02	26.12 0.84 -9.92	27.55 0.88 -11.30	30.46 0.80 -15.62	33.76 0.78 -18.81	47.38 0.79 -31.65	46.61 0.98 -27.15	43.14 1.08 -22.04	38.28 1.12 -16.37	32.92 0.93 -14.39	25.21 0.90 -7.30	19.96 0.46 -11.35
SHOREHAM_IC_1 23715	26.38 0.42 -20.86	21.53 0.44 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.68 0.68 -13.24	30.07 0.69 -22.17	32.20 1.36 -16.42	30.94 1.57 -11.98	29.30 1.57 -10.80	28.64 1.48 -10.37	28.68 1.42 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.28 1.32 -37.02	51.63 1.40 -31.74	47.45 1.62 -25.81	46.94 1.79 -24.37	35.79 1.37 -16.82	29.35 1.48 -10.86	28.27 0.72 -19.39
SHOREHAM_IC_2 23716	26.38 0.42 -20.86	21.53 0.44 -15.99	20.12 0.43 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.68 0.68 -13.24	30.07 0.69 -22.17	32.20 1.36 -16.42	30.94 1.57 -11.98	29.30 1.57 -10.80	28.64 1.48 -10.37	28.68 1.42 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.28 1.32 -37.02	51.63 1.40 -31.74	47.45 1.62 -25.81	46.94 1.79 -24.37	35.79 1.37 -16.82	29.35 1.48 -10.86	28.27 0.72 -19.39
SISSONVILLE___ 23735	4.92 -0.37 -0.18	4.90 -0.36 -0.16	4.68 -0.35 -0.16	4.56 -0.33 -0.16	4.91 -0.34 -0.16	7.34 -0.56 -0.15	6.98 -0.48 -0.25	14.12 -0.48 -0.17	16.79 -0.70 -0.09	16.32 -0.66 -0.05	16.19 -0.66 -0.05	15.91 -0.68 -0.05	15.29 -0.65 -0.09	14.85 -0.64 -0.14	14.87 -0.66 -0.16	13.66 -0.60 -0.22	13.86 -0.57 -0.27	14.90 -0.49 -0.44	18.15 -0.72 -0.38	19.51 -0.82 -0.31	20.15 -0.87 -0.24	17.00 -0.81 -0.21	16.45 -0.66 -0.11	7.77 -0.55 -0.17

SITHE_IND_GS1 24169	6.09 -0.11 -1.10	5.95 -0.12 -0.98	5.68 -0.12 -0.93	5.58 -0.12 -0.97	5.91 -0.13 -0.95	8.47 -0.16 -0.88	8.53 -0.18 -1.51	14.98 -0.45 -1.00	17.38 -0.56 -0.54	16.68 -0.56 -0.31	16.54 -0.55 -0.29	16.32 -0.53 -0.32	15.86 -0.51 -0.51	15.69 -0.48 -0.81	15.83 -0.48 -0.94	14.89 -0.45 -1.30	15.28 -0.45 -1.57	17.06 -0.49 -2.61	20.16 -0.57 -2.25	21.21 -0.62 -1.81	21.52 -0.64 -1.38	18.28 -0.53 -1.21	17.13 -0.51 -0.64	8.96 -0.19 -0.99
SITHE_IND_GS2 24170	6.09 -0.11 -1.10	5.95 -0.12 -0.98	5.68 -0.12 -0.93	5.58 -0.12 -0.97	5.91 -0.13 -0.95	8.47 -0.16 -0.88	8.53 -0.18 -1.51	14.98 -0.45 -1.00	17.38 -0.56 -0.54	16.68 -0.56 -0.31	16.54 -0.55 -0.29	16.32 -0.53 -0.32	15.86 -0.51 -0.51	15.69 -0.48 -0.81	15.83 -0.48 -0.94	14.89 -0.45 -1.30	15.28 -0.45 -1.57	17.06 -0.49 -2.61	20.16 -0.57 -2.25	21.21 -0.62 -1.81	21.52 -0.64 -1.38	18.28 -0.53 -1.21	17.13 -0.51 -0.64	8.96 -0.19 -0.99
SITHE_IND_GS3 24171	6.09 -0.11 -1.10	5.95 -0.12 -0.98	5.68 -0.12 -0.93	5.58 -0.12 -0.97	5.91 -0.13 -0.95	8.47 -0.16 -0.88	8.53 -0.18 -1.51	14.98 -0.45 -1.00	17.38 -0.56 -0.54	16.68 -0.56 -0.31	16.54 -0.55 -0.29	16.32 -0.53 -0.32	15.86 -0.51 -0.51	15.69 -0.48 -0.81	15.83 -0.48 -0.94	14.89 -0.45 -1.30	15.28 -0.45 -1.57	17.06 -0.49 -2.61	20.16 -0.57 -2.25	21.21 -0.62 -1.81	21.52 -0.64 -1.38	18.28 -0.53 -1.21	17.13 -0.51 -0.64	8.96 -0.19 -0.99
SITHE_IND_GS4 24172	6.09 -0.11 -1.10	5.95 -0.12 -0.98	5.68 -0.12 -0.93	5.58 -0.12 -0.97	5.91 -0.13 -0.95	8.47 -0.16 -0.88	8.53 -0.18 -1.51	14.98 -0.45 -1.00	17.38 -0.56 -0.54	16.68 -0.56 -0.31	16.54 -0.55 -0.29	16.32 -0.53 -0.32	15.86 -0.51 -0.51	15.69 -0.48 -0.81	15.83 -0.48 -0.94	14.89 -0.45 -1.30	15.28 -0.45 -1.57	17.06 -0.49 -2.61	20.16 -0.57 -2.25	21.21 -0.62 -1.81	21.52 -0.64 -1.38	18.28 -0.53 -1.21	17.13 -0.51 -0.64	8.96 -0.19 -0.99
SITHE___BATAVIA 24024	7.29 0.22 -1.96	7.03 0.19 -1.74	6.71 0.18 -1.65	6.64 0.18 -1.73	6.96 0.17 -1.70	9.68 0.36 -1.57	10.07 0.17 -2.69	16.15 -0.07 -1.79	18.13 -0.23 -0.96	17.16 -0.32 -0.55	17.04 -0.29 -0.52	16.81 -0.28 -0.56	16.49 -0.27 -0.91	16.56 -0.25 -1.46	16.80 -0.25 -1.68	16.10 -0.27 -2.32	16.70 -0.27 -2.81	19.23 -0.37 -4.66	22.02 -0.48 -4.02	22.78 -0.46 -3.22	22.79 -0.46 -2.46	19.48 -0.28 -2.16	17.92 -0.22 -1.13	10.11 0.20 -1.76
SITHE___INDEPEND 23800	6.07 -0.11 -1.08	5.93 -0.12 -0.96	5.66 -0.12 -0.91	5.56 -0.12 -0.95	5.90 -0.13 -0.93	8.46 -0.16 -0.86	8.53 -0.16 -1.48	14.97 -0.45 -0.98	17.37 -0.56 -0.53	16.67 -0.56 -0.30	16.53 -0.55 -0.29	16.31 -0.53 -0.31	15.85 -0.51 -0.50	15.69 -0.48 -0.81	15.83 -0.48 -0.93	14.89 -0.45 -1.29	15.27 -0.45 -1.56	17.05 -0.49 -2.60	20.15 -0.57 -2.24	21.22 -0.62 -1.82	21.52 -0.64 -1.38	18.28 -0.53 -1.21	17.12 -0.51 -0.63	8.95 -0.19 -0.98
SITHE___MASSENA 23902	4.92 -0.18 0.00	4.92 -0.17 0.00	4.70 -0.17 0.00	4.58 -0.16 0.00	4.93 -0.16 0.00	7.46 -0.29 0.00	6.95 -0.25 0.00	14.33 -0.10 0.00	17.19 -0.21 0.00	16.74 -0.19 0.00	16.63 -0.17 0.00	16.35 -0.18 0.00	15.68 -0.17 0.00	15.17 -0.18 0.00	15.19 -0.18 0.00	13.88 -0.17 0.00	14.02 -0.14 0.00	14.86 -0.09 0.00	18.25 -0.24 0.00	19.72 -0.30 0.00	20.43 -0.35 0.00	17.25 -0.35 0.00	16.80 -0.20 0.00	7.87 -0.29 0.00
SITHE___OGDNSBRG 24021	5.03 -0.22 -0.15	5.01 -0.21 -0.13	4.79 -0.20 -0.12	4.67 -0.19 -0.13	5.02 -0.19 -0.13	7.54 -0.33 -0.12	7.13 -0.27 -0.20	14.48 -0.09 -0.13	17.22 -0.24 -0.07	16.73 -0.24 -0.04	16.60 -0.24 -0.04	16.32 -0.25 -0.04	15.69 -0.24 -0.07	15.20 -0.26 -0.11	15.22 -0.28 -0.13	13.98 -0.24 -0.17	14.17 -0.20 -0.21	15.19 -0.10 -0.35	18.55 -0.24 -0.30	19.97 -0.30 -0.24	20.66 -0.31 -0.19	17.43 -0.33 -0.16	16.90 -0.19 -0.09	7.97 -0.32 -0.13
