

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/15/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	30.26	29.09	28.56	28.11	28.95	33.04	43.47	48.48	43.88	35.12	30.50	28.96	28.66	29.55	29.60	32.91	40.40	51.37	44.22	39.59	35.14	31.55	29.51	28.29
24138	1.63	1.50	1.44	1.04	1.07	1.13	1.89	1.86	2.15	1.90	2.09	2.02	1.76	1.80	1.81	2.00	2.28	2.63	2.13	2.00	1.98	1.72	1.28	1.26
	-3.50	-3.75	-4.68	-10.55	-10.93	-12.77	-14.09	-20.42	-14.55	-9.55	-2.95	-2.05	-5.44	-6.04	-5.78	-6.46	-9.95	-16.70	-13.99	-12.30	-7.39	-6.00	-10.52	-9.51
74TH STREET_GT_1	30.26	29.11	28.56	28.13	28.97	33.04	43.42	48.43	43.80	35.08	30.45	28.94	28.62	29.51	29.56	32.86	40.37	51.30	44.22	39.61	35.14	31.55	29.53	28.25
24260	1.63	1.53	1.44	1.06	1.08	1.13	1.84	1.81	2.07	1.85	2.04	1.99	1.72	1.76	1.76	1.96	2.25	2.56	2.14	2.02	1.98	1.72	1.29	1.23
	-3.50	-3.75	-4.68	-10.55	-10.93	-12.77	-14.10	-20.42	-14.55	-9.55	-2.95	-2.05	-5.45	-6.04	-5.78	-6.47	-9.95	-16.70	-13.99	-12.30	-7.39	-6.00	-10.52	-9.51
74TH STREET_GT_2	30.26	29.11	28.56	28.13	28.97	33.04	43.42	48.43	43.80	35.08	30.45	28.94	28.62	29.51	29.56	32.86	40.37	51.30	44.22	39.61	35.14	31.55	29.53	28.25
24261	1.63	1.53	1.44	1.06	1.08	1.13	1.84	1.81	2.07	1.85	2.04	1.99	1.72	1.76	1.76	1.96	2.25	2.56	2.14	2.02	1.98	1.72	1.29	1.23
	-3.50	-3.75	-4.68	-10.55	-10.93	-12.77	-14.10	-20.42	-14.55	-9.55	-2.95	-2.05	-5.45	-6.04	-5.78	-6.47	-9.95	-16.70	-13.99	-12.30	-7.39	-6.00	-10.52	-9.51
ADK HUDSON___FALLS	30.48	29.40	29.09	30.26	31.32	35.93	46.51	53.02	46.68	36.61	30.25	28.39	29.08	30.09	30.15	33.43	41.69	54.30	46.86	41.66	35.99	32.13	31.52	30.42
24011	1.01	0.91	0.83	0.63	0.78	0.92	1.51	1.44	1.41	1.07	1.12	0.95	0.86	0.87	0.95	0.95	1.15	1.51	1.38	1.09	1.03	0.83	0.73	1.09
	-4.35	-4.66	-5.81	-13.11	-13.58	-15.87	-17.52	-25.38	-18.08	-11.87	-3.67	-2.55	-6.77	-7.51	-7.19	-8.03	-12.36	-20.76	-17.39	-15.29	-9.19	-7.46	-13.08	-11.81
ADK RESOURCE___RCVRY	30.64	29.52	29.20	30.35	31.44	36.07	46.77	53.27	46.93	36.81	30.42	28.51	29.22	30.22	30.28	33.58	41.92	54.60	47.12	41.87	36.17	32.27	31.63	30.13
23798	1.16	1.02	0.94	0.71	0.90	1.05	1.76	1.68	1.66	1.25	1.30	1.07	0.99	1.00	1.08	1.10	1.38	1.79	1.63	1.29	1.21	0.98	0.83	0.79
	-4.35	-4.66	-5.81	-13.12	-13.59	-15.88	-17.53	-25.39	-18.09	-11.87	-3.67	-2.56	-6.77	-7.51	-7.19	-8.04	-12.37	-20.77	-17.40	-15.30	-9.19	-7.46	-13.08	-11.82
ADK S GLENS___FALLS	30.48	29.40	29.09	30.26	31.32	35.93	46.51	53.02	46.68	36.61	30.25	28.39	29.08	30.09	30.15	33.43	41.69	54.30	46.86	41.66	35.99	32.13	31.52	30.42
24028	1.01	0.91	0.83	0.63	0.78	0.92	1.51	1.44	1.41	1.07	1.12	0.95	0.86	0.87	0.95	0.95	1.15	1.51	1.38	1.09	1.03	0.83	0.73	1.09
	-4.35	-4.66	-5.81	-13.11	-13.58	-15.87	-17.52	-25.38	-18.08	-11.87	-3.67	-2.55	-6.77	-7.51	-7.19	-8.03	-12.36	-20.76	-17.39	-15.29	-9.19	-7.46	-13.08	-11.81
ADK_NYS___DAM	30.12	29.16	28.84	29.80	30.65	35.18	45.44	51.75	45.70	36.10	30.00	28.36	28.85	29.85	29.92	33.28	41.33	53.43	46.09	41.14	35.70	32.06	31.04	29.52
23527	0.78	0.81	0.76	0.58	0.54	0.67	0.99	0.97	1.01	0.92	0.99	1.00	0.84	0.87	0.95	1.05	1.18	1.28	1.15	1.04	1.03	1.00	0.66	0.56
	-4.21	-4.51	-5.63	-12.70	-13.16	-15.38	-16.97	-24.58	-17.52	-11.50	-3.55	-2.47	-6.56	-7.27	-6.96	-7.78	-11.98	-20.11	-16.84	-14.81	-8.90	-7.23	-12.67	-11.44
AIR_PRODUCTS___DRP	29.44	28.45	28.15	29.32	30.23	34.65	44.64	51.00	44.97	35.40	29.23	27.62	28.28	29.21	29.23	32.48	40.48	52.53	45.30	40.40	34.97	31.31	30.55	29.07
24190	0.08	0.07	0.04	0.03	0.05	0.06	0.11	0.10	0.19	0.17	0.20	0.25	0.24	0.20	0.22	0.22	0.28	0.29	0.28	0.23	0.26	0.21	0.11	0.05
	-4.23	-4.53	-5.66	-12.76	-13.22	-15.45	-17.05	-24.70	-17.60	-11.55	-3.57	-2.49	-6.59	-7.31	-7.00	-7.82	-12.03	-20.20	-16.93	-14.88	-8.94	-7.26	-12.73	-11.50
AKWESSNE_115KV_BK	23.58	22.22	20.74	15.44	15.66	17.73	25.25	24.75	25.37	21.82	23.23	22.33	19.48	19.79	19.92	21.98	25.17	11.21	1.36	1.38	3.10	1.51	1.11	1.10
355683	-1.68	-1.76	-1.89	-1.49	-1.71	-1.89	-2.78	-2.23	-2.36	-2.23	-2.34	-2.64	-2.19	-2.15	-2.31	-2.71	-3.38	-4.16	-3.65	-3.31	-3.35	-3.19	-2.50	-2.47
	-0.13	-0.14	-0.18	-0.40	-0.42	-0.49	-0.54	-0.78	-0.55	-0.36	-0.11	-0.08	-0.21	-0.23	-0.22	-0.25	-0.38	16.67	23.08	20.60	19.32	19.13	14.11	13.95
ALBANY___1	29.44	28.45	28.15	29.32	30.23	34.65	44.64	51.00	44.97	35.40	29.23	27.62	28.28	29.21	29.23	32.48	40.48	52.53	45.30	40.40	34.97	31.31	30.55	29.07
23571	0.08	0.07	0.04	0.03	0.05	0.06	0.11	0.10	0.19	0.17	0.20	0.25	0.24	0.20	0.22	0.22	0.28	0.29	0.28	0.23	0.26	0.21	0.11	0.05
	-4.23	-4.53	-5.66	-12.76	-13.22	-15.45	-17.05	-24.70	-17.60	-11.55	-3.57	-2.49	-6.59	-7.31	-7.00	-7.82	-12.03	-20.20	-16.93	-14.88	-8.94	-7.26	-12.73	-11.50
ALBANY___2	29.44	28.45	28.15	29.32	30.23	34.65	44.64	51.00	44.97	35.40	29.23	27.62	28.28	29.21	29.23	32.48	40.48	52.53	45.30	40.40	34.97	31.31	30.55	29.07
23572	0.08	0.07	0.04	0.03	0.05	0.06	0.11	0.10	0.19	0.17	0.20	0.25	0.24	0.20	0.22	0.22	0.28	0.29	0.28	0.23	0.26	0.21	0.11	0.05
	-4.23	-4.53	-5.66	-12.76	-13.22	-15.45	-17.05	-24.70	-17.60	-11.55	-3.57	-2.49	-6.59	-7.31	-7.00	-7.82	-12.03	-20.20	-16.93	-14.88	-8.94	-7.26	-12.73	-11.50
ALBANY___3	29.44	28.45	28.15	29.32	30.23	34.65	44.64	51.00	44.97	35.40	29.23	27.62	28.28	29.21	29.23	32.48	40.48	52.53	45.30	40.40	34.97	31.31	30.55	29.07
23573	0.08	0.07	0.04	0.03	0.05	0.06	0.11	0.10	0.19	0.17	0.20	0.25	0.24	0.20	0.22	0.22	0.28	0.29	0.28	0.23	0.26	0.21	0.11	0.05
	-4.23	-4.53	-5.66	-12.76	-13.22	-15.45	-17.05	-24.70	-17.60	-11.55	-3.57	-2.49	-6.59	-7.31	-7.00	-7.82	-12.03	-20.20	-16.93	-14.88	-8.94	-7.26	-12.73	-11.50

ALBANY___4 23574	29.44 0.08 -4.23	28.45 0.07 -4.53	28.15 0.04 -5.66	29.32 0.03 -12.76	30.23 0.05 -13.22	34.65 0.06 -15.45	44.64 0.11 -17.05	51.00 0.10 -24.70	44.97 0.19 -17.60	35.40 0.17 -11.55	29.23 0.20 -3.57	27.62 0.25 -2.49	28.28 0.24 -6.59	29.21 0.20 -7.31	29.23 0.22 -7.00	32.48 0.22 -7.82	40.48 0.28 -12.03	52.53 0.29 -20.20	45.30 0.28 -16.93	40.40 0.23 -14.88	34.97 0.26 -8.94	31.31 0.21 -7.26	30.55 0.11 -12.73	29.07 0.05 -11.50
ALBANY___LFGE 323615	29.75 0.35 -4.27	28.72 0.31 -4.57	28.42 0.27 -5.70	29.58 0.20 -12.86	30.51 0.24 -13.33	34.98 0.27 -15.57	45.10 0.44 -17.18	51.53 0.44 -24.89	45.43 0.52 -17.74	35.75 0.43 -11.64	29.54 0.48 -3.60	27.92 0.52 -2.51	28.57 0.47 -6.64	29.49 0.41 -7.36	29.53 0.46 -7.05	32.84 0.51 -7.88	40.89 0.59 -12.13	53.10 0.70 -20.36	45.77 0.62 -17.06	40.82 0.53 -15.00	35.35 0.57 -9.01	31.63 0.48 -7.32	30.84 0.30 -12.83	29.33 0.23 -11.59
ALCOA_PA_115KV_PL-6C 55860	23.81 -1.46 -0.14	22.42 -1.57 -0.15	20.93 -1.71 -0.19	15.61 -1.34 -0.43	15.82 -1.58 -0.44	17.91 -1.74 -0.52	25.52 -2.53 -0.57	25.23 -1.81 -0.84	25.85 -1.93 -0.60	22.18 -1.89 -0.39	23.57 -2.01 -0.12	22.66 -2.31 -0.08	19.77 -1.91 -0.22	20.11 -1.85 -0.25	20.25 -2.00 -0.24	22.34 -2.37 -0.27	25.62 -2.96 -0.41	12.55 -3.65 15.84	2.85 -3.23 22.01	2.72 -2.93 19.64	4.42 -2.94 18.41	2.77 -2.81 18.25	2.06 -2.23 13.42	2.03 -2.21 13.28
ALCOA_RYNLDS___DRP 24188	23.81 -1.46 -0.14	22.42 -1.57 -0.15	20.93 -1.71 -0.19	15.61 -1.34 -0.43	15.82 -1.58 -0.44	17.91 -1.74 -0.52	25.52 -2.53 -0.57	25.23 -1.81 -0.84	25.85 -1.93 -0.60	22.18 -1.89 -0.39	23.57 -2.01 -0.12	22.66 -2.31 -0.08	19.77 -1.91 -0.22	20.11 -1.85 -0.25	20.25 -2.00 -0.24	22.34 -2.37 -0.27	25.62 -2.96 -0.41	12.55 -3.65 15.84	2.85 -3.23 22.01	2.72 -2.93 19.64	4.42 -2.94 18.41	2.77 -2.81 18.25	2.06 -2.23 13.42	2.03 -2.21 13.28
ALCOA___DSASP 323711	23.81 -1.46 -0.14	22.42 -1.57 -0.15	20.93 -1.71 -0.19	15.61 -1.34 -0.43	15.82 -1.58 -0.44	17.91 -1.74 -0.52	25.53 -2.53 -0.57	25.23 -1.81 -0.84	25.85 -1.93 -0.60	22.18 -1.90 -0.39	23.57 -2.01 -0.12	22.66 -2.31 -0.08	19.77 -1.91 -0.22	20.11 -1.85 -0.25	20.25 -2.00 -0.24	22.34 -2.37 -0.27	25.62 -2.96 -0.41	12.54 -3.65 15.84	2.85 -3.23 22.01	2.72 -2.93 19.64	4.42 -2.94 18.41	2.77 -2.81 18.25	2.06 -2.23 13.42	2.03 -2.21 13.28
ALLEGHENY___COGEN 23514	26.87 0.75 -0.99	25.66 0.76 -1.06	24.55 0.79 -1.32	20.07 0.58 -2.97	20.69 0.66 -3.08	23.54 0.80 -3.60	32.56 1.10 -3.97	32.82 0.86 -5.76	31.96 0.68 -4.10	26.77 0.40 -2.69	26.54 0.25 -0.83	25.72 0.25 -0.58	23.12 0.13 -1.54	23.59 0.17 -1.70	23.98 0.33 -1.63	26.73 0.46 -1.82	31.76 0.79 -2.80	37.90 1.15 -4.71	33.30 1.27 -3.94	29.92 1.16 -3.47	28.86 1.00 -2.08	26.38 0.86 -1.69	21.37 0.69 -2.97	21.00 0.81 -2.68
ALTAMONT_115KV_TB 2 55880	29.84 0.48 -4.24	28.81 0.43 -4.54	28.53 0.43 -5.66	29.61 0.31 -12.77	30.51 0.32 -13.23	34.96 0.36 -15.46	45.12 0.58 -17.06	51.47 0.55 -24.72	45.39 0.60 -17.61	35.76 0.52 -11.56	29.59 0.56 -3.57	27.95 0.57 -2.49	28.54 0.49 -6.59	29.50 0.48 -7.31	29.54 0.53 -7.00	32.85 0.59 -7.83	40.91 0.70 -12.04	53.06 0.80 -20.22	45.73 0.70 -16.94	40.81 0.63 -14.89	35.36 0.64 -8.95	31.67 0.57 -7.27	30.82 0.37 -12.74	29.36 0.33 -11.51
ALTONA_WT_PWR 323606	23.93 -1.33 -0.14	22.51 -1.48 -0.15	20.94 -1.68 -0.18	15.56 -1.37 -0.41	15.75 -1.63 -0.43	17.86 -1.78 -0.50	25.42 -2.61 -0.55	25.00 -1.99 -0.79	25.63 -2.12 -0.57	21.99 -2.06 -0.37	23.46 -2.11 -0.11	22.50 -2.46 -0.08	19.59 -2.08 -0.21	19.90 -2.04 -0.23	19.99 -2.25 -0.22	21.93 -2.76 -0.25	24.89 -3.66 -0.39	10.90 -4.68 16.46	0.60 -4.16 23.34	0.77 -3.84 20.68	3.05 -3.63 19.09	1.44 -3.48 18.91	0.98 -2.80 13.93	1.04 -2.70 13.78
AMERICAN_REF_FUEL 24010	24.83 -1.21 -0.91	23.74 -1.07 -0.97	22.74 -0.92 -1.22	18.69 -0.58 -2.74	19.27 -0.53 -2.84	21.71 -0.75 -3.32	29.80 -1.35 -3.66	29.91 -1.68 -5.39	29.17 -1.85 -3.84	24.80 -1.40 -2.52	24.79 -1.45 -0.78	24.26 -1.17 -0.54	21.80 -1.09 -1.44	22.15 -1.15 -1.59	22.55 -0.99 -1.53	25.02 -1.12 -1.71	29.44 -1.35 -2.62	34.71 -1.73 -4.41	30.52 -1.26 -3.69	27.45 -1.09 -3.25	26.53 -1.18 -1.95	24.37 -1.05 -1.58	19.91 -0.58 -2.78	19.74 -0.25 -2.47
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.75 -0.35 -0.97	24.55 -0.33 -1.04	23.47 -0.27 -1.30	19.33 -0.11 -2.93	19.92 -0.07 -3.03	22.49 -0.19 -3.54	30.90 -0.49 -3.91	31.18 -0.73 -5.72	30.36 -0.90 -4.07	25.69 -0.66 -2.67	25.67 -0.61 -0.83	25.12 -0.35 -0.58	22.68 -0.30 -1.52	23.08 -0.33 -1.69	23.48 -0.15 -1.62	26.11 -0.15 -1.81	30.84 -0.11 -2.79	36.24 -0.48 -4.68	31.67 -0.34 -3.92	28.35 -0.38 -3.45	27.35 -0.49 -2.07	25.09 -0.43 -1.68	20.52 -0.14 -2.95	20.28 0.12 -2.64
ARTHUR_KILL_GT_1 23520	30.77 2.13 -3.51	29.62 2.03 -3.76	29.06 1.93 -4.68	28.48 1.40 -10.56	29.35 1.46 -10.94	33.29 1.38 -12.77	43.00 1.43 -14.09	48.05 1.44 -20.41	43.46 1.74 -14.54	34.89 1.66 -9.55	30.22 1.81 -2.95	28.69 1.74 -2.05	28.45 1.55 -5.45	29.32 1.56 -6.04	29.36 1.56 -5.78	32.64 1.74 -6.47	40.23 2.11 -9.95	51.01 2.27 -16.69	44.01 1.94 -13.98	39.54 1.95 -12.30	35.02 1.86 -7.39	31.62 1.79 -6.00	29.71 1.47 -10.53	28.54 1.51 -9.51
ARTHUR_KILL_2 23512	30.70 2.06 -3.51	29.55 1.96 -3.76	28.99 1.86 -4.68	28.45 1.37 -10.56	29.30 1.41 -10.94	33.23 1.32 -12.77	42.92 1.35 -14.09	47.97 1.36 -20.41	43.38 1.66 -14.54	34.82 1.59 -9.55	30.14 1.73 -2.95	28.61 1.67 -2.05	28.38 1.48 -5.45	29.25 1.50 -6.04	29.30 1.50 -5.78	32.57 1.66 -6.47	40.15 2.03 -9.95	50.91 2.18 -16.69	43.93 1.85 -13.98	39.46 1.87 -12.30	34.94 1.78 -7.39	31.55 1.72 -6.00	29.66 1.42 -10.53	28.49 1.45 -9.51
ARTHUR_KILL_3 23513	29.98 1.36 -3.50	28.85 1.26 -3.75	28.31 1.19 -4.68	27.93 0.86 -10.55	28.78 0.90 -10.93	32.83 0.92 -12.77	43.14 1.57 -14.10	48.14 1.52 -20.42	43.52 1.79 -14.55	34.84 1.61 -9.55	30.19 1.78 -2.95	28.69 1.74 -2.05	28.41 1.50 -5.45	29.32 1.56 -6.04	29.36 1.56 -5.78	32.62 1.71 -6.46	40.06 1.94 -9.95	50.92 2.18 -16.70	43.83 1.74 -13.99	39.31 1.72 -12.30	34.91 1.75 -7.39	31.31 1.48 -6.00	29.33 1.10 -10.52	28.11 1.09 -9.51
ARTHUR_KILL_COGEN 323718	30.77 2.13 -3.51	29.62 2.03 -3.76	29.06 1.93 -4.68	28.48 1.40 -10.56	29.35 1.46 -10.94	33.29 1.38 -12.77	43.00 1.43 -14.09	48.05 1.44 -20.41	43.46 1.74 -14.54	34.89 1.66 -9.55	30.22 1.81 -2.95	28.69 1.74 -2.05	28.45 1.55 -5.45	29.32 1.56 -6.04	29.36 1.56 -5.78	32.64 1.74 -6.47	40.23 2.11 -9.95	51.01 2.27 -16.69	44.01 1.94 -13.98	39.54 1.95 -12.30	35.02 1.86 -7.39	31.62 1.79 -6.00	29.71 1.47 -10.53	28.54 1.51 -9.51
ASHOKAN____ 23654	30.46 1.46 -3.88	29.28 1.29 -4.15	28.82 1.19 -5.18	29.10 0.89 -11.69	30.05 0.98 -12.11	34.23 0.94 -14.15	44.70 1.59 -15.62	50.13 1.31 -22.63	44.61 1.30 -16.12	35.18 0.92 -10.58	29.54 0.81 -3.27	27.81 0.65 -2.28	28.07 0.58 -6.03	28.97 0.56 -6.69	29.13 0.70 -6.41	32.51 0.90 -7.16	40.60 1.41 -11.02	52.60 2.05 -18.51	45.25 1.66 -15.50	40.31 1.39 -13.63	35.48 1.52 -8.19	31.84 1.36 -6.65	30.21 0.83 -11.66	28.81 0.75 -10.53

ASTORIA_GT_10 24110	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.08 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.26 1.23 -9.51
ASTORIA_GT_11 24225	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.08 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.26 1.23 -9.51
ASTORIA_GT_12 24226	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.08 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.26 1.23 -9.51
ASTORIA_GT_13 24227	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.08 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.26 1.23 -9.51
ASTORIA_GT_5 24106	30.32 1.68 -3.51	29.17 1.57 -3.76	28.66 1.53 -4.68	28.20 1.12 -10.56	29.03 1.14 -10.94	32.89 0.98 -12.77	43.03 1.46 -14.10	48.00 1.39 -20.41	43.44 1.71 -14.54	34.85 1.63 -9.54	30.21 1.81 -2.94	28.79 1.84 -2.05	28.60 1.69 -5.45	29.37 1.63 -6.03	29.40 1.61 -5.77	32.61 1.71 -6.46	40.05 1.94 -9.94	50.88 2.15 -16.69	43.93 1.85 -13.98	39.33 1.74 -12.30	34.88 1.73 -7.38	31.34 1.50 -6.00	29.71 1.47 -10.53	28.49 1.45 -9.51
ASTORIA_GT_7 24107	30.32 1.68 -3.51	29.17 1.57 -3.76	28.66 1.53 -4.68	28.20 1.12 -10.56	29.03 1.14 -10.94	32.89 0.98 -12.77	43.03 1.46 -14.10	48.00 1.39 -20.41	43.44 1.71 -14.54	34.85 1.63 -9.54	30.21 1.81 -2.94	28.79 1.84 -2.05	28.60 1.69 -5.45	29.37 1.63 -6.03	29.40 1.61 -5.77	32.61 1.71 -6.46	40.05 1.94 -9.94	50.88 2.15 -16.69	43.93 1.85 -13.98	39.33 1.74 -12.30	34.88 1.73 -7.38	31.34 1.50 -6.00	29.71 1.47 -10.53	28.49 1.45 -9.51
ASTORIA_GT_8 24108	30.32 1.68 -3.51	29.17 1.57 -3.76	28.66 1.53 -4.68	28.20 1.12 -10.56	29.03 1.14 -10.94	32.89 0.98 -12.77	43.04 1.46 -14.10	48.01 1.39 -20.42	43.47 1.74 -14.55	34.86 1.63 -9.55	30.22 1.81 -2.95	28.79 1.84 -2.05	28.60 1.70 -5.45	29.38 1.63 -6.04	29.40 1.61 -5.78	32.62 1.71 -6.47	40.06 1.94 -9.95	50.89 2.15 -16.70	43.94 1.85 -13.99	39.39 1.80 -12.30	34.89 1.73 -7.39	31.34 1.50 -6.00	29.71 1.47 -10.53	28.43 1.40 -9.51
ASTORIA___2 24149	30.27 1.63 -3.51	29.14 1.55 -3.76	28.61 1.48 -4.68	28.17 1.09 -10.56	28.99 1.10 -10.94	32.85 0.94 -12.77	42.98 1.40 -14.10	47.95 1.34 -20.41	43.38 1.66 -14.54	34.81 1.59 -9.54	30.16 1.76 -2.94	28.74 1.79 -2.05	28.56 1.65 -5.45	29.33 1.58 -6.03	29.35 1.56 -5.77	32.56 1.66 -6.46	40.00 1.89 -9.94	50.81 2.08 -16.69	43.85 1.77 -13.98	39.28 1.69 -12.30	34.83 1.67 -7.38	31.29 1.45 -6.00	29.68 1.43 -10.53	28.45 1.42 -9.51
ASTORIA___3 23516	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.09 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.87 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.41 1.82 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.31 1.28 -9.51
ASTORIA___4 23517	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.08 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.26 1.23 -9.51
ASTORIA___5 23518	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.09 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.87 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.41 1.82 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.31 1.28 -9.51
AST_ENERGY_2_CC3 323677	30.03 1.41 -3.50	28.90 1.31 -3.75	28.36 1.23 -4.68	27.96 0.89 -10.55	28.80 0.91 -10.93	32.86 0.96 -12.77	38.83 1.59 -9.75	42.91 1.57 -15.14	40.08 1.82 -11.08	34.84 1.63 -9.53	30.20 1.81 -2.93	28.70 1.77 -2.05	28.42 1.52 -5.44	29.30 1.56 -6.03	29.34 1.56 -5.77	32.63 1.74 -6.45	40.07 1.97 -9.93	49.53 2.24 -15.25	43.92 1.85 -13.98	39.32 1.74 -12.29	34.90 1.75 -7.38	31.33 1.50 -5.99	29.37 1.13 -10.52	28.20 1.17 -9.51
AST_ENERGY_2_CC4 323678	30.03 1.41 -3.50	28.90 1.31 -3.75	28.36 1.23 -4.68	27.96 0.89 -10.55	28.80 0.91 -10.93	32.86 0.96 -12.77	38.83 1.59 -9.75	42.91 1.57 -15.14	40.08 1.82 -11.08	34.84 1.63 -9.53	30.20 1.81 -2.93	28.70 1.77 -2.05	28.42 1.52 -5.44	29.30 1.56 -6.03	29.34 1.56 -5.77	32.63 1.74 -6.45	40.07 1.97 -9.93	49.53 2.24 -15.25	43.92 1.85 -13.98	39.32 1.74 -12.29	34.90 1.75 -7.38	31.33 1.50 -5.99	29.37 1.13 -10.52	28.20 1.17 -9.51
ATHENS_STG_1 23668	29.59 0.58 -3.89	28.55 0.55 -4.16	28.17 0.54 -5.19	28.63 0.40 -11.71	29.48 0.39 -12.13	33.76 0.44 -14.18	43.82 0.69 -15.65	49.52 0.66 -22.67	44.09 0.76 -16.15	34.94 0.66 -10.60	29.45 0.71 -3.28	27.89 0.72 -2.28	28.10 0.60 -6.05	29.05 0.63 -6.71	29.09 0.66 -6.42	32.35 0.73 -7.18	40.06 0.84 -11.04	51.54 0.96 -18.54	44.44 0.82 -15.53	39.70 0.76 -13.66	34.75 0.77 -8.21	31.16 0.67 -6.66	29.85 0.46 -11.68	28.51 0.44 -10.55
ATHENS_STG_2 23670	29.59 0.58 -3.89	28.55 0.55 -4.16	28.17 0.54 -5.19	28.63 0.40 -11.71	29.48 0.39 -12.13	33.76 0.44 -14.18	43.82 0.69 -15.65	49.52 0.66 -22.67	44.09 0.76 -16.15	34.94 0.66 -10.60	29.45 0.71 -3.28	27.89 0.72 -2.28	28.10 0.60 -6.05	29.05 0.63 -6.71	29.09 0.66 -6.42	32.35 0.73 -7.18	40.06 0.84 -11.04	51.54 0.96 -18.54	44.44 0.82 -15.53	39.70 0.76 -13.66	34.75 0.77 -8.21	31.16 0.67 -6.66	29.85 0.46 -11.68	28.51 0.44 -10.55

ATHENS_STG_3 23677	29.59 0.58 -3.89	28.55 0.55 -4.16	28.17 0.54 -5.19	28.63 0.40 -11.71	29.48 0.39 -12.13	33.76 0.44 -14.18	43.82 0.69 -15.65	49.52 0.66 -22.67	44.09 0.76 -16.15	34.94 0.66 -10.60	29.45 0.71 -3.28	27.89 0.72 -2.28	28.10 0.60 -6.05	29.05 0.63 -6.71	29.09 0.66 -6.42	32.35 0.73 -7.18	40.06 0.84 -11.04	51.54 0.96 -18.54	44.44 0.82 -15.53	39.70 0.76 -13.66	34.75 0.77 -8.21	31.16 0.67 -6.66	29.85 0.46 -11.68	28.51 0.44 -10.55
AUBURN____LFGE 323710	26.14 0.20 -0.81	24.95 0.24 -0.87	23.78 0.25 -1.09	19.16 0.18 -2.45	19.70 0.20 -2.54	22.38 0.27 -2.97	31.20 0.44 -3.28	31.39 0.45 -4.74	30.94 0.38 -3.38	26.18 0.28 -2.22	26.40 0.25 -0.69	25.64 0.27 -0.48	22.92 0.19 -1.26	23.31 0.20 -1.40	23.56 0.20 -1.34	26.26 0.32 -1.50	30.90 0.42 -2.31	36.46 0.54 -3.88	32.01 0.67 -3.25	28.78 0.63 -2.86	27.92 0.44 -1.72	25.61 0.38 -1.39	20.46 0.30 -2.44	20.04 0.32 -2.21
BABYLON_RES_REC 323704	42.04 1.93 -14.97	41.33 1.81 -15.68	40.19 1.71 -16.04	38.99 1.26 -21.22	38.98 1.29 -20.74	41.72 1.42 -21.17	47.43 2.25 -17.69	49.73 2.17 -21.36	44.09 2.36 -14.55	40.88 2.06 -15.14	35.74 2.24 -8.04	34.87 2.16 -7.82	33.53 1.87 -10.21	33.96 1.93 -10.32	36.52 1.98 -12.53	38.72 2.22 -12.06	50.97 2.31 -20.49	77.40 2.43 -42.93	60.63 2.11 -30.43	45.56 2.07 -18.20	44.67 2.06 -16.84	40.92 1.76 -15.32	38.49 1.31 -19.46	36.95 1.45 -17.98
BABYLON__69_KV_BK2 356345	42.31 2.21 -14.97	41.57 2.05 -15.68	40.42 1.93 -16.04	39.16 1.42 -21.22	39.15 1.46 -20.74	41.93 1.63 -21.17	47.81 2.64 -17.69	50.10 2.54 -21.36	44.42 2.69 -14.55	41.12 2.30 -15.14	35.99 2.49 -8.04	35.12 2.41 -7.82	33.75 2.08 -10.21	34.16 2.13 -10.32	36.76 2.22 -12.53	39.04 2.54 -12.06	51.56 2.90 -20.49	78.10 3.14 -42.93	61.04 2.50 -30.44	45.90 2.40 -18.21	45.19 2.58 -16.84	41.26 2.10 -15.33	38.88 1.70 -19.46	37.09 1.59 -17.98
BALL_HILL_WT_PWR 323825	25.61 -0.48 -0.96	24.49 -0.38 -1.03	23.46 -0.27 -1.28	19.32 -0.10 -2.90	19.92 -0.03 -3.00	22.49 -0.15 -3.51	30.91 -0.44 -3.87	31.15 -0.71 -5.66	30.29 -0.92 -4.03	25.64 -0.69 -2.65	25.59 -0.69 -0.82	25.01 -0.45 -0.57	22.54 -0.43 -1.51	22.91 -0.48 -1.67	23.31 -0.31 -1.60	25.92 -0.32 -1.79	30.59 -0.34 -2.76	36.03 -0.64 -4.63	31.60 -0.37 -3.88	28.37 -0.33 -3.41	27.40 -0.41 -2.05	25.11 -0.38 -1.66	20.51 -0.12 -2.92	20.27 0.14 -2.61
BARON_WINDS____WT_PWR 323822	26.21 -0.08 -1.16	25.06 -0.02 -1.24	24.04 0.04 -1.55	20.10 0.08 -3.49	20.69 0.12 -3.62	23.46 0.10 -4.23	32.12 -0.03 -4.67	32.80 -0.18 -6.78	31.64 -0.38 -4.83	26.54 -0.31 -3.17	26.13 -0.30 -0.98	25.40 -0.17 -0.68	23.05 -0.21 -1.81	23.50 -0.22 -2.01	23.83 -0.11 -1.92	26.52 -0.07 -2.15	31.45 -0.03 -3.31	37.40 -0.19 -5.55	32.71 -0.03 -4.65	29.38 0.00 -4.09	28.15 -0.08 -2.46	25.73 -0.09 -1.99	21.23 0.02 -3.50	20.86 0.19 -3.15
BARRETT_IC_1 23704	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_10 23701	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_11 23702	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_12 23703	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_2 23705	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_3 23706	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_4 23707	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_5 23708	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_6 23709	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98

BARRETT_IC_7 23710	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.96 -21.36	43.93 2.20 -14.55	40.79 1.97 -15.14	35.58 2.09 -8.04	34.77 2.07 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.62 2.66 -42.92	60.77 2.25 -30.43	45.58 2.10 -18.20	44.69 2.09 -16.84	40.97 1.81 -15.32	38.61 1.43 -19.46	36.85 1.35 -17.98
BARRETT_IC_8 23711	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT_IC_9 23700	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT___1 23545	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BARRETT___2 23546	41.91 1.81 -14.97	41.19 1.67 -15.68	40.10 1.62 -16.04	38.93 1.19 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.18 2.01 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.79 1.96 -15.14	35.58 2.09 -8.04	34.77 2.06 -7.82	33.47 1.80 -10.21	33.86 1.82 -10.32	36.37 1.83 -12.53	38.53 2.03 -12.06	50.97 2.31 -20.49	77.61 2.66 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.69 2.09 -16.83	40.97 1.81 -15.32	38.61 1.43 -19.46	36.88 1.38 -17.98
BATAVIA___115KV_TB1 55881	25.80 -0.20 -0.87	24.63 -0.14 -0.94	23.57 -0.04 -1.17	19.19 0.03 -2.64	19.78 0.10 -2.73	22.39 0.06 -3.19	31.01 0.00 -3.52	31.10 -0.31 -5.21	30.49 -0.41 -3.72	25.83 -0.28 -2.44	25.91 -0.31 -0.75	25.26 -0.15 -0.52	22.66 -0.19 -1.39	23.02 -0.24 -1.54	23.43 -0.07 -1.48	26.00 -0.10 -1.65	30.71 0.00 -2.54	36.24 -0.06 -4.27	31.89 0.22 -3.57	28.63 0.20 -3.14	27.66 0.00 -1.89	25.34 -0.02 -1.53	20.53 0.12 -2.69	20.31 0.42 -2.38
BAYONEEC___CTG1 323682	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG10 323750	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG2 323683	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG3 323684	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG4 323685	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG5 323686	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG6 323687	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG7 323688	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BAYONEEC___CTG8 323689	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51