SITHE___STERLING 23777	6.00 0.13 -0.76	5.89 0.12 -0.67	5.62 0.11 -0.64	5.50 0.10 -0.67	5.87 0.12 -0.65	8.59 0.23 -0.61	8.44 0.19 -1.04	15.47 0.35 -0.69	18.15 0.38 -0.37	17.46 0.32 -0.21	17.30 0.30 -0.20	17.04 0.30 -0.21	16.47 0.27 -0.34	16.15 0.24 -0.55	16.24 0.23 -0.64	15.17 0.24 -0.88	15.50 0.27 -1.07	17.05 0.33 -1.77	20.52 0.50 -1.53	21.82 0.54 -1.26	22.43 0.68 -0.96	19.02 0.58 -0.84	17.96 0.51 -0.44	9.09 0.24 -0.69
SLEIGHT__34_KV_TB1 80719	6.94 0.15 -1.69	6.73 0.13 -1.50	6.41 0.12 -1.42	6.33 0.11 -1.49	6.67 0.12 -1.46	9.38 0.27 -1.35	9.78 0.26 -2.32	16.30 0.33 -1.54	18.57 0.35 -0.83	17.73 0.32 -0.47	17.57 0.32 -0.45	17.38 0.36 -0.49	16.96 0.32 -0.79	16.97 0.34 -1.28	17.17 0.34 -1.47	16.37 0.29 -2.03	16.88 0.27 -2.45	19.28 0.25 -4.08	22.39 0.39 -3.51	23.36 0.48 -2.85	23.41 0.46 -2.17	19.92 0.42 -1.90	18.33 0.34 -0.99	9.95 0.25 -1.53
SOUTH CAIRO___GT 23612	22.08 0.20 -16.77	20.21 0.20 -14.91	19.18 0.18 -14.14	19.70 0.17 -14.79	19.80 0.20 -14.51	21.50 0.31 -13.44	30.55 0.30 -23.04	30.31 0.58 -15.30	26.29 0.66 -8.24	22.15 0.58 -4.64	21.83 0.57 -4.46	21.88 0.56 -4.79	23.96 0.51 -7.60	27.99 0.54 -12.10	29.99 0.63 -14.00	34.03 0.60 -19.39	38.28 0.57 -23.55	54.32 0.45 -38.92	52.84 0.76 -33.60	48.40 1.02 -27.36	43.02 1.08 -21.15	36.98 0.84 -18.54	27.61 0.78 -9.83	23.76 0.33 -15.27
SOUTH HAMPTN___IC 23720	26.46 0.50 -20.86	21.60 0.51 -15.99	20.18 0.49 -14.82	20.05 0.48 -14.83	19.21 0.51 -13.61	21.79 0.79 -13.24	30.19 0.81 -22.17	32.45 1.60 -16.42	31.27 1.90 -11.98	29.62 1.90 -10.80	28.98 1.81 -10.37	28.92 1.67 -10.73	30.38 1.66 -12.86	31.72 1.61 -14.76	30.94 1.61 -13.96	33.60 1.29 -18.27	42.42 1.46 -26.80	53.59 1.63 -37.02	52.01 1.77 -31.74	47.85 2.02 -25.81	47.38 2.22 -24.37	36.14 1.73 -16.82	29.67 1.80 -10.86	28.42 0.86 -19.39
SOUTHDOW__115KV_TB1 355954	7.98 0.33 -2.54	7.65 0.29 -2.26	7.32 0.30 -2.14	7.25 0.27 -2.24	7.58 0.29 -2.20	10.35 0.56 -2.04	11.19 0.49 -3.50	17.26 0.51 -2.32	19.12 0.47 -1.25	18.12 0.47 -0.72	17.87 0.39 -0.68	17.68 0.41 -0.73	17.38 0.33 -1.19	17.60 0.32 -1.93	17.92 0.34 -2.21	17.34 0.24 -3.06	18.08 0.23 -3.69	21.25 0.15 -6.16	23.97 0.18 -5.30	24.51 0.18 -4.30	24.36 0.31 -3.27	20.64 0.18 -2.87	18.71 0.22 -1.49	10.82 0.35 -2.31
SOUTHOLD_69_KV_BK 2 55809	25.88 0.57 -20.20	21.36 0.59 -15.68	19.99 0.56 -14.56	19.92 0.55 -14.63	19.19 0.59 -13.51	21.74 0.90 -13.08	30.04 0.87 -21.96	32.69 1.83 -16.43	31.56 2.17 -11.99	29.93 2.20 -10.80	29.27 2.10 -10.37	29.18 1.92 -10.73	30.65 1.92 -12.87	31.97 1.84 -14.78	31.19 1.84 -13.98	33.87 1.53 -18.30	42.74 1.73 -26.84	53.98 1.94 -37.10	52.42 2.13 -31.81	48.27 2.42 -25.82	47.81 2.66 -24.37	36.48 2.06 -16.82	29.96 2.09 -10.86	28.55 1.00 -19.39
SOUTHOLD___IC 23719	26.54 0.57 -20.86	21.67 0.59 -15.99	20.25 0.56 -14.82	20.12 0.55 -14.83	19.29 0.59 -13.61	21.89 0.90 -13.24	30.31 0.93 -22.17	32.68 1.83 -16.42	31.55 2.17 -11.98	29.93 2.20 -10.80	29.26 2.10 -10.37	29.17 1.92 -10.73	30.64 1.92 -12.86	31.95 1.84 -14.76	31.17 1.84 -13.96	33.84 1.53 -18.27	42.69 1.73 -26.80	53.90 1.94 -37.02	52.36 2.13 -31.74	48.25 2.42 -25.81	47.81 2.66 -24.37	36.48 2.06 -16.82	29.96 2.09 -10.86	28.55 1.00 -19.39

SPIERFLS_115KV_TB 1 80737	24.18 0.20 -18.87	22.06 0.18 -16.78	20.94 0.16 -15.91	21.54 0.16 -16.65	21.60 0.18 -16.33	23.18 0.30 -15.12	33.44 0.30 -25.93	32.32 0.66 -17.23	27.47 0.80 -9.27	22.88 0.74 -5.21	22.51 0.71 -5.01	22.62 0.71 -5.38	25.14 0.78 -8.50	29.62 0.78 -13.48	31.33 0.34 -15.62	36.04 0.35 -21.65	40.80 0.40 -26.24	58.66 0.46 -43.26	56.47 0.61 -37.38	51.08 0.68 -30.38	45.19 0.77 -23.64	38.91 0.60 -20.71	29.00 0.95 -11.05	25.70 0.38 -17.16
ST LAWRENCE____ 23600	4.93 -0.17 0.00	4.93 -0.16 0.00	4.71 -0.16 0.00	4.58 -0.15 0.00	4.94 -0.15 0.00	7.48 -0.28 0.00	6.96 -0.25 0.00	14.13 -0.30 0.00	17.00 -0.40 0.00	16.54 -0.39 0.00	16.41 -0.39 0.00	16.15 -0.38 0.00	15.49 -0.36 0.00	15.00 -0.35 0.00	15.00 -0.37 0.00	13.72 -0.32 0.00	13.85 -0.31 0.00	14.65 -0.30 0.00	18.06 -0.42 0.00	19.54 -0.48 0.00	20.24 -0.54 0.00	17.11 -0.49 0.00	16.56 -0.44 0.00	7.87 -0.29 0.00
STATE_CA_115KV_115_LB 55624	23.27 0.10 -18.06	21.25 0.10 -16.06	20.19 0.09 -15.23	20.76 0.09 -15.93	20.82 0.10 -15.63	22.39 0.16 -14.47	32.14 0.12 -24.82	31.16 0.25 -16.48	26.60 0.33 -8.87	22.23 0.34 -4.96	21.95 0.37 -4.78	22.07 0.40 -5.14	24.27 0.33 -8.08	28.44 0.34 -12.75	30.53 0.35 -14.81	34.90 0.34 -20.52	39.42 0.37 -24.89	56.25 0.37 -40.93	54.37 0.48 -35.40	49.32 0.52 -28.78	43.83 0.54 -22.51	37.73 0.42 -19.71	27.98 0.41 -10.57	24.75 0.17 -16.42
STATE_ST_34_KV_LOAD 55959	6.95 0.06 -1.78	6.73 0.05 -1.59	6.41 0.04 -1.50	6.34 0.03 -1.57	6.67 0.04 -1.54	9.31 0.12 -1.43	9.77 0.12 -2.45	16.26 0.20 -1.63	18.50 0.23 -0.88	17.62 0.19 -0.50	17.45 0.17 -0.48	17.13 0.08 -0.51	16.85 0.16 -0.83	16.90 0.20 -1.35	17.13 0.22 -1.55	16.37 0.18 -2.14	16.92 0.17 -2.59	19.40 0.15 -4.31	22.46 0.26 -3.71	23.36 0.32 -3.01	23.43 0.35 -2.29	19.92 0.32 -2.01	18.30 0.26 -1.04	9.98 0.20 -1.62
STATION 5_MISC_HYD 23604	6.98 0.11 -1.76	6.75 0.09 -1.57	6.44 0.08 -1.49	6.37 0.08 -1.56	6.69 0.07 -1.53	9.35 0.18 -1.41	9.70 0.07 -2.42	15.91 -0.13 -1.61	18.00 -0.26 -0.87	17.13 -0.29 -0.49	17.04 -0.24 -0.47	16.77 -0.27 -0.51	16.45 -0.22 -0.81	16.45 -0.21 -1.31	16.66 -0.22 -1.51	15.92 -0.21 -2.09	16.46 -0.23 -2.52	18.84 -0.30 -4.19	21.71 -0.39 -3.61	22.54 -0.38 -2.90	22.60 -0.40 -2.22	19.28 -0.26 -1.94	17.79 -0.24 -1.02	9.84 0.10 -1.58
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	6.89 0.11 -1.67	6.67 0.09 -1.49	6.36 0.08 -1.41	6.28 0.08 -1.47	6.61 0.07 -1.45	9.28 0.19 -1.34	9.64 0.14 -2.30	15.96 0.00 -1.53	18.13 -0.09 -0.82	17.28 -0.12 -0.47	17.16 -0.08 -0.45	16.93 -0.08 -0.48	16.54 -0.10 -0.78	16.54 -0.08 -1.26	16.74 -0.08 -1.45	15.98 -0.07 -2.01	16.49 -0.10 -2.43	18.84 -0.15 -4.04	21.82 -0.15 -3.48	22.73 -0.12 -2.83	22.78 -0.15 -2.15	19.41 -0.07 -1.88	17.90 -0.09 -0.98	9.80 0.12 -1.52
STA_56_34_KV_BUS2_REV_LBMP_B 345033	6.87 0.08 -1.68	6.65 0.05 -1.50	6.34 0.05 -1.42	6.26 0.05 -1.49	6.58 0.04 -1.46	9.23 0.12 -1.35	9.58 0.06 -2.31	15.77 -0.20 -1.54	17.89 -0.33 -0.83	17.05 -0.36 -0.47	16.95 -0.30 -0.45	16.70 -0.31 -0.49	16.36 -0.29 -0.79	16.37 -0.26 -1.27	16.55 -0.28 -1.46	15.80 -0.27 -2.02	16.32 -0.28 -2.44	18.66 -0.36 -4.07	21.53 -0.46 -3.51	22.41 -0.46 -2.85	22.47 -0.48 -2.16	19.16 -0.33 -1.90	17.68 -0.31 -0.99	9.74 0.05 -1.53
STA_56____34_KV_BUS2 355983	6.87 0.08 -1.68	6.65 0.05 -1.50	6.34 0.05 -1.42	6.26 0.05 -1.49	6.58 0.04 -1.46	9.23 0.12 -1.35	9.58 0.06 -2.31	15.77 -0.20 -1.54	17.89 -0.33 -0.83	17.05 -0.36 -0.47	16.95 -0.30 -0.45	16.70 -0.31 -0.49	16.36 -0.29 -0.79	16.37 -0.26 -1.27	16.55 -0.28 -1.46	15.80 -0.27 -2.02	16.32 -0.28 -2.44	18.66 -0.36 -4.07	21.53 -0.46 -3.51	22.41 -0.46 -2.85	22.47 -0.48 -2.16	19.16 -0.33 -1.90	17.68 -0.31 -0.99	9.74 0.05 -1.53
STA_67____115KV_BK2 355882	6.90 0.10 -1.69	6.68 0.08 -1.50	6.37 0.07 -1.43	6.30 0.07 -1.49	6.62 0.06 -1.46	9.28 0.17 -1.36	9.62 0.09 -2.33	15.80 -0.17 -1.54	17.93 -0.30 -0.83	17.08 -0.32 -0.48	16.97 -0.29 -0.45	16.72 -0.30 -0.49	16.39 -0.25 -0.79	16.39 -0.25 -1.28	16.59 -0.25 -1.47	15.84 -0.24 -2.03	16.36 -0.25 -2.46	18.69 -0.34 -4.09	21.57 -0.44 -3.52	22.44 -0.44 -2.86	22.50 -0.46 -2.17	19.21 -0.30 -1.91	17.72 -0.27 -0.99	9.78 0.08 -1.54
STA_7____115KV_9TRANS 80674	6.93 0.13 -1.69	6.71 0.11 -1.51	6.39 0.10 -1.43	6.33 0.10 -1.50	6.64 0.09 -1.47	9.32 0.21 -1.36	9.66 0.13 -2.33	15.91 -0.07 -1.55	18.06 -0.17 -0.83	17.20 -0.20 -0.48	17.10 -0.15 -0.45	16.84 -0.18 -0.49	16.51 -0.14 -0.79	16.51 -0.12 -1.28	16.70 -0.14 -1.47	15.94 -0.14 -2.04	16.47 -0.16 -2.46	18.82 -0.22 -4.10	21.72 -0.30 -3.53	22.61 -0.28 -2.87	22.67 -0.29 -2.17	19.33 -0.18 -1.91	17.84 -0.15 -0.99	9.84 0.14 -1.54
STA_82____115KV_TB1 80780	6.91 0.10 -1.70	6.69 0.08 -1.51	6.38 0.07 -1.43	6.31 0.08 -1.50	6.63 0.07 -1.47	9.29 0.17 -1.36	9.63 0.09 -2.34	15.82 -0.16 -1.55	17.95 -0.28 -0.84	17.09 -0.32 -0.48	16.99 -0.27 -0.46	16.72 -0.30 -0.49	16.40 -0.25 -0.79	16.41 -0.23 -1.29	16.60 -0.25 -1.48	15.85 -0.24 -2.04	16.38 -0.25 -2.47	18.73 -0.33 -4.11	21.60 -0.43 -3.54	22.48 -0.42 -2.88	22.53 -0.44 -2.18	19.21 -0.30 -1.92	17.73 -0.27 -1.00	9.79 0.08 -1.55
STEEL____WIND 323596	7.54 0.14 -2.30	7.25 0.11 -2.04	6.93 0.12 -1.94	6.87 0.11 -2.03	7.18 0.10 -1.99	9.83 0.23 -1.84	10.43 0.07 -3.16	16.18 -0.35 -2.10	17.99 -0.54 -1.13	17.03 -0.54 -0.64	16.86 -0.55 -0.61	16.69 -0.50 -0.66	16.44 -0.48 -1.06	16.60 -0.46 -1.70	16.89 -0.45 -1.96	16.31 -0.45 -2.72	16.98 -0.47 -3.29	19.80 -0.60 -5.46	22.41 -0.78 -4.70	22.94 -0.84 -3.76	22.87 -0.79 -2.88	19.51 -0.62 -2.52	17.78 -0.54 -1.32	10.26 0.04 -2.06
STEPHTWN_115KV_BK_2 55603	23.09 0.15 -17.83	21.10 0.15 -15.86	20.03 0.13 -15.03	20.59 0.13 -15.73	20.67 0.15 -15.43	22.28 0.24 -14.29	31.89 0.19 -24.50	31.07 0.36 -16.27	26.63 0.47 -8.76	22.30 0.47 -4.90	22.02 0.50 -4.72	22.15 0.55 -5.07	24.30 0.48 -7.97	28.40 0.48 -12.57	30.45 0.48 -14.60	34.76 0.48 -20.24	39.21 0.50 -24.55	55.83 0.52 -40.36	54.06 0.67 -34.91	49.12 0.72 -28.38	43.74 0.75 -22.21	37.65 0.60 -19.45	28.00 0.56 -10.44	24.60 0.23 -16.22
STEBEN_REC_LFGE 323667	8.25 0.26 -2.89	7.89 0.23 -2.57	7.53 0.23 -2.43	7.49 0.21 -2.55	7.80 0.21 -2.50	10.50 0.43 -2.31	11.57 0.40 -3.96	17.43 0.36 -2.63	19.13 0.31 -1.42	18.01 0.27 -0.81	17.78 0.20 -0.77	17.61 0.25 -0.83	17.41 0.21 -1.35	17.77 0.23 -2.19	18.11 0.23 -2.51	17.72 0.21 -3.47	18.51 0.16 -4.19	22.07 0.13 -6.99	24.78 0.28 -6.01	25.25 0.34 -4.88	24.86 0.37 -3.71	21.18 0.33 -3.25	19.00 0.31 -1.69	11.13 0.34 -2.62
STONY____BROOK 24151	26.43 0.47 -20.85	21.56 0.47 -15.99	20.14 0.46 -14.82	20.01 0.44 -14.83	19.17 0.47 -13.61	21.73 0.74 -13.24	30.16 0.79 -22.17	32.35 1.50 -16.42	31.26 1.88 -11.98	29.59 1.86 -10.80	28.95 1.78 -10.37	28.89 1.64 -10.73	30.37 1.65 -12.86	31.68 1.57 -14.76	30.88 1.55 -13.96	33.55 1.24 -18.27	42.32 1.36 -26.80	53.47 1.51 -37.02	51.88 1.64 -31.74	47.69 1.86 -25.81	47.19 2.04 -24.37	36.00 1.58 -16.82	29.57 1.70 -10.86	28.38 0.83 -19.39