BAYONEEC___CTG9 323749	30.08 1.46 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.25 1.68 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.17 2.06 -9.95	51.05 2.31 -16.70	43.97 1.88 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.20 1.17 -9.51
BEACON___LESR 323632	29.91 0.55 -4.23	28.85 0.48 -4.53	28.52 0.43 -5.65	29.60 0.33 -12.75	30.55 0.39 -13.21	35.01 0.44 -15.44	45.26 0.74 -17.03	51.60 0.73 -24.67	45.55 0.79 -17.58	35.86 0.64 -11.54	29.71 0.69 -3.57	28.04 0.67 -2.48	28.64 0.60 -6.58	29.58 0.56 -7.30	29.62 0.62 -6.99	32.94 0.68 -7.81	41.03 0.84 -12.02	53.28 1.06 -20.18	45.93 0.93 -16.91	40.91 0.76 -14.87	35.53 0.82 -8.93	31.80 0.71 -7.25	30.89 0.46 -12.71	29.37 0.37 -11.49
BEAVER RIVER___HYD 24048	25.10 -0.33 -0.30	23.78 -0.38 -0.32	22.42 -0.43 -0.40	17.09 -0.33 -0.90	17.49 -0.39 -0.93	19.90 -0.33 -1.09	28.38 -0.30 -1.20	27.97 0.03 -1.74	28.20 -0.22 -1.24	24.04 -0.45 -0.81	25.17 -0.54 -0.25	24.37 -0.70 -0.18	21.32 -0.60 -0.46	21.64 -0.59 -0.51	21.93 -0.57 -0.49	24.38 -0.61 -0.55	28.40 -0.62 -0.85	27.38 -0.64 4.01	22.58 -0.59 4.92	19.93 -0.58 4.78	19.70 -0.54 5.53	17.64 -0.62 5.57	13.47 -0.58 3.66	13.24 -0.60 3.69
BEEBEE_GT_13 23619	25.81 -0.13 -0.81	24.64 -0.07 -0.87	23.53 0.00 -1.09	19.00 0.03 -2.45	19.57 0.08 -2.54	22.18 0.08 -2.97	30.56 -0.19 -3.27	30.55 -0.37 -4.72	30.14 -0.41 -3.36	25.62 -0.26 -2.21	25.89 -0.25 -0.68	25.19 -0.17 -0.47	22.57 -0.15 -1.26	22.91 -0.20 -1.40	23.24 -0.11 -1.34	25.79 -0.15 -1.49	30.35 -0.11 -2.30	35.74 -0.16 -3.86	31.30 -0.03 -3.23	28.08 -0.05 -2.84	27.35 -0.13 -1.71	25.12 -0.10 -1.39	20.16 0.02 -2.43	19.94 0.21 -2.21
BENSHRST_27_KV_BENSHRST_1 355998	30.57 1.93 -3.51	29.38 1.79 -3.76	28.84 1.71 -4.68	28.32 1.24 -10.56	29.16 1.27 -10.94	33.16 1.24 -12.77	43.37 1.79 -14.10	48.40 1.78 -20.42	43.82 2.09 -14.55	35.15 1.92 -9.55	30.52 2.11 -2.95	29.01 2.07 -2.05	28.71 1.80 -5.45	29.58 1.82 -6.04	29.62 1.83 -5.78	32.91 2.00 -6.47	40.48 2.37 -9.95	51.40 2.66 -16.70	44.33 2.25 -13.99	39.74 2.15 -12.30	35.25 2.09 -7.39	31.69 1.86 -6.00	29.71 1.47 -10.53	28.43 1.40 -9.51
BETHLEHEM___GRP 23843	29.44 0.08 -4.23	28.45 0.07 -4.53	28.15 0.04 -5.66	29.32 0.03 -12.76	30.23 0.05 -13.22	34.65 0.06 -15.45	44.64 0.11 -17.05	51.00 0.10 -24.70	44.97 0.19 -17.60	35.40 0.17 -11.55	29.23 0.20 -3.57	27.62 0.25 -2.49	28.28 0.24 -6.59	29.21 0.20 -7.31	29.23 0.22 -7.00	32.48 0.22 -7.82	40.48 0.28 -12.03	52.53 0.29 -20.20	45.30 0.28 -16.93	40.40 0.23 -14.88	34.97 0.26 -8.94	31.31 0.21 -7.26	30.55 0.11 -12.73	29.07 0.05 -11.50
BETHLEHEM___GS1 323560	29.44 0.08 -4.23	28.45 0.07 -4.53	28.15 0.04 -5.66	29.32 0.03 -12.76	30.23 0.05 -13.22	34.65 0.06 -15.45	44.64 0.11 -17.05	51.00 0.11 -24.70	44.97 0.19 -17.60	35.40 0.17 -11.55	29.23 0.20 -3.57	27.62 0.25 -2.49	28.28 0.24 -6.59	29.19 0.17 -7.31	29.23 0.22 -7.00	32.48 0.22 -7.82	40.48 0.28 -12.03	52.53 0.29 -20.20	45.30 0.28 -16.93	40.40 0.23 -14.88	34.97 0.26 -8.94	31.31 0.21 -7.26	30.55 0.11 -12.73	29.07 0.05 -11.50
BETHLEHEM___GS2 323561	29.44 0.08 -4.23	28.45 0.07 -4.53	28.15 0.04 -5.66	29.32 0.03 -12.76	30.23 0.05 -13.22	34.65 0.06 -15.45	44.64 0.11 -17.05	51.00 0.11 -24.70	44.97 0.19 -17.60	35.40 0.17 -11.55	29.23 0.20 -3.57	27.62 0.25 -2.49	28.28 0.24 -6.59	29.19 0.17 -7.31	29.23 0.22 -7.00	32.48 0.22 -7.82	40.48 0.28 -12.03	52.53 0.29 -20.20	45.30 0.28 -16.93	40.40 0.23 -14.88	34.97 0.26 -8.94	31.31 0.21 -7.26	30.55 0.11 -12.73	29.07 0.05 -11.50
BETHLEHEM___GS3 323562	29.44 0.08 -4.23	28.45 0.07 -4.53	28.15 0.04 -5.66	29.32 0.03 -12.76	30.23 0.05 -13.22	34.65 0.06 -15.45	44.64 0.11 -17.05	51.00 0.11 -24.70	44.97 0.19 -17.60	35.40 0.17 -11.55	29.23 0.20 -3.57	27.62 0.25 -2.49	28.28 0.24 -6.59	29.19 0.17 -7.31	29.23 0.22 -7.00	32.48 0.22 -7.82	40.48 0.28 -12.03	52.53 0.29 -20.20	45.30 0.28 -16.93	40.40 0.23 -14.88	34.97 0.26 -8.94	31.31 0.21 -7.26	30.55 0.11 -12.73	29.07 0.05 -11.50
BETHLEHEM___STEEL 23779	25.47 -0.60 -0.95	24.35 -0.50 -1.01	23.33 -0.38 -1.26	19.19 -0.18 -2.85	19.80 -0.10 -2.95	22.34 -0.25 -3.45	30.71 -0.58 -3.81	30.91 -0.86 -5.57	30.09 -1.06 -3.97	25.50 -0.78 -2.61	25.47 -0.79 -0.81	24.90 -0.55 -0.56	22.41 -0.54 -1.49	22.80 -0.56 -1.65	23.17 -0.42 -1.58	25.74 -0.46 -1.76	30.35 -0.54 -2.71	35.76 -0.83 -4.56	31.38 -0.53 -3.82	28.16 -0.48 -3.36	27.27 -0.52 -2.02	24.99 -0.48 -1.64	20.41 -0.18 -2.87	20.22 0.14 -2.57
BETHLHEM_115KV_TB1 79974	29.54 0.18 -4.23	28.51 0.14 -4.53	28.23 0.13 -5.65	29.38 0.10 -12.76	30.29 0.12 -13.22	34.70 0.11 -15.45	44.75 0.22 -17.04	51.10 0.21 -24.69	45.05 0.27 -17.59	35.46 0.24 -11.55	29.31 0.28 -3.57	27.70 0.32 -2.48	28.34 0.30 -6.58	29.28 0.26 -7.31	29.29 0.29 -6.99	32.58 0.32 -7.82	40.56 0.37 -12.03	52.65 0.42 -20.20	45.40 0.39 -16.92	40.49 0.33 -14.88	35.07 0.36 -8.94	31.38 0.29 -7.26	30.61 0.18 -12.72	29.12 0.11 -11.49
BETHPAGE_CC_5 323564	41.91 1.81 -14.97	41.22 1.69 -15.68	40.10 1.62 -16.04	38.91 1.17 -21.22	38.86 1.17 -20.74	41.59 1.28 -21.17	47.21 2.03 -17.69	49.52 1.97 -21.36	43.93 2.20 -14.55	40.77 1.94 -15.14	35.64 2.14 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.88 1.84 -10.32	36.43 1.89 -12.53	38.60 2.10 -12.06	51.00 2.34 -20.49	77.62 2.66 -42.92	60.77 2.25 -30.43	45.61 2.12 -18.20	44.70 2.09 -16.84	40.99 1.84 -15.32	38.56 1.38 -19.46	36.87 1.37 -17.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.47 -0.60 -0.95	24.36 -0.50 -1.02	23.31 -0.40 -1.27	19.21 -0.18 -2.86	19.80 -0.12 -2.97	22.36 -0.25 -3.47	30.73 -0.58 -3.83	30.94 -0.86 -5.60	30.11 -1.06 -3.99	25.49 -0.81 -2.62	25.45 -0.81 -0.81	24.91 -0.55 -0.56	22.42 -0.54 -1.49	22.78 -0.59 -1.66	23.18 -0.42 -1.59	25.75 -0.46 -1.77	30.36 -0.54 -2.73	35.79 -0.83 -4.58	31.40 -0.53 -3.84	28.18 -0.48 -3.38	27.26 -0.54 -2.03	24.98 -0.50 -1.65	20.41 -0.19 -2.89	20.20 0.11 -2.58
BINGHAMTON___COGEN 23790	26.93 0.28 -1.53	25.76 0.29 -1.64	24.80 0.31 -2.04	21.38 0.25 -4.61	22.00 0.27 -4.77	25.02 0.31 -5.58	34.11 0.47 -6.16	35.54 0.42 -8.92	33.89 0.35 -6.36	28.14 0.28 -4.17	27.03 0.28 -1.29	26.11 0.32 -0.90	24.08 0.24 -2.38	24.61 0.26 -2.64	24.83 0.29 -2.53	27.66 0.39 -2.83	33.02 0.51 -4.35	39.95 0.61 -7.30	34.74 0.53 -6.12	31.15 0.48 -5.38	29.49 0.49 -3.23	26.86 0.41 -2.62	22.63 0.32 -4.60	22.04 0.37 -4.15
BIXINCNT_115KV_LOAD 355685	25.55 -0.55 -0.98	24.38 -0.50 -1.04	23.30 -0.45 -1.30	19.21 -0.25 -2.94	19.81 -0.19 -3.04	22.39 -0.31 -3.56	30.75 -0.66 -3.93	31.08 -0.86 -5.74	30.10 -1.17 -4.09	25.23 -1.14 -2.69	25.30 -0.99 -0.83	24.87 -0.60 -0.58	22.41 -0.58 -1.53	22.78 -0.63 -1.70	23.18 -0.46 -1.63	25.75 -0.51 -1.82	30.35 -0.62 -2.80	35.74 -0.99 -4.70	31.24 -0.79 -3.94	28.04 -0.71 -3.46	26.97 -0.88 -2.08	24.76 -0.76 -1.69	20.32 -0.35 -2.96	20.08 -0.09 -2.65

BLACK RIVER___HYD 24047	25.70 0.10 -0.47	24.41 0.07 -0.50	23.09 0.02 -0.63	17.97 0.03 -1.41	18.45 0.03 -1.46	21.04 0.19 -1.71	29.83 0.47 -1.88	29.56 0.63 -2.73	29.40 0.27 -1.95	24.86 -0.09 -1.28	25.68 -0.18 -0.39	24.92 -0.25 -0.27	21.95 -0.24 -0.73	22.28 -0.24 -0.81	22.59 -0.20 -0.77	25.18 -0.12 -0.86	29.67 0.17 -1.33	31.73 0.39 0.70	27.09 0.42 1.42	24.15 0.35 1.49	23.77 0.33 2.33	21.55 0.19 2.47	16.68 0.02 1.05	16.35 -0.02 1.15
BLACKRVR_115KV_TB2 79977	25.70 0.10 -0.47	24.41 0.07 -0.50	23.09 0.02 -0.63	17.97 0.03 -1.41	18.45 0.03 -1.46	21.04 0.19 -1.71	29.83 0.47 -1.88	29.56 0.63 -2.73	29.40 0.27 -1.95	24.86 -0.09 -1.28	25.67 -0.18 -0.39	24.92 -0.25 -0.27	21.95 -0.24 -0.73	22.28 -0.24 -0.81	22.59 -0.20 -0.77	25.18 -0.12 -0.86	29.67 0.17 -1.33	31.73 0.38 0.70	27.09 0.42 1.42	24.12 0.33 1.49	23.77 0.33 2.33	21.55 0.19 2.47	16.68 0.02 1.05	16.37 0.00 1.15
BLISS_WT_PWR 323608	25.55 -0.55 -0.98	24.34 -0.55 -1.04	23.25 -0.49 -1.30	19.18 -0.28 -2.94	19.78 -0.22 -3.04	22.33 -0.36 -3.56	30.67 -0.74 -3.93	31.00 -0.94 -5.74	30.02 -1.25 -4.09	25.09 -1.28 -2.69	25.22 -1.07 -0.83	24.85 -0.62 -0.58	22.37 -0.62 -1.53	22.74 -0.67 -1.70	23.14 -0.51 -1.63	25.70 -0.56 -1.82	30.29 -0.68 -2.80	35.65 -1.09 -4.70	31.16 -0.87 -3.94	27.96 -0.78 -3.46	26.84 -1.01 -2.08	24.66 -0.86 -1.69	20.25 -0.43 -2.96	19.97 -0.19 -2.65
BLUESTONE___WT_PWR 323821	28.42 1.71 -1.58	27.18 1.64 -1.70	26.13 1.57 -2.12	22.50 1.21 -4.77	23.17 1.27 -4.95	26.43 1.51 -5.78	36.25 2.39 -6.38	37.80 2.36 -9.24	35.89 2.12 -6.59	29.59 1.59 -4.32	28.40 1.60 -1.34	27.36 1.54 -0.93	25.21 1.29 -2.47	25.68 1.24 -2.74	26.00 1.37 -2.62	29.01 1.64 -2.93	34.90 2.22 -4.50	42.26 2.66 -7.56	36.76 2.33 -6.33	32.88 2.02 -5.57	31.18 2.06 -3.35	28.31 1.76 -2.72	23.72 1.24 -4.76	23.08 1.26 -4.30
BLUE_CIRC_CHEM_DRP 24182	29.75 0.40 -4.22	28.74 0.38 -4.52	28.44 0.36 -5.64	29.51 0.26 -12.72	30.42 0.29 -13.18	34.85 0.31 -15.40	44.95 0.47 -17.00	51.27 0.45 -24.62	45.24 0.52 -17.55	35.64 0.45 -11.52	29.53 0.51 -3.56	27.89 0.52 -2.48	28.48 0.45 -6.57	29.43 0.43 -7.29	29.47 0.48 -6.97	32.75 0.51 -7.80	40.78 0.62 -12.00	52.85 0.67 -20.14	45.58 0.62 -16.87	40.68 0.56 -14.84	35.25 0.57 -8.91	31.57 0.50 -7.24	30.74 0.34 -12.69	29.26 0.28 -11.46
BOC_GAS_DRP 24189	29.73 0.38 -4.22	28.72 0.36 -4.52	28.42 0.34 -5.64	29.50 0.25 -12.73	30.39 0.25 -13.19	34.83 0.29 -15.41	44.93 0.44 -17.00	51.25 0.42 -24.63	45.22 0.49 -17.55	35.62 0.43 -11.52	29.50 0.48 -3.56	27.87 0.50 -2.48	28.46 0.43 -6.57	29.43 0.43 -7.29	29.45 0.46 -6.98	32.73 0.49 -7.80	40.73 0.56 -12.00	52.83 0.64 -20.15	45.53 0.56 -16.88	40.63 0.51 -14.84	35.23 0.54 -8.92	31.55 0.48 -7.24	30.73 0.32 -12.69	29.25 0.26 -11.47
BOONVILLE_115KV_TB1 79983	25.76 0.38 -0.26	24.45 0.33 -0.28	23.08 0.29 -0.34	17.51 0.21 -0.77	17.96 0.20 -0.80	20.38 0.31 -0.94	29.09 0.58 -1.03	28.41 0.71 -1.50	28.82 0.57 -1.07	24.69 0.31 -0.70	25.98 0.31 -0.22	25.24 0.20 -0.15	22.03 0.17 -0.40	22.31 0.15 -0.44	22.64 0.20 -0.42	25.16 0.24 -0.47	29.32 0.42 -0.73	31.86 0.51 0.69	27.33 0.37 1.12	24.42 0.28 1.15	24.51 0.36 1.62	22.39 0.26 1.70	16.99 0.11 0.83	16.74 0.11 0.88
BORALEX_4TH_BRANCH 23824	30.12 0.78 -4.21	29.16 0.81 -4.51	28.84 0.76 -5.63	29.80 0.58 -12.70	30.65 0.54 -13.16	35.19 0.67 -15.38	45.44 0.99 -16.97	51.75 0.97 -24.58	45.70 1.01 -17.52	36.10 0.92 -11.50	30.00 0.99 -3.55	28.36 1.00 -2.47	28.85 0.84 -6.56	29.85 0.87 -7.27	29.92 0.95 -6.96	33.28 1.05 -7.78	41.33 1.18 -11.98	53.43 1.28 -20.11	46.09 1.15 -16.84	41.14 1.04 -14.81	35.70 1.03 -8.90	32.06 1.00 -7.23	31.04 0.66 -12.67	29.54 0.58 -11.44
BOWLINE___1 23526	29.80 1.26 -3.41	28.66 1.17 -3.65	28.13 1.12 -4.56	27.65 0.84 -10.28	28.46 0.85 -10.66	32.49 0.90 -12.45	42.68 1.46 -13.74	47.55 1.44 -19.91	42.94 1.58 -14.18	34.39 1.40 -9.31	29.86 1.53 -2.88	28.36 1.47 -2.00	28.03 1.27 -5.31	28.90 1.30 -5.89	29.00 1.34 -5.64	32.26 1.52 -6.30	39.61 1.75 -9.70	50.37 2.05 -16.28	43.42 1.69 -13.64	38.85 1.57 -11.99	34.55 1.57 -7.21	31.02 1.33 -5.85	28.95 0.97 -10.26	27.73 0.95 -9.27
BOWLINE___2 23595	29.77 1.23 -3.41	28.66 1.17 -3.66	28.13 1.12 -4.56	27.64 0.83 -10.29	28.46 0.85 -10.66	32.49 0.90 -12.46	42.69 1.46 -13.75	47.53 1.41 -19.91	42.92 1.55 -14.19	34.39 1.40 -9.31	29.84 1.50 -2.88	28.36 1.47 -2.00	28.04 1.27 -5.31	28.91 1.30 -5.89	28.98 1.32 -5.64	32.24 1.49 -6.31	39.62 1.75 -9.70	50.35 2.02 -16.29	43.42 1.69 -13.65	38.83 1.54 -12.00	34.55 1.57 -7.21	31.02 1.33 -5.85	28.93 0.96 -10.26	27.73 0.95 -9.27
BRADY___115KV_TB2 356060	24.08 -1.21 -0.15	22.67 -1.33 -0.17	21.17 -1.48 -0.21	15.82 -1.17 -0.47	16.03 -1.41 -0.48	18.19 -1.51 -0.56	25.96 -2.14 -0.62	25.70 -1.41 -0.92	26.23 -1.60 -0.65	22.45 -1.66 -0.43	23.81 -1.78 -0.13	22.87 -2.12 -0.09	19.96 -1.74 -0.24	20.29 -1.69 -0.27	20.49 -1.78 -0.26	22.61 -2.13 -0.29	25.99 -2.62 -0.45	13.97 -3.20 14.87	7.98 -2.81 17.30	6.30 -2.58 16.41	5.84 -2.58 17.35	4.10 -2.53 17.20	3.06 -2.04 12.62	3.01 -2.01 12.49
BRANSCOMB___SOLAR 323811	30.36 0.90 -4.33	29.31 0.83 -4.63	29.01 0.79 -5.78	30.14 0.58 -13.04	31.14 0.68 -13.51	35.73 0.80 -15.79	46.17 1.26 -17.42	52.62 1.18 -25.24	46.33 1.17 -17.98	36.41 0.92 -11.80	30.10 0.99 -3.65	28.30 0.87 -2.54	28.96 0.77 -6.73	29.98 0.80 -7.47	30.04 0.88 -7.15	33.39 0.95 -7.99	41.62 1.16 -12.30	54.09 1.41 -20.65	46.68 1.29 -17.30	41.56 1.06 -15.21	35.96 1.06 -9.14	32.16 0.91 -7.42	31.39 0.67 -13.01	29.90 0.63 -11.75
BRENTWOD_69_KV_W. BRTWOOD 56703	42.19 2.09 -14.97	41.48 1.95 -15.68	40.33 1.84 -16.04	39.09 1.35 -21.22	39.08 1.39 -20.74	41.86 1.55 -21.17	47.65 2.47 -17.69	49.97 2.41 -21.36	44.31 2.58 -14.55	41.03 2.20 -15.14	35.92 2.42 -8.04	35.04 2.34 -7.82	33.66 2.00 -10.21	34.10 2.06 -10.32	36.68 2.14 -12.53	38.89 2.40 -12.06	51.34 2.68 -20.49	77.81 2.85 -42.92	60.69 2.16 -30.44	45.59 2.10 -18.21	45.01 2.40 -16.84	41.04 1.88 -15.33	38.77 1.59 -19.46	37.01 1.51 -17.98
BRISTLHL_115KV_TB1 79998	25.51 -0.25 -0.63	24.30 -0.21 -0.68	23.11 -0.18 -0.85	18.30 -0.13 -1.91	18.81 -0.12 -1.98	21.33 -0.11 -2.31	29.84 -0.19 -2.55	29.71 -0.18 -3.69	29.60 -0.22 -2.63	25.22 -0.19 -1.73	25.76 -0.23 -0.53	25.06 -0.20 -0.37	22.25 -0.19 -0.98	22.61 -0.20 -1.09	22.84 -0.22 -1.05	25.39 -0.22 -1.17	29.74 -0.23 -1.80	34.47 -0.19 -2.62	29.92 -0.25 -2.08	26.88 -0.20 -1.80	26.50 -0.15 -0.88	24.37 -0.10 -0.64	19.23 -0.05 -1.57	18.87 -0.04 -1.39
BROOKHAVEN___DRP 24191	42.04 1.93 -14.97	41.33 1.81 -15.68	40.21 1.73 -16.04	39.03 1.29 -21.22	39.02 1.32 -20.74	41.74 1.44 -21.17	47.54 2.36 -17.69	49.78 2.23 -21.36	44.04 2.31 -14.55	40.74 1.92 -15.14	35.64 2.14 -8.04	34.77 2.07 -7.82	33.42 1.76 -10.21	33.86 1.82 -10.32	36.46 1.92 -12.53	38.77 2.27 -12.06	51.37 2.70 -20.49	78.14 3.14 -42.96	61.37 2.72 -30.55	46.19 2.58 -18.32	45.12 2.47 -16.88	41.37 2.17 -15.36	38.70 1.52 -19.46	36.90 1.40 -17.98

BROOKLYN_NAVY_YARD 23515	30.11 1.48 -3.50	28.95 1.36 -3.75	28.40 1.28 -4.68	28.00 0.92 -10.55	28.83 0.95 -10.93	32.91 0.99 -12.77	43.25 1.68 -14.10	48.27 1.65 -20.42	43.66 1.93 -14.55	34.93 1.71 -9.55	30.29 1.88 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.46	40.20 2.08 -9.95	51.11 2.37 -16.70	44.05 1.97 -13.99	39.43 1.84 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.20 1.17 -9.51
BROOKLYN___ARMY_DRP 323595	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.36 1.33 -9.51
BROOKVLE_69_KV_TB1 55790	42.09 1.99 -14.97	41.38 1.86 -15.68	40.24 1.75 -16.04	39.03 1.29 -21.22	39.00 1.31 -20.74	41.76 1.45 -21.17	47.51 2.34 -17.69	49.84 2.28 -21.36	44.20 2.47 -14.55	41.00 2.18 -15.14	35.86 2.37 -8.04	35.02 2.31 -7.82	33.66 2.00 -10.21	34.05 2.02 -10.32	36.61 2.07 -12.53	38.82 2.32 -12.06	51.39 2.73 -20.49	78.07 3.11 -42.92	61.19 2.67 -30.43	45.96 2.48 -18.20	45.03 2.42 -16.84	41.28 2.12 -15.32	38.72 1.54 -19.46	36.95 1.45 -17.98
BROOME_2_LFGE 323671	26.93 0.28 -1.53	25.76 0.29 -1.64	24.80 0.31 -2.04	21.38 0.25 -4.61	22.00 0.27 -4.77	25.02 0.31 -5.58	34.11 0.47 -6.16	35.54 0.42 -8.92	33.89 0.35 -6.36	28.14 0.29 -4.17	27.03 0.28 -1.29	26.11 0.32 -0.90	24.08 0.24 -2.38	24.61 0.26 -2.64	24.83 0.29 -2.53	27.66 0.39 -2.83	33.02 0.51 -4.35	39.95 0.61 -7.30	34.74 0.53 -6.12	31.14 0.48 -5.38	29.49 0.49 -3.23	26.86 0.40 -2.62	22.63 0.32 -4.60	22.04 0.37 -4.15
BROOME___LFGE 323600	26.93 0.28 -1.53	25.76 0.29 -1.64	24.80 0.31 -2.04	21.38 0.25 -4.61	22.00 0.27 -4.77	25.02 0.31 -5.58	34.11 0.47 -6.16	35.54 0.42 -8.92	33.89 0.35 -6.36	28.14 0.29 -4.17	27.03 0.28 -1.29	26.11 0.32 -0.90	24.08 0.24 -2.38	24.61 0.26 -2.64	24.83 0.29 -2.53	27.66 0.39 -2.83	33.02 0.51 -4.35	39.95 0.61 -7.30	34.74 0.53 -6.12	31.14 0.48 -5.38	29.49 0.49 -3.23	26.86 0.40 -2.62	22.63 0.32 -4.60	22.04 0.37 -4.15
BROWNFLS_115KV_TB_3_5 80003	24.51 -0.85 -0.24	23.17 -0.93 -0.26	21.76 -1.01 -0.32	16.46 -0.79 -0.73	16.79 -0.92 -0.75	19.08 -0.94 -0.88	27.19 -1.26 -0.97	26.88 -0.73 -1.41	27.21 -0.98 -1.01	23.25 -1.09 -0.66	24.47 -1.20 -0.20	23.61 -1.42 -0.14	20.63 -1.20 -0.38	20.96 -1.17 -0.42	21.20 -1.21 -0.40	23.50 -1.39 -0.45	27.22 -1.63 -0.69	21.79 -1.92 8.32	16.69 -1.71 9.69	14.36 -1.62 9.30	13.97 -1.57 10.22	12.07 -1.57 10.19	9.19 -1.31 7.22	9.02 -1.31 7.18
BROWNSV1_27_KV_LOAD 356125	30.31 1.68 -3.50	29.14 1.55 -3.75	28.58 1.46 -4.68	28.13 1.06 -10.55	28.98 1.10 -10.93	33.06 1.15 -12.77	43.47 1.90 -14.10	48.48 1.86 -20.42	43.88 2.15 -14.55	35.15 1.92 -9.55	30.50 2.09 -2.95	28.99 2.04 -2.05	28.66 1.76 -5.45	29.55 1.80 -6.04	29.60 1.81 -5.78	32.91 2.00 -6.46	40.43 2.31 -9.95	51.37 2.63 -16.70	44.27 2.19 -13.99	39.66 2.07 -12.30	35.22 2.06 -7.39	31.62 1.79 -6.00	29.56 1.33 -10.52	28.29 1.26 -9.51
BURROWS___LYONSDAL 23803	25.64 0.25 -0.26	24.31 0.19 -0.28	22.93 0.13 -0.35	17.42 0.10 -0.80	17.86 0.08 -0.83	20.30 0.19 -0.97	28.96 0.41 -1.07	28.32 0.58 -1.55	28.69 0.41 -1.10	24.57 0.17 -0.72	25.81 0.13 -0.22	25.07 0.02 -0.16	21.89 0.02 -0.41	22.17 0.00 -0.46	22.50 0.04 -0.44	25.00 0.07 -0.49	29.15 0.23 -0.75	30.99 0.29 1.34	26.39 0.17 1.87	23.53 0.10 1.86	23.58 0.21 2.39	21.47 0.10 2.46	16.31 -0.02 1.39	16.05 -0.04 1.43
CAITHNESS_CC_1 323624	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.43 2.25 -17.69	49.68 2.12 -21.36	43.96 2.23 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.38 1.72 -10.21	33.81 1.78 -10.32	36.39 1.85 -12.53	38.70 2.20 -12.06	51.23 2.56 -20.49	77.99 2.98 -42.97	61.26 2.61 -30.55	46.06 2.45 -18.32	45.00 2.34 -16.88	41.27 2.07 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98
CALPINE_BETH_PAGE_GT4 24209	41.91 1.81 -14.97	41.22 1.69 -15.68	40.08 1.59 -16.04	38.91 1.17 -21.22	38.83 1.14 -20.74	41.55 1.24 -21.17	47.15 1.98 -17.69	49.49 1.94 -21.36	43.88 2.15 -14.55	40.72 1.89 -15.14	35.64 2.14 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.88 1.85 -10.32	36.41 1.87 -12.53	38.60 2.10 -12.06	50.97 2.31 -20.49	77.62 2.66 -42.92	60.77 2.25 -30.43	45.58 2.10 -18.20	44.67 2.06 -16.84	40.94 1.79 -15.32	38.56 1.38 -19.46	36.85 1.35 -17.98
CALPINE_BETH_PAGE_GT_4 323586	41.91 1.81 -14.97	41.22 1.69 -15.68	40.08 1.59 -16.04	38.91 1.17 -21.22	38.83 1.14 -20.74	41.55 1.24 -21.17	47.15 1.98 -17.69	49.49 1.94 -21.36	43.88 2.15 -14.55	40.72 1.90 -15.14	35.64 2.14 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.88 1.84 -10.32	36.41 1.87 -12.53	38.60 2.10 -12.06	50.97 2.31 -20.49	77.59 2.63 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.67 2.06 -16.84	40.94 1.79 -15.32	38.56 1.38 -19.46	36.85 1.35 -17.98
CALPINE_BP_GT1 23823	41.91 1.81 -14.97	41.22 1.69 -15.68	40.08 1.59 -16.04	38.91 1.17 -21.22	38.83 1.14 -20.74	41.55 1.24 -21.17	47.15 1.98 -17.69	49.49 1.94 -21.36	43.88 2.15 -14.55	40.72 1.90 -15.14	35.64 2.14 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.88 1.84 -10.32	36.41 1.87 -12.53	38.60 2.10 -12.06	50.97 2.31 -20.49	77.59 2.63 -42.92	60.77 2.25 -30.43	45.56 2.07 -18.20	44.67 2.06 -16.84	40.94 1.79 -15.32	38.56 1.38 -19.46	36.85 1.35 -17.98
CALSPAN___DRP 24200	25.47 -0.60 -0.95	24.35 -0.50 -1.01	23.33 -0.38 -1.26	19.19 -0.18 -2.85	19.80 -0.10 -2.95	22.34 -0.25 -3.45	30.71 -0.58 -3.81	30.91 -0.86 -5.57	30.09 -1.06 -3.97	25.50 -0.78 -2.61	25.47 -0.79 -0.81	24.90 -0.55 -0.56	22.41 -0.54 -1.49	22.80 -0.56 -1.65	23.17 -0.42 -1.58	25.74 -0.46 -1.76	30.35 -0.54 -2.71	35.76 -0.83 -4.56	31.38 -0.53 -3.82	28.16 -0.48 -3.36	27.27 -0.52 -2.02	24.99 -0.48 -1.64	20.41 -0.18 -2.87	20.22 0.14 -2.57
CALVERTON___SOLAR 323806	42.13 2.03 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.82 1.51 -21.17	47.65 2.47 -17.69	49.91 2.36 -21.36	44.15 2.42 -14.55	40.83 2.01 -15.14	35.71 2.21 -8.04	34.85 2.14 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.52 1.98 -12.53	38.89 2.40 -12.06	51.51 2.84 -20.49	78.31 3.30 -42.97	61.56 2.92 -30.55	46.34 2.73 -18.32	45.25 2.60 -16.88	41.46 2.27 -15.36	38.77 1.59 -19.46	37.02 1.52 -17.98
CANDIGU_WT_PWR 323617	26.21 -0.08 -1.16	25.06 -0.02 -1.24	24.04 0.04 -1.55	20.10 0.08 -3.49	20.69 0.12 -3.62	23.46 0.10 -4.23	32.12 -0.03 -4.67	32.80 -0.18 -6.78	31.64 -0.38 -4.83	26.54 -0.31 -3.17	26.13 -0.30 -0.98	25.40 -0.17 -0.68	23.05 -0.21 -1.81	23.50 -0.22 -2.01	23.83 -0.11 -1.92	26.52 -0.07 -2.15	31.45 -0.03 -3.31	37.40 -0.19 -5.55	32.71 -0.03 -4.65	29.38 0.00 -4.09	28.15 -0.08 -2.46	25.73 -0.09 -1.99	21.23 0.02 -3.50	20.86 0.19 -3.15