STURGEON_POOL_HYD 23609	19.44 0.31 -14.02	17.88 0.32 -12.47	16.99 0.30 -11.82	17.40 0.29 -12.37	17.53 0.31 -12.13	19.47 0.47 -11.24	26.93 0.45 -19.27	28.04 0.81 -12.80	25.40 1.11 -6.89	22.01 1.10 -3.98	21.69 1.11 -3.79	21.77 1.17 -4.07	23.58 1.05 -6.68	27.51 1.21 -10.94	29.13 1.26 -12.50	32.39 1.07 -17.28	35.99 0.99 -20.84	50.89 1.02 -34.93	49.74 1.26 -30.00	45.79 1.40 -24.36	40.46 1.43 -18.25	34.80 1.18 -16.02	26.33 1.12 -8.21	21.47 0.56 -12.75
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.45 0.29 -13.06	17.00 0.30 -11.61	16.16 0.28 -11.01	16.53 0.27 -11.52	16.68 0.29 -11.30	18.68 0.46 -10.46	25.57 0.43 -17.94	27.16 0.81 -11.92	24.87 1.06 -6.41	21.72 1.05 -3.74	21.40 1.06 -3.54	21.41 1.07 -3.80	23.16 1.00 -6.30	26.71 0.95 -10.40	28.20 0.98 -11.85	31.31 0.90 -16.37	34.74 0.86 -19.72	49.03 0.91 -33.18	48.03 1.09 -28.45	44.33 1.20 -23.10	39.18 1.25 -17.15	33.70 1.04 -15.07	25.63 0.99 -7.64	20.52 0.49 -11.87
SWANROAD_115KV_TB1 355699	7.29 0.05 -2.13	7.02 0.03 -1.89	6.71 0.04 -1.80	6.64 0.03 -1.88	6.95 0.02 -1.84	9.56 0.10 -1.71	10.08 -0.05 -2.93	15.58 -0.79 -1.94	17.36 -1.08 -1.05	16.46 -1.07 -0.60	16.30 -1.08 -0.57	16.10 -1.04 -0.61	15.87 -0.98 -0.99	16.03 -0.94 -1.61	16.30 -0.92 -1.85	15.72 -0.88 -2.56	16.33 -0.92 -3.09	19.00 -1.09 -5.15	21.52 -1.41 -4.43	22.10 -1.52 -3.60	22.00 -1.52 -2.73	18.83 -1.16 -2.40	17.21 -1.04 -1.25	9.96 -0.14 -1.94
SYNERGY___BIOGAS 323694	7.29 0.22 -1.96	7.03 0.19 -1.74	6.71 0.18 -1.65	6.64 0.18 -1.73	6.96 0.17 -1.70	9.68 0.36 -1.57	10.07 0.17 -2.69	16.15 -0.07 -1.79	18.13 -0.23 -0.96	17.16 -0.32 -0.55	17.04 -0.29 -0.52	16.81 -0.28 -0.56	16.49 -0.27 -0.91	16.56 -0.25 -1.46	16.80 -0.25 -1.68	16.10 -0.27 -2.32	16.70 -0.27 -2.81	19.23 -0.37 -4.66	22.02 -0.48 -4.02	22.78 -0.46 -3.22	22.79 -0.46 -2.46	19.48 -0.28 -2.16	17.92 -0.22 -1.13	10.11 0.20 -1.76
SYRACUSE___ENERGY_ST1 323597	6.66 0.02 -1.53	6.47 0.01 -1.36	6.16 0.00 -1.29	6.07 -0.01 -1.35	6.41 -0.01 -1.33	9.01 0.03 -1.23	9.33 0.01 -2.11	15.76 -0.07 -1.40	18.03 -0.12 -0.75	17.24 -0.12 -0.43	17.10 -0.12 -0.41	16.89 -0.08 -0.45	16.48 -0.09 -0.72	16.43 -0.08 -1.15	16.62 -0.08 -1.32	15.81 -0.07 -1.83	16.30 -0.08 -2.22	18.52 -0.10 -3.68	21.59 -0.07 -3.17	22.50 -0.06 -2.54	22.66 -0.06 -1.94	19.27 -0.04 -1.70	17.85 -0.05 -0.89	9.59 0.04 -1.39
SYRACUSE___ENERGY_ST2 323598	6.66 0.02 -1.53	6.47 0.01 -1.36	6.16 0.00 -1.29	6.07 -0.01 -1.35	6.41 -0.01 -1.33	9.01 0.03 -1.23	9.33 0.01 -2.11	15.76 -0.07 -1.40	18.03 -0.12 -0.75	17.24 -0.12 -0.43	17.10 -0.12 -0.41	16.89 -0.08 -0.45	16.48 -0.09 -0.72	16.43 -0.08 -1.15	16.62 -0.08 -1.32	15.81 -0.07 -1.83	16.30 -0.08 -2.22	18.52 -0.10 -3.68	21.59 -0.07 -3.17	22.50 -0.06 -2.54	22.66 -0.06 -1.94	19.27 -0.04 -1.70	17.85 -0.05 -0.89	9.59 0.04 -1.39
SYRACUSE___POWER 24017	6.70 0.01 -1.58	6.50 -0.01 -1.41	6.20 0.00 -1.33	6.12 -0.01 -1.40	6.45 -0.02 -1.37	9.05 0.02 -1.27	9.41 0.03 -2.17	15.79 -0.09 -1.44	18.05 -0.12 -0.78	17.24 -0.14 -0.44	17.09 -0.13 -0.42	16.89 -0.10 -0.46	16.49 -0.11 -0.74	16.46 -0.09 -1.20	16.67 -0.08 -1.37	15.88 -0.07 -1.90	16.36 -0.10 -2.30	18.65 -0.12 -3.83	21.69 -0.09 -3.30	22.62 -0.08 -2.68	22.73 -0.08 -2.03	19.33 -0.05 -1.78	17.85 -0.09 -0.93	9.62 0.02 -1.44
TALLMAN__138KV_BK151 55660	18.74 0.32 -13.31	17.25 0.32 -11.83	16.39 0.30 -11.22	16.77 0.29 -11.74	16.92 0.31 -11.51	18.92 0.50 -10.66	25.96 0.47 -18.29	27.47 0.89 -12.15	25.13 1.20 -6.54	21.93 1.19 -3.81	21.60 1.19 -3.61	21.60 1.19 -3.88	23.42 1.13 -6.43	27.05 1.07 -10.62	28.58 1.12 -12.09	31.76 1.01 -16.71	35.25 0.96 -20.12	49.84 1.03 -33.87	48.75 1.22 -29.04	44.92 1.32 -23.58	39.67 1.39 -17.49	34.11 1.14 -15.37	25.88 1.09 -7.79	20.80 0.54 -12.10
TEALLAVE_115KV_TB7 355573	6.46 -0.01 -1.36	6.29 -0.02 -1.21	5.99 -0.02 -1.14	5.90 -0.02 -1.20	6.24 -0.03 -1.17	8.84 0.00 -1.09	9.09 0.02 -1.86	15.57 -0.10 -1.24	17.92 -0.14 -0.67	17.18 -0.14 -0.38	17.03 -0.13 -0.36	16.82 -0.10 -0.39	16.38 -0.11 -0.63	16.29 -0.09 -1.03	16.45 -0.09 -1.18	15.60 -0.07 -1.63	15.99 -0.14 -1.97	18.06 -0.16 -3.28	21.16 -0.15 -2.82	22.15 -0.16 -2.29	22.36 -0.17 -1.74	19.00 -0.12 -1.53	17.66 -0.14 -0.79	9.39 0.00 -1.23
TELGRAPH_34_KV_EAST 80808	7.29 0.15 -2.03	7.02 0.12 -1.81	6.71 0.12 -1.72	6.64 0.12 -1.79	6.95 0.10 -1.76	9.63 0.25 -1.63	10.11 0.11 -2.80	15.90 -0.39 -1.86	17.80 -0.59 -1.00	16.88 -0.63 -0.57	16.72 -0.62 -0.55	16.52 -0.60 -0.59	16.25 -0.56 -0.95	16.35 -0.54 -1.54	16.60 -0.54 -1.77	15.97 -0.52 -2.44	16.58 -0.54 -2.95	19.19 -0.67 -4.92	21.83 -0.89 -4.23	22.54 -0.92 -3.44	22.48 -0.91 -2.61	19.22 -0.67 -2.29	17.60 -0.60 -1.19	10.05 0.04 -1.85