CARR STREET_E__SYR 24060	25.68 -0.13 -0.68	24.47 -0.09 -0.73	23.29 -0.07 -0.91	18.52 -0.05 -2.05	19.06 -0.02 -2.12	21.62 0.00 -2.48	30.19 -0.03 -2.74	30.14 -0.03 -3.97	29.93 -0.08 -2.83	25.49 -0.05 -1.85	25.96 -0.08 -0.57	25.24 -0.05 -0.40	22.45 -0.06 -1.06	22.82 -0.06 -1.17	23.05 -0.09 -1.12	25.62 -0.07 -1.26	30.04 -0.06 -1.93	34.95 0.00 -2.91	30.34 -0.03 -2.28	27.28 0.00 -1.99	26.82 0.00 -1.06	24.65 0.02 -0.79	19.51 0.04 -1.76	19.16 0.07 -1.57
CARTHAGE__PAPER 23857	25.35 -0.17 -0.40	24.03 -0.24 -0.43	22.69 -0.29 -0.54	17.52 -0.22 -1.21	17.95 -0.25 -1.26	20.45 -0.15 -1.47	29.07 -0.03 -1.62	28.81 0.26 -2.35	28.77 -0.08 -1.67	24.42 -0.35 -1.10	25.34 -0.46 -0.34	24.55 -0.57 -0.24	21.57 -0.52 -0.63	21.91 -0.50 -0.69	22.19 -0.48 -0.66	24.72 -0.47 -0.74	28.97 -0.34 -1.14	29.77 -0.29 1.98	25.12 -0.20 2.78	22.30 -0.23 2.76	22.00 -0.21 3.57	19.83 -0.33 3.67	15.27 -0.39 2.06	14.98 -0.40 2.13
CASSADAGA_WT_PWR 323784	25.93 -0.17 -0.97	24.72 -0.17 -1.04	23.61 -0.13 -1.30	19.44 -0.02 -2.93	20.01 0.02 -3.04	22.61 -0.08 -3.55	31.10 -0.30 -3.92	31.38 -0.55 -5.73	30.56 -0.71 -4.08	25.84 -0.52 -2.68	25.85 -0.43 -0.83	25.27 -0.20 -0.58	22.77 -0.21 -1.53	23.15 -0.26 -1.70	23.57 -0.07 -1.62	26.21 -0.05 -1.81	30.99 0.03 -2.79	36.41 -0.32 -4.69	31.77 -0.25 -3.93	28.44 -0.30 -3.45	27.46 -0.39 -2.07	25.14 -0.38 -1.68	20.56 -0.11 -2.95	20.32 0.16 -2.64
CE_DUNWOOD__DRP 24194	30.01 1.38 -3.50	28.87 1.29 -3.74	28.35 1.23 -4.67	27.95 0.89 -10.54	28.79 0.92 -10.92	32.87 0.98 -12.76	43.16 1.59 -14.08	48.17 1.57 -20.39	43.48 1.77 -14.53	34.78 1.56 -9.54	30.11 1.71 -2.95	28.61 1.67 -2.05	28.34 1.44 -5.44	29.22 1.48 -6.03	29.29 1.50 -5.78	32.56 1.66 -6.46	40.02 1.92 -9.94	50.93 2.21 -16.68	43.89 1.83 -13.98	39.30 1.72 -12.29	34.85 1.70 -7.38	31.31 1.48 -6.00	29.29 1.06 -10.51	28.01 1.00 -9.50
CE_MILLWOOD__DRP 24193	29.95 1.33 -3.49	28.81 1.24 -3.73	28.29 1.19 -4.66	27.91 0.88 -10.51	28.72 0.88 -10.89	32.82 0.96 -12.72	43.06 1.54 -14.04	48.06 1.52 -20.34	43.36 1.69 -14.49	34.68 1.49 -9.51	30.03 1.63 -2.94	28.53 1.59 -2.05	28.26 1.37 -5.42	29.12 1.39 -6.02	29.21 1.43 -5.76	32.47 1.59 -6.44	39.91 1.83 -9.91	50.79 2.11 -16.64	43.80 1.77 -13.94	39.19 1.64 -12.26	34.78 1.65 -7.36	31.22 1.41 -5.98	29.21 1.01 -10.48	27.95 0.96 -9.47
CE_NYC2_DRP 24202	30.29 1.66 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.08 -10.94	32.98 1.07 -12.77	43.23 1.65 -14.10	48.22 1.60 -20.42	43.63 1.90 -14.55	34.98 1.75 -9.55	30.34 1.93 -2.95	28.84 1.89 -2.05	28.56 1.65 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.08 2.34 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.46 1.62 -6.00	29.54 1.29 -10.53	28.26 1.23 -9.51
CE_NYC_DRP 24195	30.11 1.48 -3.50	28.97 1.38 -3.75	28.42 1.30 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.94 1.03 -12.77	43.01 1.70 -13.82	47.96 1.68 -20.08	43.44 1.93 -14.33	34.96 1.73 -9.55	30.32 1.91 -2.95	28.79 1.84 -2.05	28.51 1.61 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.74 1.83 -6.46	40.20 2.08 -9.95	51.02 2.37 -16.61	44.02 1.94 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
CHAFFEE__LFGE 323603	25.48 -0.60 -0.96	24.39 -0.48 -1.03	23.35 -0.38 -1.28	19.25 -0.17 -2.89	19.85 -0.10 -3.00	22.41 -0.23 -3.50	30.83 -0.52 -3.87	31.07 -0.79 -5.66	30.24 -0.98 -4.03	25.59 -0.73 -2.65	25.54 -0.74 -0.82	24.93 -0.52 -0.57	22.45 -0.52 -1.51	22.82 -0.56 -1.67	23.22 -0.40 -1.60	25.79 -0.44 -1.79	30.45 -0.48 -2.76	35.93 -0.74 -4.63	31.52 -0.45 -3.88	28.29 -0.41 -3.41	27.35 -0.46 -2.05	25.07 -0.43 -1.66	20.47 -0.16 -2.92	20.21 0.09 -2.61
CHATEAUG_35_KV_LOAD 355732	23.91 -1.36 -0.14	22.46 -1.53 -0.15	20.91 -1.73 -0.19	15.54 -1.40 -0.42	15.73 -1.66 -0.44	17.81 -1.84 -0.51	25.38 -2.67 -0.57	24.97 -2.04 -0.82	25.59 -2.17 -0.58	21.93 -2.13 -0.38	23.39 -2.19 -0.12	22.46 -2.51 -0.08	19.55 -2.12 -0.22	19.85 -2.11 -0.24	19.96 -2.29 -0.23	21.91 -2.79 -0.26	24.88 -3.69 -0.40	11.23 -4.68 16.13	0.69 -4.19 23.22	0.96 -3.84 20.48	3.30 -3.74 18.73	1.70 -3.57 18.56	1.20 -2.85 13.66	1.23 -2.77 13.52
CHATEAUG_WT_PWR 323614	23.86 -1.41 -0.14	22.44 -1.55 -0.15	20.88 -1.75 -0.18	15.51 -1.42 -0.41	15.70 -1.68 -0.43	17.80 -1.84 -0.50	25.34 -2.69 -0.55	24.92 -2.07 -0.79	25.55 -2.20 -0.57	21.92 -2.13 -0.37	23.38 -2.19 -0.11	22.46 -2.51 -0.08	19.55 -2.12 -0.21	19.84 -2.11 -0.23	19.95 -2.29 -0.22	21.91 -2.79 -0.25	24.84 -3.72 -0.39	10.83 -4.74 16.47	0.51 -4.24 23.34	0.69 -3.92 20.68	2.90 -3.76 19.10	1.31 -3.60 18.92	0.88 -2.89 13.94	0.96 -2.77 13.79
CHAT_HIGH_FALL_HYD 323578	23.91 -1.36 -0.14	22.46 -1.53 -0.15	20.91 -1.73 -0.19	15.54 -1.40 -0.42	15.73 -1.66 -0.44	17.81 -1.84 -0.51	25.38 -2.67 -0.57	24.97 -2.04 -0.82	25.59 -2.18 -0.58	21.93 -2.13 -0.38	23.39 -2.19 -0.12	22.46 -2.51 -0.08	19.55 -2.12 -0.22	19.85 -2.11 -0.24	19.96 -2.29 -0.23	21.91 -2.79 -0.26	24.88 -3.69 -0.40	11.23 -4.68 16.13	0.69 -4.19 23.22	0.94 -3.87 20.48	3.30 -3.74 18.73	1.70 -3.58 18.56	1.20 -2.85 13.66	1.25 -2.75 13.52
CHAUTAUQUA__LFGE 323629	25.79 -0.30 -0.97	24.63 -0.24 -1.03	23.60 -0.13 -1.29	19.42 -0.02 -2.91	20.02 0.05 -3.02	22.61 -0.06 -3.52	31.07 -0.30 -3.89	31.34 -0.55 -5.69	30.50 -0.73 -4.05	25.82 -0.52 -2.66	25.77 -0.51 -0.82	25.21 -0.25 -0.57	22.72 -0.26 -1.52	23.09 -0.30 -1.68	23.49 -0.13 -1.61	26.12 -0.12 -1.80	30.83 -0.11 -2.77	36.31 -0.38 -4.65	31.80 -0.20 -3.90	28.51 -0.20 -3.43	27.55 -0.28 -2.06	25.24 -0.26 -1.67	20.61 -0.04 -2.93	20.37 0.23 -2.62
CHERRYST_13_KV_LD 356241	30.19 1.56 -3.50	29.02 1.43 -3.75	28.49 1.37 -4.68	28.06 0.99 -10.55	28.90 1.02 -10.93	32.98 1.07 -12.77	43.09 1.79 -13.82	48.04 1.76 -20.08	43.55 2.04 -14.33	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.58 1.67 -5.45	29.47 1.72 -6.04	29.54 1.74 -5.78	32.81 1.91 -6.46	40.31 2.20 -9.95	51.15 2.50 -16.61	44.11 2.02 -13.99	39.54 1.95 -12.30	35.07 1.91 -7.39	31.48 1.64 -6.00	29.48 1.24 -10.52	28.20 1.17 -9.51
CHESTROR_138KV_BK263 355645	29.50 1.08 -3.29	28.39 1.03 -3.52	27.83 0.99 -4.39	27.16 0.73 -9.91	27.97 0.75 -10.27	31.93 0.78 -12.01	42.00 1.26 -13.25	46.60 1.21 -19.19	42.16 1.30 -13.67	33.81 1.16 -8.98	29.48 1.25 -2.77	28.04 1.22 -1.93	27.61 1.03 -5.12	28.45 1.06 -5.68	28.55 1.10 -5.44	31.76 1.25 -6.08	38.98 1.46 -9.35	49.47 1.73 -15.70	42.70 1.46 -13.15	38.19 1.34 -11.56	34.06 1.34 -6.95	30.62 1.14 -5.64	28.42 0.81 -9.89	27.22 0.77 -8.93
CH_MIDHUDSON__DRP 24192	30.04 1.33 -3.58	28.91 1.24 -3.83	28.39 1.17 -4.78	28.18 0.88 -10.79	29.01 0.88 -11.18	33.14 0.94 -13.06	43.38 1.48 -14.41	48.47 1.39 -20.88	43.61 1.55 -14.88	34.79 1.35 -9.76	29.90 1.43 -3.02	28.36 1.37 -2.10	28.21 1.18 -5.57	29.08 1.19 -6.18	29.18 1.25 -5.91	32.47 1.42 -6.61	40.00 1.66 -10.17	51.10 1.99 -17.08	44.08 1.69 -14.31	39.41 1.54 -12.58	34.87 1.55 -7.56	31.31 1.33 -6.14	29.41 0.94 -10.76	28.11 0.88 -9.72

CH_MISC_IPPS 23765	30.11 1.46 -3.53	28.97 1.36 -3.78	28.46 1.30 -4.71	28.11 0.96 -10.63	28.95 0.98 -11.01	33.02 1.01 -12.87	43.31 1.62 -14.20	48.29 1.52 -20.57	43.50 1.66 -14.66	34.77 1.47 -9.62	29.96 1.53 -2.97	28.40 1.44 -2.07	28.19 1.24 -5.49	29.08 1.28 -6.09	29.16 1.32 -5.83	32.45 1.49 -6.51	39.97 1.78 -10.02	51.05 2.18 -16.83	44.04 1.85 -14.10	39.35 1.67 -12.40	34.89 1.67 -7.45	31.33 1.45 -6.05	29.31 0.99 -10.60	28.06 0.96 -9.58
CH_RES_BVR_FALLS 23983	24.29 -0.93 -0.09	22.91 -1.02 -0.10	21.47 -1.10 -0.12	15.92 -0.88 -0.28	16.22 -1.02 -0.29	18.30 -1.17 -0.33	26.12 -1.73 -0.37	25.26 -1.47 -0.53	26.01 -1.55 -0.38	22.51 -1.42 -0.25	24.09 -1.45 -0.08	23.38 -1.57 -0.05	20.29 -1.31 -0.14	20.57 -1.30 -0.16	20.78 -1.39 -0.15	22.97 -1.64 -0.17	26.37 -2.06 -0.26	9.57 -2.56 19.90	-0.85 -2.22 26.73	-0.78 -2.02 24.04	0.86 -2.06 22.84	-0.70 -1.93 22.60	-0.53 -1.47 16.78	-0.53 -1.47 16.57
CH_RES_NIAGARA 23895	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.19 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.23 -1.06 -1.58	22.62 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.47 -1.04 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.79 -0.19 -2.46
CH_RES_SYRACUSE 23985	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.09 -2.26	21.89 0.12 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.10 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.41 0.23 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.16 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
CLINTON_WT_PWR 323605	23.86 -1.41 -0.14	22.44 -1.55 -0.15	20.88 -1.75 -0.18	15.51 -1.42 -0.41	15.70 -1.68 -0.43	17.80 -1.84 -0.50	25.34 -2.69 -0.55	24.92 -2.07 -0.79	25.55 -2.20 -0.57	21.92 -2.13 -0.37	23.38 -2.19 -0.11	22.46 -2.51 -0.08	19.55 -2.12 -0.21	19.84 -2.11 -0.23	19.95 -2.29 -0.22	21.91 -2.79 -0.25	24.84 -3.72 -0.39	10.83 -4.74 16.47	0.51 -4.24 23.34	0.69 -3.92 20.68	2.90 -3.76 19.10	1.31 -3.60 18.92	0.88 -2.89 13.94	0.96 -2.77 13.79
CLINTON__LFGE 323618	24.08 -1.18 -0.14	22.63 -1.36 -0.15	21.06 -1.57 -0.18	15.65 -1.29 -0.41	15.84 -1.54 -0.43	17.97 -1.67 -0.50	25.62 -2.42 -0.55	25.22 -1.78 -0.80	25.85 -1.90 -0.57	22.14 -1.92 -0.37	23.61 -1.96 -0.12	22.63 -2.34 -0.08	19.70 -1.97 -0.21	20.02 -1.93 -0.24	20.13 -2.11 -0.23	22.13 -2.57 -0.25	25.15 -3.41 -0.39	11.30 -4.36 16.38	0.88 -3.90 23.31	1.04 -3.62 20.63	3.36 -3.40 19.01	1.74 -3.26 18.83	1.19 -2.66 13.87	1.24 -2.56 13.72
COBBLENY_34_KV_TB1 80064	25.48 -0.60 -0.96	24.39 -0.48 -1.03	23.35 -0.38 -1.28	19.25 -0.17 -2.89	19.85 -0.10 -3.00	22.41 -0.23 -3.50	30.83 -0.52 -3.87	31.07 -0.79 -5.66	30.23 -0.98 -4.03	25.59 -0.73 -2.65	25.54 -0.74 -0.82	24.94 -0.52 -0.57	22.45 -0.52 -1.51	22.84 -0.54 -1.67	23.22 -0.40 -1.60	25.79 -0.44 -1.79	30.45 -0.48 -2.76	35.93 -0.74 -4.63	31.52 -0.45 -3.88	28.29 -0.40 -3.41	27.35 -0.46 -2.05	25.07 -0.43 -1.66	20.47 -0.16 -2.92	20.25 0.12 -2.61
COFFEEN__115KV_TB3 355620	25.88 0.28 -0.47	24.58 0.24 -0.51	23.26 0.18 -0.63	18.12 0.17 -1.43	18.60 0.17 -1.48	21.21 0.34 -1.73	30.11 0.71 -1.91	29.85 0.89 -2.76	29.61 0.46 -1.97	25.02 0.05 -1.29	25.83 -0.03 -0.40	25.04 -0.12 -0.28	22.07 -0.13 -0.74	22.42 -0.11 -0.82	22.73 -0.07 -0.78	25.34 0.02 -0.88	29.91 0.39 -1.35	32.13 0.67 0.58	27.49 0.70 1.30	24.49 0.58 1.38	24.14 0.59 2.22	21.87 0.41 2.37	16.91 0.16 0.96	16.58 0.12 1.06
COLDSPRG_115KV_BK1 355956	26.09 -0.03 -0.98	24.94 0.05 -1.05	23.87 0.11 -1.32	19.67 0.18 -2.97	20.28 0.25 -3.08	22.94 0.21 -3.59	31.61 0.16 -3.97	31.97 -0.03 -5.80	31.07 -0.24 -4.13	26.20 -0.19 -2.71	26.14 -0.15 -0.84	25.55 0.07 -0.58	22.98 -0.02 -1.55	23.36 -0.07 -1.72	23.77 0.11 -1.64	26.42 0.15 -1.84	31.27 0.28 -2.82	36.84 0.06 -4.74	32.21 0.14 -3.97	28.83 0.05 -3.49	27.89 0.03 -2.10	25.51 -0.02 -1.70	20.83 0.12 -2.99	20.58 0.39 -2.67
COLONIE_LFGE__ 323577	30.06 0.65 -4.28	29.06 0.64 -4.58	28.74 0.58 -5.71	29.86 0.45 -12.89	30.78 0.47 -13.36	35.30 0.56 -15.61	45.56 0.85 -17.22	51.96 0.94 -24.95	45.83 0.87 -17.78	36.08 0.73 -11.67	29.85 0.79 -3.61	28.17 0.77 -2.51	28.78 0.67 -6.65	29.77 0.67 -7.38	29.83 0.75 -7.07	33.15 0.81 -7.90	41.28 0.96 -12.16	53.54 1.09 -20.41	46.17 0.98 -17.10	41.18 0.86 -15.03	35.65 0.85 -9.03	31.93 0.76 -7.34	31.10 0.53 -12.86	29.59 0.45 -11.62
COOPERNY_115KV_TB1 80082	28.73 0.83 -2.77	27.57 0.76 -2.97	26.89 0.74 -3.70	25.44 0.56 -8.35	26.17 0.56 -8.65	29.86 0.61 -10.11	39.60 0.96 -11.16	43.31 0.94 -16.17	39.71 1.01 -11.52	32.14 0.90 -7.56	28.76 0.97 -2.34	27.46 0.95 -1.63	26.56 0.79 -4.31	27.30 0.80 -4.78	27.45 0.86 -4.58	30.54 0.98 -5.12	37.17 1.13 -7.88	46.58 1.31 -13.22	40.27 1.10 -11.08	36.06 1.04 -9.74	32.65 1.03 -5.85	29.47 0.88 -4.75	26.68 0.64 -8.33	25.66 0.61 -7.53
COPENHAGEN_WT_PWR 323753	25.66 0.05 -0.48	24.41 0.05 -0.52	23.09 0.00 -0.65	18.00 0.02 -1.46	18.48 0.02 -1.51	21.06 0.15 -1.77	29.85 0.41 -1.95	29.57 0.55 -2.82	29.39 0.19 -2.01	24.88 -0.12 -1.32	25.66 -0.20 -0.41	24.90 -0.27 -0.28	21.96 -0.26 -0.75	22.31 -0.24 -0.84	22.59 -0.22 -0.80	25.19 -0.15 -0.89	29.66 0.11 -1.38	31.98 0.32 0.38	27.37 0.36 1.09	24.38 0.28 1.18	24.03 0.28 2.03	21.82 0.17 2.18	16.91 0.00 0.80	16.59 -0.02 0.91
CORNELL____ 23752	26.93 0.65 -1.15	25.71 0.64 -1.23	24.61 0.63 -1.53	20.44 0.46 -3.46	21.04 0.51 -3.58	23.94 0.61 -4.19	33.07 0.96 -4.62	33.87 0.97 -6.70	32.80 0.84 -4.77	27.45 0.64 -3.13	27.01 0.59 -0.97	26.11 0.55 -0.67	23.67 0.43 -1.79	24.15 0.46 -1.98	24.42 0.51 -1.90	27.25 0.68 -2.12	32.36 0.93 -3.26	38.67 1.15 -5.48	33.69 1.01 -4.59	30.23 0.91 -4.04	29.12 0.93 -2.42	26.61 0.81 -1.97	21.77 0.60 -3.45	21.25 0.61 -3.12
CORONAAV_69_KV_TB1 355595	42.06 1.96 -14.97	41.33 1.81 -15.68	40.21 1.73 -16.04	39.01 1.27 -21.22	39.00 1.31 -20.74	41.72 1.42 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.12 2.39 -14.55	40.93 2.11 -15.14	35.76 2.27 -8.04	34.95 2.24 -7.82	33.60 1.93 -10.21	33.99 1.95 -10.32	36.52 1.98 -12.53	38.72 2.22 -12.06	51.23 2.56 -20.49	77.94 2.98 -42.92	61.05 2.53 -30.43	45.81 2.33 -18.20	44.93 2.32 -16.84	41.20 2.05 -15.32	38.70 1.52 -19.46	36.94 1.44 -17.98
CORTLAND_115KV_TB3 80093	26.52 0.40 -0.99	25.30 0.41 -1.06	24.17 0.40 -1.32	19.79 0.30 -2.97	20.35 0.32 -3.08	23.14 0.40 -3.60	32.09 0.63 -3.97	32.58 0.63 -5.75	31.83 0.54 -4.10	26.77 0.40 -2.69	26.67 0.38 -0.83	25.87 0.40 -0.58	23.29 0.30 -1.53	23.74 0.33 -1.70	23.97 0.33 -1.63	26.70 0.44 -1.82	31.56 0.59 -2.80	37.22 0.77 -4.41	32.30 0.65 -3.56	28.99 0.58 -3.12	28.11 0.59 -1.75	25.72 0.52 -1.36	20.82 0.39 -2.72	20.36 0.40 -2.44

COXSACKIE___GT 23611	30.79 1.63 -4.03	29.61 1.45 -4.32	29.15 1.32 -5.38	29.66 0.99 -12.14	30.65 1.12 -12.58	34.95 1.11 -14.70	45.60 1.89 -16.23	51.30 1.60 -23.50	45.51 1.58 -16.75	35.74 1.07 -10.99	29.80 0.94 -3.40	28.05 0.80 -2.37	28.43 0.71 -6.27	29.34 0.67 -6.95	29.49 0.82 -6.66	32.96 1.07 -7.44	41.25 1.63 -11.45	53.67 2.40 -19.23	46.42 2.22 -16.11	41.25 1.80 -14.16	36.13 1.86 -8.51	32.36 1.62 -6.91	30.84 1.01 -12.11	29.35 0.89 -10.94
CPV_VALLEY___CC1 323721	29.11 0.88 -3.10	27.99 0.83 -3.32	27.40 0.81 -4.14	26.46 0.59 -9.35	27.25 0.61 -9.69	31.11 0.65 -11.32	41.02 1.04 -12.49	45.29 1.00 -18.09	41.19 1.11 -12.89	33.14 0.99 -8.46	29.14 1.07 -2.61	27.76 1.05 -1.82	27.19 0.90 -4.83	27.98 0.91 -5.35	28.08 0.95 -5.12	31.24 1.07 -5.73	38.22 1.24 -8.81	48.31 1.47 -14.80	41.70 1.21 -12.40	37.30 1.11 -10.90	33.45 1.13 -6.55	30.13 0.98 -5.32	27.73 0.69 -9.32	26.62 0.68 -8.42
CPV_VALLEY___CC2 323722	29.11 0.88 -3.10	27.99 0.83 -3.32	27.40 0.81 -4.14	26.46 0.59 -9.35	27.25 0.61 -9.69	31.11 0.65 -11.32	41.02 1.04 -12.49	45.29 1.00 -18.09	41.19 1.11 -12.89	33.14 0.99 -8.46	29.14 1.07 -2.61	27.76 1.05 -1.82	27.19 0.90 -4.83	27.98 0.91 -5.35	28.08 0.95 -5.12	31.24 1.07 -5.73	38.22 1.24 -8.81	48.31 1.47 -14.80	41.70 1.21 -12.40	37.30 1.11 -10.90	33.45 1.13 -6.55	30.13 0.98 -5.32	27.73 0.69 -9.32	26.62 0.68 -8.42
CRESCENT___HYD 24018	30.06 0.65 -4.28	29.06 0.64 -4.58	28.74 0.58 -5.71	29.86 0.45 -12.89	30.78 0.47 -13.36	35.30 0.56 -15.61	45.56 0.85 -17.22	51.96 0.81 -24.95	45.83 0.87 -17.78	36.08 0.73 -11.67	29.85 0.79 -3.61	28.17 0.77 -2.51	28.78 0.67 -6.65	29.77 0.67 -7.38	29.83 0.75 -7.07	33.15 0.81 -7.90	41.28 0.96 -12.16	53.54 1.09 -20.41	46.17 0.98 -17.10	41.18 0.86 -15.03	35.65 0.85 -9.03	31.93 0.76 -7.34	31.10 0.53 -12.86	29.59 0.45 -11.62
CRICKET___VALLEY_CC1 323756	29.74 0.93 -3.69	28.69 0.91 -3.95	28.24 0.87 -4.92	28.27 0.64 -11.11	29.09 0.63 -11.51	33.29 0.71 -13.45	43.37 1.04 -14.84	48.69 1.00 -21.50	43.61 1.11 -15.32	34.75 1.02 -10.05	29.66 1.09 -3.11	28.15 1.09 -2.16	28.13 0.94 -5.73	29.03 0.95 -6.36	29.09 0.99 -6.09	32.37 1.12 -6.81	39.91 1.27 -10.47	51.03 1.41 -17.58	44.03 1.21 -14.73	39.38 1.14 -12.95	34.68 1.13 -7.78	31.15 1.00 -6.32	29.48 0.69 -11.08	28.21 0.68 -10.01
CRICKET___VALLEY_CC2 323757	29.74 0.93 -3.69	28.69 0.91 -3.95	28.24 0.87 -4.92	28.27 0.64 -11.11	29.09 0.63 -11.51	33.29 0.71 -13.45	43.37 1.04 -14.84	48.69 1.00 -21.50	43.61 1.11 -15.32	34.75 1.02 -10.05	29.66 1.09 -3.11	28.15 1.09 -2.16	28.13 0.94 -5.73	29.03 0.95 -6.36	29.09 0.99 -6.09	32.37 1.12 -6.81	39.91 1.27 -10.47	51.03 1.41 -17.58	44.03 1.21 -14.73	39.38 1.14 -12.95	34.68 1.13 -7.78	31.15 1.00 -6.32	29.48 0.69 -11.08	28.21 0.68 -10.01
CRICKET___VALLEY_CC3 323758	29.74 0.93 -3.69	28.69 0.91 -3.95	28.24 0.87 -4.92	28.27 0.64 -11.11	29.09 0.63 -11.51	33.29 0.71 -13.45	43.37 1.04 -14.84	48.69 1.00 -21.50	43.61 1.11 -15.32	34.75 1.02 -10.05	29.66 1.09 -3.11	28.15 1.09 -2.16	28.13 0.94 -5.73	29.03 0.95 -6.36	29.09 0.99 -6.09	32.37 1.12 -6.81	39.91 1.27 -10.47	51.03 1.41 -17.58	44.03 1.21 -14.73	39.38 1.14 -12.95	34.68 1.13 -7.78	31.15 1.00 -6.32	29.48 0.69 -11.08	28.21 0.68 -10.01
CRUCIBLE_METL_DRP 24180	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.08 -2.26	21.89 0.11 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.09 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.40 0.22 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.15 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
DAHOWA___HYDRO 323763	30.42 0.95 -4.34	29.37 0.88 -4.64	29.04 0.81 -5.79	30.20 0.61 -13.07	31.22 0.73 -13.54	35.80 0.84 -15.82	46.32 1.37 -17.46	52.77 1.28 -25.29	46.45 1.25 -18.02	36.48 0.97 -11.83	30.16 1.04 -3.65	28.33 0.89 -2.55	29.00 0.79 -6.74	30.04 0.85 -7.48	30.08 0.90 -7.16	33.43 0.98 -8.01	41.67 1.18 -12.32	54.20 1.47 -20.69	46.77 1.35 -17.33	41.64 1.11 -15.24	36.01 1.08 -9.16	32.17 0.91 -7.44	31.46 0.71 -13.03	29.94 0.65 -11.78
DANC___LFGE 323619	25.57 -0.10 -0.54	24.32 -0.09 -0.58	23.06 -0.11 -0.72	18.09 -0.07 -1.63	18.57 -0.07 -1.69	21.13 0.02 -1.97	29.80 0.14 -2.18	29.56 0.21 -3.15	29.40 -0.03 -2.25	24.94 -0.21 -1.48	25.66 -0.25 -0.46	24.91 -0.30 -0.32	22.02 -0.28 -0.84	22.38 -0.26 -0.93	22.64 -0.26 -0.89	25.22 -0.22 -1.00	29.65 -0.06 -1.54	32.79 0.03 -0.72	28.28 0.11 -0.07	25.27 0.08 0.09	24.86 0.05 0.96	22.71 0.02 1.15	17.73 -0.05 -0.07	17.38 -0.07 0.07
DANSKAMMER___1 23586	30.11 1.46 -3.53	28.97 1.36 -3.78	28.46 1.30 -4.71	28.11 0.96 -10.63	28.95 0.98 -11.01	33.02 1.01 -12.87	43.31 1.62 -14.20	48.29 1.52 -20.57	43.50 1.66 -14.66	34.77 1.47 -9.62	29.96 1.53 -2.97	28.40 1.44 -2.07	28.19 1.24 -5.49	29.08 1.28 -6.09	29.16 1.32 -5.83	32.45 1.49 -6.51	39.97 1.78 -10.02	51.05 2.18 -16.83	44.04 1.85 -14.10	39.35 1.67 -12.40	34.89 1.67 -7.45	31.33 1.45 -6.05	29.31 0.99 -10.60	28.06 0.96 -9.58
DANSKAMMER___2 23589	30.11 1.46 -3.53	28.97 1.36 -3.78	28.46 1.30 -4.71	28.11 0.96 -10.63	28.95 0.98 -11.01	33.02 1.01 -12.87	43.31 1.62 -14.20	48.29 1.52 -20.57	43.50 1.66 -14.66	34.77 1.47 -9.62	29.96 1.53 -2.97	28.40 1.44 -2.07	28.19 1.24 -5.49	29.08 1.28 -6.09	29.16 1.32 -5.83	32.45 1.49 -6.51	39.97 1.78 -10.02	51.05 2.18 -16.83	44.04 1.85 -14.10	39.35 1.67 -12.40	34.89 1.67 -7.45	31.33 1.45 -6.05	29.31 0.99 -10.60	28.06 0.96 -9.58
DANSKAMMER___3 23590	30.11 1.46 -3.53	28.97 1.36 -3.78	28.46 1.30 -4.71	28.11 0.96 -10.63	28.95 0.98 -11.01	33.02 1.01 -12.87	43.31 1.62 -14.20	48.29 1.52 -20.57	43.50 1.66 -14.66	34.77 1.47 -9.62	29.96 1.53 -2.97	28.40 1.44 -2.07	28.19 1.24 -5.49	29.08 1.28 -6.09	29.16 1.32 -5.83	32.45 1.49 -6.51	39.97 1.78 -10.02	51.05 2.18 -16.83	44.04 1.85 -14.10	39.35 1.67 -12.40	34.89 1.67 -7.45	31.33 1.45 -6.05	29.31 0.99 -10.60	28.06 0.96 -9.58
DANSKAMMER___4 23591	30.11 1.46 -3.53	28.97 1.36 -3.78	28.46 1.30 -4.71	28.11 0.96 -10.63	28.95 0.98 -11.01	33.02 1.01 -12.87	43.31 1.62 -14.20	48.29 1.52 -20.57	43.50 1.66 -14.66	34.77 1.47 -9.62	29.96 1.53 -2.97	28.40 1.44 -2.07	28.19 1.24 -5.49	29.08 1.28 -6.09	29.16 1.32 -5.83	32.45 1.49 -6.51	39.97 1.78 -10.02	51.05 2.18 -16.83	44.04 1.85 -14.10	39.35 1.67 -12.40	34.89 1.67 -7.45	31.33 1.45 -6.05	29.31 0.99 -10.60	28.06 0.96 -9.58
DANSKAMMER___DIESEL 23592	30.11 1.46 -3.53	28.97 1.36 -3.78	28.46 1.30 -4.71	28.11 0.96 -10.63	28.95 0.98 -11.01	33.02 1.01 -12.87	43.31 1.62 -14.20	48.29 1.52 -20.57	43.50 1.66 -14.66	34.77 1.47 -9.62	29.96 1.53 -2.97	28.40 1.44 -2.07	28.19 1.24 -5.49	29.06 1.26 -6.09	29.16 1.32 -5.83	32.45 1.49 -6.51	39.97 1.77 -10.02	51.04 2.18 -16.83	44.04 1.85 -14.10	39.35 1.67 -12.40	34.89 1.67 -7.45	31.33 1.45 -6.05	29.31 0.99 -10.60	28.04 0.95 -9.58

DARBY___SOLAR 323810	30.36 0.90 -4.33	29.31 0.83 -4.63	28.99 0.76 -5.78	30.14 0.58 -13.04	31.14 0.68 -13.51	35.73 0.80 -15.79	46.17 1.26 -17.43	52.65 1.21 -25.24	46.36 1.19 -17.99	36.43 0.95 -11.81	30.13 1.02 -3.65	28.32 0.89 -2.54	28.99 0.79 -6.73	30.00 0.82 -7.47	30.04 0.88 -7.15	33.39 0.95 -7.99	41.62 1.16 -12.30	54.09 1.41 -20.65	46.68 1.29 -17.30	41.56 1.06 -15.21	35.94 1.03 -9.14	32.14 0.88 -7.42	31.39 0.67 -13.01	29.90 0.63 -11.75
DASHVILLE___HYD 23610	29.88 1.08 -3.67	28.77 1.00 -3.93	28.31 0.97 -4.90	28.29 0.71 -11.06	29.12 0.71 -11.46	33.24 0.71 -13.39	43.41 1.15 -14.78	48.65 1.05 -21.41	43.60 1.17 -15.25	34.71 1.02 -10.01	29.62 1.07 -3.09	28.04 1.00 -2.15	28.00 0.84 -5.71	28.91 0.87 -6.33	29.00 0.92 -6.06	32.27 1.05 -6.78	39.86 1.27 -10.43	51.09 1.54 -17.51	44.03 1.26 -14.67	39.37 1.19 -12.90	34.73 1.21 -7.75	31.17 1.05 -6.29	29.47 0.73 -11.03	28.15 0.67 -9.97
DEERFIELD_69_KV_DEERFIELD LD 355887	42.61 2.51 -14.97	41.86 2.34 -15.68	40.69 2.20 -16.04	39.36 1.62 -21.22	39.35 1.66 -20.74	42.18 1.88 -21.17	48.25 3.08 -17.69	50.49 2.93 -21.36	44.72 2.99 -14.55	41.29 2.46 -15.14	36.20 2.70 -8.04	35.29 2.59 -7.82	33.85 2.19 -10.21	34.29 2.26 -10.32	36.94 2.40 -12.53	39.41 2.91 -12.06	52.21 3.55 -20.49	79.10 4.10 -42.96	62.35 3.71 -30.55	47.07 3.46 -18.32	45.84 3.20 -16.88	41.98 2.79 -15.36	39.12 1.95 -19.46	37.29 1.79 -17.98
DELAWARE___LFGE 323621	27.77 0.80 -1.84	26.57 0.76 -1.97	25.64 0.74 -2.46	22.63 0.56 -5.54	23.29 0.59 -5.74	26.54 0.69 -6.71	35.99 1.10 -7.41	37.98 1.05 -10.73	35.89 1.06 -7.65	29.55 0.85 -5.02	27.90 0.89 -1.55	26.84 0.87 -1.08	25.05 0.73 -2.86	25.60 0.72 -3.18	25.83 0.77 -3.04	28.75 0.90 -3.40	34.52 1.13 -5.23	42.13 1.31 -8.78	36.63 1.18 -7.36	32.79 1.04 -6.47	30.69 1.03 -3.89	27.89 0.91 -3.16	23.88 0.64 -5.53	23.13 0.61 -5.00
DERFIELD_115KV_TB7 355931	25.24 0.00 -0.11	23.96 0.00 -0.12	22.57 -0.02 -0.14	16.83 -0.02 -0.33	17.26 -0.03 -0.34	19.50 -0.04 -0.40	27.87 -0.05 -0.44	26.81 -0.03 -0.63	27.61 -0.03 -0.45	23.93 -0.05 -0.30	25.50 -0.05 -0.09	24.90 -0.05 -0.06	21.58 -0.04 -0.17	21.83 -0.07 -0.19	22.15 -0.04 -0.18	24.57 -0.07 -0.20	28.39 -0.08 -0.31	32.43 -0.13 -0.52	28.44 -0.08 -0.43	25.57 -0.10 -0.38	25.89 -0.10 -0.23	23.92 -0.10 -0.19	17.95 -0.09 -0.33	17.73 -0.09 -0.29
DOGLEVILLE___HYD 23807	26.44 1.21 -0.11	25.08 1.12 -0.12	23.65 1.06 -0.14	17.63 0.78 -0.33	18.07 0.78 -0.34	20.43 0.90 -0.40	29.21 1.29 -0.44	28.09 1.26 -0.63	28.86 1.22 -0.45	24.99 1.02 -0.30	26.67 1.12 -0.09	26.02 1.07 -0.06	22.49 0.86 -0.17	22.74 0.85 -0.19	23.03 0.84 -0.18	25.55 0.90 -0.20	29.55 1.07 -0.31	33.74 1.19 -0.52	29.40 0.87 -0.43	26.38 0.71 -0.38	26.87 0.88 -0.23	24.88 0.86 -0.19	18.66 0.62 -0.33	18.44 0.63 -0.29
DUNKIRK___115KV_TB_200 55889	25.79 -0.30 -0.97	24.63 -0.24 -1.03	23.60 -0.13 -1.29	19.43 0.00 -2.91	20.02 0.05 -3.01	22.60 -0.06 -3.52	31.09 -0.27 -3.89	31.33 -0.55 -5.68	30.50 -0.73 -4.05	25.82 -0.52 -2.66	25.77 -0.51 -0.82	25.19 -0.27 -0.57	22.70 -0.28 -1.52	23.09 -0.30 -1.68	23.47 -0.15 -1.61	26.10 -0.15 -1.80	30.80 -0.14 -2.77	36.27 -0.42 -4.65	31.79 -0.20 -3.90	28.51 -0.20 -3.43	27.57 -0.26 -2.06	25.24 -0.26 -1.67	20.61 -0.04 -2.93	20.42 0.28 -2.62
DUNKIRK___1 23563	25.79 -0.30 -0.97	24.63 -0.24 -1.03	23.60 -0.13 -1.29	19.43 0.00 -2.91	20.02 0.05 -3.01	22.60 -0.06 -3.52	31.09 -0.27 -3.89	31.33 -0.55 -5.68	30.50 -0.73 -4.05	25.82 -0.52 -2.66	25.77 -0.51 -0.82	25.19 -0.27 -0.57	22.70 -0.28 -1.52	23.09 -0.30 -1.68	23.47 -0.15 -1.61	26.10 -0.15 -1.80	30.80 -0.14 -2.77	36.27 -0.42 -4.65	31.79 -0.20 -3.90	28.51 -0.20 -3.43	27.57 -0.26 -2.06	25.24 -0.26 -1.67	20.61 -0.04 -2.93	20.42 0.28 -2.62
DUNKIRK___2 23564	25.79 -0.30 -0.97	24.63 -0.24 -1.03	23.60 -0.13 -1.29	19.43 0.00 -2.91	20.02 0.05 -3.01	22.60 -0.06 -3.52	31.09 -0.27 -3.89	31.33 -0.55 -5.68	30.50 -0.73 -4.05	25.82 -0.52 -2.66	25.77 -0.51 -0.82	25.19 -0.27 -0.57	22.70 -0.28 -1.52	23.09 -0.30 -1.68	23.47 -0.15 -1.61	26.10 -0.15 -1.80	30.80 -0.14 -2.77	36.27 -0.42 -4.65	31.79 -0.20 -3.90	28.51 -0.20 -3.43	27.57 -0.26 -2.06	25.24 -0.26 -1.67	20.61 -0.04 -2.93	20.42 0.28 -2.62
DUNKIRK___3 23565	25.67 -0.43 -0.97	24.54 -0.33 -1.04	23.54 -0.20 -1.29	19.39 -0.05 -2.91	19.97 0.00 -3.02	22.55 -0.11 -3.53	31.02 -0.36 -3.89	31.27 -0.63 -5.69	30.40 -0.84 -4.06	25.73 -0.62 -2.66	25.67 -0.61 -0.82	25.09 -0.37 -0.57	22.59 -0.39 -1.52	22.98 -0.41 -1.68	23.39 -0.24 -1.61	26.00 -0.24 -1.80	30.69 -0.25 -2.77	36.18 -0.51 -4.66	31.71 -0.28 -3.90	28.44 -0.28 -3.43	27.50 -0.33 -2.06	25.17 -0.33 -1.67	20.56 -0.09 -2.93	20.37 0.23 -2.63
DUNKIRK___4 23566	25.68 -0.40 -0.95	24.53 -0.33 -1.02	23.50 -0.22 -1.28	19.33 -0.07 -2.88	19.93 0.00 -2.98	22.51 -0.11 -3.48	30.94 -0.38 -3.85	31.17 -0.65 -5.63	30.32 -0.87 -4.01	25.69 -0.62 -2.63	25.66 -0.61 -0.81	25.08 -0.37 -0.57	22.59 -0.36 -1.50	22.96 -0.41 -1.66	23.37 -0.24 -1.59	25.98 -0.24 -1.78	30.63 -0.28 -2.74	36.06 -0.58 -4.60	31.64 -0.31 -3.85	28.37 -0.30 -3.39	27.44 -0.36 -2.04	25.15 -0.33 -1.65	20.52 -0.09 -2.90	20.34 0.23 -2.59
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.08 1.46 -3.50	28.92 1.33 -3.75	28.40 1.28 -4.67	28.01 0.94 -10.55	28.83 0.95 -10.93	32.94 1.03 -12.77	43.25 1.68 -14.09	48.29 1.68 -20.42	43.58 1.85 -14.55	34.89 1.66 -9.55	30.22 1.81 -2.95	28.74 1.79 -2.05	28.45 1.55 -5.44	29.34 1.58 -6.04	29.38 1.59 -5.78	32.67 1.76 -6.46	40.14 2.03 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.37 1.13 -10.52	28.09 1.07 -9.51
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.79 1.23 -3.44	28.69 1.17 -3.68	28.13 1.10 -4.59	27.70 0.83 -10.35	28.51 0.83 -10.73	32.55 0.88 -12.53	42.72 1.40 -13.83	47.57 1.34 -20.03	42.90 1.44 -14.28	34.33 1.28 -9.37	29.70 1.35 -2.90	28.20 1.29 -2.02	27.90 1.09 -5.34	28.77 1.13 -5.93	28.88 1.19 -5.67	32.13 1.34 -6.34	39.53 1.61 -9.76	50.35 1.92 -16.39	43.42 1.60 -13.73	38.83 1.47 -12.07	34.49 1.47 -7.25	30.99 1.26 -5.89	28.92 0.89 -10.32	27.69 0.84 -9.33
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.32 1.68 -3.51	29.17 1.57 -3.76	28.63 1.50 -4.68	28.19 1.11 -10.56	29.03 1.14 -10.94	32.93 1.01 -12.77	43.09 1.51 -14.10	48.06 1.44 -20.42	43.50 1.77 -14.55	34.86 1.63 -9.55	30.19 1.78 -2.95	28.71 1.77 -2.05	28.49 1.59 -5.45	29.32 1.56 -6.04	29.36 1.56 -5.78	32.59 1.69 -6.47	40.06 1.94 -9.95	50.89 2.15 -16.70	43.91 1.83 -13.99	39.34 1.74 -12.30	34.86 1.70 -7.39	31.36 1.53 -6.00	29.61 1.36 -10.53	28.35 1.31 -9.51
E179THST_13_KV_LOAD 356214	30.42 1.78 -3.51	29.26 1.67 -3.76	28.72 1.59 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.00 1.09 -12.77	43.20 1.62 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.84 1.89 -2.05	28.60 1.70 -5.45	29.42 1.67 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.23 2.11 -9.95	51.05 2.31 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	34.99 1.83 -7.39	31.46 1.62 -6.00	29.70 1.45 -10.53	28.43 1.40 -9.51

EAST HAMPTON___GT 23717	42.86 2.76 -14.97	42.10 2.58 -15.68	40.91 2.42 -16.04	39.54 1.80 -21.22	39.54 1.85 -20.74	42.41 2.11 -21.17	48.64 3.46 -17.69	50.86 3.30 -21.36	45.07 3.34 -14.55	41.55 2.72 -15.14	36.48 2.98 -8.04	35.54 2.84 -7.82	34.09 2.42 -10.21	34.51 2.47 -10.32	37.18 2.64 -12.53	39.70 3.20 -12.06	52.61 3.94 -20.49	79.55 4.55 -42.97	62.83 4.19 -30.55	47.45 3.84 -18.32	46.21 3.56 -16.88	42.32 3.12 -15.36	39.34 2.16 -19.46	37.51 2.01 -17.98
EAST RIVER___6 23660	30.11 1.48 -3.50	28.95 1.36 -3.75	28.40 1.28 -4.68	28.00 0.92 -10.55	28.85 0.97 -10.93	32.91 0.99 -12.77	42.98 1.68 -13.82	47.93 1.65 -20.08	43.47 1.96 -14.33	35.00 1.78 -9.55	30.37 1.96 -2.95	28.83 1.89 -2.05	28.56 1.65 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.76 1.86 -6.46	40.26 2.14 -9.95	51.02 2.37 -16.61	44.08 1.99 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.20 1.17 -9.51
EAST RIVER___7 23524	30.11 1.48 -3.50	28.95 1.36 -3.75	28.40 1.28 -4.68	28.00 0.92 -10.55	28.85 0.97 -10.93	32.91 0.99 -12.77	42.98 1.68 -13.82	47.93 1.65 -20.08	43.47 1.96 -14.33	35.00 1.78 -9.55	30.37 1.96 -2.95	28.83 1.89 -2.05	28.56 1.65 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.76 1.86 -6.46	40.26 2.14 -9.95	51.02 2.37 -16.61	44.08 1.99 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.20 1.17 -9.51
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.01 1.38 -3.50	28.87 1.29 -3.74	28.35 1.23 -4.67	27.95 0.89 -10.54	28.79 0.92 -10.92	32.87 0.98 -12.76	43.16 1.59 -14.08	48.17 1.57 -20.39	43.48 1.77 -14.53	34.78 1.56 -9.54	30.11 1.71 -2.95	28.61 1.67 -2.05	28.34 1.44 -5.44	29.22 1.48 -6.03	29.29 1.50 -5.78	32.56 1.66 -6.46	40.02 1.92 -9.94	50.93 2.21 -16.68	43.89 1.83 -13.98	39.30 1.72 -12.29	34.85 1.70 -7.38	31.31 1.48 -6.00	29.29 1.06 -10.51	28.01 1.00 -9.50
EAST_HAMPTON___DIESEL 23722	42.89 2.79 -14.97	42.10 2.58 -15.68	40.91 2.42 -16.04	39.54 1.80 -21.22	39.54 1.85 -20.74	42.41 2.11 -21.17	48.64 3.46 -17.69	50.86 3.30 -21.36	45.07 3.34 -14.55	41.55 2.72 -15.14	36.48 2.98 -8.04	35.54 2.84 -7.82	34.09 2.42 -10.21	34.51 2.47 -10.32	37.18 2.64 -12.53	39.70 3.20 -12.06	52.64 3.97 -20.49	79.55 4.55 -42.97	62.83 4.19 -30.55	47.48 3.87 -18.32	46.21 3.56 -16.88	42.32 3.12 -15.36	39.34 2.16 -19.46	37.51 2.01 -17.98
EAST_PULASKI___ESR 323781	25.52 -0.20 -0.59	24.31 -0.17 -0.63	23.08 -0.16 -0.79	18.19 -0.12 -1.79	18.70 -0.10 -1.85	21.24 -0.06 -2.16	29.82 -0.05 -2.39	29.60 -0.05 -3.46	29.45 -0.19 -2.46	25.06 -0.24 -1.62	25.70 -0.25 -0.50	24.96 -0.27 -0.35	22.14 -0.24 -0.92	22.49 -0.24 -1.02	22.73 -0.26 -0.98	25.29 -0.24 -1.09	29.68 -0.17 -1.68	33.72 -0.13 -1.81	29.23 -0.08 -1.23	26.21 -0.08 -0.99	25.79 -0.08 -0.10	23.64 -0.07 0.12	18.59 -0.05 -0.93	18.24 -0.05 -0.77
EAST_RIVER___1 323558	30.11 1.48 -3.50	28.97 1.38 -3.75	28.42 1.30 -4.68	28.03 0.96 -10.55	28.86 0.98 -10.93	32.94 1.03 -12.77	43.01 1.70 -13.82	47.96 1.68 -20.08	43.44 1.93 -14.33	34.96 1.73 -9.55	30.32 1.91 -2.95	28.79 1.84 -2.05	28.51 1.61 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.74 1.83 -6.46	40.20 2.08 -9.95	51.02 2.37 -16.61	44.02 1.94 -13.99	39.43 1.84 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.22 1.19 -9.51
EAST_RIVER___2 323559	30.11 1.48 -3.50	28.95 1.36 -3.75	28.40 1.28 -4.68	28.00 0.92 -10.55	28.85 0.97 -10.93	32.91 0.99 -12.77	42.98 1.68 -13.82	47.93 1.65 -20.08	43.47 1.96 -14.33	35.00 1.78 -9.55	30.37 1.96 -2.95	28.83 1.89 -2.05	28.56 1.65 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.76 1.86 -6.46	40.26 2.14 -9.95	51.02 2.37 -16.61	44.08 1.99 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.20 1.17 -9.51
EAST___DELAWARE_HYD 23607	29.60 1.23 -3.24	28.45 1.14 -3.47	27.88 1.10 -4.33	27.10 0.81 -9.77	27.91 0.83 -10.12	31.79 0.82 -11.83	41.94 1.40 -13.05	46.37 1.26 -18.91	41.96 1.30 -13.47	33.61 1.09 -8.84	29.28 1.09 -2.73	27.79 1.00 -1.90	26.76 0.26 -5.04	27.59 0.28 -5.60	27.70 0.33 -5.36	30.89 0.46 -5.99	38.06 0.67 -9.21	48.50 0.99 -15.47	41.95 0.90 -12.96	37.49 0.81 -11.39	34.01 1.39 -6.85	30.61 1.21 -5.56	28.27 0.82 -9.74	27.11 0.79 -8.80
EIGHT_POINT___WT_PWR 323820	26.46 0.23 -1.11	25.29 0.26 -1.18	24.21 0.29 -1.48	20.10 0.25 -3.33	20.71 0.31 -3.45	23.48 0.31 -4.03	32.18 0.25 -4.45	32.72 0.05 -6.46	31.60 -0.19 -4.61	26.56 -0.14 -3.02	26.27 -0.13 -0.93	25.56 0.02 -0.65	23.14 -0.04 -1.72	23.58 -0.04 -1.91	23.91 0.07 -1.83	26.61 0.12 -2.05	31.46 0.14 -3.15	37.33 0.00 -5.29	32.66 0.14 -4.43	29.38 0.20 -3.90	28.24 0.13 -2.34	25.80 0.07 -1.90	21.20 0.16 -3.33	20.85 0.33 -3.00
ELBRIDGE_115KV_TB2 80188	25.80 -0.08 -0.74	24.61 -0.02 -0.80	23.42 -0.02 -0.99	18.77 0.00 -2.24	19.29 0.02 -2.32	21.89 0.04 -2.72	30.51 0.03 -3.00	30.56 0.03 -4.34	30.24 -0.03 -3.09	25.68 -0.02 -2.03	26.03 -0.05 -0.63	25.28 -0.05 -0.44	22.57 -0.04 -1.16	22.95 -0.04 -1.28	23.18 -0.07 -1.23	25.79 -0.02 -1.37	30.28 0.00 -2.11	35.65 0.06 -3.55	31.15 0.08 -2.97	27.98 0.08 -2.61	27.39 0.05 -1.57	25.18 0.07 -1.27	20.02 0.07 -2.23	19.65 0.11 -2.02
ELEC_TRO_TEK 24086	41.91 1.81 -14.97	41.22 1.69 -15.68	40.08 1.59 -16.04	38.91 1.17 -21.22	38.90 1.20 -20.74	41.61 1.30 -21.17	47.24 2.06 -17.69	49.57 2.02 -21.36	43.96 2.23 -14.55	40.79 1.97 -15.14	35.64 2.14 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.88 1.85 -10.32	36.41 1.87 -12.53	38.58 2.08 -12.06	51.08 2.42 -20.49	77.71 2.76 -42.92	60.88 2.36 -30.43	45.68 2.20 -18.20	44.77 2.16 -16.84	41.04 1.88 -15.32	38.57 1.40 -19.46	36.83 1.33 -17.98
ELLENBURG_WT_PWR 323604	23.86 -1.41 -0.14	22.44 -1.55 -0.15	20.88 -1.75 -0.18	15.51 -1.42 -0.41	15.70 -1.68 -0.43	17.80 -1.84 -0.50	25.34 -2.69 -0.55	24.92 -2.07 -0.79	25.55 -2.20 -0.57	21.92 -2.13 -0.37	23.38 -2.19 -0.11	22.46 -2.51 -0.08	19.55 -2.12 -0.21	19.84 -2.11 -0.23	19.95 -2.29 -0.22	21.91 -2.79 -0.25	24.84 -3.72 -0.39	10.83 -4.74 16.47	0.51 -4.24 23.34	0.69 -3.92 20.68	2.90 -3.76 19.10	1.31 -3.60 18.92	0.88 -2.89 13.94	0.96 -2.77 13.79
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.36 -0.70 -0.93	24.24 -0.60 -1.00	23.22 -0.47 -1.24	19.10 -0.23 -2.81	19.69 -0.17 -2.91	22.21 -0.33 -3.40	30.49 -0.74 -3.75	30.64 -1.05 -5.49	29.90 -1.20 -3.91	25.37 -0.88 -2.57	25.33 -0.92 -0.79	24.77 -0.67 -0.55	22.30 -0.62 -1.46	22.66 -0.67 -1.62	23.06 -0.51 -1.55	25.62 -0.56 -1.74	30.17 -0.68 -2.67	35.50 -1.03 -4.49	31.18 -0.67 -3.76	28.01 -0.58 -3.31	27.11 -0.64 -1.99	24.87 -0.57 -1.61	20.30 -0.25 -2.83	20.14 0.09 -2.53
EMPIRE_CC_1 323656	29.60 0.38 -4.10	28.61 0.38 -4.39	28.28 0.36 -5.47	29.14 0.26 -12.35	30.00 0.25 -12.80	34.36 0.27 -14.95	44.32 0.33 -16.50	50.39 0.29 -23.90	44.57 0.35 -17.03	35.21 0.36 -11.18	29.37 0.46 -3.45	27.79 0.50 -2.41	28.26 0.43 -6.37	29.22 0.43 -7.07	29.27 0.48 -6.77	32.45 0.44 -7.57	40.26 0.45 -11.65	52.04 0.45 -19.55	44.90 0.42 -16.38	40.09 0.40 -14.40	34.86 0.44 -8.65	31.29 0.43 -7.03	30.33 0.30 -12.32	28.89 0.25 -11.13

EMPIRE_CC_2 323658	29.60 0.38 -4.10	28.61 0.38 -4.39	28.28 0.36 -5.47	29.14 0.26 -12.35	30.00 0.25 -12.80	34.36 0.27 -14.95	44.32 0.33 -16.50	50.39 0.29 -23.90	44.57 0.35 -17.03	35.21 0.36 -11.18	29.37 0.46 -3.45	27.79 0.50 -2.41	28.26 0.43 -6.37	29.22 0.43 -7.07	29.27 0.48 -6.77	32.45 0.44 -7.57	40.26 0.45 -11.65	52.04 0.45 -19.55	44.90 0.42 -16.38	40.09 0.40 -14.40	34.86 0.44 -8.65	31.29 0.43 -7.03	30.33 0.30 -12.32	28.89 0.25 -11.13
ENORWICH_115KV_TB1 80156	28.79 2.21 -1.45	27.54 2.15 -1.55	26.40 2.02 -1.94	22.43 1.54 -4.37	23.09 1.61 -4.52	26.38 1.95 -5.29	36.39 3.08 -5.83	37.67 3.01 -8.45	35.84 2.64 -6.02	29.53 1.89 -3.95	28.54 1.86 -1.22	27.48 1.74 -0.85	25.15 1.44 -2.25	25.60 1.39 -2.50	25.97 1.56 -2.39	29.03 1.91 -2.68	34.96 2.68 -4.12	42.19 3.24 -6.92	36.64 2.75 -5.79	32.76 2.38 -5.09	31.33 2.50 -3.06	28.46 2.14 -2.49	23.58 1.51 -4.36	22.98 1.52 -3.93
ERIE_ST__34_KV_TB1-2 80199	25.30 -0.78 -0.95	24.21 -0.64 -1.02	23.20 -0.52 -1.27	19.10 -0.28 -2.86	19.72 -0.20 -2.97	22.26 -0.34 -3.47	30.65 -0.66 -3.83	30.89 -0.92 -5.60	30.03 -1.14 -3.99	25.42 -0.88 -2.62	25.35 -0.92 -0.81	24.81 -0.65 -0.56	22.33 -0.62 -1.49	22.70 -0.67 -1.66	23.07 -0.53 -1.59	25.65 -0.56 -1.77	30.31 -0.59 -2.73	35.72 -0.90 -4.58	31.34 -0.59 -3.84	28.11 -0.56 -3.38	27.18 -0.62 -2.03	24.88 -0.60 -1.65	20.32 -0.28 -2.89	20.10 0.00 -2.58
ERIE_WT_PWR 323693	25.49 -0.58 -0.95	24.37 -0.48 -1.01	23.35 -0.36 -1.26	19.21 -0.17 -2.85	19.80 -0.10 -2.95	22.36 -0.23 -3.45	30.74 -0.55 -3.81	30.93 -0.84 -5.57	30.12 -1.03 -3.97	25.53 -0.76 -2.61	25.47 -0.79 -0.81	24.93 -0.52 -0.56	22.43 -0.52 -1.49	22.80 -0.56 -1.65	23.20 -0.40 -1.58	25.77 -0.44 -1.76	30.38 -0.51 -2.71	35.80 -0.80 -4.56	31.41 -0.50 -3.82	28.21 -0.43 -3.36	27.27 -0.52 -2.02	25.02 -0.45 -1.64	20.43 -0.16 -2.87	20.19 0.11 -2.57
ESPRGFLD_115KV_TB1 80157	25.79 0.80 0.14	24.45 0.76 0.15	22.98 0.72 0.19	16.67 0.56 0.42	17.18 0.66 0.43	19.45 0.82 0.51	28.38 1.46 0.56	26.83 1.44 0.81	27.91 1.30 0.58	24.22 0.92 0.38	26.23 0.89 0.12	25.60 0.80 0.08	21.84 0.60 0.22	22.06 0.59 0.24	22.47 0.68 0.23	25.07 0.88 0.26	28.96 1.18 0.39	32.91 1.54 0.66	28.91 1.38 0.55	25.96 1.16 0.49	26.58 1.11 0.29	24.60 1.00 0.24	17.95 0.66 0.42	17.75 0.61 0.38
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.88 0.60 -1.15	25.69 0.62 -1.23	24.58 0.61 -1.53	20.42 0.45 -3.45	21.01 0.47 -3.58	23.91 0.59 -4.18	33.03 0.93 -4.62	33.81 0.92 -6.69	32.74 0.79 -4.77	27.40 0.59 -3.13	26.96 0.53 -0.97	26.09 0.52 -0.67	23.65 0.41 -1.78	24.12 0.43 -1.98	24.37 0.46 -1.89	27.20 0.64 -2.12	32.30 0.87 -3.26	38.60 1.09 -5.47	33.63 0.96 -4.58	30.18 0.86 -4.03	29.07 0.88 -2.42	26.56 0.76 -1.97	21.73 0.57 -3.45	21.21 0.58 -3.11
ETNA_____115KV_TB2 80207	26.88 0.60 -1.15	25.69 0.62 -1.23	24.58 0.61 -1.53	20.42 0.45 -3.45	21.01 0.47 -3.58	23.91 0.59 -4.18	33.03 0.93 -4.62	33.81 0.92 -6.69	32.74 0.79 -4.77	27.40 0.59 -3.13	26.96 0.53 -0.97	26.09 0.52 -0.67	23.65 0.41 -1.78	24.12 0.43 -1.98	24.37 0.46 -1.89	27.20 0.64 -2.12	32.30 0.87 -3.26	38.60 1.09 -5.47	33.63 0.96 -4.58	30.18 0.86 -4.03	29.07 0.88 -2.42	26.56 0.76 -1.97	21.73 0.57 -3.45	21.21 0.58 -3.11
EUCLID___115KV_TB2 356179	25.54 -0.25 -0.67	24.34 -0.21 -0.72	23.16 -0.18 -0.89	18.40 -0.13 -2.01	18.94 -0.10 -2.09	21.46 -0.11 -2.44	29.98 -0.19 -2.69	29.89 -0.21 -3.90	29.71 -0.24 -2.78	25.31 -0.19 -1.82	25.79 -0.23 -0.56	25.08 -0.20 -0.39	22.33 -0.17 -1.04	22.69 -0.17 -1.15	22.92 -0.20 -1.10	25.48 -0.20 -1.23	29.84 -0.23 -1.90	34.69 -0.19 -2.85	30.12 -0.20 -2.22	27.08 -0.15 -1.94	26.64 -0.15 -1.02	24.48 -0.12 -0.76	19.38 -0.05 -1.72	19.02 -0.04 -1.53
E_CANADA_CAP_HY 24051	31.12 0.63 -5.36	30.13 0.55 -5.74	30.12 0.52 -7.16	33.09 0.41 -16.16	34.25 0.56 -16.74	39.43 0.73 -19.56	50.42 1.35 -21.59	58.81 1.34 -31.27	50.63 1.17 -22.28	39.01 0.71 -14.63	30.61 0.64 -4.52	28.58 0.55 -3.15	30.10 0.30 -8.34	31.29 0.33 -9.25	31.31 0.44 -8.86	35.00 0.66 -9.90	44.25 0.84 -15.24	58.87 1.25 -25.58	50.73 1.21 -21.43	45.09 0.96 -18.84	37.94 0.85 -11.32	33.91 0.88 -9.19	34.36 0.53 -16.11	32.52 0.44 -14.56
E_CANADA_MHWK_HY 24050	26.44 1.21 -0.11	25.08 1.12 -0.12	23.65 1.06 -0.14	17.63 0.78 -0.33	18.07 0.78 -0.34	20.43 0.90 -0.40	29.21 1.29 -0.44	28.09 1.26 -0.63	28.86 1.22 -0.45	24.99 1.02 -0.30	26.67 1.12 -0.09	26.02 1.07 -0.06	22.49 0.86 -0.17	22.74 0.85 -0.19	23.03 0.84 -0.18	25.55 0.90 -0.20	29.55 1.07 -0.31	33.74 1.19 -0.52	29.40 0.87 -0.43	26.38 0.71 -0.38	26.87 0.88 -0.23	24.88 0.86 -0.19	18.66 0.62 -0.33	18.44 0.63 -0.29
E_FISHKILL___LBMP 23776	29.81 1.11 -3.58	28.72 1.05 -3.83	28.23 1.01 -4.78	28.04 0.74 -10.78	28.87 0.75 -11.17	32.99 0.80 -13.05	43.15 1.26 -14.40	48.29 1.23 -20.86	43.43 1.39 -14.87	34.67 1.23 -9.76	29.82 1.35 -3.01	28.31 1.32 -2.10	28.16 1.14 -5.56	29.03 1.15 -6.17	29.11 1.19 -5.91	32.37 1.32 -6.61	39.85 1.52 -10.16	50.87 1.76 -17.07	43.85 1.46 -14.30	39.22 1.37 -12.57	34.69 1.37 -7.55	31.16 1.19 -6.13	29.32 0.85 -10.75	28.02 0.79 -9.71
FALCON___SEABRD_CC1 323796	23.98 -1.28 -0.14	22.53 -1.45 -0.15	20.97 -1.66 -0.18	15.58 -1.35 -0.41	15.77 -1.61 -0.43	17.88 -1.76 -0.50	25.48 -2.56 -0.55	25.08 -1.91 -0.80	25.71 -2.04 -0.57	22.04 -2.01 -0.37	23.51 -2.06 -0.12	22.56 -2.41 -0.08	19.63 -2.04 -0.21	19.95 -2.00 -0.24	20.04 -2.20 -0.23	22.01 -2.69 -0.25	24.98 -3.58 -0.39	11.03 -4.58 16.43	0.69 -4.07 23.32	0.86 -3.77 20.66	3.23 -3.48 19.06	1.62 -3.34 18.88	1.11 -2.69 13.91	1.17 -2.59 13.76
FALCON___SEABRD_CC2 323797	23.98 -1.28 -0.14	22.53 -1.45 -0.15	20.97 -1.66 -0.18	15.58 -1.35 -0.41	15.77 -1.61 -0.43	17.88 -1.76 -0.50	25.48 -2.56 -0.55	25.08 -1.91 -0.80	25.71 -2.04 -0.57	22.04 -2.01 -0.37	23.51 -2.06 -0.12	22.56 -2.41 -0.08	19.63 -2.04 -0.21	19.95 -2.00 -0.24	20.04 -2.20 -0.23	22.01 -2.69 -0.25	24.98 -3.58 -0.39	11.03 -4.58 16.43	0.69 -4.07 23.32	0.86 -3.77 20.66	3.23 -3.48 19.06	1.62 -3.34 18.88	1.11 -2.69 13.91	1.17 -2.59 13.76
FAR ROCKAWAY___4 23548	42.24 2.14 -14.97	41.50 1.98 -15.68	40.37 1.89 -16.04	39.11 1.37 -21.22	39.12 1.42 -20.74	41.88 1.57 -21.17	47.65 2.47 -17.69	49.97 2.41 -21.36	44.34 2.61 -14.55	41.12 2.30 -15.14	35.97 2.47 -8.04	35.12 2.41 -7.82	33.75 2.08 -10.21	34.14 2.11 -10.32	36.70 2.16 -12.53	38.94 2.44 -12.06	51.39 2.73 -20.49	78.13 3.17 -42.92	61.22 2.70 -30.43	46.01 2.53 -18.20	45.08 2.47 -16.84	41.42 2.26 -15.32	38.86 1.68 -19.46	37.06 1.56 -17.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.96 1.05 -12.77	43.31 1.73 -14.10	48.32 1.70 -20.42	43.69 1.96 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.54 1.63 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.76 1.86 -6.46	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.04 1.88 -7.39	31.46 1.62 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.16 1.53 -3.50	28.99 1.41 -3.75	28.47 1.35 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.96 1.05 -12.77	43.31 1.73 -14.10	48.32 1.70 -20.42	43.69 1.96 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.54 1.63 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.76 1.86 -6.46	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.04 1.88 -7.39	31.46 1.62 -6.00	29.44 1.20 -10.52	28.18 1.16 -9.51
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.14 1.51 -3.50	28.97 1.38 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.29 1.68 -20.42	43.66 1.93 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.51 1.61 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.74 1.83 -6.46	40.23 2.11 -9.95	51.11 2.37 -16.70	44.02 1.94 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51
FARRAGUT___LBMP 323566	30.11 1.48 -3.50	28.97 1.38 -3.75	28.42 1.30 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.93 1.01 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.66 1.93 -14.55	34.93 1.70 -9.55	30.29 1.88 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.46	40.20 2.08 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
FENNER___WINDPWR 24204	26.39 0.55 -0.71	25.12 0.52 -0.76	23.88 0.49 -0.94	19.03 0.38 -2.13	19.55 0.39 -2.21	22.21 0.50 -2.58	31.13 0.80 -2.85	31.13 0.81 -4.12	30.82 0.71 -2.94	26.13 0.52 -1.93	26.56 0.51 -0.60	25.78 0.47 -0.41	22.95 0.39 -1.10	23.32 0.39 -1.22	23.60 0.42 -1.17	26.26 0.51 -1.31	30.88 0.70 -2.01	35.79 0.87 -2.89	31.07 0.70 -2.28	27.86 0.61 -1.96	27.38 0.67 -0.94	25.07 0.57 -0.67	19.82 0.39 -1.72	19.44 0.40 -1.52
FIBERTEK___ENERGY 23856	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.08 -2.26	21.89 0.11 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.09 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.40 0.22 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.15 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
FITZPATRICK____ 23598	25.08 -0.58 -0.53	23.88 -0.52 -0.57	22.66 -0.49 -0.70	17.75 -0.36 -1.59	18.24 -0.36 -1.65	20.66 -0.40 -1.93	28.98 -0.63 -2.12	28.65 -0.63 -3.08	28.70 -0.68 -2.19	24.55 -0.57 -1.44	25.27 -0.64 -0.44	24.60 -0.60 -0.31	21.76 -0.52 -0.82	22.10 -0.52 -0.91	22.34 -0.55 -0.87	24.81 -0.61 -0.97	28.96 -0.70 -1.50	33.76 -0.80 -2.52	29.53 -0.67 -2.11	26.53 -0.61 -1.85	26.26 -0.62 -1.11	24.21 -0.52 -0.90	18.95 -0.35 -1.59	18.64 -0.31 -1.43
FLOWRFLD_69_KV_BK1 356044	42.09 1.99 -14.97	41.38 1.86 -15.68	40.26 1.77 -16.04	39.04 1.31 -21.22	39.03 1.34 -20.74	41.78 1.47 -21.17	47.48 2.31 -17.69	49.76 2.20 -21.36	44.04 2.31 -14.55	40.81 1.99 -15.14	35.69 2.19 -8.04	34.85 2.14 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.50 1.96 -12.53	38.80 2.30 -12.06	51.34 2.68 -20.49	78.08 3.08 -42.97	61.48 2.81 -30.57	46.26 2.63 -18.34	45.08 2.42 -16.89	41.35 2.14 -15.37	38.70 1.52 -19.46	36.94 1.44 -17.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.17 1.51 -3.54	29.03 1.41 -3.79	28.52 1.35 -4.72	28.17 0.99 -10.65	29.01 1.02 -11.04	33.09 1.05 -12.90	43.40 1.68 -14.24	48.39 1.57 -20.62	43.59 1.71 -14.69	34.82 1.49 -9.64	29.99 1.55 -2.98	28.46 1.49 -2.08	28.22 1.27 -5.50	29.12 1.30 -6.10	29.22 1.36 -5.84	32.51 1.54 -6.53	40.05 1.83 -10.05	51.15 2.24 -16.87	44.13 1.91 -14.13	39.43 1.72 -12.43	34.94 1.70 -7.47	31.40 1.50 -6.06	29.37 1.03 -10.63	28.08 0.96 -9.60
FORT ORANGE____ 23900	29.59 0.25 -4.21	28.56 0.21 -4.51	28.25 0.18 -5.62	29.35 0.15 -12.68	30.26 0.17 -13.14	34.69 0.19 -15.36	44.73 0.30 -16.95	51.01 0.26 -24.55	45.00 0.33 -17.49	35.42 0.26 -11.48	29.29 0.28 -3.55	27.66 0.30 -2.47	28.26 0.26 -6.55	29.19 0.22 -7.26	29.25 0.29 -6.95	32.53 0.32 -7.77	40.55 0.42 -11.96	52.63 0.51 -20.08	45.45 0.53 -16.82	40.51 0.43 -14.79	35.30 0.64 -8.89	31.60 0.55 -7.22	30.70 0.34 -12.65	29.23 0.28 -11.43
FORT_DRUM_COGEN 23780	25.70 0.10 -0.47	24.41 0.07 -0.50	23.09 0.02 -0.63	17.97 0.03 -1.41	18.45 0.03 -1.46	21.04 0.19 -1.71	29.83 0.47 -1.88	29.56 0.63 -2.73	29.40 0.27 -1.95	24.86 -0.09 -1.28	25.67 -0.18 -0.39	24.92 -0.25 -0.27	21.95 -0.24 -0.73	22.28 -0.24 -0.81	22.59 -0.20 -0.77	25.18 -0.12 -0.86	29.67 0.17 -1.33	31.73 0.38 0.70	27.09 0.42 1.42	24.12 0.33 1.49	23.77 0.33 2.33	21.55 0.19 2.47	16.68 0.02 1.05	16.37 0.00 1.15
FOX_HILLS___ESR 323835	30.55 1.91 -3.51	29.38 1.79 -3.76	28.84 1.71 -4.68	28.32 1.24 -10.56	29.16 1.27 -10.94	33.14 1.22 -12.77	43.20 1.62 -14.10	48.24 1.62 -20.42	43.66 1.93 -14.55	35.03 1.80 -9.55	30.37 1.96 -2.95	28.86 1.92 -2.05	28.58 1.67 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.79 1.88 -6.47	40.34 2.23 -9.95	51.21 2.47 -16.70	44.16 2.08 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.62 1.79 -6.00	29.66 1.42 -10.53	28.42 1.38 -9.51
FPL_FAR_ROCK_GT1 24212	42.23 2.13 -14.97	41.50 1.98 -15.68	40.37 1.89 -16.04	39.11 1.37 -21.22	39.12 1.42 -20.74	41.88 1.57 -21.17	47.65 2.47 -17.69	49.96 2.41 -21.36	44.34 2.61 -14.55	41.12 2.30 -15.14	35.96 2.47 -8.04	35.12 2.41 -7.82	33.75 2.08 -10.21	34.14 2.11 -10.32	36.70 2.16 -12.53	38.94 2.44 -12.06	51.39 2.73 -20.49	78.13 3.17 -42.92	61.22 2.70 -30.43	45.99 2.50 -18.20	45.08 2.47 -16.84	41.42 2.27 -15.32	38.86 1.68 -19.46	37.11 1.61 -17.98
FPL_FAR_ROCK_GT2 23815	42.23 2.13 -14.97	41.50 1.98 -15.68	40.37 1.89 -16.04	39.11 1.37 -21.22	39.12 1.42 -20.74	41.88 1.57 -21.17	47.65 2.47 -17.69	49.96 2.41 -21.36	44.34 2.61 -14.55	41.12 2.30 -15.14	35.96 2.47 -8.04	35.12 2.41 -7.82	33.75 2.08 -10.21	34.14 2.11 -10.32	36.70 2.16 -12.53	38.94 2.44 -12.06	51.39 2.73 -20.49	78.13 3.17 -42.92	61.22 2.70 -30.43	45.99 2.50 -18.20	45.08 2.47 -16.84	41.42 2.27 -15.32	38.86 1.68 -19.46	37.11 1.61 -17.98
FRANKLIN_FALL_HYD 24054	24.12 -1.16 -0.15	22.67 -1.33 -0.16	21.12 -1.53 -0.20	15.74 -1.24 -0.45	15.93 -1.49 -0.47	18.08 -1.61 -0.55	25.78 -2.31 -0.61	25.43 -1.65 -0.88	26.04 -1.77 -0.63	22.31 -1.78 -0.41	23.73 -1.86 -0.13	22.74 -2.24 -0.09	19.83 -1.87 -0.23	20.15 -1.82 -0.26	20.26 -2.00 -0.25	22.30 -2.42 -0.28	25.41 -3.18 -0.43	12.68 -4.04 15.32	8.82 -3.62 15.65	6.37 -3.34 15.58	4.67 -3.25 17.85	3.02 -3.12 17.69	2.19 -2.53 12.99	2.19 -2.47 12.86
FREEPORT_EQUS_GT1 23764	42.04 1.93 -14.97	41.33 1.81 -15.68	40.19 1.71 -16.04	38.99 1.26 -21.22	38.97 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.09 2.36 -14.55	40.91 2.08 -15.14	35.66 2.16 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.90 1.87 -10.32	36.45 1.91 -12.53	38.65 2.15 -12.06	51.17 2.51 -20.49	77.85 2.88 -42.92	60.99 2.47 -30.43	45.76 2.28 -18.20	44.85 2.24 -16.84	41.18 2.02 -15.32	38.68 1.50 -19.46	36.95 1.45 -17.98