TEMPLE___115KV_TB 2 55572	6.50 0.00 -1.39	6.32 -0.01 -1.23	6.02 -0.01 -1.17	5.94 -0.02 -1.22	6.27 -0.02 -1.20	8.88 0.01 -1.11	9.14 0.02 -1.91	15.60 -0.10 -1.27	17.92 -0.16 -0.68	17.17 -0.15 -0.39	17.04 -0.13 -0.37	16.81 -0.12 -0.40	16.40 -0.11 -0.65	16.31 -0.09 -1.05	16.48 -0.09 -1.21	15.63 -0.08 -1.67	16.05 -0.13 -2.01	18.15 -0.15 -3.36	21.25 -0.13 -2.89	22.25 -0.12 -2.35	22.42 -0.15 -1.78	19.06 -0.11 -1.56	17.70 -0.12 -0.81	9.43 0.01 -1.26
TIANA____69_KV_BK 1 55817	25.78 0.47 -20.20	21.27 0.49 -15.68	19.90 0.48 -14.56	19.83 0.47 -14.63	19.10 0.49 -13.51	21.60 0.76 -13.08	29.91 0.74 -21.96	32.41 1.54 -16.43	31.21 1.83 -11.99	29.58 1.85 -10.80	28.93 1.76 -10.37	28.88 1.62 -10.73	30.33 1.60 -12.87	31.67 1.54 -14.78	30.89 1.54 -13.98	33.58 1.24 -18.30	42.40 1.39 -26.84	53.61 1.57 -37.10	51.98 1.68 -31.81	47.79 1.94 -25.82	47.27 2.12 -24.37	36.06 1.64 -16.82	29.60 1.73 -10.86	28.38 0.83 -19.39
TILDEN___115KV_TB1 80814	6.70 0.01 -1.58	6.50 -0.01 -1.41	6.20 0.00 -1.33	6.12 -0.01 -1.40	6.45 -0.02 -1.37	9.05 0.02 -1.27	9.41 0.03 -2.17	15.79 -0.09 -1.44	18.05 -0.12 -0.78	17.24 -0.14 -0.44	17.09 -0.13 -0.42	16.89 -0.10 -0.46	16.49 -0.11 -0.74	16.46 -0.09 -1.20	16.67 -0.08 -1.37	15.88 -0.07 -1.90	16.36 -0.10 -2.30	18.65 -0.12 -3.83	21.69 -0.09 -3.30	22.62 -0.08 -2.68	22.73 -0.08 -2.03	19.33 -0.05 -1.78	17.85 -0.09 -0.93	9.62 0.02 -1.44
TRIGEN___CC 323695	25.23 0.40 -19.72	20.94 0.40 -15.44	19.62 0.38 -14.36	19.58 0.37 -14.48	18.92 0.40 -13.43	21.35 0.63 -12.96	29.57 0.58 -21.79	32.03 1.17 -16.43	30.95 1.57 -11.99	29.29 1.56 -10.80	28.70 1.53 -10.37	28.70 1.44 -10.73	30.14 1.41 -12.87	31.50 1.37 -14.78	30.70 1.35 -13.98	33.44 1.10 -18.30	42.16 1.16 -26.84	53.31 1.27 -37.10	51.70 1.41 -31.81	47.41 1.56 -25.82	46.82 1.66 -24.37	35.77 1.36 -16.82	29.26 1.39 -10.86	28.24 0.69 -19.39
TRINITY__115KV__ 4 BK 55933	23.06 0.09 -17.86	21.07 0.09 -15.88	20.01 0.08 -15.06	20.57 0.08 -15.76	20.64 0.09 -15.46	22.22 0.15 -14.31	31.86 0.11 -24.54	30.94 0.20 -16.30	26.45 0.28 -8.78	22.12 0.29 -4.91	21.85 0.32 -4.73	21.94 0.33 -5.08	24.12 0.29 -7.98	28.21 0.28 -12.58	30.28 0.29 -14.62	34.58 0.28 -20.26	39.05 0.31 -24.58	55.66 0.31 -40.40	53.84 0.41 -34.94	48.85 0.42 -28.41	43.48 0.46 -22.24	37.44 0.37 -19.48	27.80 0.34 -10.46	24.55 0.15 -16.24

UNION___PROCESSING_DRP 323587	6.92 0.11 -1.70	6.69 0.08 -1.51	6.38 0.08 -1.44	6.31 0.08 -1.50	6.63 0.07 -1.47	9.29 0.17 -1.36	9.64 0.09 -2.34	15.83 -0.16 -1.55	17.95 -0.28 -0.84	17.10 -0.30 -0.48	16.99 -0.27 -0.46	16.74 -0.28 -0.49	16.42 -0.24 -0.80	16.41 -0.23 -1.29	16.62 -0.23 -1.48	15.87 -0.22 -2.05	16.39 -0.24 -2.47	18.74 -0.33 -4.12	21.61 -0.43 -3.55	22.48 -0.42 -2.88	22.53 -0.44 -2.19	19.24 -0.28 -1.92	17.75 -0.26 -1.00	9.80 0.09 -1.55
UPPER HUDSON___HYD 24058	24.10 0.20 -18.79	21.99 0.18 -16.71	20.87 0.16 -15.84	21.47 0.16 -16.58	21.53 0.18 -16.26	23.12 0.30 -15.06	33.37 0.34 -25.82	32.25 0.66 -17.15	27.43 0.80 -9.23	22.83 0.74 -5.15	22.50 0.71 -4.99	22.60 0.71 -5.36	25.04 0.78 -8.40	29.37 0.78 -13.23	31.09 0.34 -15.38	35.71 0.35 -21.32	40.45 0.40 -25.89	57.93 0.46 -42.52	55.89 0.61 -36.79	50.52 0.68 -29.82	44.94 0.77 -23.39	38.68 0.60 -20.48	28.97 0.95 -11.01	25.65 0.38 -17.11
UPPER RAQUET___HYD 24056	4.74 -0.37 0.00	4.74 -0.36 0.00	4.52 -0.35 0.00	4.40 -0.33 0.00	4.75 -0.34 0.00	7.20 -0.56 0.00	6.72 -0.48 0.00	13.96 -0.48 0.00	16.70 -0.70 0.00	16.27 -0.66 0.00	16.14 -0.66 0.00	15.85 -0.68 0.00	15.21 -0.65 0.00	14.71 -0.64 0.00	14.71 -0.66 0.00	13.44 -0.60 0.00	13.60 -0.57 0.00	14.45 -0.49 0.00	17.77 -0.72 0.00	19.20 -0.82 0.00	19.91 -0.87 0.00	16.79 -0.81 0.00	16.34 -0.66 0.00	7.60 -0.56 0.00
VALLEY44_115KV_TB2 355964	7.83 0.09 -2.64	7.51 0.06 -2.35	7.17 0.07 -2.23	7.12 0.06 -2.33	7.42 0.05 -2.28	10.03 0.16 -2.12	10.93 0.09 -3.63	16.58 -0.26 -2.41	18.28 -0.42 -1.30	17.23 -0.44 -0.74	17.04 -0.47 -0.71	16.86 -0.43 -0.76	16.68 -0.41 -1.23	16.97 -0.38 -2.00	17.29 -0.37 -3.17	16.84 -0.38 -3.83	17.57 -0.42 -6.39	20.78 -0.55 -5.50	23.25 -0.74 -5.50	23.71 -0.78 -4.47	23.47 -0.71 -3.39	19.99 -0.58 -2.97	18.02 -0.53 -1.55	10.55 -0.01 -2.40
VALLEY___115KV_TB 1-4 80826	5.13 -0.05 -0.06	5.10 -0.05 -0.06	4.87 -0.05 -0.05	4.74 -0.05 -0.06	5.10 -0.05 -0.06	7.76 -0.05 -0.05	7.26 -0.04 -0.09	14.34 -0.14 -0.06	17.25 -0.17 -0.03	16.78 -0.17 -0.02	16.63 -0.18 -0.02	16.40 -0.15 -0.02	15.68 -0.21 -0.03	15.18 -0.21 -0.05	15.18 -0.25 -0.07	13.86 -0.25 -0.07	14.01 -0.24 -0.09	14.84 -0.25 -0.15	18.34 -0.28 -0.13	19.84 -0.28 -0.10	20.66 -0.21 -0.08	17.56 -0.11 -0.07	16.94 -0.10 -0.04	8.18 -0.04 -0.06
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	9.09 0.21 -3.77	8.66 0.20 -3.36	8.25 0.19 -3.18	8.25 0.18 -3.33	8.56 0.20 -3.27	11.13 0.35 -3.02	12.72 0.33 -5.19	18.54 0.66 -3.45	20.05 0.80 -1.85	18.74 0.74 -1.07	18.54 0.72 -1.02	18.22 0.60 -1.09	18.30 0.67 -1.78	18.86 0.61 -2.89	19.30 0.61 -3.32	19.19 0.56 -4.59	20.28 0.58 -5.54	24.81 0.61 -9.25	27.25 0.81 -7.95	27.36 0.88 -6.46	26.70 1.04 -4.87	22.79 0.92 -4.28	20.10 0.88 -2.21	12.03 0.44 -3.43