FREEPORT___CT2 23818	42.04 1.93 -14.97	41.33 1.81 -15.68	40.19 1.71 -16.04	38.99 1.26 -21.22	38.97 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.09 2.36 -14.55	40.91 2.08 -15.14	35.66 2.16 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.90 1.87 -10.32	36.45 1.91 -12.53	38.65 2.15 -12.06	51.17 2.51 -20.49	77.85 2.88 -42.92	60.99 2.47 -30.43	45.76 2.28 -18.20	44.85 2.24 -16.84	41.18 2.02 -15.32	38.68 1.50 -19.46	36.95 1.45 -17.98
FRESHKLS_33_KV_LOAD 356253	30.77 2.14 -3.51	29.62 2.03 -3.76	29.06 1.93 -4.68	28.48 1.40 -10.56	29.35 1.46 -10.94	33.29 1.38 -12.77	43.01 1.43 -14.10	48.06 1.44 -20.42	43.47 1.74 -14.55	34.89 1.66 -9.55	30.22 1.81 -2.95	28.69 1.74 -2.05	28.45 1.55 -5.45	29.32 1.56 -6.04	29.36 1.56 -5.78	32.64 1.74 -6.47	40.23 2.11 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.56 1.97 -12.30	35.02 1.86 -7.39	31.62 1.79 -6.00	29.71 1.47 -10.53	28.50 1.47 -9.51
FULTON COGEN____ 23766	25.51 -0.25 -0.63	24.30 -0.21 -0.68	23.11 -0.18 -0.85	18.30 -0.13 -1.91	18.81 -0.12 -1.98	21.33 -0.11 -2.31	29.84 -0.19 -2.55	29.71 -0.18 -3.69	29.60 -0.22 -2.63	25.22 -0.19 -1.73	25.76 -0.23 -0.53	25.06 -0.20 -0.37	22.25 -0.19 -0.98	22.61 -0.20 -1.09	22.84 -0.22 -1.05	25.39 -0.22 -1.17	29.74 -0.23 -1.80	34.47 -0.19 -2.62	29.92 -0.25 -2.08	26.88 -0.20 -1.80	26.50 -0.15 -0.88	24.37 -0.10 -0.64	19.23 -0.05 -1.57	18.87 -0.04 -1.39
FULTON___LFGE 323630	31.69 1.51 -5.05	30.58 1.33 -5.41	30.43 1.23 -6.75	32.71 0.96 -15.22	33.95 1.22 -15.78	39.07 1.49 -18.44	50.35 2.53 -20.34	58.16 2.49 -29.47	50.52 2.34 -21.00	39.07 1.61 -13.78	31.27 1.55 -4.26	29.25 1.39 -2.97	30.50 1.18 -7.86	31.71 1.28 -8.72	31.84 1.48 -8.35	35.65 1.88 -9.33	44.97 2.45 -14.36	59.19 3.05 -24.11	50.48 2.19 -20.19	44.81 1.77 -17.76	38.55 2.11 -10.67	34.28 1.79 -8.66	34.07 1.17 -15.18	32.25 1.02 -13.72
G.F.CEMENT___DRP 24184	30.48 1.01 -4.35	29.40 0.91 -4.66	29.09 0.83 -5.81	30.26 0.63 -13.11	31.32 0.78 -13.58	35.93 0.92 -15.87	46.51 1.51 -17.52	53.02 1.44 -25.38	46.68 1.41 -18.08	36.61 1.07 -11.87	30.25 1.12 -3.67	28.39 0.95 -2.55	29.08 0.86 -6.77	30.09 0.87 -7.51	30.15 0.95 -7.19	33.43 0.95 -8.03	41.69 1.15 -12.36	54.30 1.51 -20.76	46.86 1.38 -17.39	41.66 1.09 -15.29	35.99 1.03 -9.19	32.13 0.83 -7.46	31.52 0.73 -13.08	30.42 1.09 -11.81
GARDENVILLE___LBMP 24039	25.42 -0.65 -0.95	24.30 -0.55 -1.01	23.28 -0.43 -1.26	19.16 -0.21 -2.85	19.77 -0.14 -2.95	22.30 -0.29 -3.45	30.63 -0.66 -3.81	30.83 -0.94 -5.57	30.04 -1.11 -3.97	25.46 -0.83 -2.61	25.40 -0.87 -0.81	24.83 -0.62 -0.56	22.37 -0.58 -1.49	22.73 -0.63 -1.65	23.11 -0.48 -1.58	25.69 -0.51 -1.76	30.29 -0.59 -2.71	35.67 -0.93 -4.56	31.32 -0.59 -3.82	28.11 -0.53 -3.36	27.19 -0.59 -2.02	24.95 -0.52 -1.64	20.36 -0.23 -2.87	20.19 0.11 -2.57
GARDNVLA_35_KV_LD 355827	25.52 -0.55 -0.94	24.40 -0.45 -1.01	23.37 -0.34 -1.26	19.22 -0.15 -2.85	19.83 -0.07 -2.95	22.37 -0.21 -3.45	30.77 -0.52 -3.80	30.96 -0.81 -5.57	30.17 -0.98 -3.97	25.58 -0.71 -2.61	25.53 -0.74 -0.81	24.95 -0.50 -0.56	22.47 -0.47 -1.49	22.84 -0.52 -1.65	23.22 -0.37 -1.58	25.82 -0.39 -1.76	30.43 -0.45 -2.72	35.83 -0.77 -4.56	31.46 -0.45 -3.82	28.24 -0.40 -3.36	27.32 -0.46 -2.02	25.07 -0.41 -1.64	20.44 -0.14 -2.87	20.26 0.18 -2.57
GELCKHM___115KV_LOAD 80723	25.69 -0.13 -0.69	24.48 -0.10 -0.74	23.28 -0.09 -0.92	18.54 -0.07 -2.08	19.07 -0.03 -2.16	21.64 -0.02 -2.52	30.21 -0.05 -2.78	30.15 -0.08 -4.02	29.94 -0.11 -2.87	25.47 -0.09 -1.88	25.91 -0.13 -0.58	25.19 -0.10 -0.41	22.45 -0.09 -1.07	22.82 -0.09 -1.19	23.04 -0.11 -1.14	25.62 -0.10 -1.27	30.04 -0.08 -1.96	34.94 -0.06 -2.97	30.37 -0.06 -2.34	27.28 -0.05 -2.04	26.81 -0.05 -1.09	24.63 -0.02 -0.82	19.54 0.02 -1.80	19.16 0.04 -1.61
GENERAL___MILLS 23808	25.47 -0.60 -0.95	24.35 -0.50 -1.01	23.33 -0.38 -1.26	19.19 -0.18 -2.85	19.80 -0.10 -2.95	22.34 -0.25 -3.45	30.71 -0.58 -3.81	30.91 -0.86 -5.57	30.09 -1.06 -3.97	25.50 -0.78 -2.61	25.47 -0.79 -0.81	24.90 -0.55 -0.56	22.41 -0.54 -1.49	22.80 -0.56 -1.65	23.17 -0.42 -1.58	25.74 -0.46 -1.76	30.35 -0.54 -2.71	35.76 -0.83 -4.56	31.38 -0.53 -3.82	28.16 -0.48 -3.36	27.27 -0.52 -2.02	24.99 -0.48 -1.64	20.41 -0.18 -2.87	20.22 0.14 -2.57
GE_PLASTICS___DRP 24183	29.70 0.35 -4.22	28.69 0.33 -4.52	28.39 0.31 -5.63	29.46 0.23 -12.71	30.38 0.25 -13.17	34.79 0.27 -15.39	44.88 0.41 -16.98	51.19 0.39 -24.60	45.17 0.46 -17.53	35.59 0.40 -11.50	29.45 0.43 -3.55	27.84 0.47 -2.48	28.43 0.41 -6.56	29.38 0.39 -7.28	29.40 0.42 -6.97	32.70 0.46 -7.79	40.72 0.56 -11.98	52.80 0.64 -20.12	45.54 0.59 -16.86	40.62 0.51 -14.82	35.22 0.54 -8.91	31.54 0.48 -7.23	30.69 0.30 -12.68	29.22 0.25 -11.45
GILBOA___1 23756	29.15 0.50 -3.52	28.11 0.50 -3.77	27.61 0.47 -4.70	27.46 0.35 -10.59	28.29 0.36 -10.98	32.37 0.40 -12.83	42.27 0.63 -14.16	47.26 0.55 -20.51	42.45 0.65 -14.61	33.86 0.59 -9.59	29.06 0.64 -2.96	27.58 0.62 -2.06	27.46 0.54 -5.47	28.32 0.54 -6.07	28.39 0.57 -5.81	31.57 0.63 -6.49	38.92 0.76 -9.99	49.61 0.80 -16.78	42.90 0.76 -14.05	38.33 0.68 -12.36	33.89 0.70 -7.42	30.46 0.60 -6.03	28.71 0.42 -10.57	27.47 0.40 -9.55
GILBOA___2 23757	29.15 0.50 -3.52	28.11 0.50 -3.77	27.61 0.47 -4.70	27.46 0.35 -10.59	28.29 0.36 -10.98	32.37 0.40 -12.83	42.27 0.63 -14.16	47.26 0.55 -20.51	42.45 0.65 -14.61	33.86 0.59 -9.59	29.06 0.64 -2.96	27.58 0.62 -2.06	27.46 0.54 -5.47	28.32 0.54 -6.07	28.39 0.57 -5.81	31.57 0.63 -6.49	38.92 0.76 -9.99	49.61 0.80 -16.78	42.90 0.76 -14.05	38.33 0.68 -12.36	33.89 0.70 -7.42	30.46 0.60 -6.03	28.71 0.42 -10.57	27.47 0.40 -9.55
GILBOA___3 23758	29.15 0.50 -3.52	28.11 0.50 -3.77	27.61 0.47 -4.70	27.46 0.35 -10.59	28.29 0.36 -10.98	32.37 0.40 -12.83	42.27 0.63 -14.16	47.26 0.55 -20.51	42.45 0.65 -14.61	33.86 0.59 -9.59	29.06 0.64 -2.96	27.58 0.62 -2.06	27.46 0.54 -5.47	28.32 0.54 -6.07	28.39 0.57 -5.81	31.57 0.63 -6.49	38.92 0.76 -9.99	49.61 0.80 -16.78	42.90 0.76 -14.05	38.33 0.68 -12.36	33.89 0.70 -7.42	30.46 0.60 -6.03	28.71 0.42 -10.57	27.47 0.40 -9.55
GILBOA___4 23759	29.15 0.50 -3.52	28.11 0.50 -3.77	27.61 0.47 -4.70	27.46 0.35 -10.59	28.29 0.36 -10.98	32.37 0.40 -12.83	42.27 0.63 -14.16	47.26 0.55 -20.51	42.45 0.65 -14.61	33.86 0.59 -9.59	29.06 0.64 -2.96	27.58 0.62 -2.06	27.46 0.54 -5.47	28.32 0.54 -6.07	28.39 0.57 -5.81	31.57 0.63 -6.49	38.92 0.76 -9.99	49.61 0.80 -16.78	42.90 0.76 -14.05	38.33 0.68 -12.36	33.89 0.70 -7.42	30.46 0.60 -6.03	28.71 0.42 -10.57	27.47 0.40 -9.55
GILBOA____ 23599	29.15 0.50 -3.52	28.10 0.50 -3.77	27.61 0.47 -4.70	27.46 0.35 -10.59	28.29 0.36 -10.98	32.37 0.40 -12.83	42.27 0.63 -14.16	47.26 0.55 -20.51	42.45 0.65 -14.61	33.86 0.59 -9.59	29.06 0.64 -2.96	27.58 0.62 -2.06	27.46 0.54 -5.47	28.32 0.54 -6.07	28.39 0.57 -5.81	31.57 0.64 -6.49	38.92 0.76 -9.99	49.61 0.80 -16.78	42.90 0.76 -14.05	38.33 0.68 -12.36	33.89 0.70 -7.42	30.46 0.60 -6.03	28.71 0.43 -10.57	27.45 0.39 -9.55

GINNA____ 23603	24.62 -1.31 -0.80	23.48 -1.21 -0.85	22.41 -1.10 -1.07	18.13 -0.79 -2.40	18.66 -0.78 -2.49	21.19 -0.86 -2.91	29.38 -1.32 -3.21	29.45 -1.39 -4.64	29.05 -1.44 -3.31	24.64 -1.21 -2.17	24.83 -1.30 -0.67	24.11 -1.24 -0.47	21.63 -1.07 -1.24	21.96 -1.13 -1.37	22.27 -1.06 -1.32	24.72 -1.20 -1.47	29.14 -1.30 -2.26	34.40 -1.44 -3.80	30.04 -1.24 -3.18	26.95 -1.14 -2.80	26.24 -1.21 -1.68	24.05 -1.14 -1.37	19.33 -0.78 -2.39	19.02 -0.67 -2.17
GLEN PARK____ 23778	25.82 0.23 -0.47	24.53 0.19 -0.51	23.21 0.14 -0.63	18.06 0.12 -1.42	18.55 0.12 -1.47	21.15 0.29 -1.72	30.02 0.63 -1.90	29.74 0.79 -2.76	29.53 0.38 -1.96	24.97 0.00 -1.29	25.75 -0.10 -0.40	24.99 -0.17 -0.28	22.02 -0.17 -0.73	22.38 -0.15 -0.82	22.66 -0.13 -0.78	25.29 -0.02 -0.87	29.82 0.31 -1.34	32.00 0.58 0.61	27.38 0.62 1.33	24.38 0.51 1.41	24.04 0.52 2.25	21.77 0.33 2.40	16.84 0.11 0.98	16.50 0.07 1.09
GLENDALÉ_27_KV_LOAD 356172	30.37 1.73 -3.51	29.22 1.62 -3.76	28.66 1.53 -4.68	28.20 1.12 -10.56	29.04 1.15 -10.94	33.06 1.15 -12.77	43.34 1.76 -14.10	48.35 1.73 -20.42	43.77 2.04 -14.55	35.10 1.87 -9.55	30.45 2.04 -2.95	28.96 2.02 -2.05	28.66 1.76 -5.45	29.53 1.78 -6.04	29.58 1.78 -5.78	32.86 1.96 -6.47	40.37 2.25 -9.95	51.27 2.53 -16.70	44.22 2.14 -13.99	39.61 2.02 -12.30	35.14 1.98 -7.39	31.58 1.74 -6.00	29.61 1.36 -10.53	28.33 1.30 -9.51
GLENWOOD_IC_1_G5 23712	42.04 1.93 -14.97	41.31 1.79 -15.68	40.19 1.71 -16.04	38.98 1.24 -21.22	38.96 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.12 2.39 -14.55	40.93 2.11 -15.14	35.79 2.29 -8.04	34.95 2.24 -7.82	33.60 1.93 -10.21	34.01 1.98 -10.32	36.54 2.00 -12.53	38.75 2.25 -12.06	51.28 2.62 -20.49	77.97 3.01 -42.92	61.10 2.58 -30.43	45.89 2.40 -18.20	44.95 2.34 -16.84	41.20 2.05 -15.32	38.66 1.49 -19.46	36.90 1.40 -17.98
GLENWOOD_IC_2_G1 23688	41.96 1.86 -14.97	41.26 1.74 -15.68	40.12 1.64 -16.04	38.95 1.21 -21.22	38.93 1.24 -20.74	41.67 1.36 -21.17	47.32 2.15 -17.69	49.65 2.10 -21.36	44.04 2.31 -14.55	40.86 2.04 -15.14	35.71 2.21 -8.04	34.87 2.16 -7.82	33.53 1.87 -10.21	33.94 1.91 -10.32	36.48 1.94 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.85 2.88 -42.92	60.99 2.47 -30.43	45.76 2.28 -18.20	44.88 2.27 -16.84	41.13 1.98 -15.32	38.61 1.43 -19.46	36.90 1.40 -17.98
GLENWOOD_IC_3_G1 23689	41.96 1.86 -14.97	41.26 1.74 -15.68	40.12 1.64 -16.04	38.95 1.21 -21.22	38.93 1.24 -20.74	41.67 1.36 -21.17	47.32 2.15 -17.69	49.65 2.10 -21.36	44.04 2.31 -14.55	40.86 2.04 -15.14	35.71 2.21 -8.04	34.87 2.16 -7.82	33.53 1.87 -10.21	33.94 1.91 -10.32	36.48 1.94 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.85 2.88 -42.92	60.99 2.47 -30.43	45.76 2.28 -18.20	44.88 2.27 -16.84	41.13 1.98 -15.32	38.61 1.43 -19.46	36.90 1.40 -17.98
GLENWOOD____4 23550	42.04 1.93 -14.97	41.31 1.79 -15.68	40.19 1.71 -16.04	38.98 1.24 -21.22	38.96 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.12 2.39 -14.55	40.93 2.11 -15.14	35.79 2.29 -8.04	34.95 2.24 -7.82	33.60 1.93 -10.21	34.01 1.98 -10.32	36.54 2.00 -12.53	38.75 2.25 -12.06	51.28 2.62 -20.49	77.97 3.01 -42.92	61.10 2.58 -30.43	45.89 2.40 -18.20	44.95 2.34 -16.84	41.20 2.05 -15.32	38.66 1.49 -19.46	36.90 1.40 -17.98
GLENWOOD____5 23614	42.04 1.93 -14.97	41.31 1.79 -15.68	40.19 1.71 -16.04	38.98 1.24 -21.22	38.96 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.12 2.39 -14.55	40.93 2.11 -15.14	35.79 2.29 -8.04	34.95 2.24 -7.82	33.60 1.93 -10.21	34.01 1.98 -10.32	36.54 2.00 -12.53	38.75 2.25 -12.06	51.28 2.62 -20.49	77.97 3.01 -42.92	61.10 2.58 -30.43	45.89 2.40 -18.20	44.95 2.34 -16.84	41.20 2.05 -15.32	38.66 1.49 -19.46	36.90 1.40 -17.98
GLOBAL GREEN_PORT_GT1 23814	42.81 2.71 -14.97	42.05 2.53 -15.68	40.86 2.38 -16.04	39.51 1.77 -21.22	39.51 1.81 -20.74	42.37 2.07 -21.17	48.58 3.41 -17.69	50.80 3.25 -21.36	45.02 3.29 -14.55	41.50 2.67 -15.14	36.43 2.93 -8.04	35.49 2.79 -7.82	34.05 2.38 -10.21	34.46 2.43 -10.32	37.14 2.60 -12.53	39.65 3.15 -12.06	52.55 3.89 -20.49	79.49 4.48 -42.97	62.69 4.05 -30.55	47.35 3.74 -18.32	46.16 3.50 -16.88	42.27 3.08 -15.36	39.30 2.12 -19.46	37.48 1.98 -17.98
GLOBE____DSASP 323697	24.85 -1.18 -0.91	23.76 -1.05 -0.97	22.76 -0.90 -1.21	18.70 -0.55 -2.73	19.30 -0.47 -2.83	21.71 -0.73 -3.30	29.75 -1.37 -3.64	29.83 -1.70 -5.34	29.14 -1.85 -3.80	24.78 -1.40 -2.50	24.78 -1.45 -0.77	24.26 -1.17 -0.54	21.83 -1.05 -1.42	22.21 -1.09 -1.58	22.58 -0.95 -1.51	25.06 -1.08 -1.69	29.42 -1.35 -2.60	34.64 -1.76 -4.37	30.46 -1.29 -3.66	27.39 -1.11 -3.22	26.54 -1.16 -1.93	24.40 -1.00 -1.57	19.90 -0.57 -2.75	19.80 -0.18 -2.46
GOETHSLN____LBMP 323567	29.98 1.36 -3.50	28.85 1.26 -3.75	28.31 1.19 -4.68	27.95 0.88 -10.55	28.78 0.90 -10.93	32.83 0.92 -12.77	43.14 1.57 -14.10	48.14 1.52 -20.42	43.52 1.79 -14.55	34.84 1.61 -9.55	30.19 1.78 -2.95	28.69 1.74 -2.05	28.41 1.50 -5.45	29.29 1.54 -6.04	29.36 1.56 -5.78	32.62 1.71 -6.46	40.06 1.94 -9.95	50.92 2.18 -16.70	43.83 1.74 -13.99	39.33 1.74 -12.30	34.89 1.73 -7.39	31.31 1.48 -6.00	29.33 1.10 -10.52	28.06 1.03 -9.51
GOLAH____69_KV_TB 1_2 80279	25.77 -0.18 -0.82	24.60 -0.12 -0.88	23.49 -0.04 -1.09	18.99 0.00 -2.46	19.54 0.03 -2.55	22.12 0.00 -2.98	30.88 0.11 -3.29	30.91 -0.13 -4.84	30.41 -0.22 -3.45	25.80 -0.14 -2.26	26.03 -0.13 -0.70	25.30 -0.07 -0.49	22.62 -0.13 -1.29	22.97 -0.17 -1.43	23.32 -0.07 -1.37	25.95 -0.02 -1.53	30.58 0.06 -2.36	36.06 0.06 -3.96	32.03 0.62 -3.32	28.79 0.58 -2.92	27.65 0.13 -1.75	25.33 0.07 -1.42	20.39 0.18 -2.50	20.19 0.46 -2.22
GOODYEAR_LAKE_HYD 323669	27.35 0.95 -1.27	26.10 0.91 -1.36	25.01 0.88 -1.69	21.00 0.66 -3.82	21.62 0.71 -3.95	24.62 0.86 -4.62	33.98 1.40 -5.10	34.98 1.39 -7.39	33.78 1.33 -5.26	28.18 1.04 -3.45	27.59 1.07 -1.07	26.65 1.02 -0.74	24.27 0.84 -1.97	24.72 0.83 -2.19	25.01 0.90 -2.09	27.86 1.08 -2.34	33.15 1.38 -3.60	39.71 1.63 -6.04	34.59 1.43 -5.06	31.00 1.26 -4.45	29.71 1.26 -2.67	27.08 1.07 -2.17	22.27 0.74 -3.81	21.67 0.72 -3.44
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.93 0.28 -1.52	25.76 0.29 -1.63	24.80 0.31 -2.04	21.36 0.25 -4.59	21.98 0.27 -4.76	25.01 0.31 -5.56	34.09 0.47 -6.14	35.52 0.42 -8.90	33.85 0.33 -6.34	28.10 0.26 -4.16	27.00 0.25 -1.29	26.08 0.30 -0.90	24.07 0.24 -2.37	24.58 0.24 -2.63	24.80 0.26 -2.52	27.63 0.37 -2.82	33.01 0.51 -4.33	39.89 0.58 -7.28	34.72 0.53 -6.10	31.13 0.48 -5.36	29.48 0.49 -3.22	26.85 0.41 -2.62	22.62 0.32 -4.58	22.03 0.37 -4.14
GOUDEY____7 23579	26.93 0.28 -1.52	25.78 0.31 -1.63	24.82 0.34 -2.04	21.38 0.26 -4.59	22.00 0.29 -4.76	25.02 0.33 -5.56	34.11 0.49 -6.14	35.54 0.45 -8.90	33.87 0.35 -6.34	28.15 0.31 -4.16	27.05 0.31 -1.29	26.11 0.32 -0.90	24.09 0.26 -2.37	24.60 0.26 -2.63	24.82 0.29 -2.52	27.65 0.39 -2.82	33.04 0.54 -4.33	39.92 0.61 -7.28	34.75 0.56 -6.10	31.15 0.51 -5.36	29.51 0.52 -3.22	26.88 0.43 -2.62	22.64 0.34 -4.58	22.04 0.39 -4.14

GOWANUS_GT4_6 24135	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.36 1.33 -9.51
GOWANUS_GT4_7 24136	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.36 1.33 -9.51
GOWANUS_GT4_8 24137	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.36 1.33 -9.51
GREENBSH_115KV_TB3 55895	29.56 0.20 -4.23	28.56 0.19 -4.53	28.25 0.16 -5.65	29.39 0.12 -12.75	30.30 0.14 -13.21	34.73 0.15 -15.44	44.76 0.25 -17.03	51.11 0.24 -24.67	45.06 0.30 -17.58	35.48 0.26 -11.54	29.33 0.31 -3.57	27.72 0.35 -2.48	28.36 0.32 -6.58	29.29 0.28 -7.30	29.31 0.31 -6.99	32.60 0.34 -7.81	40.58 0.39 -12.02	52.67 0.45 -20.18	45.42 0.42 -16.91	40.51 0.35 -14.87	35.11 0.41 -8.93	31.44 0.36 -7.25	30.64 0.21 -12.71	29.15 0.14 -11.49
GREENDGE_115KV_TB5 80291	26.45 0.28 -1.05	25.30 0.33 -1.12	24.21 0.36 -1.40	19.97 0.28 -3.16	20.55 0.32 -3.28	23.37 0.40 -3.83	32.34 0.63 -4.23	32.93 0.60 -6.13	31.98 0.43 -4.37	26.85 0.31 -2.87	26.62 0.28 -0.89	25.80 0.30 -0.62	23.31 0.21 -1.63	23.76 0.24 -1.81	24.04 0.29 -1.74	26.80 0.42 -1.94	31.75 0.59 -2.99	37.50 0.45 -5.01	32.97 0.67 -4.20	29.59 0.61 -3.69	28.58 0.59 -2.22	26.14 0.50 -1.80	21.26 0.39 -3.16	20.86 0.49 -2.85
GREENIDGE___3 23582	26.45 0.28 -1.05	25.30 0.33 -1.12	24.21 0.36 -1.40	19.97 0.28 -3.16	20.55 0.32 -3.28	23.37 0.40 -3.83	32.34 0.63 -4.23	32.93 0.60 -6.13	31.98 0.43 -4.37	26.85 0.31 -2.87	26.62 0.28 -0.89	25.80 0.30 -0.62	23.31 0.21 -1.63	23.76 0.24 -1.81	24.04 0.29 -1.74	26.80 0.42 -1.94	31.75 0.59 -2.99	37.50 0.45 -5.01	32.97 0.67 -4.20	29.59 0.61 -3.69	28.58 0.59 -2.22	26.14 0.50 -1.80	21.26 0.39 -3.16	20.86 0.49 -2.85
GREENIDGE___4 23583	26.45 0.28 -1.05	25.30 0.33 -1.12	24.21 0.36 -1.40	19.97 0.28 -3.16	20.55 0.32 -3.28	23.37 0.40 -3.83	32.34 0.63 -4.23	32.93 0.60 -6.13	31.98 0.43 -4.37	26.85 0.31 -2.87	26.62 0.28 -0.89	25.81 0.30 -0.62	23.31 0.21 -1.63	23.74 0.22 -1.81	24.04 0.29 -1.74	26.80 0.42 -1.94	31.75 0.59 -2.99	37.50 0.45 -5.01	32.97 0.67 -4.20	29.59 0.61 -3.69	28.58 0.59 -2.22	26.14 0.50 -1.80	21.26 0.39 -3.16	20.84 0.47 -2.85
GREENLWN_69_KV_BK 3 55738	41.88 1.78 -14.97	41.24 1.72 -15.68	40.15 1.66 -16.04	38.96 1.22 -21.22	38.93 1.24 -20.74	41.61 1.30 -21.17	47.07 1.90 -17.69	49.42 1.86 -21.36	43.82 2.09 -14.55	40.81 1.99 -15.14	35.69 2.19 -8.04	34.87 2.17 -7.82	33.53 1.87 -10.21	33.94 1.91 -10.32	36.43 1.89 -12.53	38.48 1.98 -12.06	50.94 2.28 -20.49	77.58 2.63 -42.92	60.89 2.39 -30.41	45.59 2.12 -18.18	44.64 2.04 -16.83	40.91 1.76 -15.32	38.45 1.28 -19.46	36.80 1.30 -17.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.36 1.33 -9.51
GRISSOM___SOLAR 323813	31.69 1.51 -5.05	30.58 1.33 -5.41	30.43 1.23 -6.75	32.71 0.96 -15.22	33.95 1.22 -15.78	39.07 1.49 -18.44	50.35 2.53 -20.34	58.16 2.49 -29.47	50.52 2.34 -21.00	39.07 1.61 -13.78	31.27 1.55 -4.26	29.25 1.39 -2.97	30.50 1.18 -7.86	31.71 1.28 -8.72	31.84 1.48 -8.35	35.65 1.88 -9.33	44.97 2.45 -14.36	59.19 3.05 -24.11	50.48 2.19 -20.19	44.81 1.77 -17.76	38.55 2.11 -10.67	34.28 1.79 -8.66	34.07 1.17 -15.18	32.25 1.02 -13.72
GROVEVILLE___HYD 323602	30.17 1.51 -3.54	29.03 1.41 -3.79	28.52 1.35 -4.72	28.17 0.99 -10.65	29.01 1.02 -11.04	33.09 1.05 -12.90	43.40 1.68 -14.24	48.39 1.57 -20.62	43.59 1.71 -14.69	34.82 1.49 -9.64	29.99 1.55 -2.98	28.46 1.49 -2.08	28.22 1.27 -5.50	29.12 1.30 -6.10	29.22 1.36 -5.84	32.51 1.54 -6.53	40.05 1.83 -10.05	51.15 2.24 -16.87	44.13 1.91 -14.13	39.43 1.72 -12.43	34.94 1.70 -7.47	31.40 1.50 -6.06	29.37 1.03 -10.63	28.08 0.96 -9.60
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.08 -2.26	21.89 0.11 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.09 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.40 0.22 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.15 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
HAMLTNNY_34_KV_TB 80303	25.95 0.08 -0.75	24.76 0.12 -0.80	23.58 0.13 -1.00	18.87 0.10 -2.25	19.40 0.12 -2.33	22.02 0.15 -2.72	30.71 0.22 -3.01	30.78 0.24 -4.34	30.47 0.19 -3.09	25.85 0.14 -2.03	26.21 0.13 -0.63	25.45 0.12 -0.44	22.72 0.11 -1.16	23.10 0.11 -1.28	23.33 0.09 -1.23	25.96 0.15 -1.37	30.51 0.23 -2.12	35.91 0.32 -3.55	31.35 0.28 -2.98	28.18 0.28 -2.62	27.57 0.23 -1.57	25.32 0.21 -1.28	20.15 0.19 -2.24	19.76 0.21 -2.03
HAMPSHIRE___PAPER_HYD 323593	24.51 -0.85 -0.24	23.17 -0.93 -0.26	21.76 -1.01 -0.32	16.46 -0.79 -0.73	16.79 -0.92 -0.75	19.08 -0.94 -0.88	27.19 -1.26 -0.97	26.88 -0.73 -1.41	27.21 -0.98 -1.01	23.25 -1.09 -0.66	24.47 -1.20 -0.20	23.61 -1.42 -0.14	20.63 -1.20 -0.38	20.96 -1.17 -0.42	21.20 -1.21 -0.40	23.50 -1.39 -0.45	27.22 -1.63 -0.69	21.79 -1.92 8.32	16.69 -1.71 9.69	14.36 -1.62 9.30	13.97 -1.57 10.22	12.07 -1.57 10.19	9.19 -1.31 7.22	9.02 -1.31 7.18
HARDSCRABBLE_WT_PWR 323673	26.21 0.98 -0.11	24.88 0.93 -0.12	23.44 0.85 -0.14	17.48 0.63 -0.33	17.93 0.64 -0.34	20.26 0.73 -0.40	28.99 1.07 -0.44	27.85 1.02 -0.63	28.61 0.98 -0.45	24.78 0.81 -0.30	26.46 0.92 -0.09	25.82 0.87 -0.06	22.33 0.71 -0.17	22.57 0.67 -0.19	22.88 0.68 -0.18	25.35 0.71 -0.20	29.29 0.82 -0.31	33.42 0.87 -0.52	29.14 0.62 -0.43	26.17 0.51 -0.38	26.62 0.62 -0.23	24.61 0.60 -0.19	18.47 0.42 -0.33	18.25 0.44 -0.29

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.78 1.33 -3.32	28.64 1.24 -3.56	28.07 1.19 -4.44	27.42 0.89 -10.01	28.24 0.92 -10.37	32.21 0.96 -12.12	42.40 1.54 -13.37	47.04 1.47 -19.37	42.56 1.58 -13.80	34.14 1.40 -9.06	29.76 1.50 -2.80	28.26 1.42 -1.95	27.85 1.22 -5.17	28.70 1.26 -5.73	28.82 1.32 -5.49	32.07 1.49 -6.13	39.41 1.80 -9.44	50.03 2.15 -15.85	43.11 1.74 -13.28	38.55 1.59 -11.67	34.41 1.62 -7.01	30.91 1.38 -5.70	28.67 0.97 -9.98	27.45 0.91 -9.02
HARSNRAD_115KV_TB1 81005	25.20 -0.83 -0.90	24.09 -0.72 -0.96	23.06 -0.58 -1.20	18.88 -0.35 -2.71	19.49 -0.27 -2.80	21.98 -0.44 -3.28	30.22 -0.88 -3.62	30.34 -1.21 -5.35	29.63 -1.36 -3.81	25.19 -0.99 -2.50	25.19 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.43	22.49 -0.80 -1.58	22.89 -0.64 -1.52	25.40 -0.73 -1.69	29.93 -0.85 -2.61	35.23 -1.19 -4.38	30.97 -0.79 -3.67	27.83 -0.68 -3.22	26.93 -0.77 -1.94	24.74 -0.67 -1.57	20.15 -0.32 -2.76	19.99 0.04 -2.44
HARZA MOOSE__RIVER 24016	25.64 0.25 -0.26	24.31 0.19 -0.28	22.93 0.13 -0.35	17.42 0.10 -0.80	17.86 0.08 -0.83	20.30 0.19 -0.97	28.96 0.41 -1.07	28.32 0.58 -1.55	28.69 0.41 -1.10	24.57 0.17 -0.72	25.81 0.13 -0.22	25.07 0.02 -0.16	21.89 0.02 -0.41	22.17 0.00 -0.46	22.50 0.04 -0.44	25.00 0.07 -0.49	29.15 0.23 -0.75	30.99 0.29 1.34	26.39 0.17 1.87	23.53 0.10 1.86	23.58 0.21 2.39	21.47 0.10 2.46	16.31 -0.02 1.39	16.05 -0.04 1.43
HDSNBRDG_115KV_BRDG_TB1 355580	25.69 -0.13 -0.69	24.48 -0.10 -0.73	23.29 -0.07 -0.92	18.54 -0.05 -2.07	19.06 -0.03 -2.14	21.62 -0.02 -2.50	30.19 -0.05 -2.76	30.14 -0.05 -4.00	29.95 -0.08 -2.85	25.48 -0.07 -1.87	25.93 -0.10 -0.58	25.22 -0.07 -0.40	22.46 -0.06 -1.07	22.83 -0.07 -1.18	23.06 -0.09 -1.13	25.63 -0.07 -1.27	30.06 -0.06 -1.95	34.95 -0.03 -2.94	30.37 -0.03 -2.31	27.28 -0.03 -2.02	26.82 -0.03 -1.07	24.64 0.00 -0.81	19.53 0.04 -1.78	19.18 0.07 -1.59
HELLGATE_13_KV_LD 55870	30.29 1.66 -3.51	29.15 1.55 -3.76	28.59 1.46 -4.68	28.15 1.07 -10.56	28.99 1.10 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.56 1.31 -10.53	28.28 1.24 -9.51
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.29 1.66 -3.51	29.15 1.55 -3.76	28.59 1.46 -4.68	28.15 1.07 -10.56	28.99 1.10 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.88 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.56 1.31 -10.53	28.28 1.24 -9.51
HEMPSTEAD____ 23647	41.88 1.78 -14.97	41.19 1.67 -15.68	40.06 1.57 -16.04	38.90 1.16 -21.22	38.86 1.17 -20.74	41.59 1.28 -21.17	47.24 2.06 -17.69	49.57 2.02 -21.36	43.96 2.23 -14.55	40.79 1.96 -15.14	35.61 2.11 -8.04	34.80 2.09 -7.82	33.45 1.78 -10.21	33.86 1.82 -10.32	36.41 1.87 -12.53	38.60 2.10 -12.06	51.09 2.42 -20.49	77.72 2.76 -42.92	60.91 2.39 -30.43	45.68 2.20 -18.20	44.77 2.16 -16.84	41.04 1.88 -15.32	38.56 1.38 -19.46	36.85 1.35 -17.98
HEWLETT__69_KV_BK3 55828	42.14 2.04 -14.97	41.41 1.88 -15.68	40.28 1.80 -16.04	39.04 1.31 -21.22	39.05 1.36 -20.74	41.78 1.47 -21.17	47.51 2.34 -17.69	49.84 2.28 -21.36	44.20 2.47 -14.55	41.00 2.18 -15.14	35.84 2.34 -8.04	35.02 2.31 -7.82	33.66 2.00 -10.21	34.05 2.02 -10.32	36.61 2.07 -12.53	38.82 2.32 -12.06	51.31 2.65 -20.49	78.00 3.04 -42.92	61.10 2.58 -30.43	45.89 2.40 -18.20	45.00 2.40 -16.84	41.30 2.14 -15.32	38.77 1.59 -19.46	36.99 1.49 -17.98
HICKLING____1 23621	26.62 0.23 -1.27	25.49 0.29 -1.36	24.48 0.34 -1.70	20.64 0.28 -3.83	21.26 0.34 -3.97	24.14 0.36 -4.64	33.07 0.47 -5.12	34.00 0.37 -7.43	32.64 0.16 -5.30	27.27 0.12 -3.48	26.66 0.13 -1.07	25.86 0.22 -0.75	23.57 0.13 -1.98	24.06 0.15 -2.20	24.34 0.22 -2.10	27.14 0.34 -2.35	32.27 0.48 -3.62	38.63 0.51 -6.08	33.75 0.56 -5.09	30.27 0.51 -4.48	28.90 0.44 -2.69	26.35 0.33 -2.19	21.86 0.32 -3.83	21.43 0.46 -3.45
HICKLING____2 23622	26.62 0.23 -1.27	25.49 0.29 -1.36	24.48 0.34 -1.70	20.64 0.28 -3.83	21.26 0.34 -3.97	24.14 0.36 -4.64	33.07 0.47 -5.12	34.00 0.37 -7.43	32.64 0.16 -5.30	27.27 0.12 -3.48	26.66 0.13 -1.07	25.86 0.22 -0.75	23.57 0.13 -1.98	24.06 0.15 -2.20	24.34 0.22 -2.10	27.14 0.34 -2.35	32.27 0.48 -3.62	38.63 0.51 -6.08	33.75 0.56 -5.09	30.27 0.51 -4.48	28.90 0.44 -2.69	26.35 0.33 -2.19	21.86 0.32 -3.83	21.43 0.46 -3.45
HIGH FALLS____HY 23754	30.13 1.46 -3.55	29.00 1.36 -3.80	28.49 1.30 -4.74	28.18 0.96 -10.69	29.00 0.97 -11.08	33.08 1.00 -12.95	43.39 1.62 -14.29	48.37 1.47 -20.70	43.51 1.58 -14.75	34.69 1.33 -9.68	29.82 1.37 -2.99	28.24 1.27 -2.08	27.90 0.92 -5.52	28.79 0.96 -6.13	28.91 1.03 -5.86	32.22 1.22 -6.55	39.77 1.52 -10.09	50.89 1.92 -16.93	43.79 1.52 -14.19	39.18 1.42 -12.47	34.91 1.65 -7.49	31.35 1.43 -6.09	29.36 0.97 -10.67	28.08 0.93 -9.64
HILLBURN____GT 23639	29.82 1.33 -3.36	28.68 1.24 -3.60	28.12 1.19 -4.49	27.54 0.89 -10.12	28.34 0.90 -10.49	32.35 0.96 -12.26	42.58 1.57 -13.53	47.31 1.52 -19.60	42.80 1.66 -13.96	34.31 1.47 -9.16	29.89 1.60 -2.83	28.41 1.54 -1.97	28.02 1.33 -5.23	28.88 1.37 -5.80	28.97 1.41 -5.55	32.23 1.59 -6.20	39.57 1.86 -9.55	50.25 2.18 -16.03	43.23 1.71 -13.43	38.66 1.57 -11.81	34.54 1.67 -7.09	31.02 1.43 -5.76	28.84 1.03 -10.10	27.64 1.00 -9.12
HILLSIDE_115KV_TB1 80332	26.32 -0.13 -1.32	25.18 -0.07 -1.41	24.23 0.02 -1.76	20.56 0.07 -3.97	21.16 0.10 -4.11	24.04 0.10 -4.80	32.84 0.05 -5.30	33.84 -0.05 -7.69	32.39 -0.27 -5.48	27.06 -0.21 -3.60	26.34 -0.23 -1.11	25.54 -0.12 -0.77	23.34 -0.17 -2.05	23.86 -0.13 -2.28	24.13 -0.07 -2.18	26.88 0.00 -2.44	32.00 0.08 -3.75	38.36 0.03 -6.29	33.45 0.08 -5.27	30.00 0.08 -4.63	28.63 0.08 -2.78	26.07 -0.02 -2.26	21.73 0.05 -3.96	21.29 0.19 -3.57
HISHELDN_WT_PWR 323625	25.60 -0.53 -1.00	24.45 -0.45 -1.07	23.44 -0.34 -1.33	19.36 -0.17 -3.01	19.95 -0.12 -3.11	22.55 -0.23 -3.64	30.92 -0.58 -4.02	31.20 -0.86 -5.86	30.36 -1.01 -4.18	25.64 -0.78 -2.74	25.52 -0.79 -0.85	24.93 -0.55 -0.59	22.49 -0.54 -1.56	22.88 -0.56 -1.74	23.24 -0.44 -1.66	25.83 -0.47 -1.86	30.49 -0.54 -2.86	35.97 -0.86 -4.80	31.55 -0.56 -4.02	28.37 -0.45 -3.53	27.35 -0.54 -2.12	25.08 -0.48 -1.72	20.52 -0.21 -3.02	20.28 0.05 -2.71
HOLTSVILLE_IC_1 23690	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.40 2.23 -17.69	49.65 2.10 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.40 1.74 -10.21	33.83 1.80 -10.32	36.39 1.85 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.92 2.92 -42.97	61.17 2.53 -30.55	45.98 2.38 -18.32	44.95 2.29 -16.88	41.22 2.02 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98