VISCHER___FERRY HYD 24020	23.60 0.19 -18.31	21.56 0.18 -16.28	20.48 0.18 -15.43	21.05 0.17 -16.15	21.11 0.18 -15.84	22.71 0.29 -14.67	32.63 0.27 -25.15	31.63 0.49 -16.71	27.00 0.61 -8.99	22.47 0.56 -4.98	22.18 0.55 -4.82	22.26 0.54 -5.18	24.42 0.52 -8.04	28.43 0.52 -12.55	30.51 0.49 -14.65	34.82 0.46 -20.32	39.37 0.48 -24.73	55.91 0.52 -40.44	54.20 0.66 -35.04	49.24 0.72 -28.50	44.14 0.79 -22.56	37.98 0.63 -19.75	28.37 0.65 -10.72	25.11 0.29 -16.65
V_A_10_SYNC_DSASP 323832	7.15 0.10 -1.95	6.90 0.07 -1.73	6.59 0.08 -1.64	6.52 0.07 -1.72	6.83 0.06 -1.68	9.48 0.16 -1.56	9.89 0.01 -2.67	15.78 -0.43 -1.78	17.73 -0.63 -0.96	16.83 -0.64 -0.54	16.70 -0.62 -0.52	16.48 -0.61 -0.56	16.19 -0.57 -0.90	16.26 -0.54 -1.45	16.49 -0.54 -1.66	15.83 -0.52 -2.30	16.41 -0.54 -2.79	18.91 -0.66 -4.63	21.61 -0.87 -3.99	22.29 -0.92 -3.19	22.31 -0.91 -2.44	19.05 -0.69 -2.14	17.53 -0.60 -1.12	9.90 -0.01 -1.75
V_CMM_10_SYNC_DSASP 323787	4.95 -0.15 0.00	4.95 -0.14 0.00	4.73 -0.14 0.00	4.60 -0.13 0.00	4.96 -0.13 0.00	7.51 -0.25 0.00	6.99 -0.22 0.00	14.19 -0.25 0.00	17.05 -0.35 0.00	16.61 -0.32 0.00	16.48 -0.32 0.00	16.20 -0.33 0.00	15.56 -0.30 0.00	15.05 -0.31 0.00	15.06 -0.31 0.00	13.78 -0.27 0.00	13.91 -0.25 0.00	14.71 -0.24 0.00	18.15 -0.33 0.00	19.64 -0.38 0.00	20.33 -0.46 0.00	17.18 -0.42 0.00	16.63 -0.37 0.00	7.91 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	4.91 -0.20 0.00	4.92 -0.18 0.00	4.69 -0.18 0.00	4.60 -0.13 0.00	4.97 -0.12 0.00	7.55 -0.20 0.00	7.15 -0.06 0.00	14.62 0.19 0.00	17.64 0.24 0.00	17.18 0.25 0.00	16.98 0.19 0.00	16.63 0.10 0.00	16.03 0.17 0.00	15.49 0.14 0.00	15.49 0.12 0.00	14.16 0.11 0.00	14.28 0.11 0.00	15.17 0.22 0.00	18.88 0.39 0.00	20.38 0.36 0.00	20.93 0.15 0.00	17.53 -0.07 0.00	16.87 -0.14 0.00	8.01 -0.15 0.00
V_E_10_SYNC_DSASP 323830	10.93 0.49 -5.34	10.32 0.47 -4.75	9.81 0.44 -4.50	9.86 0.42 -4.71	10.20 0.49 -4.62	12.89 0.85 -4.28	15.34 0.80 -7.33	20.82 1.51 -4.87	21.67 1.65 -2.62	19.93 1.51 -1.49	19.60 1.38 -1.43	19.35 1.29 -1.53	19.51 1.19 -2.46	20.40 1.09 -3.96	20.98 1.05 -4.56	21.33 0.97 -6.31	22.88 1.08 -7.64	28.89 1.27 -12.68	31.26 1.85 -10.93	27.83 1.46 -6.35	27.43 1.79 -4.86	23.37 1.51 -4.26	20.65 1.41 -2.23	12.36 0.73 -3.47
V_F_30_NSYNC___DSASP 323816	24.08 0.25 -18.72	21.98 0.23 -16.65	20.87 0.22 -15.78	21.46 0.21 -16.52	21.53 0.23 -16.20	23.13 0.37 -15.00	33.30 0.37 -25.73	32.21 0.69 -17.09	27.45 0.85 -9.20	22.85 0.80 -5.13	22.53 0.77 -4.95	22.61 0.76 -5.32	24.96 0.78 -8.33	29.22 0.77 -13.10	31.26 0.66 -15.23	35.81 0.65 -21.12	40.49 0.67 -25.66	57.79 0.73 -42.11	55.87 0.94 -36.44	50.69 1.04 -29.62	45.15 1.10 -23.27	38.87 0.90 -20.37	28.95 0.97 -10.97	25.62 0.42 -17.05
V_F_30_SYNC_DSASP 323786	23.36 0.10 -18.15	21.34 0.10 -16.14	20.27 0.09 -15.31	20.84 0.09 -16.02	20.90 0.10 -15.71	22.47 0.16 -14.55	32.28 0.13 -24.95	31.25 0.25 -16.57	26.64 0.33 -8.92	22.24 0.34 -4.97	21.97 0.37 -4.80	22.08 0.40 -5.16	24.26 0.33 -8.07	28.38 0.34 -12.69	30.48 0.35 -14.76	34.84 0.34 -20.46	39.43 0.37 -24.90	56.20 0.37 -40.89	54.34 0.48 -35.38	49.27 0.50 -28.75	43.88 0.54 -22.55	37.77 0.42 -19.75	28.04 0.41 -10.62	24.84 0.17 -16.51
V_XM_10_SYNC_DSASP 323789	4.91 -0.20 0.00	4.92 -0.18 0.00	4.69 -0.18 0.00	4.60 -0.13 0.00	4.97 -0.12 0.00	7.55 -0.20 0.00	7.15 -0.06 0.00	14.62 0.19 0.00	17.64 0.24 0.00	17.18 0.25 0.00	16.98 0.19 0.00	16.63 0.10 0.00	16.03 0.17 0.00	15.49 0.14 0.00	15.49 0.12 0.00	14.16 0.11 0.00	14.28 0.11 0.00	15.17 0.22 0.00	18.88 0.39 0.00	20.38 0.36 0.00	20.93 0.15 0.00	17.53 -0.07 0.00	16.87 -0.14 0.00	8.01 -0.15 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.78 0.33 -13.34	17.30 0.33 -11.87	16.43 0.31 -11.25	16.81 0.31 -11.77	16.96 0.33 -11.55	18.96 0.51 -10.69	26.03 0.48 -18.34	27.53 0.92 -12.18	25.19 1.24 -6.56	21.97 1.22 -3.82	21.65 1.23 -3.62	21.64 1.22 -3.89	23.48 1.17 -6.45	27.11 1.11 -10.65	28.64 1.15 -12.12	31.84 1.04 -16.75	35.34 1.01 -20.18	49.95 1.05 -33.96	48.87 1.26 -29.12	45.05 1.38 -23.64	39.76 1.43 -17.54	34.19 1.18 -15.41	25.96 1.14 -7.81	20.86 0.56 -12.14

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.00 0.35 -14.54	18.38 0.35 -12.93	17.47 0.34 -12.26	17.89 0.33 -12.83	18.02 0.35 -12.59	19.97 0.56 -11.66	27.72 0.53 -19.99	28.74 1.04 -13.27	25.97 1.43 -7.15	22.54 1.44 -4.17	22.19 1.44 -3.95	22.19 1.42 -4.24	24.24 1.35 -7.04	28.31 1.32 -11.63	29.93 1.32 -13.24	33.50 1.17 -18.29	37.31 1.12 -22.03	53.32 1.29 -37.09	51.81 1.52 -31.80	47.42 1.58 -25.82	41.50 1.58 -19.14	35.72 1.30 -16.81	26.79 1.28 -8.51	22.01 0.62 -13.23
W50THST__13_KV_LOAD 356117	20.03 0.38 -14.54	18.41 0.38 -12.93	17.50 0.37 -12.26	17.92 0.35 -12.83	18.05 0.38 -12.59	20.01 0.60 -11.66	27.77 0.58 -19.99	28.85 1.14 -13.27	26.11 1.57 -7.15	22.66 1.56 -4.17	22.33 1.58 -3.95	22.32 1.55 -4.24	24.37 1.47 -7.04	28.43 1.44 -11.63	30.07 1.46 -13.24	33.63 1.29 -18.29	37.42 1.23 -22.03	53.45 1.42 -37.09	51.97 1.68 -31.80	47.56 1.72 -25.82	41.67 1.75 -19.14	35.84 1.43 -16.81	26.90 1.38 -8.51	22.06 0.67 -13.23