HOLTSVILLE_IC_10 23699	42.11 2.01 -14.97	41.38 1.86 -15.68	40.26 1.77 -16.04	39.04 1.30 -21.22	39.05 1.36 -20.74	41.80 1.49 -21.17	47.56 2.39 -17.69	49.83 2.28 -21.36	44.09 2.36 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.50 1.96 -12.53	38.84 2.35 -12.06	51.39 2.73 -20.49	78.14 3.14 -42.97	61.39 2.75 -30.55	46.18 2.58 -18.31	45.13 2.47 -16.88	41.36 2.17 -15.36	38.73 1.56 -19.46	37.01 1.51 -17.98
HOLTSVILLE_IC_2 23691	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.40 2.23 -17.69	49.65 2.10 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.40 1.74 -10.21	33.83 1.80 -10.32	36.39 1.85 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.92 2.92 -42.97	61.17 2.53 -30.55	45.98 2.38 -18.32	44.95 2.29 -16.88	41.22 2.02 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98
HOLTSVILLE_IC_3 23692	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.40 2.23 -17.69	49.65 2.10 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.40 1.74 -10.21	33.83 1.80 -10.32	36.39 1.85 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.92 2.92 -42.97	61.17 2.53 -30.55	45.98 2.38 -18.32	44.95 2.29 -16.88	41.22 2.02 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98
HOLTSVILLE_IC_4 23693	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.40 2.23 -17.69	49.65 2.10 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.40 1.74 -10.21	33.83 1.80 -10.32	36.39 1.85 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.92 2.92 -42.97	61.17 2.53 -30.55	45.98 2.38 -18.32	44.95 2.29 -16.88	41.22 2.02 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98
HOLTSVILLE_IC_5 23694	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.40 2.23 -17.69	49.65 2.10 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.40 1.74 -10.21	33.83 1.80 -10.32	36.39 1.85 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.92 2.92 -42.97	61.17 2.53 -30.55	45.98 2.38 -18.32	44.95 2.29 -16.88	41.22 2.02 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98
HOLTSVILLE_IC_6 23695	42.11 2.01 -14.97	41.38 1.86 -15.68	40.26 1.77 -16.04	39.04 1.30 -21.22	39.05 1.36 -20.74	41.80 1.49 -21.17	47.56 2.39 -17.69	49.83 2.28 -21.36	44.09 2.36 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.50 1.96 -12.53	38.84 2.35 -12.06	51.39 2.73 -20.49	78.14 3.14 -42.97	61.39 2.75 -30.55	46.18 2.58 -18.31	45.13 2.47 -16.88	41.36 2.17 -15.36	38.73 1.56 -19.46	37.01 1.51 -17.98
HOLTSVILLE_IC_7 23696	42.11 2.01 -14.97	41.38 1.86 -15.68	40.26 1.77 -16.04	39.04 1.30 -21.22	39.05 1.36 -20.74	41.80 1.49 -21.17	47.56 2.39 -17.69	49.83 2.28 -21.36	44.09 2.36 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.50 1.96 -12.53	38.84 2.35 -12.06	51.39 2.73 -20.49	78.14 3.14 -42.97	61.39 2.75 -30.55	46.18 2.58 -18.31	45.13 2.47 -16.88	41.36 2.17 -15.36	38.73 1.56 -19.46	37.01 1.51 -17.98
HOLTSVILLE_IC_8 23697	42.11 2.01 -14.97	41.38 1.86 -15.68	40.26 1.77 -16.04	39.04 1.30 -21.22	39.05 1.36 -20.74	41.80 1.49 -21.17	47.56 2.39 -17.69	49.83 2.28 -21.36	44.09 2.36 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.50 1.96 -12.53	38.84 2.35 -12.06	51.39 2.73 -20.49	78.14 3.14 -42.97	61.39 2.75 -30.55	46.18 2.58 -18.31	45.13 2.47 -16.88	41.36 2.17 -15.36	38.73 1.56 -19.46	37.01 1.51 -17.98
HOLTSVILLE_IC_9 23698	42.11 2.01 -14.97	41.38 1.86 -15.68	40.26 1.77 -16.04	39.04 1.30 -21.22	39.05 1.36 -20.74	41.80 1.49 -21.17	47.56 2.39 -17.69	49.83 2.28 -21.36	44.09 2.36 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.50 1.96 -12.53	38.84 2.35 -12.06	51.39 2.73 -20.49	78.14 3.14 -42.97	61.39 2.75 -30.55	46.18 2.58 -18.31	45.13 2.47 -16.88	41.36 2.17 -15.36	38.73 1.56 -19.46	37.01 1.51 -17.98
HOMER_HL_115KV_TB2 355744	25.34 -0.78 -0.99	24.26 -0.64 -1.07	23.33 -0.45 -1.33	19.29 -0.23 -3.00	19.89 -0.17 -3.11	22.50 -0.27 -3.63	30.97 -0.52 -4.01	31.37 -0.68 -5.86	30.29 -1.06 -4.17	25.54 -0.88 -2.74	25.41 -0.89 -0.85	24.78 -0.70 -0.59	22.33 -0.69 -1.56	22.75 -0.69 -1.73	23.12 -0.55 -1.66	25.76 -0.54 -1.85	30.51 -0.51 -2.85	36.09 -0.74 -4.79	31.60 -0.51 -4.01	28.31 -0.51 -3.53	27.37 -0.52 -2.12	24.96 -0.60 -1.72	20.41 -0.32 -3.02	20.17 -0.05 -2.70
HOWARD_WT_PWR 323690	26.52 0.28 -1.11	25.34 0.31 -1.19	24.27 0.34 -1.49	20.15 0.28 -3.35	20.75 0.32 -3.47	23.52 0.33 -4.06	32.24 0.27 -4.48	32.81 0.11 -6.50	31.68 -0.14 -4.63	26.60 -0.12 -3.04	26.32 -0.08 -0.94	25.62 0.07 -0.65	23.17 -0.02 -1.73	23.63 0.00 -1.92	23.94 0.09 -1.84	26.67 0.17 -2.06	31.51 0.17 -3.17	37.42 0.06 -5.32	32.72 0.17 -4.45	29.43 0.23 -3.92	28.25 0.13 -2.35	25.84 0.10 -1.91	21.22 0.16 -3.35	20.87 0.33 -3.02
HQ_GEN_CEDARS 23644	23.82 -1.46 -0.15	22.42 -1.57 -0.16	20.94 -1.71 -0.20	15.63 -1.34 -0.44	15.83 -1.58 -0.46	17.95 -1.72 -0.54	25.57 -2.50 -0.59	25.29 -1.78 -0.87	25.87 -1.93 -0.62	22.22 -1.87 -0.41	23.60 -1.99 -0.13	22.66 -2.31 -0.09	19.78 -1.91 -0.23	20.12 -1.85 -0.26	20.28 -1.98 -0.25	22.37 -2.35 -0.28	25.66 -2.93 -0.42	12.98 -3.62 15.44	6.85 -3.20 18.04	5.31 -2.91 17.07	4.86 -2.94 17.98	3.21 -2.81 17.81	2.39 -2.23 13.09	2.35 -2.21 12.96
HQ_GEN_CEDARS_PROXY 323590	23.82 -1.46 -0.15	22.42 -1.57 -0.16	20.94 -1.71 -0.20	15.63 -1.34 -0.44	15.83 -1.58 -0.46	17.95 -1.72 -0.54	25.57 -2.50 -0.59	26.36 -1.78 -1.94	24.80 -1.93 0.45	22.22 -1.87 -0.41	23.60 -1.99 -0.13	22.66 -2.31 -0.09	19.78 -1.91 -0.23	20.12 -1.85 -0.26	20.28 -1.98 -0.25	22.37 -2.35 -0.28	25.66 -2.93 -0.42	12.98 -3.62 15.44	6.85 -3.20 18.04	5.28 -2.93 17.07	4.86 -2.94 17.98	3.21 -2.81 17.81	2.39 -2.23 13.09	2.37 -2.19 12.96
HQ_GEN_IMPORT 323601	23.52 -1.73 -0.13	22.14 -1.84 -0.14	20.67 -1.95 -0.17	15.39 -1.52 -0.39	15.61 -1.75 -0.40	17.66 -1.95 -0.47	25.17 -2.83 -0.52	25.71 -2.31 -1.82	24.20 -2.45 0.53	21.73 -2.30 -0.35	23.15 -2.42 -0.11	22.28 -2.69 -0.08	19.41 -2.25 -0.20	19.74 -2.19 -0.22	19.87 -2.36 -0.21	21.92 -2.76 -0.24	25.07 -3.47 -0.37	10.78 -4.23 17.02	0.84 -3.71 23.54	0.89 -3.39 21.01	2.66 -3.40 19.70	1.08 -3.24 19.51	0.78 -2.53 14.40	0.78 -2.51 14.24
HQ_GEN_WHEEL 23651	23.52 -1.73 -0.13	22.14 -1.84 -0.14	20.67 -1.95 -0.17	15.39 -1.52 -0.39	15.61 -1.75 -0.40	17.66 -1.95 -0.47	25.17 -2.83 -0.52	25.71 -2.31 -1.82	24.20 -2.45 0.53	21.73 -2.30 -0.35	23.15 -2.42 -0.11	22.28 -2.69 -0.08	19.41 -2.25 -0.20	19.74 -2.19 -0.22	19.87 -2.36 -0.21	21.92 -2.76 -0.24	25.07 -3.47 -0.37	10.78 -4.23 17.02	0.84 -3.71 23.54	0.89 -3.39 21.01	2.66 -3.40 19.70	1.08 -3.24 19.51	0.78 -2.53 14.40	0.78 -2.51 14.24

HUDSON AVE_GT_3 23810	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.31 1.73 -14.10	48.32 1.70 -20.42	43.69 1.96 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.54 1.63 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.46	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.04 1.88 -7.39	31.46 1.62 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51
HUDSON AVE_GT_4 23540	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.31 1.73 -14.10	48.32 1.70 -20.42	43.69 1.96 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.54 1.63 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.46	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.04 1.88 -7.39	31.46 1.62 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51
HUDSON AVE_GT_5 23657	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.31 1.73 -14.10	48.32 1.70 -20.42	43.69 1.96 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.54 1.63 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.46	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.04 1.88 -7.39	31.46 1.62 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51
HUDSON_AVE_10 24168	30.11 1.48 -3.50	28.95 1.36 -3.75	28.40 1.28 -4.68	28.00 0.93 -10.55	28.83 0.95 -10.93	32.91 1.00 -12.77	43.25 1.68 -14.10	48.27 1.65 -20.42	43.66 1.93 -14.55	34.93 1.70 -9.55	30.29 1.88 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.46	40.20 2.08 -9.95	51.11 2.37 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
HUDSON___115KV_TB 4 355613	30.15 0.90 -4.12	29.06 0.81 -4.41	28.69 0.74 -5.50	29.49 0.55 -12.42	30.46 0.64 -12.87	34.84 0.67 -15.04	45.17 1.10 -16.59	51.23 1.00 -24.03	45.31 1.01 -17.13	35.63 0.71 -11.24	29.62 0.69 -3.47	27.93 0.62 -2.42	28.43 0.56 -6.41	29.39 0.56 -7.11	29.46 0.64 -6.81	32.83 0.78 -7.61	40.98 1.10 -11.71	53.20 1.51 -19.66	45.94 1.38 -16.47	40.91 1.14 -14.48	35.76 1.29 -8.70	32.02 1.12 -7.07	30.81 0.71 -12.38	29.32 0.61 -11.19
HUNTER MOUNT___DRP 323613	30.24 1.08 -4.03	29.11 0.95 -4.32	28.70 0.88 -5.38	29.31 0.64 -12.14	30.30 0.76 -12.58	34.63 0.78 -14.70	45.00 1.29 -16.23	50.83 1.13 -23.50	45.04 1.11 -16.75	35.43 0.76 -10.99	29.57 0.71 -3.40	27.88 0.62 -2.37	28.29 0.56 -6.27	29.21 0.54 -6.95	29.31 0.64 -6.66	32.69 0.81 -7.44	40.83 1.21 -11.45	52.96 1.70 -19.23	45.83 1.63 -16.11	40.74 1.29 -14.16	35.64 1.37 -8.51	31.93 1.19 -6.91	30.57 0.74 -12.11	29.13 0.67 -10.94
HUNTINGTON_RES_REC 323705	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.67 1.36 -21.17	47.24 2.06 -17.69	49.55 1.99 -21.36	43.90 2.18 -14.55	40.79 1.96 -15.14	35.66 2.16 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.43 1.89 -12.53	38.60 2.10 -12.06	51.11 2.45 -20.49	77.76 2.82 -42.91	61.08 2.61 -30.37	45.78 2.35 -18.14	44.81 2.22 -16.82	41.07 1.93 -15.30	38.56 1.38 -19.46	36.90 1.40 -17.98
HUNTLEY___63 23557	25.41 -0.63 -0.91	24.32 -0.50 -0.98	23.29 -0.38 -1.22	19.10 -0.18 -2.76	19.71 -0.10 -2.86	22.21 -0.27 -3.34	30.51 -0.66 -3.68	30.64 -0.97 -5.41	29.92 -1.11 -3.86	25.41 -0.81 -2.53	25.40 -0.84 -0.78	24.86 -0.57 -0.54	22.34 -0.56 -1.44	22.70 -0.61 -1.60	23.11 -0.44 -1.53	25.64 -0.51 -1.71	30.19 -0.62 -2.64	35.50 -0.96 -4.43	31.21 -0.59 -3.71	28.02 -0.53 -3.26	27.16 -0.57 -1.96	24.95 -0.48 -1.59	20.31 -0.19 -2.79	20.16 0.16 -2.48
HUNTLEY___64 23558	25.41 -0.63 -0.91	24.32 -0.50 -0.98	23.29 -0.38 -1.22	19.10 -0.18 -2.76	19.71 -0.10 -2.86	22.21 -0.27 -3.34	30.51 -0.66 -3.68	30.64 -0.97 -5.41	29.92 -1.11 -3.86	25.41 -0.81 -2.53	25.40 -0.84 -0.78	24.86 -0.57 -0.54	22.34 -0.56 -1.44	22.70 -0.61 -1.60	23.11 -0.44 -1.53	25.64 -0.51 -1.71	30.19 -0.62 -2.64	35.50 -0.96 -4.43	31.21 -0.59 -3.71	28.02 -0.53 -3.26	27.16 -0.57 -1.96	24.95 -0.48 -1.59	20.31 -0.19 -2.79	20.16 0.16 -2.48
HUNTLEY___65 23559	25.41 -0.63 -0.91	24.32 -0.50 -0.98	23.29 -0.38 -1.22	19.10 -0.18 -2.76	19.71 -0.10 -2.86	22.21 -0.27 -3.34	30.51 -0.66 -3.68	30.64 -0.97 -5.41	29.92 -1.11 -3.86	25.41 -0.81 -2.53	25.40 -0.84 -0.78	24.86 -0.57 -0.54	22.34 -0.56 -1.44	22.70 -0.61 -1.60	23.11 -0.44 -1.53	25.64 -0.51 -1.71	30.19 -0.62 -2.64	35.50 -0.96 -4.43	31.21 -0.59 -3.71	28.02 -0.53 -3.26	27.16 -0.57 -1.96	24.95 -0.48 -1.59	20.31 -0.19 -2.79	20.16 0.16 -2.48
HUNTLEY___66 23560	25.41 -0.63 -0.91	24.32 -0.50 -0.98	23.29 -0.38 -1.22	19.10 -0.18 -2.76	19.71 -0.10 -2.86	22.21 -0.27 -3.34	30.51 -0.66 -3.68	30.64 -0.97 -5.41	29.92 -1.11 -3.86	25.41 -0.81 -2.53	25.40 -0.84 -0.78	24.86 -0.57 -0.54	22.34 -0.56 -1.44	22.70 -0.61 -1.60	23.11 -0.44 -1.53	25.64 -0.51 -1.71	30.19 -0.62 -2.64	35.50 -0.96 -4.43	31.21 -0.59 -3.71	28.02 -0.53 -3.26	27.16 -0.57 -1.96	24.95 -0.48 -1.59	20.31 -0.19 -2.79	20.16 0.16 -2.48
HUNTLEY___67 23561	25.25 -0.80 -0.93	24.14 -0.69 -0.99	23.12 -0.56 -1.24	19.00 -0.31 -2.79	19.60 -0.24 -2.89	22.11 -0.40 -3.38	30.33 -0.88 -3.73	30.44 -1.21 -5.45	29.71 -1.36 -3.88	25.23 -0.99 -2.55	25.20 -1.04 -0.79	24.67 -0.77 -0.55	22.18 -0.73 -1.45	22.56 -0.76 -1.61	22.94 -0.62 -1.54	25.48 -0.68 -1.73	30.01 -0.82 -2.65	35.31 -1.19 -4.46	31.04 -0.79 -3.73	27.86 -0.71 -3.28	26.99 -0.75 -1.97	24.79 -0.64 -1.60	20.20 -0.32 -2.81	20.07 0.04 -2.51
HUNTLEY___68 23562	25.25 -0.80 -0.93	24.14 -0.69 -0.99	23.12 -0.56 -1.24	19.00 -0.31 -2.79	19.60 -0.24 -2.89	22.11 -0.40 -3.38	30.33 -0.88 -3.73	30.44 -1.21 -5.45	29.71 -1.36 -3.88	25.23 -0.99 -2.55	25.20 -1.04 -0.79	24.67 -0.77 -0.55	22.18 -0.73 -1.45	22.56 -0.76 -1.61	22.94 -0.62 -1.54	25.48 -0.68 -1.73	30.01 -0.82 -2.65	35.31 -1.19 -4.46	31.04 -0.79 -3.73	27.86 -0.71 -3.28	26.99 -0.75 -1.97	24.79 -0.64 -1.60	20.20 -0.32 -2.81	20.07 0.04 -2.51
HYLAND___LFGE 323620	26.94 0.83 -0.99	25.75 0.86 -1.06	24.62 0.85 -1.32	20.12 0.63 -2.97	20.74 0.71 -3.08	23.62 0.88 -3.60	32.66 1.21 -3.97	32.95 1.00 -5.76	32.07 0.79 -4.10	26.80 0.43 -2.69	26.54 0.25 -0.83	25.69 0.22 -0.58	23.08 0.09 -1.54	23.57 0.15 -1.70	23.98 0.33 -1.63	26.75 0.49 -1.82	31.82 0.84 -2.80	38.03 1.28 -4.71	33.47 1.43 -3.94	30.07 1.31 -3.47	28.96 1.11 -2.08	26.48 0.95 -1.69	21.43 0.74 -2.97	21.07 0.88 -2.68
INDECK___CORINTH 23802	30.16 0.68 -4.36	29.08 0.57 -4.67	28.78 0.52 -5.82	30.05 0.40 -13.13	31.10 0.54 -13.61	35.67 0.63 -15.90	46.16 1.13 -17.55	52.67 1.05 -25.42	46.33 1.03 -18.11	36.30 0.73 -11.89	29.89 0.76 -3.67	28.02 0.57 -2.56	28.78 0.54 -6.78	29.80 0.56 -7.52	29.83 0.62 -7.20	33.03 0.54 -8.05	41.20 0.65 -12.39	53.73 0.90 -20.80	46.38 0.87 -17.42	41.24 0.63 -15.32	35.54 0.57 -9.20	31.71 0.40 -7.47	31.27 0.46 -13.10	29.81 0.45 -11.84

INDECK___ILION 23567	25.76 0.53 -0.11	24.46 0.50 -0.12	23.04 0.45 -0.14	17.18 0.33 -0.33	17.63 0.34 -0.34	19.92 0.38 -0.40	28.50 0.58 -0.44	27.41 0.58 -0.63	28.18 0.54 -0.45	24.40 0.43 -0.30	26.03 0.48 -0.09	25.40 0.45 -0.06	21.99 0.36 -0.17	22.25 0.35 -0.19	22.55 0.35 -0.18	25.01 0.37 -0.20	28.93 0.45 -0.31	33.04 0.48 -0.52	28.89 0.37 -0.43	25.97 0.30 -0.38	26.36 0.36 -0.23	24.35 0.33 -0.19	18.27 0.23 -0.33	18.06 0.25 -0.29
INDECK___OLEAN 23982	25.34 -0.78 -0.99	24.26 -0.64 -1.07	23.33 -0.45 -1.33	19.29 -0.23 -3.00	19.89 -0.17 -3.11	22.50 -0.27 -3.63	30.97 -0.52 -4.01	31.37 -0.68 -5.86	30.29 -1.06 -4.17	25.54 -0.88 -2.74	25.41 -0.89 -0.85	24.78 -0.70 -0.59	22.33 -0.69 -1.56	22.75 -0.70 -1.73	23.12 -0.55 -1.66	25.76 -0.54 -1.85	30.51 -0.51 -2.85	36.09 -0.74 -4.79	31.60 -0.50 -4.01	28.33 -0.48 -3.53	27.35 -0.54 -2.12	24.96 -0.59 -1.72	20.41 -0.32 -3.02	20.13 -0.09 -2.70
INDECK___OSWEGO 23783	25.34 -0.40 -0.61	24.14 -0.36 -0.66	22.93 -0.34 -0.82	18.14 -0.23 -1.85	18.65 -0.22 -1.91	21.15 -0.23 -2.24	29.57 -0.38 -2.47	29.41 -0.37 -3.57	29.29 -0.44 -2.55	24.97 -0.38 -1.67	25.54 -0.43 -0.52	24.85 -0.40 -0.36	22.07 -0.34 -0.95	22.42 -0.35 -1.06	22.63 -0.40 -1.01	25.16 -0.42 -1.13	29.46 -0.45 -1.74	33.99 -0.45 -2.40	29.56 -0.39 -1.87	26.53 -0.35 -1.60	26.11 -0.36 -0.71	24.02 -0.28 -0.47	18.94 -0.18 -1.41	18.58 -0.18 -1.24
INDECK___YERKES 23781	25.44 -0.60 -0.91	24.34 -0.48 -0.98	23.31 -0.36 -1.22	19.11 -0.17 -2.76	19.72 -0.08 -2.86	22.23 -0.25 -3.34	30.53 -0.63 -3.68	30.67 -0.94 -5.41	29.95 -1.09 -3.86	25.43 -0.78 -2.53	25.42 -0.82 -0.78	24.89 -0.55 -0.54	22.37 -0.54 -1.44	22.73 -0.59 -1.60	23.13 -0.42 -1.53	25.67 -0.49 -1.71	30.21 -0.59 -2.64	35.57 -0.90 -4.43	31.21 -0.59 -3.71	28.04 -0.51 -3.26	27.19 -0.54 -1.96	24.97 -0.45 -1.59	20.33 -0.18 -2.79	20.13 0.12 -2.48
INDIAN POINT_GT_1 24139	29.91 1.31 -3.47	28.77 1.22 -3.72	28.28 1.19 -4.64	27.85 0.86 -10.47	28.68 0.88 -10.85	32.75 0.94 -12.67	43.01 1.54 -13.99	47.95 1.49 -20.26	43.28 1.66 -14.44	34.65 1.49 -9.48	29.99 1.60 -2.93	28.50 1.57 -2.04	28.21 1.35 -5.40	29.10 1.39 -6.00	29.16 1.41 -5.74	32.45 1.59 -6.42	39.84 1.80 -9.87	50.73 2.11 -16.57	43.72 1.74 -13.88	39.14 1.64 -12.21	34.75 1.65 -7.33	31.20 1.41 -5.96	29.16 1.01 -10.44	27.90 0.95 -9.43
INDIAN POINT_GT_2 23659	29.91 1.31 -3.47	28.77 1.22 -3.72	28.28 1.19 -4.64	27.85 0.86 -10.47	28.68 0.88 -10.85	32.75 0.94 -12.67	43.01 1.54 -13.99	47.95 1.49 -20.26	43.28 1.66 -14.44	34.65 1.49 -9.48	29.99 1.60 -2.93	28.50 1.57 -2.04	28.21 1.35 -5.40	29.10 1.39 -6.00	29.16 1.41 -5.74	32.45 1.59 -6.42	39.84 1.80 -9.87	50.73 2.11 -16.57	43.72 1.74 -13.88	39.14 1.64 -12.21	34.75 1.65 -7.33	31.20 1.41 -5.96	29.16 1.01 -10.44	27.90 0.95 -9.43
INDIAN POINT_GT_3 24019	29.91 1.31 -3.47	28.77 1.22 -3.72	28.28 1.19 -4.64	27.85 0.86 -10.47	28.68 0.88 -10.85	32.75 0.94 -12.67	43.01 1.54 -13.99	47.95 1.49 -20.26	43.28 1.66 -14.44	34.65 1.49 -9.48	29.99 1.60 -2.93	28.50 1.57 -2.04	28.21 1.35 -5.40	29.10 1.39 -6.00	29.16 1.41 -5.74	32.45 1.59 -6.42	39.84 1.80 -9.87	50.73 2.11 -16.57	43.72 1.74 -13.88	39.14 1.64 -12.21	34.75 1.65 -7.33	31.20 1.41 -5.96	29.16 1.01 -10.44	27.90 0.95 -9.43
INDIAN POINT___2 23530	29.84 1.28 -3.43	28.70 1.19 -3.67	28.20 1.17 -4.58	27.72 0.86 -10.34	28.53 0.86 -10.71	32.59 0.94 -12.52	42.81 1.51 -13.82	47.68 1.47 -20.01	43.07 1.63 -14.26	34.48 1.44 -9.36	29.93 1.58 -2.89	28.45 1.54 -2.01	28.13 1.33 -5.34	29.00 1.37 -5.92	29.07 1.39 -5.67	32.34 1.57 -6.34	39.72 1.80 -9.75	50.49 2.08 -16.37	43.55 1.74 -13.71	38.94 1.59 -12.06	34.64 1.62 -7.25	31.10 1.38 -5.88	29.02 0.99 -10.31	27.82 0.98 -9.32
INDIAN POINT___3 23531	29.88 1.28 -3.48	28.75 1.19 -3.72	28.23 1.14 -4.64	27.84 0.84 -10.47	28.67 0.86 -10.85	32.74 0.92 -12.68	42.96 1.48 -14.00	47.94 1.47 -20.27	43.23 1.60 -14.45	34.61 1.44 -9.48	29.94 1.55 -2.93	28.45 1.52 -2.04	28.18 1.31 -5.41	29.06 1.35 -6.00	29.12 1.36 -5.74	32.40 1.54 -6.42	39.82 1.77 -9.88	50.67 2.05 -16.59	43.70 1.71 -13.89	39.10 1.59 -12.22	34.71 1.60 -7.34	31.15 1.36 -5.96	29.15 0.99 -10.45	27.89 0.93 -9.44
INGHAM_C_115KV_TB7 356103	26.44 1.21 -0.11	25.08 1.12 -0.12	23.65 1.05 -0.14	17.63 0.78 -0.33	18.07 0.78 -0.34	20.43 0.90 -0.40	29.21 1.29 -0.44	28.09 1.26 -0.63	28.86 1.22 -0.45	24.99 1.02 -0.30	26.67 1.12 -0.09	26.02 1.07 -0.06	22.49 0.86 -0.17	22.75 0.85 -0.19	23.03 0.84 -0.18	25.55 0.90 -0.20	29.55 1.07 -0.31	33.74 1.19 -0.52	29.40 0.87 -0.43	26.40 0.73 -0.38	26.87 0.88 -0.23	24.88 0.86 -0.19	18.66 0.62 -0.33	18.44 0.63 -0.29
IP CORINTH___1 23988	30.29 0.80 -4.36	29.22 0.72 -4.67	28.92 0.65 -5.82	30.15 0.50 -13.13	31.21 0.64 -13.61	35.79 0.75 -15.90	46.32 1.29 -17.55	52.83 1.21 -25.42	46.49 1.20 -18.11	36.44 0.88 -11.89	30.05 0.92 -3.67	28.14 0.70 -2.56	28.88 0.64 -6.78	29.91 0.67 -7.52	29.94 0.73 -7.20	33.15 0.66 -8.05	41.37 0.82 -12.39	53.92 1.09 -20.80	46.55 1.04 -17.42	41.39 0.78 -15.32	35.67 0.70 -9.20	31.85 0.55 -7.47	31.38 0.57 -13.10	30.41 1.05 -11.84
IP___TICONDEROGA 23804	31.54 2.06 -4.35	30.34 1.84 -4.66	29.92 1.66 -5.81	30.90 1.26 -13.12	32.10 1.56 -13.59	36.86 1.84 -15.88	47.98 2.97 -17.53	54.50 2.91 -25.39	48.13 2.85 -18.09	37.73 2.18 -11.87	31.39 2.27 -3.67	29.41 1.97 -2.56	29.99 1.76 -6.77	31.00 1.78 -7.51	31.10 1.89 -7.19	34.53 2.05 -8.04	43.10 2.56 -12.37	56.07 3.27 -20.77	48.36 2.87 -17.40	42.89 2.30 -15.30	37.23 2.27 -9.19	33.16 1.86 -7.46	32.23 1.43 -13.08	31.13 1.79 -11.82
ISLIP_RES_REC 323679	42.23 2.13 -14.97	41.50 1.98 -15.68	40.37 1.89 -16.04	39.13 1.39 -21.22	39.12 1.42 -20.74	41.89 1.59 -21.17	47.76 2.58 -17.69	50.02 2.46 -21.36	44.26 2.53 -14.55	40.96 2.13 -15.14	35.84 2.34 -8.04	34.97 2.26 -7.82	33.60 1.93 -10.21	34.03 2.00 -10.32	36.63 2.09 -12.53	38.99 2.49 -12.06	51.59 2.93 -20.49	78.36 3.36 -42.96	61.57 2.95 -30.53	46.35 2.76 -18.30	45.30 2.65 -16.88	41.48 2.29 -15.36	38.84 1.66 -19.46	37.08 1.58 -17.98
JAMAICA___27_KV_LOAD 355505	30.29 1.66 -3.50	29.09 1.50 -3.75	28.54 1.41 -4.68	28.08 1.01 -10.55	28.93 1.05 -10.93	33.02 1.11 -12.77	43.50 1.92 -14.10	48.50 1.89 -20.42	43.88 2.15 -14.55	35.15 1.92 -9.55	30.52 2.11 -2.95	29.01 2.07 -2.05	28.69 1.78 -5.45	29.58 1.82 -6.04	29.62 1.83 -5.78	32.94 2.03 -6.46	40.48 2.37 -9.95	51.43 2.69 -16.70	44.33 2.25 -13.99	39.74 2.15 -12.30	35.25 2.09 -7.39	31.65 1.81 -6.00	29.58 1.35 -10.52	28.29 1.26 -9.51
JANIS___SOLAR 323808	27.85 1.41 -1.31	26.63 1.38 -1.41	25.50 1.30 -1.75	21.47 0.99 -3.96	22.10 1.05 -4.10	25.21 1.28 -4.79	34.77 2.01 -5.29	35.83 1.97 -7.66	34.30 1.66 -5.46	28.38 1.11 -3.58	27.58 1.02 -1.11	26.61 0.95 -0.77	24.25 0.75 -2.04	24.74 0.76 -2.27	25.07 0.88 -2.17	28.06 1.20 -2.43	33.65 1.75 -3.73	40.48 2.18 -6.27	35.22 1.88 -5.25	31.57 1.67 -4.62	30.27 1.73 -2.77	27.56 1.48 -2.25	22.73 1.06 -3.95	22.15 1.07 -3.56