WADING RIVER_IC_1 23522	26.38 0.41 -20.86	21.53 0.44 -15.99	20.11 0.42 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.67 0.67 -13.24	30.06 0.68 -22.17	32.19 1.34 -16.42	30.94 1.57 -11.98	29.28 1.56 -10.80	28.64 1.48 -10.37	28.66 1.40 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.26 1.30 -37.02	51.62 1.39 -31.74	47.43 1.60 -25.81	46.92 1.77 -24.37	35.77 1.36 -16.82	29.33 1.46 -10.86	28.26 0.71 -19.39
WADING RIVER_IC_2 23547	26.38 0.41 -20.86	21.53 0.44 -15.99	20.11 0.42 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.67 0.67 -13.24	30.06 0.68 -22.17	32.19 1.34 -16.42	30.94 1.57 -11.98	29.28 1.56 -10.80	28.64 1.48 -10.37	28.66 1.40 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.26 1.30 -37.02	51.62 1.39 -31.74	47.43 1.60 -25.81	46.92 1.77 -24.37	35.77 1.36 -16.82	29.33 1.46 -10.86	28.26 0.71 -19.39
WADING RIVER_IC_3 23601	26.38 0.41 -20.86	21.53 0.44 -15.99	20.11 0.42 -14.82	19.98 0.42 -14.83	19.14 0.44 -13.61	21.67 0.67 -13.24	30.06 0.68 -22.17	32.19 1.34 -16.42	30.94 1.57 -11.98	29.28 1.56 -10.80	28.64 1.48 -10.37	28.66 1.40 -10.73	30.06 1.35 -12.86	31.42 1.30 -14.76	30.63 1.31 -13.96	33.32 1.01 -18.27	42.11 1.15 -26.80	53.26 1.30 -37.02	51.62 1.39 -31.74	47.43 1.60 -25.81	46.92 1.77 -24.37	35.77 1.36 -16.82	29.33 1.46 -10.86	28.26 0.71 -19.39
WALDENNY_12_KV_BK2 80841	7.54 0.14 -2.29	7.25 0.11 -2.04	6.93 0.13 -1.93	6.87 0.11 -2.02	7.17 0.10 -1.98	9.82 0.23 -1.84	10.48 0.12 -3.15	16.16 -0.36 -2.09	17.98 -0.54 -1.13	17.03 -0.54 -0.61	16.86 -0.55 -0.61	16.68 -0.51 -0.66	16.45 -0.48 -1.07	16.62 -0.46 -1.73	16.91 -0.45 -1.99	16.35 -0.45 -2.75	17.02 -0.47 -3.32	19.87 -0.61 -5.54	22.46 -0.79 -4.77	23.03 -0.86 -3.87	22.91 -0.81 -2.94	19.54 -0.63 -2.58	17.80 -0.54 -1.34	10.28 0.04 -2.08
WALDEN__HYDRO 24148	19.14 0.33 -13.70	17.62 0.34 -12.18	16.74 0.32 -11.55	17.13 0.31 -12.09	17.27 0.33 -11.86	19.25 0.51 -10.98	26.52 0.48 -18.83	27.85 0.91 -12.51	25.31 1.18 -6.73	21.99 1.15 -3.91	21.63 1.13 -3.71	21.64 1.12 -3.98	23.49 1.06 -6.57	27.18 1.03 -10.80	28.77 1.09 -12.31	32.06 1.00 -17.02	35.69 0.98 -20.55	50.45 0.99 -34.52	49.37 1.26 -29.62	45.59 1.44 -24.12	40.26 1.50 -17.97	34.62 1.23 -15.79	26.22 1.17 -8.04	21.23 0.57 -12.50
WARRENSBURG____ 23737	24.10 0.20 -18.79	21.99 0.18 -16.71	20.87 0.16 -15.84	21.47 0.16 -16.58	21.53 0.18 -16.26	23.12 0.30 -15.06	33.37 0.34 -25.82	32.25 0.66 -17.15	27.43 0.80 -9.23	22.83 0.74 -5.15	22.50 0.71 -4.99	22.60 0.71 -5.36	25.04 0.78 -8.40	29.37 0.78 -13.23	31.09 0.34 -15.38	35.71 0.35 -21.32	40.45 0.40 -25.89	57.93 0.46 -42.52	55.89 0.61 -36.79	50.52 0.68 -29.82	44.94 0.77 -23.39	38.68 0.60 -20.48	28.97 0.95 -11.01	25.65 0.38 -17.11
WATERSIDE____6 8 9 23538	19.99 0.34 -14.55	18.37 0.34 -12.94	17.46 0.33 -12.26	17.88 0.32 -12.83	18.01 0.34 -12.59	19.93 0.52 -11.66	27.68 0.49 -19.99	28.69 0.98 -13.28	25.92 1.37 -7.15	22.47 1.37 -4.17	22.14 1.39 -3.95	22.14 1.37 -4.24	24.20 1.30 -7.04	28.26 1.27 -11.63	29.88 1.28 -13.24	33.46 1.12 -18.29	37.25 1.06 -22.03	53.29 1.26 -37.09	51.77 1.48 -31.80	47.37 1.52 -25.82	41.44 1.52 -19.14	35.65 1.23 -16.82	26.74 1.22 -8.51	21.99 0.60 -13.23
WATKINRD_115KV_LN8_ILLION 55919	5.15 -0.02 -0.06	5.13 -0.02 -0.06	4.90 -0.02 -0.05	4.76 -0.02 -0.06	5.13 -0.02 -0.06	7.80 -0.01 -0.05	7.29 -0.01 -0.09	14.42 -0.07 -0.06	17.34 -0.09 -0.03	16.85 -0.10 -0.02	16.72 -0.10 -0.02	16.45 -0.10 -0.02	15.78 -0.11 -0.03	15.29 -0.11 -0.05	15.28 -0.14 -0.05	13.99 -0.13 -0.07	14.12 -0.13 -0.09	14.96 -0.13 -0.15	18.48 -0.13 -0.13	19.98 -0.14 -0.10	20.78 -0.08 -0.08	17.63 -0.04 -0.07	16.99 -0.05 -0.04	8.21 -0.01 -0.06
WATSON____69_KV_BK 1 55734	25.79 0.50 -20.19	21.27 0.50 -15.67	19.90 0.48 -14.55	19.83 0.47 -14.63	19.10 0.49 -13.51	21.61 0.78 -13.08	29.89 0.74 -21.95	32.39 1.53 -16.43	31.32 1.93 -11.99	29.65 1.91 -10.80	29.00 1.83 -10.37	28.98 1.72 -10.73	30.41 1.68 -12.87	31.76 1.63 -14.78	30.96 1.61 -13.98	33.63 1.29 -18.30	42.43 1.42 -26.86	53.55 1.51 -37.10	51.94 1.65 -31.81	47.73 1.88 -25.82	47.21 2.06 -24.37	36.11 1.67 -16.83	29.63 1.77 -10.86	28.41 0.86 -19.39
WDELAWARE__HYD 323627	16.88 0.42 -11.35	15.63 0.44 -10.09	14.84 0.40 -9.57	15.14 0.39 -10.01	15.33 0.42 -9.82	17.49 0.64 -9.09	23.36 0.56 -15.59	25.86 1.07 -10.36	24.29 1.32 -5.57	21.40 1.25 -3.21	21.10 1.24 -3.06	21.15 1.34 -3.29	22.39 1.16 -5.37	25.21 1.09 -8.77	26.21 0.81 -10.03	28.69 0.77 -13.87	31.76 0.79 -16.81	43.80 0.70 -28.15	43.65 0.98 -24.18	41.26 1.16 -20.08	37.56 1.70 -15.07	32.24 1.41 -13.23	25.13 1.33 -6.80	19.39 0.67 -10.56
WEST BABYLON__IC 23714	25.75 0.48 -20.16	21.23 0.48 -15.66	19.87 0.46 -14.54	19.79 0.44 -14.62	19.07 0.47 -13.51	21.57 0.74 -13.07	29.85 0.70 -21.94	32.30 1.44 -16.43	31.23 1.84 -11.99	29.58 1.85 -10.80	28.93 1.76 -10.37	28.91 1.65 -10.73	30.35 1.62 -12.87	31.68 1.55 -14.78	30.90 1.55 -13.98	33.58 1.24 -18.30	42.37 1.36 -26.85	53.47 1.43 -37.10	51.87 1.57 -31.81	47.65 1.80 -25.82	47.11 1.95 -24.37	36.03 1.60 -16.83	29.57 1.70 -10.86	28.39 0.84 -19.39