JARVIS____ 23743	25.24 0.00 -0.11	23.96 0.00 -0.12	22.57 -0.02 -0.14	16.83 -0.02 -0.33	17.26 -0.03 -0.34	19.50 -0.04 -0.40	27.87 -0.05 -0.44	26.81 -0.03 -0.63	27.61 -0.03 -0.45	23.93 -0.05 -0.30	25.50 -0.05 -0.09	24.90 -0.05 -0.06	21.59 -0.04 -0.17	21.83 -0.06 -0.19	22.15 -0.04 -0.18	24.57 -0.07 -0.20	28.39 -0.08 -0.31	32.43 -0.13 -0.52	28.44 -0.08 -0.43	25.57 -0.10 -0.38	25.90 -0.10 -0.23	23.92 -0.09 -0.19	17.95 -0.09 -0.33	17.73 -0.09 -0.29
JENNISON____1 23625	28.27 1.56 -1.58	27.04 1.50 -1.70	26.00 1.44 -2.12	22.40 1.11 -4.77	23.05 1.15 -4.95	26.30 1.38 -5.78	36.06 2.20 -6.38	37.59 2.15 -9.24	35.67 1.90 -6.59	29.42 1.42 -4.32	28.22 1.43 -1.34	27.19 1.37 -0.93	25.06 1.14 -2.47	25.55 1.11 -2.74	25.84 1.21 -2.62	28.86 1.49 -2.93	34.70 2.03 -4.50	42.00 2.40 -7.56	36.53 2.11 -6.33	32.68 1.82 -5.57	31.00 1.88 -3.35	28.15 1.60 -2.72	23.61 1.13 -4.76	22.98 1.16 -4.30
JENNISON____2 23626	28.27 1.56 -1.58	27.04 1.50 -1.70	26.00 1.44 -2.12	22.40 1.11 -4.77	23.05 1.15 -4.95	26.30 1.38 -5.78	36.06 2.20 -6.38	37.59 2.15 -9.24	35.67 1.90 -6.59	29.42 1.42 -4.32	28.22 1.43 -1.34	27.19 1.37 -0.93	25.06 1.14 -2.47	25.55 1.11 -2.74	25.84 1.21 -2.62	28.86 1.49 -2.93	34.70 2.03 -4.50	42.00 2.40 -7.56	36.53 2.11 -6.33	32.68 1.82 -5.57	31.00 1.88 -3.35	28.15 1.60 -2.72	23.61 1.13 -4.76	22.98 1.16 -4.30
JERICHO_RISE_WT_PWR 323719	23.81 -1.46 -0.14	22.37 -1.62 -0.15	20.82 -1.82 -0.19	15.48 -1.47 -0.42	15.66 -1.73 -0.44	17.76 -1.89 -0.51	25.27 -2.77 -0.57	24.87 -2.15 -0.82	25.51 -2.26 -0.58	21.86 -2.20 -0.38	23.31 -2.27 -0.12	22.38 -2.59 -0.08	19.49 -2.19 -0.22	19.80 -2.15 -0.24	19.89 -2.36 -0.23	21.82 -2.88 -0.26	24.76 -3.80 -0.40	11.10 -4.81 16.13	0.58 -4.30 23.21	0.84 -3.97 20.48	3.20 -3.84 18.73	1.61 -3.67 18.55	1.13 -2.92 13.66	1.19 -2.82 13.51
KATONAH____115KV_46KV_TB4 355592	30.16 1.48 -3.55	29.00 1.36 -3.80	28.49 1.30 -4.74	28.19 0.96 -10.70	29.03 0.98 -11.09	33.15 1.05 -12.96	43.52 1.73 -14.30	48.62 1.70 -20.72	43.85 1.90 -14.76	35.14 1.78 -9.69	30.29 1.83 -2.99	28.77 1.79 -2.09	28.51 1.52 -5.53	29.38 1.54 -6.13	29.45 1.56 -5.87	32.69 1.69 -6.56	40.12 1.86 -10.09	51.20 2.21 -16.95	44.14 1.85 -14.20	39.52 1.74 -12.48	35.05 1.78 -7.50	31.45 1.53 -6.09	29.44 1.05 -10.68	28.11 0.95 -9.65
KCE_NY_1 323755	30.48 1.01 -4.35	29.42 0.93 -4.66	29.10 0.85 -5.81	30.27 0.64 -13.10	31.27 0.75 -13.57	35.86 0.86 -15.86	46.36 1.37 -17.50	52.86 1.31 -25.35	46.58 1.33 -18.07	36.60 1.07 -11.86	30.24 1.12 -3.66	28.46 1.02 -2.55	29.12 0.90 -6.76	30.15 0.93 -7.50	30.19 0.99 -7.18	33.54 1.07 -8.03	41.82 1.30 -12.35	54.38 1.60 -20.74	46.90 1.43 -17.37	41.78 1.21 -15.28	36.13 1.19 -9.18	32.31 1.02 -7.45	31.54 0.76 -13.06	30.02 0.70 -11.80
KCE_NY_6_ESR 323823	25.49 -0.58 -0.95	24.37 -0.48 -1.01	23.35 -0.36 -1.26	19.21 -0.17 -2.85	19.80 -0.10 -2.95	22.36 -0.23 -3.45	30.74 -0.55 -3.81	30.93 -0.84 -5.57	30.12 -1.03 -3.97	25.53 -0.76 -2.61	25.47 -0.79 -0.81	24.93 -0.52 -0.56	22.43 -0.52 -1.49	22.80 -0.56 -1.65	23.20 -0.40 -1.58	25.77 -0.44 -1.76	30.38 -0.51 -2.71	35.80 -0.80 -4.56	31.41 -0.50 -3.82	28.21 -0.43 -3.36	27.27 -0.52 -2.02	25.02 -0.45 -1.64	20.43 -0.16 -2.87	20.19 0.11 -2.57
KEDC_PORT_JEFF_GT2 24210	42.04 1.93 -14.97	41.33 1.81 -15.68	40.21 1.73 -16.04	39.01 1.27 -21.22	39.00 1.31 -20.74	41.74 1.44 -21.17	47.45 2.28 -17.69	49.68 2.12 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.56 2.06 -8.04	34.70 1.99 -7.82	33.38 1.72 -10.21	33.81 1.78 -10.32	36.37 1.83 -12.53	38.74 2.25 -12.06	51.23 2.56 -20.49	77.95 2.95 -42.97	61.26 2.61 -30.56	46.07 2.45 -18.33	45.03 2.37 -16.89	41.30 2.10 -15.37	38.68 1.50 -19.46	36.95 1.45 -17.98
KEDC_PORT_JEFF_GT3 24211	42.04 1.93 -14.97	41.33 1.81 -15.68	40.21 1.73 -16.04	39.01 1.27 -21.22	39.00 1.31 -20.74	41.74 1.44 -21.17	47.45 2.28 -17.69	49.68 2.12 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.56 2.06 -8.04	34.70 1.99 -7.82	33.38 1.72 -10.21	33.81 1.78 -10.32	36.37 1.83 -12.53	38.74 2.25 -12.06	51.23 2.56 -20.49	77.95 2.95 -42.97	61.26 2.61 -30.56	46.07 2.45 -18.33	45.03 2.37 -16.89	41.30 2.10 -15.37	38.68 1.50 -19.46	36.95 1.45 -17.98
KEDC_GLWD_GT4 24219	42.04 1.93 -14.97	41.31 1.79 -15.68	40.19 1.71 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.12 2.39 -14.55	40.93 2.11 -15.14	35.79 2.29 -8.04	34.95 2.24 -7.82	33.60 1.93 -10.21	34.01 1.98 -10.32	36.54 2.00 -12.53	38.74 2.25 -12.06	51.28 2.62 -20.49	77.97 3.01 -42.92	61.10 2.58 -30.43	45.86 2.38 -18.20	44.95 2.34 -16.84	41.20 2.05 -15.32	38.66 1.49 -19.46	36.95 1.45 -17.98
KEDC_GLWD_GT5 24220	42.04 1.93 -14.97	41.31 1.79 -15.68	40.19 1.71 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.70 1.40 -21.17	47.40 2.23 -17.69	49.73 2.17 -21.36	44.12 2.39 -14.55	40.93 2.11 -15.14	35.79 2.29 -8.04	34.95 2.24 -7.82	33.60 1.93 -10.21	34.01 1.98 -10.32	36.54 2.00 -12.53	38.74 2.25 -12.06	51.28 2.62 -20.49	77.97 3.01 -42.92	61.10 2.58 -30.43	45.86 2.38 -18.20	44.95 2.34 -16.84	41.20 2.05 -15.32	38.66 1.49 -19.46	36.95 1.45 -17.98
KENSICO____ 23655	30.01 1.38 -3.50	28.87 1.29 -3.74	28.35 1.23 -4.67	27.95 0.89 -10.54	28.79 0.92 -10.92	32.87 0.98 -12.76	43.16 1.59 -14.08	48.17 1.57 -20.39	43.48 1.77 -14.53	34.78 1.56 -9.54	30.11 1.71 -2.95	28.61 1.67 -2.05	28.34 1.44 -5.44	29.22 1.48 -6.03	29.29 1.50 -5.78	32.56 1.66 -6.46	40.02 1.92 -9.94	50.93 2.21 -16.68	43.89 1.83 -13.98	39.30 1.72 -12.29	34.85 1.70 -7.38	31.31 1.48 -6.00	29.29 1.06 -10.51	28.01 1.00 -9.50
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.96 1.46 -3.37	28.81 1.36 -3.61	28.25 1.30 -4.51	27.65 0.96 -10.17	28.47 0.98 -10.54	32.44 1.00 -12.31	42.72 1.65 -13.59	47.37 1.49 -19.68	42.78 1.58 -14.02	34.21 1.33 -9.20	29.65 1.35 -2.84	28.14 1.27 -1.98	27.59 0.88 -5.25	28.45 0.91 -5.82	28.56 0.97 -5.57	31.85 1.17 -6.23	39.22 1.46 -9.59	50.03 1.89 -16.10	43.12 1.55 -13.49	38.56 1.42 -11.86	34.54 1.65 -7.12	31.05 1.43 -5.79	28.83 0.97 -10.14	27.61 0.93 -9.16
KIAC_JFK_GT1 23816	30.21 1.58 -3.50	29.02 1.43 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.96 1.05 -12.77	43.39 1.81 -14.10	48.40 1.78 -20.42	43.77 2.04 -14.55	35.05 1.82 -9.55	30.42 2.01 -2.95	28.94 1.99 -2.05	28.62 1.72 -5.45	29.51 1.76 -6.04	29.56 1.76 -5.78	32.84 1.93 -6.46	40.37 2.25 -9.95	51.33 2.60 -16.70	44.25 2.16 -13.99	39.66 2.07 -12.30	35.17 2.01 -7.39	31.55 1.72 -6.00	29.51 1.28 -10.52	28.23 1.21 -9.51
KIAC_JFK_GT2 23817	30.21 1.58 -3.50	29.02 1.43 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.96 1.05 -12.77	43.39 1.81 -14.10	48.40 1.78 -20.42	43.77 2.04 -14.55	35.05 1.82 -9.55	30.42 2.01 -2.95	28.94 1.99 -2.05	28.62 1.72 -5.45	29.51 1.76 -6.04	29.56 1.76 -5.78	32.84 1.93 -6.46	40.37 2.25 -9.95	51.33 2.60 -16.70	44.25 2.16 -13.99	39.66 2.07 -12.30	35.17 2.01 -7.39	31.55 1.72 -6.00	29.51 1.28 -10.52	28.23 1.21 -9.51

KIAC_JFK____ 323774	30.21 1.58 -3.50	29.02 1.43 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.96 1.05 -12.77	43.39 1.81 -14.10	48.40 1.78 -20.42	43.77 2.04 -14.55	35.05 1.82 -9.55	30.42 2.01 -2.95	28.94 1.99 -2.05	28.62 1.72 -5.45	29.51 1.76 -6.04	29.56 1.76 -5.78	32.84 1.93 -6.46	40.37 2.25 -9.95	51.33 2.59 -16.70	44.25 2.16 -13.99	39.64 2.05 -12.30	35.17 2.01 -7.39	31.55 1.72 -6.00	29.51 1.28 -10.52	28.29 1.26 -9.51
KINTIGH____ 23543	25.33 -0.65 -0.86	24.18 -0.57 -0.92	23.14 -0.45 -1.14	18.85 -0.25 -2.58	19.45 -0.17 -2.67	21.95 -0.31 -3.12	30.18 -0.74 -3.44	30.19 -1.02 -5.01	29.61 -1.14 -3.57	25.22 -0.81 -2.35	25.32 -0.87 -0.72	24.75 -0.65 -0.50	22.22 -0.58 -1.34	22.57 -0.63 -1.48	22.93 -0.51 -1.42	25.47 -0.56 -1.59	29.93 -0.68 -2.44	35.21 -0.93 -4.10	30.91 -0.62 -3.44	27.75 -0.56 -3.02	26.99 -0.59 -1.82	24.81 -0.50 -1.47	20.09 -0.21 -2.58	19.91 0.07 -2.32
KNTFSRNC_46_KV_46KV_LOAD 80397	24.08 -1.18 -0.14	22.63 -1.36 -0.15	21.06 -1.57 -0.18	15.65 -1.29 -0.41	15.84 -1.54 -0.43	17.97 -1.66 -0.50	25.62 -2.42 -0.55	25.22 -1.78 -0.80	25.85 -1.90 -0.57	22.14 -1.92 -0.37	23.61 -1.96 -0.12	22.63 -2.34 -0.08	19.70 -1.97 -0.21	20.02 -1.93 -0.24	20.13 -2.11 -0.23	22.13 -2.57 -0.25	25.15 -3.41 -0.39	11.30 -4.36 16.38	0.88 -3.90 23.31	1.04 -3.62 20.63	3.36 -3.40 19.01	1.74 -3.27 18.83	1.19 -2.66 13.87	1.24 -2.56 13.72
LACHUTE____HYDRO 323717	31.54 2.06 -4.35	30.34 1.84 -4.66	29.92 1.66 -5.81	30.90 1.26 -13.12	32.10 1.56 -13.59	36.86 1.84 -15.88	47.98 2.97 -17.53	54.47 2.88 -25.39	48.13 2.85 -18.09	37.73 2.18 -11.87	31.39 2.26 -3.67	29.41 1.97 -2.56	29.99 1.76 -6.77	31.00 1.78 -7.51	31.10 1.89 -7.19	34.53 2.05 -8.04	43.10 2.56 -12.37	56.08 3.27 -20.77	48.36 2.87 -17.40	42.89 2.30 -15.30	37.23 2.27 -9.19	33.16 1.86 -7.46	32.23 1.43 -13.08	30.69 1.35 -11.82
LAWRNCV_115KV_TB1 80681	23.97 -1.33 -0.17	22.57 -1.45 -0.18	21.11 -1.57 -0.23	15.80 -1.24 -0.52	16.03 -1.46 -0.54	18.20 -1.57 -0.63	25.92 -2.25 -0.69	25.67 -1.55 -1.02	26.19 -1.71 -0.72	22.43 -1.73 -0.48	23.77 -1.83 -0.15	22.83 -2.17 -0.10	19.95 -1.78 -0.27	20.27 -1.74 -0.30	20.43 -1.87 -0.29	22.56 -2.20 -0.32	25.96 -2.70 -0.50	15.18 -3.33 13.53	9.58 -2.95 15.56	7.73 -2.71 14.85	7.17 -2.71 15.90	5.44 -2.62 15.77	4.09 -2.11 11.51	4.03 -2.08 11.41
LEDERLE____ 23769	29.95 1.43 -3.39	28.80 1.33 -3.63	28.27 1.30 -4.52	27.69 0.96 -10.21	28.51 0.98 -10.57	32.53 1.03 -12.36	42.80 1.68 -13.64	47.58 1.62 -19.75	43.02 1.77 -14.08	34.48 1.56 -9.24	29.99 1.68 -2.85	28.52 1.64 -1.99	28.12 1.39 -5.27	28.99 1.43 -5.84	29.08 1.47 -5.59	32.38 1.69 -6.25	39.76 1.97 -9.62	50.53 2.34 -16.16	43.57 1.94 -13.54	38.96 1.77 -11.90	34.70 1.78 -7.15	31.17 1.53 -5.81	28.97 1.08 -10.18	27.73 1.02 -9.20
LIGHTHSE_115KV_TB6 355974	25.54 -0.18 -0.59	24.32 -0.14 -0.63	23.07 -0.16 -0.78	18.19 -0.10 -1.76	18.69 -0.08 -1.83	21.23 -0.04 -2.14	29.84 0.00 -2.36	29.61 0.00 -3.41	29.45 -0.16 -2.43	25.04 -0.24 -1.60	25.70 -0.25 -0.49	24.96 -0.27 -0.34	22.13 -0.24 -0.91	22.48 -0.24 -1.01	22.74 -0.24 -0.97	25.30 -0.22 -1.08	29.69 -0.14 -1.66	33.53 -0.10 -1.59	29.05 -0.03 -0.98	26.00 -0.05 -0.76	25.59 -0.05 0.13	23.44 -0.05 0.35	18.41 -0.05 -0.75	18.06 -0.05 -0.59
LINDEN COGEN____ 23786	29.96 1.33 -3.50	28.83 1.24 -3.75	28.31 1.19 -4.68	27.93 0.86 -10.55	28.76 0.88 -10.93	32.83 0.92 -12.77	43.12 1.54 -14.10	48.11 1.49 -20.42	43.50 1.77 -14.55	34.84 1.61 -9.55	30.16 1.76 -2.95	28.66 1.72 -2.05	28.41 1.50 -5.45	29.29 1.54 -6.04	29.34 1.54 -5.78	32.62 1.71 -6.46	40.06 1.94 -9.95	50.92 2.18 -16.70	43.83 1.74 -13.99	39.28 1.69 -12.30	34.89 1.73 -7.39	31.29 1.45 -6.00	29.33 1.10 -10.52	28.11 1.09 -9.51
LINDHRST_69_KV_BK1 356055	42.16 2.06 -14.97	41.45 1.93 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.82 1.51 -21.17	47.62 2.45 -17.69	49.91 2.36 -21.36	44.26 2.53 -14.55	41.00 2.18 -15.14	35.89 2.39 -8.04	35.02 2.31 -7.82	33.66 2.00 -10.21	34.07 2.04 -10.32	36.65 2.11 -12.53	38.89 2.40 -12.06	51.39 2.73 -20.49	78.00 3.04 -42.92	61.08 2.56 -30.43	45.92 2.43 -18.20	45.06 2.45 -16.84	41.23 2.07 -15.32	38.77 1.59 -19.46	37.01 1.51 -17.98
LIPA_MISC_IPP 23656	42.04 1.93 -14.97	41.33 1.81 -15.68	40.21 1.73 -16.04	39.03 1.29 -21.22	39.02 1.32 -20.74	41.74 1.44 -21.17	47.54 2.36 -17.69	49.78 2.23 -21.36	44.04 2.31 -14.55	40.74 1.92 -15.14	35.64 2.14 -8.04	34.77 2.07 -7.82	33.42 1.76 -10.21	33.86 1.82 -10.32	36.46 1.92 -12.53	38.77 2.27 -12.06	51.37 2.70 -20.49	78.14 3.14 -42.96	61.37 2.72 -30.55	46.19 2.58 -18.32	45.12 2.47 -16.88	41.37 2.17 -15.36	38.70 1.52 -19.46	36.90 1.40 -17.98
LISF____SOLAR 323691	42.08 1.98 -14.97	41.36 1.84 -15.68	40.26 1.77 -16.04	39.04 1.30 -21.22	39.03 1.34 -20.74	41.78 1.47 -21.17	47.59 2.42 -17.69	49.83 2.28 -21.36	44.09 2.36 -14.55	40.77 1.94 -15.14	35.66 2.16 -8.04	34.77 2.06 -7.82	33.45 1.78 -10.21	33.88 1.84 -10.32	36.48 1.94 -12.53	38.82 2.32 -12.06	51.42 2.76 -20.49	78.21 3.20 -42.97	61.45 2.81 -30.55	46.24 2.63 -18.32	45.18 2.53 -16.88	41.41 2.22 -15.36	38.73 1.56 -19.46	36.99 1.49 -17.98
LITTLE FALLS____HYD 24013	26.44 1.21 -0.11	25.08 1.12 -0.12	23.65 1.05 -0.14	17.63 0.78 -0.33	18.07 0.78 -0.34	20.43 0.90 -0.40	29.21 1.29 -0.44	28.09 1.26 -0.63	28.86 1.22 -0.45	24.99 1.02 -0.30	26.67 1.12 -0.09	26.02 1.07 -0.06	22.49 0.86 -0.17	22.75 0.85 -0.19	23.03 0.84 -0.18	25.55 0.90 -0.20	29.55 1.07 -0.31	33.74 1.19 -0.52	29.40 0.87 -0.43	26.40 0.73 -0.38	26.87 0.88 -0.23	24.88 0.86 -0.19	18.66 0.62 -0.33	18.44 0.63 -0.29
LITTLRIV_115KV_TB1 356100	24.22 -1.08 -0.18	22.84 -1.19 -0.19	21.34 -1.35 -0.24	15.98 -1.07 -0.53	16.21 -1.29 -0.55	18.44 -1.34 -0.64	26.33 -1.87 -0.71	26.11 -1.13 -1.04	26.56 -1.36 -0.74	22.72 -1.44 -0.49	24.06 -1.55 -0.15	23.08 -1.92 -0.10	20.17 -1.57 -0.28	20.50 -1.52 -0.31	20.68 -1.63 -0.29	22.84 -1.93 -0.33	26.31 -2.37 -0.51	15.91 -2.92 13.21	10.33 -2.61 15.15	8.41 -2.40 14.48	7.85 -2.37 15.55	6.04 -2.36 15.43	4.53 -1.93 11.25	4.46 -1.91 11.15
LI_NEWBRDGE____DRP 323616	41.86 1.76 -14.97	41.17 1.64 -15.68	40.06 1.57 -16.04	38.90 1.16 -21.22	38.88 1.19 -20.74	41.59 1.28 -21.17	47.18 2.01 -17.69	49.52 1.96 -21.36	43.88 2.15 -14.55	40.74 1.92 -15.14	35.61 2.11 -8.04	34.77 2.07 -7.82	33.45 1.78 -10.21	33.86 1.82 -10.32	36.39 1.85 -12.53	38.53 2.03 -12.06	51.00 2.34 -20.49	77.65 2.69 -42.92	60.79 2.28 -30.43	45.61 2.12 -18.20	44.72 2.11 -16.84	40.99 1.84 -15.32	38.52 1.35 -19.46	36.80 1.30 -17.98
LOCKPORT_115KV_TB60_63_64 80432	25.17 -0.85 -0.89	24.06 -0.74 -0.96	23.06 -0.58 -1.19	18.87 -0.35 -2.70	19.47 -0.27 -2.79	21.94 -0.46 -3.26	30.20 -0.88 -3.60	30.33 -1.21 -5.34	29.63 -1.36 -3.80	25.18 -0.99 -2.50	25.19 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.42	22.49 -0.80 -1.58	22.87 -0.66 -1.51	25.40 -0.73 -1.69	29.92 -0.85 -2.60	35.22 -1.19 -4.37	30.96 -0.79 -3.66	27.82 -0.68 -3.22	26.93 -0.77 -1.93	24.73 -0.67 -1.57	20.15 -0.32 -2.75	19.98 0.04 -2.43

LOCKPORT___CC1 323769	25.20 -0.83 -0.90	24.09 -0.71 -0.96	23.06 -0.58 -1.20	18.88 -0.35 -2.71	19.48 -0.27 -2.80	21.98 -0.44 -3.28	30.22 -0.88 -3.62	30.34 -1.20 -5.35	29.64 -1.36 -3.81	25.19 -0.99 -2.50	25.19 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.43	22.49 -0.80 -1.58	22.89 -0.64 -1.52	25.40 -0.73 -1.69	29.93 -0.84 -2.61	35.23 -1.18 -4.38	30.97 -0.79 -3.67	27.85 -0.66 -3.22	26.93 -0.77 -1.94	24.74 -0.67 -1.57	20.15 -0.32 -2.76	19.96 0.00 -2.44
LOCKPORT___CC2 323770	25.20 -0.83 -0.90	24.09 -0.71 -0.96	23.06 -0.58 -1.20	18.88 -0.35 -2.71	19.48 -0.27 -2.80	21.98 -0.44 -3.28	30.22 -0.88 -3.62	30.34 -1.20 -5.35	29.64 -1.36 -3.81	25.19 -0.99 -2.50	25.19 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.43	22.49 -0.80 -1.58	22.89 -0.64 -1.52	25.40 -0.73 -1.69	29.93 -0.84 -2.61	35.23 -1.18 -4.38	30.97 -0.79 -3.67	27.85 -0.66 -3.22	26.93 -0.77 -1.94	24.74 -0.67 -1.57	20.15 -0.32 -2.76	19.96 0.00 -2.44
LOCKPORT___CC3 323771	25.20 -0.83 -0.90	24.09 -0.71 -0.96	23.06 -0.58 -1.20	18.88 -0.35 -2.71	19.48 -0.27 -2.80	21.98 -0.44 -3.28	30.22 -0.88 -3.62	30.34 -1.20 -5.35	29.64 -1.36 -3.81	25.19 -0.99 -2.50	25.19 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.43	22.49 -0.80 -1.58	22.89 -0.64 -1.52	25.40 -0.73 -1.69	29.93 -0.84 -2.61	35.23 -1.18 -4.38	30.97 -0.79 -3.67	27.85 -0.66 -3.22	26.93 -0.77 -1.94	24.74 -0.67 -1.57	20.15 -0.32 -2.76	19.96 0.00 -2.44
LONG_LAKE_PHOENIX 24014	25.51 -0.25 -0.63	24.30 -0.21 -0.68	23.11 -0.18 -0.85	18.30 -0.13 -1.91	18.81 -0.12 -1.98	21.33 -0.11 -2.31	29.84 -0.19 -2.55	29.71 -0.18 -3.69	29.60 -0.22 -2.63	25.22 -0.19 -1.73	25.76 -0.23 -0.53	25.06 -0.20 -0.37	22.25 -0.19 -0.98	22.61 -0.20 -1.09	22.84 -0.22 -1.05	25.39 -0.22 -1.17	29.74 -0.23 -1.80	34.47 -0.19 -2.62	29.92 -0.25 -2.08	26.88 -0.20 -1.80	26.50 -0.15 -0.88	24.37 -0.10 -0.64	19.23 -0.05 -1.57	18.87 -0.04 -1.39
LOVETT___3 23632	29.85 1.33 -3.40	28.71 1.24 -3.64	28.17 1.19 -4.54	27.63 0.88 -10.23	28.45 0.90 -10.60	32.48 0.96 -12.39	42.69 1.54 -13.67	47.52 1.52 -19.81	42.95 1.66 -14.11	34.41 1.47 -9.26	29.90 1.58 -2.86	28.43 1.54 -1.99	28.07 1.33 -5.28	28.94 1.37 -5.86	29.03 1.41 -5.61	32.30 1.59 -6.27	39.68 1.86 -9.65	50.39 2.15 -16.20	43.46 1.80 -13.57	38.89 1.67 -11.93	34.59 1.65 -7.17	31.06 1.41 -5.82	28.93 1.01 -10.21	27.69 0.95 -9.22
LOVETT___4 23642	29.85 1.33 -3.40	28.71 1.24 -3.64	28.17 1.19 -4.54	27.63 0.88 -10.23	28.45 0.90 -10.60	32.48 0.96 -12.39	42.69 1.54 -13.67	47.52 1.52 -19.81	42.95 1.66 -14.11	34.41 1.47 -9.26	29.90 1.58 -2.86	28.43 1.54 -1.99	28.07 1.33 -5.28	28.94 1.37 -5.86	29.03 1.41 -5.61	32.30 1.59 -6.27	39.68 1.86 -9.65	50.39 2.15 -16.20	43.46 1.80 -13.57	38.89 1.67 -11.93	34.59 1.65 -7.17	31.06 1.41 -5.82	28.93 1.01 -10.21	27.69 0.95 -9.22
LOVETT___5 23593	29.85 1.33 -3.40	28.71 1.24 -3.64	28.17 1.19 -4.54	27.63 0.88 -10.23	28.45 0.90 -10.60	32.48 0.96 -12.39	42.69 1.54 -13.67	47.52 1.52 -19.81	42.95 1.66 -14.11	34.41 1.47 -9.26	29.90 1.58 -2.86	28.43 1.54 -1.99	28.07 1.33 -5.28	28.94 1.37 -5.86	29.03 1.41 -5.61	32.30 1.59 -6.27	39.68 1.86 -9.65	50.39 2.15 -16.20	43.46 1.80 -13.57	38.89 1.67 -11.93	34.59 1.65 -7.17	31.06 1.41 -5.82	28.93 1.01 -10.21	27.69 0.95 -9.22
LOWER RAQUET___HYD 24057	24.00 -1.31 -0.18	22.63 -1.41 -0.19	21.14 -1.55 -0.24	15.86 -1.21 -0.54	16.09 -1.42 -0.56	18.26 -1.53 -0.66	26.04 -2.17 -0.73	25.80 -1.47 -1.06	26.28 -1.66 -0.76	22.50 -1.68 -0.50	23.83 -1.78 -0.15	22.88 -2.12 -0.11	19.98 -1.76 -0.28	20.33 -1.69 -0.31	20.49 -1.83 -0.30	22.63 -2.15 -0.34	26.04 -2.65 -0.52	15.88 -3.23 12.92	10.45 -2.87 14.78	8.49 -2.65 14.14	7.88 -2.65 15.23	6.14 -2.57 15.12	4.63 -2.07 11.01	4.55 -2.05 10.92
LOWER___HUDSON 24059	30.06 0.65 -4.28	29.06 0.64 -4.58	28.74 0.58 -5.71	29.86 0.45 -12.89	30.78 0.47 -13.36	35.30 0.56 -15.61	45.56 0.85 -17.22	51.96 0.81 -24.95	45.83 0.87 -17.78	36.08 0.73 -11.67	29.85 0.79 -3.61	28.17 0.77 -2.51	28.78 0.67 -6.65	29.77 0.67 -7.38	29.83 0.75 -7.07	33.15 0.81 -7.90	41.28 0.96 -12.16	53.54 1.09 -20.41	46.17 0.98 -17.10	41.18 0.86 -15.03	35.65 0.85 -9.03	31.93 0.76 -7.34	31.10 0.53 -12.86	29.59 0.45 -11.62
LOWVILLE_115KV_TB2 356335	25.43 0.03 -0.28	24.12 -0.02 -0.30	22.73 -0.09 -0.38	17.31 -0.07 -0.85	17.73 -0.10 -0.88	20.17 0.00 -1.03	28.75 0.14 -1.13	28.26 0.42 -1.64	28.52 0.16 -1.17	24.35 -0.09 -0.77	25.54 -0.15 -0.24	24.76 -0.30 -0.17	21.64 -0.26 -0.44	21.94 -0.26 -0.49	22.26 -0.22 -0.47	24.74 -0.22 -0.52	28.86 -0.11 -0.80	29.27 -0.06 2.70	24.56 -0.11 3.42	21.76 -0.18 3.35	21.70 -0.08 3.99	19.60 -0.19 4.05	14.92 -0.25 2.55	14.67 -0.26 2.58
LUTHERFT_115KV_GLOB_FND_222 355753	30.48 1.01 -4.35	29.40 0.91 -4.66	29.11 0.85 -5.81	30.25 0.63 -13.10	31.25 0.73 -13.57	35.86 0.86 -15.86	46.33 1.35 -17.50	52.84 1.28 -25.35	46.55 1.30 -18.07	36.58 1.04 -11.86	30.22 1.09 -3.66	28.44 1.00 -2.55	29.10 0.88 -6.76	30.12 0.91 -7.50	30.16 0.97 -7.18	33.55 1.08 -8.03	41.82 1.30 -12.35	54.35 1.57 -20.74	46.87 1.40 -17.37	41.75 1.19 -15.28	36.11 1.16 -9.18	32.29 1.00 -7.45	31.52 0.74 -13.06	30.16 0.84 -11.80
LUTHERNY_35_KV_BK2 355980	30.48 1.01 -4.35	29.42 0.93 -4.66	29.11 0.85 -5.81	30.27 0.64 -13.10	31.27 0.75 -13.57	35.86 0.86 -15.86	46.36 1.37 -17.50	52.86 1.31 -25.35	46.58 1.33 -18.07	36.60 1.07 -11.86	30.24 1.12 -3.66	28.46 1.02 -2.55	29.12 0.90 -6.76	30.12 0.91 -7.50	30.19 0.99 -7.18	33.55 1.08 -8.03	41.82 1.30 -12.35	54.38 1.60 -20.74	46.90 1.43 -17.37	41.78 1.21 -15.28	36.13 1.19 -9.18	32.31 1.02 -7.45	31.54 0.76 -13.06	30.18 0.86 -11.80
LWR___OSWEGATCHIE_HYD 23850	24.51 -0.85 -0.24	23.17 -0.93 -0.26	21.76 -1.01 -0.32	16.46 -0.79 -0.73	16.79 -0.92 -0.75	19.08 -0.94 -0.88	27.19 -1.26 -0.97	26.88 -0.73 -1.41	27.21 -0.98 -1.01	23.25 -1.09 -0.66	24.47 -1.20 -0.20	23.61 -1.42 -0.14	20.63 -1.20 -0.38	20.96 -1.17 -0.42	21.20 -1.21 -0.40	23.50 -1.39 -0.45	27.22 -1.63 -0.69	21.79 -1.92 8.32	16.69 -1.71 9.69	14.36 -1.62 9.30	13.97 -1.57 10.22	12.07 -1.57 10.19	9.19 -1.31 7.22	9.02 -1.31 7.18
LYONS_FALL_HYD 23570	25.64 0.25 -0.26	24.31 0.19 -0.28	22.94 0.14 -0.35	17.42 0.10 -0.80	17.86 0.09 -0.83	20.30 0.19 -0.97	28.96 0.41 -1.07	28.32 0.58 -1.55	28.69 0.41 -1.10	24.57 0.17 -0.72	25.81 0.13 -0.22	25.07 0.02 -0.16	21.89 0.02 -0.41	22.17 0.00 -0.46	22.50 0.04 -0.44	25.01 0.07 -0.49	29.15 0.22 -0.75	30.99 0.29 1.34	26.39 0.17 1.87	23.53 0.10 1.86	23.58 0.21 2.39	21.47 0.10 2.46	16.31 -0.02 1.39	16.05 -0.03 1.43
MADISON___COUNTY_LFGE 323628	26.25 0.70 -0.42	24.98 0.69 -0.45	23.64 0.63 -0.56	18.27 0.48 -1.26	18.75 0.49 -1.31	21.30 0.63 -1.53	30.16 0.99 -1.69	29.69 1.05 -2.45	29.85 0.92 -1.74	25.49 0.66 -1.14	26.47 0.66 -0.35	25.73 0.60 -0.25	22.63 0.52 -0.65	22.93 0.50 -0.72	23.26 0.55 -0.69	25.85 0.64 -0.77	30.26 0.90 -1.19	34.41 1.06 -1.32	29.84 0.84 -0.91	26.74 0.71 -0.74	26.68 0.80 -0.11	24.48 0.69 0.04	18.86 0.46 -0.69	18.57 0.47 -0.58

MALONE___115KV_TB1 356076	24.12 -1.16 -0.15	22.67 -1.33 -0.16	21.12 -1.53 -0.20	15.74 -1.24 -0.45	15.93 -1.49 -0.47	18.08 -1.61 -0.55	25.78 -2.31 -0.61	25.43 -1.65 -0.88	26.04 -1.77 -0.63	22.31 -1.78 -0.41	23.73 -1.86 -0.13	22.74 -2.24 -0.09	19.83 -1.87 -0.23	20.15 -1.82 -0.26	20.26 -2.00 -0.25	22.30 -2.42 -0.28	25.41 -3.18 -0.43	12.68 -4.04 15.32	8.82 -3.62 15.65	6.37 -3.34 15.58	4.67 -3.25 17.85	3.02 -3.12 17.69	2.19 -2.53 12.99	2.19 -2.47 12.86
MAPLEWOD_115KV_TB3 80458	29.92 0.53 -4.26	28.88 0.48 -4.56	28.59 0.45 -5.69	29.69 0.33 -12.84	30.63 0.37 -13.31	35.11 0.42 -15.55	45.30 0.66 -17.16	51.68 0.63 -24.85	45.60 0.71 -17.71	35.90 0.59 -11.62	29.71 0.66 -3.59	28.06 0.67 -2.50	28.67 0.58 -6.63	29.63 0.56 -7.35	29.67 0.62 -7.04	33.00 0.68 -7.87	41.07 0.79 -12.11	53.30 0.93 -20.33	45.97 0.84 -17.03	40.97 0.71 -14.98	35.51 0.75 -9.00	31.78 0.64 -7.31	30.95 0.43 -12.81	29.46 0.37 -11.57
MAPLE_RIDGE_WT_1 323574	24.41 -0.81 -0.09	23.03 -0.91 -0.09	21.57 -0.99 -0.11	15.97 -0.81 -0.26	16.27 -0.95 -0.27	18.34 -1.11 -0.31	26.15 -1.68 -0.35	25.23 -1.47 -0.50	26.02 -1.52 -0.36	22.54 -1.37 -0.23	24.13 -1.40 -0.07	23.47 -1.47 -0.05	20.37 -1.22 -0.13	20.64 -1.22 -0.15	20.88 -1.28 -0.14	23.06 -1.54 -0.16	26.47 -1.94 -0.24	10.23 -2.40 19.40	0.00 -2.11 25.98	0.00 -1.90 23.39	1.55 -1.96 22.26	0.00 -1.81 22.02	0.00 -1.36 16.35	0.00 -1.37 16.15
MAPLE_RIDGE_WT_2 323611	24.41 -0.81 -0.09	23.03 -0.91 -0.09	21.57 -0.99 -0.11	15.97 -0.81 -0.26	16.27 -0.95 -0.27	18.34 -1.11 -0.31	26.15 -1.68 -0.35	25.23 -1.47 -0.50	26.02 -1.52 -0.36	22.54 -1.37 -0.23	24.13 -1.40 -0.07	23.47 -1.47 -0.05	20.37 -1.22 -0.13	20.64 -1.22 -0.15	20.88 -1.28 -0.14	23.06 -1.54 -0.16	26.47 -1.94 -0.24	10.23 -2.40 19.40	0.00 -2.11 25.98	0.00 -1.90 23.39	1.55 -1.96 22.26	0.00 -1.81 22.02	0.00 -1.36 16.35	0.00 -1.37 16.15
MARBLE_RIVER_WT_PWR 323696	23.86 -1.41 -0.14	22.41 -1.57 -0.15	20.85 -1.77 -0.18	15.51 -1.42 -0.41	15.70 -1.68 -0.43	17.80 -1.84 -0.50	25.34 -2.69 -0.55	24.92 -2.07 -0.79	25.55 -2.20 -0.57	21.90 -2.15 -0.37	23.36 -2.22 -0.11	22.43 -2.54 -0.08	19.55 -2.12 -0.21	19.84 -2.11 -0.23	19.93 -2.31 -0.22	21.86 -2.83 -0.25	24.81 -3.75 -0.39	10.79 -4.77 16.47	0.51 -4.24 23.34	0.69 -3.92 20.68	2.88 -3.79 19.10	1.29 -3.62 18.92	0.88 -2.89 13.94	0.96 -2.77 13.79
MARSHVLE_115KV_TB1 80742	31.14 0.70 -5.31	30.15 0.62 -5.69	30.12 0.58 -7.09	32.97 0.45 -16.00	34.15 0.61 -16.58	39.30 0.78 -19.38	50.32 1.46 -21.39	58.64 1.47 -30.98	50.53 1.28 -22.07	38.95 0.78 -14.49	30.65 0.71 -4.48	28.63 0.62 -3.12	30.09 0.36 -8.26	31.29 0.41 -9.17	31.32 0.53 -8.77	34.98 0.73 -9.81	44.25 0.99 -15.09	58.79 1.41 -25.34	50.67 1.35 -21.23	45.01 1.06 -18.67	37.96 0.98 -11.21	33.92 0.98 -9.11	34.28 0.60 -15.96	32.45 0.51 -14.42
MARSH_HILL_WT_PWR 323713	26.46 0.23 -1.11	25.29 0.26 -1.18	24.21 0.29 -1.48	20.10 0.25 -3.33	20.71 0.31 -3.45	23.48 0.31 -4.03	32.18 0.25 -4.45	32.72 0.05 -6.46	31.60 -0.19 -4.61	26.56 -0.14 -3.02	26.27 -0.13 -0.93	25.56 0.02 -0.65	23.14 -0.04 -1.72	23.58 -0.04 -1.91	23.91 0.07 -1.83	26.61 0.12 -2.05	31.46 0.14 -3.15	37.33 0.00 -5.29	32.66 0.14 -4.43	29.38 0.20 -3.90	28.24 0.13 -2.34	25.80 0.07 -1.90	21.20 0.16 -3.33	20.85 0.33 -3.00
MCINTYRE_115KV_TB2 80467	24.27 -1.03 -0.17	22.85 -1.17 -0.18	21.35 -1.32 -0.23	15.99 -1.04 -0.51	16.21 -1.27 -0.53	18.44 -1.32 -0.62	26.33 -1.84 -0.69	26.10 -1.10 -1.00	26.56 -1.33 -0.71	22.68 -1.47 -0.47	24.02 -1.58 -0.14	23.02 -1.97 -0.10	20.12 -1.61 -0.27	20.47 -1.54 -0.30	20.67 -1.63 -0.28	22.80 -1.96 -0.32	26.29 -2.37 -0.49	15.44 -2.88 13.71	9.76 -2.53 15.80	7.90 -2.33 15.06	7.33 -2.34 16.09	5.53 -2.34 15.96	4.14 -1.91 11.66	4.05 -1.91 11.56
MECO___69_KV_BK1 80468	31.69 1.51 -5.05	30.58 1.33 -5.41	30.43 1.23 -6.75	32.71 0.96 -15.22	33.95 1.22 -15.78	39.07 1.49 -18.44	50.35 2.53 -20.34	58.16 2.49 -29.47	50.52 2.34 -21.00	39.07 1.61 -13.78	31.27 1.55 -4.26	29.25 1.39 -2.97	30.50 1.18 -7.86	31.71 1.28 -8.72	31.84 1.47 -8.35	35.65 1.88 -9.33	44.98 2.45 -14.36	59.19 3.04 -24.11	50.48 2.19 -20.19	44.79 1.74 -17.76	38.55 2.11 -10.67	34.28 1.79 -8.66	34.07 1.17 -15.18	32.27 1.03 -13.72
MENANDS__115KV_TB5 355628	29.76 0.38 -4.25	28.75 0.36 -4.56	28.46 0.34 -5.68	29.59 0.25 -12.82	30.51 0.27 -13.28	34.97 0.31 -15.52	45.08 0.47 -17.13	51.46 0.45 -24.81	45.38 0.52 -17.68	35.73 0.45 -11.60	29.55 0.51 -3.59	27.93 0.55 -2.50	28.55 0.47 -6.62	29.51 0.46 -7.34	29.55 0.51 -7.03	32.84 0.54 -7.86	40.88 0.62 -12.09	53.04 0.70 -20.30	45.74 0.65 -17.00	40.79 0.56 -14.95	35.32 0.57 -8.98	31.63 0.50 -7.29	30.82 0.32 -12.78	29.33 0.26 -11.55
MG INDUSTRY___DRP 24185	29.75 0.40 -4.22	28.74 0.38 -4.52	28.44 0.36 -5.64	29.51 0.26 -12.72	30.42 0.29 -13.18	34.85 0.31 -15.40	44.95 0.47 -17.00	51.27 0.45 -24.62	45.24 0.52 -17.55	35.64 0.45 -11.52	29.53 0.51 -3.56	27.89 0.52 -2.48	28.48 0.45 -6.57	29.43 0.43 -7.29	29.47 0.48 -6.97	32.75 0.51 -7.80	40.78 0.62 -12.00	52.85 0.67 -20.14	45.58 0.62 -16.87	40.68 0.56 -14.84	35.25 0.57 -8.91	31.57 0.50 -7.24	30.74 0.34 -12.69	29.26 0.28 -11.46
MID___OSWEGATCHIE_HYD 23849	24.51 -0.85 -0.24	23.17 -0.93 -0.26	21.76 -1.01 -0.32	16.46 -0.79 -0.73	16.79 -0.92 -0.75	19.08 -0.94 -0.88	27.19 -1.26 -0.97	26.88 -0.73 -1.41	27.21 -0.98 -1.01	23.25 -1.09 -0.66	24.47 -1.20 -0.20	23.61 -1.42 -0.14	20.63 -1.20 -0.38	20.96 -1.17 -0.42	21.20 -1.21 -0.40	23.50 -1.39 -0.45	27.22 -1.63 -0.69	21.79 -1.92 8.32	16.69 -1.71 9.69	14.36 -1.62 9.30	13.97 -1.57 10.22	12.07 -1.57 10.19	9.19 -1.31 7.22	9.02 -1.31 7.18
MID___RAQUETTE_HYD 23851	24.00 -1.31 -0.18	22.63 -1.41 -0.19	21.14 -1.55 -0.24	15.86 -1.21 -0.54	16.09 -1.42 -0.56	18.27 -1.53 -0.66	26.04 -2.17 -0.73	25.79 -1.47 -1.06	26.28 -1.66 -0.76	22.49 -1.68 -0.50	23.83 -1.78 -0.15	22.88 -2.12 -0.11	19.98 -1.76 -0.28	20.33 -1.69 -0.31	20.49 -1.83 -0.30	22.63 -2.15 -0.34	26.04 -2.65 -0.52	15.88 -3.24 12.92	10.45 -2.87 14.78	8.52 -2.63 14.14	7.88 -2.65 15.23	6.14 -2.57 15.12	4.63 -2.07 11.01	4.55 -2.05 10.92
MILLIKEN___1 23584	26.80 0.60 -1.07	25.61 0.62 -1.15	24.48 0.61 -1.43	20.20 0.45 -3.23	20.77 0.47 -3.34	23.64 0.59 -3.91	32.70 0.91 -4.31	33.36 0.92 -6.25	32.42 0.79 -4.45	27.19 0.59 -2.92	26.92 0.56 -0.90	26.04 0.52 -0.63	23.55 0.43 -1.67	23.99 0.43 -1.85	24.25 0.46 -1.77	27.06 0.64 -1.98	32.08 0.87 -3.04	38.27 1.12 -5.11	33.33 0.96 -4.28	29.91 0.86 -3.76	28.91 0.88 -2.26	26.46 0.79 -1.84	21.50 0.57 -3.22	21.00 0.58 -2.91
MILLIKEN___2 23585	26.80 0.60 -1.07	25.61 0.62 -1.15	24.48 0.61 -1.43	20.20 0.45 -3.23	20.77 0.47 -3.34	23.64 0.59 -3.91	32.70 0.91 -4.31	33.36 0.92 -6.25	32.42 0.79 -4.45	27.19 0.59 -2.92	26.92 0.56 -0.90	26.04 0.52 -0.63	23.55 0.43 -1.67	23.99 0.43 -1.85	24.25 0.46 -1.77	27.06 0.64 -1.98	32.08 0.87 -3.04	38.27 1.12 -5.11	33.33 0.96 -4.28	29.91 0.86 -3.76	28.91 0.88 -2.26	26.46 0.79 -1.84	21.50 0.57 -3.22	21.00 0.58 -2.91