WEST CANADA__HYD 24049	5.12 0.01 0.00	5.11 0.01 0.00	4.88 0.01 0.00	4.74 0.00 0.00	5.10 0.01 0.00	7.78 0.02 0.00	7.22 0.01 0.00	14.43 0.00 0.00	17.40 0.00 0.00	16.93 0.00 0.00	16.80 0.00 0.00	16.53 0.00 0.00	15.86 0.00 0.00	15.35 0.00 0.00	15.37 0.00 0.00	14.04 0.00 0.00	14.16 0.00 0.00	14.93 -0.01 0.00	18.49 0.00 0.00	20.02 0.00 0.00	20.80 0.02 0.00	17.62 0.02 0.00	17.02 0.02 0.00	8.18 0.02 0.00
WESTERN_NY_WIND 24143	7.31 0.22 -1.98	7.05 0.19 -1.76	6.72 0.18 -1.67	6.66 0.18 -1.75	6.97 0.17 -1.71	9.70 0.36 -1.59	10.09 0.17 -2.72	16.15 -0.09 -1.81	18.13 -0.24 -0.97	17.14 -0.34 -0.55	17.01 -0.32 -0.53	16.80 -0.30 -0.57	16.49 -0.28 -0.91	16.56 -0.26 -1.47	16.80 -0.26 -1.69	16.11 -0.28 -2.34	16.71 -0.28 -2.83	19.26 -0.39 -4.70	22.02 -0.52 -4.05	22.79 -0.48 -3.25	22.77 -0.50 -2.48	19.48 -0.30 -2.18	17.89 -0.25 -1.14	10.12 0.19 -1.78

WESTOVER___LESR 323668	9.23 0.13 -3.99	8.76 0.11 -3.55	8.35 0.11 -3.37	8.36 0.10 -3.52	8.65 0.11 -3.45	11.16 0.21 -3.20	12.88 0.19 -5.49	18.26 0.19 -3.64	19.53 0.17 -1.96	18.21 0.15 -1.12	18.01 0.13 -1.07	17.83 0.15 -1.15	17.87 0.14 -1.87	18.54 0.15 -3.04	19.00 0.15 -3.48	18.99 0.13 -4.82	20.09 0.11 -5.82	24.72 0.07 -9.70	26.97 0.13 -8.35	26.98 0.18 -6.78	26.15 0.23 -5.14	22.33 0.23 -4.51	19.55 0.20 -2.34	11.98 0.19 -3.63
WETHRSFD_WT_PWR 323626	7.77 0.13 -2.53	7.45 0.10 -2.25	7.12 0.12 -2.14	7.07 0.10 -2.23	7.38 0.10 -2.19	10.01 0.23 -2.03	10.79 0.10 -3.48	16.53 -0.22 -2.31	18.27 -0.37 -1.24	17.26 -0.37 -0.71	17.07 -0.40 -0.68	16.89 -0.36 -0.73	16.69 -0.33 -1.17	16.91 -0.32 -1.88	17.21 -0.32 -2.17	16.72 -0.32 -3.00	17.42 -0.37 -3.63	20.50 -0.46 -6.02	23.10 -0.57 -5.19	23.59 -0.58 -4.15	23.42 -0.54 -3.18	19.98 -0.40 -2.78	18.11 -0.36 -1.46	10.51 0.08 -2.27
WHAVSTOR_138KV_BK127 55557	18.77 0.31 -13.35	17.28 0.31 -11.87	16.42 0.30 -11.25	16.80 0.29 -11.78	16.95 0.31 -11.55	18.93 0.48 -10.70	26.00 0.45 -18.34	27.48 0.87 -12.18	25.12 1.17 -6.56	21.92 1.17 -3.82	21.58 1.16 -3.62	21.58 1.16 -3.89	23.42 1.11 -6.45	27.06 1.06 -10.65	28.59 1.09 -12.13	31.78 0.98 -16.76	35.29 0.95 -20.18	49.91 1.00 -33.97	48.80 1.18 -29.13	44.97 1.30 -23.65	39.68 1.35 -17.54	34.12 1.11 -15.42	25.89 1.07 -7.81	20.83 0.53 -12.14
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.77 0.31 -13.35	17.28 0.31 -11.87	16.42 0.30 -11.25	16.80 0.29 -11.78	16.95 0.31 -11.55	18.93 0.48 -10.70	26.00 0.45 -18.34	27.48 0.87 -12.18	25.12 1.17 -6.56	21.92 1.17 -3.82	21.58 1.16 -3.62	21.58 1.16 -3.89	23.42 1.11 -6.45	27.06 1.06 -10.65	28.59 1.09 -12.13	31.78 0.98 -16.76	35.29 0.95 -20.18	49.91 1.00 -33.97	48.80 1.18 -29.13	44.97 1.30 -23.65	39.68 1.35 -17.54	34.12 1.11 -15.42	25.89 1.07 -7.81	20.83 0.53 -12.14
WHITEHAL_115KV_TB1 80871	24.25 0.30 -18.84	22.12 0.27 -16.76	21.00 0.25 -15.89	21.60 0.24 -16.63	21.67 0.27 -16.31	23.31 0.45 -15.10	33.66 0.56 -25.89	32.87 1.24 -17.20	28.15 1.50 -9.26	23.48 1.35 -5.20	23.09 1.29 -5.00	23.18 1.27 -5.37	25.72 1.38 -8.49	30.18 1.37 -13.46	31.66 0.69 -15.60	36.37 0.72 -21.61	41.13 0.76 -26.20	59.01 0.88 -43.18	56.97 1.16 -37.32	51.67 1.32 -30.33	45.86 1.48 -23.60	39.42 1.14 -20.67	29.45 1.41 -11.03	25.86 0.56 -17.14
WHITEPLN_13_KV_LOAD 356215	20.05 0.35 -14.59	18.42 0.35 -12.97	17.50 0.33 -12.30	17.94 0.33 -12.87	18.07 0.36 -12.62	20.01 0.56 -11.69	27.80 0.54 -20.05	28.71 0.97 -13.32	25.87 1.30 -7.17	22.43 1.32 -4.18	22.07 1.31 -3.96	22.14 1.36 -4.25	24.17 1.25 -7.06	28.24 1.23 -11.66	29.89 1.24 -13.27	33.51 1.12 -18.34	37.34 1.09 -22.09	53.34 1.21 -37.18	51.83 1.46 -31.88	47.45 1.54 -25.89	41.53 1.56 -19.19	35.75 1.28 -16.86	26.77 1.22 -8.54	22.02 0.60 -13.27
WM_FLOYD_69_KV_BK2 356380	25.76 0.46 -20.20	21.25 0.47 -15.68	19.88 0.45 -14.56	19.81 0.44 -14.63	19.07 0.47 -13.51	21.57 0.73 -13.08	29.87 0.71 -21.96	32.32 1.46 -16.43	31.12 1.74 -11.99	29.48 1.74 -10.80	28.82 1.65 -10.37	28.83 1.57 -10.73	30.24 1.51 -12.87	31.59 1.46 -14.78	30.81 1.46 -13.98	33.48 1.14 -18.30	42.28 1.27 -26.84	53.47 1.43 -37.10	51.85 1.55 -31.81	47.63 1.78 -25.82	47.11 1.95 -24.37	35.94 1.51 -16.82	29.50 1.63 -10.86	28.34 0.79 -19.39
WOODARD__115KV_TB2 355635	6.42 -0.02 -1.33	6.25 -0.03 -1.19	5.96 -0.03 -1.12	5.88 -0.03 -1.18	6.20 -0.04 -1.15	8.81 -0.02 -1.07	9.01 -0.03 -1.83	15.46 -0.19 -1.22	17.79 -0.26 -0.66	17.05 -0.25 -0.37	16.91 -0.25 -0.36	16.70 -0.21 -0.38	16.26 -0.22 -0.62	16.16 -0.20 -1.01	16.33 -0.20 -1.16	15.46 -0.18 -1.60	15.93 -0.17 -1.94	17.96 -0.21 -3.22	21.06 -0.20 -2.78	22.08 -0.20 -2.25	22.29 -0.21 -1.71	18.94 -0.16 -1.50	17.60 -0.19 -0.78	9.35 -0.02 -1.21
YORK___WARBASSE 23770	20.01 0.36 -14.55	18.39 0.36 -12.94	17.48 0.35 -12.26	17.90 0.33 -12.83	18.03 0.35 -12.59	19.95 0.54 -11.66	27.70 0.50 -19.99	28.72 1.01 -13.28	25.95 1.41 -7.15	22.50 1.41 -4.17	22.17 1.43 -3.95	22.18 1.41 -4.24	24.23 1.33 -7.04	28.31 1.32 -11.63	29.91 1.31 -13.24	33.49 1.15 -18.29	37.27 1.08 -22.03	53.37 1.33 -37.09	51.86 1.57 -31.80	47.45 1.60 -25.82	41.50 1.58 -19.14	35.72 1.30 -16.82	26.83 1.31 -8.51	22.03 0.64 -13.23