MILLIKEN___DIESEL 23629	26.80 0.60 -1.07	25.61 0.62 -1.15	24.48 0.61 -1.43	20.20 0.45 -3.23	20.77 0.47 -3.34	23.64 0.59 -3.91	32.70 0.91 -4.31	33.36 0.92 -6.25	32.42 0.79 -4.45	27.19 0.59 -2.92	26.92 0.56 -0.90	26.04 0.52 -0.63	23.55 0.43 -1.67	23.99 0.43 -1.85	24.25 0.46 -1.77	27.06 0.64 -1.98	32.08 0.87 -3.04	38.27 1.12 -5.11	33.33 0.96 -4.28	29.91 0.86 -3.76	28.91 0.88 -2.26	26.46 0.79 -1.84	21.50 0.57 -3.22	21.00 0.58 -2.91
MILLSEAT___LFGE 323607	25.58 -0.43 -0.88	24.45 -0.33 -0.94	23.40 -0.22 -1.18	19.08 -0.10 -2.65	19.67 -0.03 -2.75	22.24 -0.11 -3.21	30.73 -0.30 -3.55	30.85 -0.60 -5.25	30.22 -0.71 -3.74	25.61 -0.52 -2.46	25.66 -0.56 -0.76	25.04 -0.37 -0.53	22.47 -0.39 -1.40	22.81 -0.46 -1.55	23.24 -0.26 -1.49	25.79 -0.32 -1.66	30.44 -0.28 -2.56	35.91 -0.42 -4.29	31.58 -0.11 -3.60	28.37 -0.08 -3.16	27.41 -0.26 -1.90	25.14 -0.24 -1.54	20.38 -0.04 -2.71	20.15 0.25 -2.39
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.95 1.33 -3.49	28.81 1.24 -3.73	28.29 1.19 -4.66	27.91 0.88 -10.51	28.72 0.88 -10.89	32.82 0.96 -12.72	43.06 1.54 -14.04	48.06 1.52 -20.34	43.36 1.69 -14.49	34.68 1.49 -9.51	30.03 1.63 -2.94	28.53 1.59 -2.05	28.26 1.37 -5.42	29.12 1.39 -6.02	29.21 1.43 -5.76	32.47 1.59 -6.44	39.91 1.83 -9.91	50.79 2.11 -16.64	43.80 1.77 -13.94	39.19 1.64 -12.26	34.78 1.65 -7.36	31.22 1.41 -5.98	29.21 1.01 -10.48	27.95 0.96 -9.47
MILLWOOD_13_KV_LOAD 356217	30.02 1.41 -3.49	28.86 1.29 -3.73	28.36 1.26 -4.66	27.94 0.91 -10.51	28.77 0.93 -10.89	32.86 1.00 -12.72	43.15 1.62 -14.04	48.14 1.60 -20.34	43.47 1.79 -14.49	34.78 1.59 -9.51	30.10 1.71 -2.94	28.60 1.67 -2.05	28.30 1.42 -5.42	29.18 1.45 -6.02	29.25 1.47 -5.76	32.54 1.66 -6.44	39.94 1.86 -9.91	50.89 2.21 -16.64	43.86 1.83 -13.94	39.26 1.72 -12.26	34.86 1.73 -7.36	31.29 1.48 -5.98	29.24 1.05 -10.48	27.97 0.98 -9.47
MODEL_CITY_ENERGY 24167	24.92 -1.10 -0.90	23.83 -0.98 -0.97	22.82 -0.83 -1.21	18.71 -0.53 -2.72	19.31 -0.46 -2.82	21.76 -0.67 -3.29	29.91 -1.21 -3.64	30.01 -1.55 -5.36	29.29 -1.71 -3.82	24.91 -1.28 -2.51	24.88 -1.35 -0.77	24.36 -1.07 -0.54	21.88 -1.01 -1.43	22.23 -1.06 -1.59	22.63 -0.90 -1.52	25.11 -1.03 -1.70	29.57 -1.21 -2.61	34.82 -1.60 -4.38	30.64 -1.12 -3.67	27.53 -0.99 -3.23	26.63 -1.08 -1.94	24.45 -0.95 -1.58	19.96 -0.51 -2.76	19.79 -0.18 -2.45
MODERN_LFGE___ 323580	24.92 -1.10 -0.90	23.83 -0.98 -0.97	22.82 -0.83 -1.21	18.71 -0.53 -2.72	19.31 -0.46 -2.82	21.76 -0.67 -3.29	29.91 -1.21 -3.64	30.01 -1.55 -5.36	29.29 -1.71 -3.82	24.91 -1.28 -2.51	24.88 -1.35 -0.77	24.36 -1.07 -0.54	21.88 -1.01 -1.43	22.23 -1.06 -1.59	22.63 -0.90 -1.52	25.11 -1.03 -1.70	29.57 -1.21 -2.61	34.82 -1.60 -4.38	30.64 -1.12 -3.67	27.53 -0.99 -3.23	26.63 -1.08 -1.94	24.45 -0.95 -1.58	19.96 -0.51 -2.76	19.79 -0.18 -2.45
MOHAWK_PAPER___DRP 24187	29.92 0.53 -4.26	28.88 0.48 -4.56	28.59 0.45 -5.69	29.69 0.33 -12.84	30.63 0.37 -13.31	35.11 0.42 -15.55	45.30 0.66 -17.16	51.68 0.63 -24.85	45.60 0.71 -17.71	35.90 0.59 -11.62	29.71 0.66 -3.59	28.06 0.67 -2.50	28.67 0.58 -6.63	29.63 0.56 -7.35	29.67 0.62 -7.04	33.00 0.68 -7.87	41.07 0.79 -12.11	53.30 0.93 -20.33	45.97 0.84 -17.03	40.97 0.71 -14.98	35.51 0.75 -9.00	31.78 0.64 -7.31	30.95 0.43 -12.81	29.46 0.37 -11.57
MOHICAN___35_KV_115KV_LD 80490	30.48 1.01 -4.35	29.40 0.91 -4.66	29.09 0.83 -5.81	30.26 0.63 -13.11	31.32 0.78 -13.58	35.93 0.92 -15.87	46.51 1.51 -17.52	53.02 1.44 -25.38	46.68 1.41 -18.08	36.61 1.07 -11.87	30.25 1.12 -3.67	28.39 0.95 -2.55	29.08 0.86 -6.77	30.09 0.87 -7.51	30.15 0.95 -7.19	33.43 0.95 -8.03	41.69 1.15 -12.36	54.30 1.51 -20.76	46.86 1.38 -17.39	41.66 1.09 -15.29	35.99 1.03 -9.19	32.13 0.83 -7.46	31.52 0.73 -13.08	30.42 1.09 -11.81
MONGAUP___HYD 23641	29.72 1.36 -3.24	28.55 1.24 -3.47	27.94 1.17 -4.33	27.17 0.88 -9.77	27.97 0.90 -10.12	31.89 0.92 -11.83	41.99 1.46 -13.05	46.42 1.31 -18.91	42.02 1.36 -13.48	33.68 1.16 -8.84	29.36 1.17 -2.73	27.89 1.09 -1.90	27.45 0.94 -5.04	28.28 0.98 -5.60	28.43 1.06 -5.36	31.70 1.27 -5.99	38.93 1.55 -9.21	49.49 1.99 -15.47	42.68 1.63 -12.96	38.12 1.44 -11.39	34.16 1.55 -6.85	30.73 1.33 -5.56	28.36 0.90 -9.74	27.20 0.88 -8.80
MONTAUK___DIESEL 23721	42.86 2.76 -14.97	42.10 2.57 -15.68	40.91 2.42 -16.04	39.54 1.80 -21.22	39.54 1.85 -20.74	42.41 2.11 -21.17	48.64 3.46 -17.69	50.86 3.30 -21.36	45.07 3.34 -14.55	41.55 2.72 -15.14	36.48 2.98 -8.04	35.54 2.84 -7.82	34.09 2.42 -10.21	34.51 2.48 -10.32	37.18 2.64 -12.53	39.70 3.20 -12.06	52.61 3.94 -20.49	79.58 4.58 -42.96	62.80 4.16 -30.55	47.48 3.87 -18.32	46.20 3.56 -16.88	42.32 3.12 -15.36	39.34 2.16 -19.46	37.46 1.96 -17.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.92 -0.18 -0.97	24.71 -0.17 -1.04	23.61 -0.13 -1.30	19.44 -0.02 -2.93	20.01 0.02 -3.04	22.61 -0.08 -3.55	31.10 -0.30 -3.92	31.38 -0.55 -5.73	30.56 -0.71 -4.08	25.84 -0.52 -2.68	25.85 -0.43 -0.83	25.27 -0.20 -0.58	22.77 -0.21 -1.53	23.15 -0.26 -1.70	23.57 -0.07 -1.62	26.21 -0.05 -1.81	30.99 0.03 -2.79	36.40 -0.32 -4.69	31.77 -0.25 -3.93	28.41 -0.33 -3.45	27.46 -0.39 -2.07	25.14 -0.38 -1.68	20.56 -0.11 -2.95	20.37 0.21 -2.64
MORTIMER_115KV_TB3 55949	25.76 -0.18 -0.81	24.59 -0.12 -0.87	23.49 -0.04 -1.09	18.98 0.00 -2.45	19.54 0.05 -2.54	22.15 0.04 -2.97	30.98 0.22 -3.28	31.04 0.03 -4.82	30.59 -0.03 -3.43	25.93 0.00 -2.25	26.13 -0.03 -0.70	25.42 0.05 -0.48	22.74 0.00 -1.29	23.09 -0.04 -1.43	23.45 0.07 -1.36	26.07 0.10 -1.53	30.74 0.23 -2.35	36.27 0.29 -3.94	32.18 0.79 -3.30	28.90 0.71 -2.90	27.74 0.73 -1.74	25.44 0.19 -1.42	20.41 0.21 -2.48	20.15 0.42 -2.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.14 1.51 -3.50	28.97 1.38 -3.75	28.45 1.32 -4.68	28.03 0.96 -10.55	28.87 0.98 -10.93	32.95 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.61 1.88 -14.55	34.91 1.68 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.06	28.47 1.57 -5.45	29.36 1.61 -6.04	29.40 1.61 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
MUNSVILLE_WIND_PWR 323609	28.96 2.39 -1.45	27.70 2.31 -1.55	26.56 2.18 -1.94	22.54 1.65 -4.37	23.21 1.73 -4.52	26.51 2.09 -5.29	36.61 3.30 -5.83	37.90 3.25 -8.45	36.03 2.83 -6.02	29.67 2.04 -3.95	28.69 2.01 -1.22	27.61 1.87 -0.85	25.26 1.55 -2.25	25.71 1.50 -2.50	26.08 1.67 -2.39	29.15 2.03 -2.68	35.10 2.82 -4.12	42.38 3.43 -6.92	36.81 2.92 -5.79	32.89 2.50 -5.09	31.46 2.63 -3.06	28.58 2.27 -2.49	23.65 1.58 -4.36	23.06 1.61 -3.93
N SALMON___HYD 24042	24.12 -1.16 -0.15	22.67 -1.33 -0.16	21.12 -1.53 -0.20	15.74 -1.24 -0.45	15.93 -1.49 -0.47	18.08 -1.61 -0.55	25.78 -2.31 -0.61	25.43 -1.65 -0.88	26.04 -1.77 -0.63	22.31 -1.78 -0.41	23.73 -1.86 -0.13	22.74 -2.24 -0.09	19.83 -1.87 -0.23	20.15 -1.82 -0.26	20.26 -2.00 -0.25	22.30 -2.42 -0.28	25.41 -3.18 -0.43	12.68 -4.04 15.32	8.82 -3.62 15.65	6.37 -3.34 15.58	4.67 -3.25 17.85	3.02 -3.12 17.69	2.19 -2.53 12.99	2.21 -2.45 12.86

N.AKRON__115KV_KNAPP 355671	25.58 -0.43 -0.88	24.43 -0.36 -0.95	23.38 -0.25 -1.18	19.09 -0.10 -2.66	19.68 -0.03 -2.76	22.23 -0.13 -3.22	30.71 -0.33 -3.56	30.82 -0.65 -5.27	30.18 -0.76 -3.76	25.60 -0.54 -2.47	25.63 -0.59 -0.76	25.02 -0.40 -0.53	22.46 -0.41 -1.41	22.82 -0.46 -1.56	23.22 -0.29 -1.49	25.77 -0.34 -1.67	30.40 -0.34 -2.57	35.87 -0.48 -4.31	31.54 -0.17 -3.61	28.31 -0.15 -3.18	27.39 -0.28 -1.91	25.12 -0.26 -1.55	20.38 -0.05 -2.72	20.20 0.28 -2.40
N.BELMOR_69_KV_BK1 55787	42.01 1.91 -14.97	41.29 1.76 -15.68	40.17 1.68 -16.04	38.96 1.22 -21.22	38.95 1.25 -20.74	41.66 1.36 -21.17	47.37 2.20 -17.69	49.68 2.12 -21.36	44.07 2.34 -14.55	40.86 2.04 -15.14	35.69 2.19 -8.04	34.85 2.14 -7.82	33.51 1.85 -10.21	33.90 1.87 -10.32	36.46 1.92 -12.53	38.65 2.15 -12.06	51.17 2.51 -20.49	77.84 2.88 -42.92	60.99 2.47 -30.43	45.78 2.30 -18.20	44.85 2.24 -16.84	41.16 2.00 -15.32	38.65 1.47 -19.46	36.90 1.40 -17.98
N.E_GEN_SANDY PD 24062	29.80 0.75 -3.92	28.78 0.74 -4.20	28.40 0.72 -5.24	28.86 0.53 -11.81	29.70 0.51 -12.24	34.04 0.59 -14.30	44.12 0.85 -15.78	50.97 0.84 -23.93	43.30 0.90 -15.22	35.20 0.83 -10.69	29.68 0.92 -3.30	28.09 0.89 -2.30	28.33 0.77 -6.10	29.28 0.80 -6.77	29.33 0.84 -6.48	32.61 0.93 -7.24	40.35 1.04 -11.14	51.89 1.15 -18.70	44.77 1.01 -15.67	40.00 0.94 -13.78	35.00 0.95 -8.28	31.41 0.86 -6.72	30.08 0.58 -11.78	28.71 0.54 -10.65
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.85 1.33 -3.39	28.71 1.24 -3.63	28.19 1.21 -4.53	27.64 0.89 -10.22	28.46 0.92 -10.59	32.47 0.96 -12.38	42.71 1.57 -13.66	47.50 1.52 -19.79	42.94 1.66 -14.10	34.40 1.47 -9.25	29.92 1.60 -2.86	28.42 1.54 -1.99	28.07 1.33 -5.28	28.93 1.37 -5.85	29.03 1.41 -5.60	32.30 1.59 -6.26	39.67 1.86 -9.64	50.40 2.18 -16.19	43.45 1.80 -13.56	38.88 1.67 -11.92	34.61 1.67 -7.16	31.08 1.43 -5.82	28.94 1.03 -10.20	27.69 0.96 -9.21
N.QUEENS_27_KV_LOAD 356247	30.32 1.68 -3.51	29.17 1.57 -3.76	28.66 1.53 -4.68	28.20 1.12 -10.56	29.03 1.14 -10.94	32.89 0.98 -12.77	43.04 1.46 -14.10	48.01 1.39 -20.42	43.47 1.74 -14.55	34.86 1.63 -9.55	30.22 1.81 -2.95	28.79 1.84 -2.05	28.60 1.70 -5.45	29.38 1.63 -6.04	29.40 1.61 -5.78	32.62 1.71 -6.47	40.06 1.94 -9.95	50.89 2.15 -16.70	43.94 1.85 -13.99	39.39 1.80 -12.30	34.89 1.73 -7.39	31.34 1.50 -6.00	29.71 1.47 -10.53	28.43 1.40 -9.51
N.TROY___115KV_TB1 355778	30.06 0.65 -4.28	29.06 0.64 -4.58	28.74 0.58 -5.71	29.86 0.45 -12.89	30.78 0.47 -13.36	35.30 0.55 -15.61	45.56 0.85 -17.22	51.96 0.81 -24.95	45.83 0.87 -17.78	36.08 0.73 -11.67	29.85 0.79 -3.61	28.17 0.77 -2.51	28.78 0.67 -6.65	29.77 0.67 -7.38	29.83 0.75 -7.07	33.15 0.81 -7.90	41.28 0.96 -12.16	53.54 1.09 -20.41	46.17 0.98 -17.10	41.16 0.83 -15.03	35.65 0.85 -9.03	31.93 0.76 -7.34	31.10 0.53 -12.86	29.64 0.51 -11.62
NARROWS_GT1_1 24228	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_2 24229	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_3 24230	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_4 24231	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_5 24232	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_6 24233	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_7 24234	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT1_8 24235	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_1 24236	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51

NARROWS_GT2_2 24237	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_3 24238	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_4 24239	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_5 24240	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_6 24241	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_7 24242	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NARROWS_GT2_8 24243	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.24 1.08 -4.03	29.11 0.95 -4.32	28.70 0.88 -5.38	29.31 0.64 -12.14	30.30 0.76 -12.58	34.63 0.78 -14.70	45.00 1.29 -16.23	50.83 1.13 -23.50	45.04 1.11 -16.75	35.43 0.76 -10.99	29.57 0.71 -3.40	27.88 0.62 -2.37	28.29 0.56 -6.27	29.21 0.54 -6.95	29.31 0.64 -6.66	32.69 0.81 -7.44	40.83 1.21 -11.45	52.96 1.70 -19.23	45.83 1.63 -16.11	40.74 1.29 -14.16	35.64 1.37 -8.51	31.93 1.19 -6.91	30.57 0.74 -12.11	29.13 0.67 -10.94
NCHELSEA_115KV_TR2 355582	30.14 1.48 -3.53	29.00 1.38 -3.78	28.46 1.30 -4.72	28.12 0.96 -10.64	28.96 0.98 -11.03	33.04 1.01 -12.88	43.35 1.65 -14.22	48.34 1.55 -20.59	43.54 1.69 -14.68	34.78 1.47 -9.63	29.96 1.53 -2.98	28.41 1.44 -2.07	28.20 1.24 -5.49	29.09 1.28 -6.09	29.17 1.32 -5.83	32.48 1.52 -6.52	40.00 1.80 -10.03	51.10 2.21 -16.85	44.06 1.85 -14.11	39.39 1.69 -12.41	34.90 1.67 -7.46	31.34 1.45 -6.06	29.34 1.01 -10.61	28.05 0.95 -9.59
NEG CAPITAL___MECHNVIL 23645	30.43 0.98 -4.33	29.38 0.91 -4.63	29.05 0.83 -5.78	30.18 0.63 -13.03	31.17 0.71 -13.51	35.76 0.84 -15.78	46.22 1.32 -17.42	52.71 1.28 -25.23	46.46 1.30 -17.98	36.52 1.04 -11.80	30.22 1.12 -3.65	28.45 1.02 -2.54	29.09 0.90 -6.73	30.11 0.93 -7.46	30.15 0.99 -7.14	33.53 1.10 -7.99	41.78 1.32 -12.29	54.28 1.60 -20.64	46.84 1.46 -17.29	41.70 1.21 -15.20	36.11 1.21 -9.13	32.27 1.02 -7.42	31.46 0.74 -13.00	29.95 0.68 -11.75
NEG CENTRAL_HIGH_ACRES 23767	25.30 -0.63 -0.80	24.15 -0.55 -0.85	23.04 -0.47 -1.07	18.61 -0.31 -2.40	19.16 -0.29 -2.49	21.72 -0.33 -2.91	30.15 -0.55 -3.21	30.21 -0.63 -4.64	29.81 -0.68 -3.31	25.31 -0.54 -2.17	25.54 -0.58 -0.67	24.83 -0.52 -0.47	22.23 -0.47 -1.24	22.59 -0.50 -1.37	22.89 -0.44 -1.32	25.42 -0.49 -1.47	29.92 -0.51 -2.26	35.29 -0.54 -3.80	30.82 -0.45 -3.18	27.68 -0.41 -2.80	26.99 -0.46 -1.68	24.77 -0.43 -1.37	19.86 -0.25 -2.39	19.54 -0.14 -2.17
NEG CENTRAL___DRP 24199	26.08 0.13 -0.83	24.89 0.17 -0.89	23.75 0.20 -1.10	19.16 0.15 -2.49	19.72 0.19 -2.58	22.42 0.27 -3.02	31.25 0.44 -3.33	31.41 0.39 -4.81	30.91 0.30 -3.43	26.14 0.21 -2.25	26.33 0.18 -0.70	25.57 0.20 -0.48	22.89 0.15 -1.28	23.29 0.15 -1.42	23.55 0.18 -1.36	26.26 0.29 -1.52	30.94 0.42 -2.35	36.42 0.45 -3.94	31.87 0.48 -3.30	28.62 0.43 -2.90	27.92 0.41 -1.74	25.58 0.33 -1.42	20.48 0.28 -2.48	20.10 0.33 -2.24
NEG CENTRAL___INDECK 23768	26.72 0.60 -0.99	25.51 0.62 -1.06	24.39 0.63 -1.32	19.98 0.48 -2.98	20.59 0.56 -3.08	23.39 0.65 -3.60	32.31 0.85 -3.98	32.62 0.66 -5.76	31.78 0.49 -4.11	26.70 0.33 -2.69	26.55 0.25 -0.83	25.77 0.30 -0.58	23.19 0.19 -1.54	23.63 0.22 -1.70	24.00 0.35 -1.63	26.73 0.46 -1.82	31.68 0.70 -2.81	37.68 0.93 -4.71	32.97 0.93 -3.95	29.62 0.86 -3.47	28.65 0.80 -2.09	26.19 0.67 -1.69	21.25 0.57 -2.97	20.90 0.70 -2.68
NEG CENTRAL___SENECA 23627	26.26 0.25 -0.88	25.07 0.29 -0.94	23.94 0.31 -1.17	19.42 0.25 -2.65	20.00 0.31 -2.75	22.73 0.38 -3.21	31.66 0.63 -3.54	31.90 0.58 -5.12	31.29 0.46 -3.65	26.41 0.33 -2.40	26.50 0.31 -0.74	25.73 0.32 -0.52	23.06 0.24 -1.37	23.49 0.26 -1.52	23.77 0.31 -1.45	26.50 0.44 -1.62	31.28 0.62 -2.50	36.84 0.61 -4.19	32.25 0.65 -3.51	28.96 0.58 -3.09	28.22 0.59 -1.85	25.82 0.48 -1.51	20.74 0.39 -2.64	20.38 0.47 -2.39
NEG CENTRAL___STATE_STREET 24147	26.14 0.20 -0.81	24.95 0.24 -0.87	23.78 0.25 -1.09	19.16 0.18 -2.45	19.70 0.20 -2.54	22.38 0.27 -2.97	31.20 0.44 -3.28	31.39 0.45 -4.74	30.94 0.38 -3.38	26.18 0.28 -2.22	26.40 0.25 -0.69	25.64 0.27 -0.48	22.92 0.19 -1.26	23.31 0.20 -1.40	23.56 0.20 -1.34	26.26 0.32 -1.50	30.90 0.42 -2.31	36.46 0.54 -3.88	32.01 0.67 -3.25	28.78 0.63 -2.86	27.92 0.44 -1.72	25.61 0.38 -1.39	20.46 0.30 -2.44	20.04 0.32 -2.21

NEG MILLWOOD___DRP 24198	30.26 1.58 -3.55	29.12 1.48 -3.80	28.58 1.39 -4.75	28.27 1.04 -10.71	29.10 1.05 -11.09	33.23 1.13 -12.96	43.60 1.81 -14.31	48.70 1.78 -20.72	43.91 1.96 -14.77	35.17 1.80 -9.69	30.29 1.83 -2.99	28.74 1.77 -2.09	28.49 1.50 -5.53	29.36 1.52 -6.13	29.45 1.56 -5.87	32.69 1.69 -6.56	40.15 1.89 -10.10	51.30 2.31 -16.95	44.23 1.94 -14.20	39.57 1.80 -12.49	35.10 1.83 -7.50	31.50 1.57 -6.09	29.46 1.06 -10.68	28.13 0.96 -9.65
NEG NORTH_FLCN_SEA 23793	23.98 -1.28 -0.14	22.53 -1.45 -0.15	20.97 -1.66 -0.18	15.58 -1.35 -0.41	15.77 -1.61 -0.43	17.88 -1.76 -0.50	25.48 -2.56 -0.55	25.08 -1.91 -0.80	25.71 -2.04 -0.57	22.04 -2.01 -0.37	23.51 -2.06 -0.12	22.56 -2.41 -0.08	19.63 -2.04 -0.21	19.95 -2.00 -0.24	20.04 -2.20 -0.23	22.01 -2.69 -0.25	24.98 -3.58 -0.39	11.03 -4.58 16.43	0.69 -4.07 23.32	0.86 -3.77 20.66	3.23 -3.48 19.06	1.62 -3.34 18.88	1.11 -2.69 13.91	1.17 -2.59 13.76
NEG NORTH_KES_CHATEGAY 23792	23.91 -1.36 -0.14	22.46 -1.53 -0.15	20.91 -1.73 -0.19	15.54 -1.40 -0.42	15.73 -1.66 -0.44	17.81 -1.84 -0.51	25.38 -2.67 -0.57	24.97 -2.04 -0.82	25.59 -2.17 -0.58	21.93 -2.13 -0.38	23.39 -2.19 -0.12	22.46 -2.51 -0.08	19.55 -2.12 -0.22	19.85 -2.11 -0.24	19.96 -2.29 -0.23	21.91 -2.79 -0.26	24.88 -3.69 -0.40	11.23 -4.68 16.13	0.69 -4.19 23.22	0.96 -3.84 20.48	3.30 -3.74 18.73	1.70 -3.57 18.56	1.20 -2.85 13.66	1.23 -2.77 13.52
NEG NORTH___ALICE_FALLS 23915	24.08 -1.18 -0.14	22.63 -1.36 -0.15	21.06 -1.57 -0.18	15.65 -1.29 -0.41	15.84 -1.54 -0.43	17.97 -1.66 -0.50	25.62 -2.42 -0.55	25.22 -1.78 -0.80	25.85 -1.90 -0.57	22.14 -1.92 -0.37	23.61 -1.96 -0.12	22.63 -2.34 -0.08	19.70 -1.97 -0.21	20.02 -1.93 -0.24	20.13 -2.11 -0.23	22.13 -2.57 -0.25	25.15 -3.41 -0.39	11.30 -4.36 16.38	0.88 -3.90 23.31	1.04 -3.62 20.63	3.36 -3.40 19.01	1.74 -3.27 18.83	1.19 -2.66 13.87	1.24 -2.56 13.72
NEG NORTH___LWR_SARANAC 23913	24.08 -1.18 -0.14	22.63 -1.36 -0.15	21.06 -1.57 -0.18	15.65 -1.29 -0.41	15.84 -1.54 -0.43	17.97 -1.66 -0.50	25.62 -2.42 -0.55	25.22 -1.78 -0.80	25.85 -1.90 -0.57	22.14 -1.92 -0.37	23.61 -1.96 -0.12	22.63 -2.34 -0.08	19.70 -1.97 -0.21	20.02 -1.93 -0.24	20.13 -2.11 -0.23	22.13 -2.57 -0.25	25.15 -3.41 -0.39	11.30 -4.36 16.38	0.88 -3.90 23.31	1.04 -3.62 20.63	3.36 -3.40 19.01	1.74 -3.27 18.83	1.19 -2.66 13.87	1.24 -2.56 13.72
NEG NORTH___PLATTSBURG 23628	24.08 -1.18 -0.14	22.63 -1.36 -0.15	21.06 -1.57 -0.18	15.65 -1.29 -0.41	15.84 -1.54 -0.43	17.97 -1.67 -0.50	25.62 -2.42 -0.55	25.22 -1.78 -0.80	25.85 -1.90 -0.57	22.14 -1.92 -0.37	23.61 -1.96 -0.12	22.63 -2.34 -0.08	19.70 -1.97 -0.21	20.02 -1.93 -0.24	20.13 -2.11 -0.23	22.13 -2.57 -0.25	25.15 -3.41 -0.39	11.30 -4.36 16.38	0.88 -3.90 23.31	1.04 -3.62 20.63	3.36 -3.40 19.01	1.74 -3.26 18.83	1.19 -2.66 13.87	1.24 -2.56 13.72
NEG WEST_LEA_LOCKPORT 23791	25.20 -0.83 -0.90	24.09 -0.72 -0.96	23.06 -0.58 -1.20	18.88 -0.35 -2.71	19.49 -0.27 -2.80	21.98 -0.44 -3.28	30.22 -0.88 -3.62	30.34 -1.21 -5.35	29.63 -1.36 -3.81	25.19 -0.99 -2.50	25.19 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.43	22.49 -0.80 -1.58	22.89 -0.64 -1.52	25.40 -0.73 -1.69	29.93 -0.85 -2.61	35.23 -1.19 -4.38	30.97 -0.79 -3.67	27.83 -0.68 -3.22	26.93 -0.77 -1.94	24.74 -0.67 -1.57	20.15 -0.32 -2.76	19.99 0.04 -2.44
NEG WEST___LANCASTR 23811	24.94 -1.16 -0.97	23.85 -1.03 -1.04	22.89 -0.85 -1.30	18.92 -0.53 -2.92	19.51 -0.47 -3.03	22.05 -0.63 -3.54	30.32 -1.07 -3.91	30.63 -1.28 -5.72	29.68 -1.58 -4.07	25.07 -1.28 -2.67	24.96 -1.32 -0.83	24.37 -1.10 -0.58	21.97 -1.01 -1.52	22.36 -1.04 -1.69	22.73 -0.90 -1.62	25.30 -0.95 -1.81	29.91 -1.04 -2.78	35.34 -1.38 -4.68	30.97 -1.04 -3.92	27.77 -0.96 -3.44	26.83 -1.00 -2.07	24.54 -0.98 -1.68	20.08 -0.58 -2.95	19.86 -0.30 -2.63
NEG_PENN_ALLEGHNY 23528	26.98 0.33 -1.53	25.83 0.36 -1.64	24.87 0.38 -2.04	21.41 0.28 -4.60	22.04 0.32 -4.77	25.08 0.36 -5.58	34.19 0.55 -6.15	35.64 0.52 -8.92	33.97 0.43 -6.36	28.21 0.36 -4.17	27.10 0.36 -1.29	26.18 0.40 -0.90	24.14 0.30 -2.38	24.68 0.33 -2.64	24.89 0.35 -2.53	27.73 0.46 -2.82	33.11 0.59 -4.35	40.04 0.70 -7.30	34.82 0.62 -6.11	31.24 0.58 -5.37	29.56 0.57 -3.23	26.93 0.48 -2.62	22.68 0.37 -4.60	22.07 0.40 -4.15
NEG___GEN_MONROE 24207	25.77 -0.18 -0.82	24.60 -0.12 -0.88	23.49 -0.04 -1.09	18.99 0.00 -2.46	19.54 0.03 -2.55	22.12 0.00 -2.98	30.88 0.11 -3.29	30.91 -0.13 -4.84	30.41 -0.22 -3.45	25.80 -0.14 -2.26	26.03 -0.13 -0.70	25.30 -0.07 -0.49	22.62 -0.13 -1.29	22.97 -0.17 -1.43	23.32 -0.07 -1.37	25.95 -0.02 -1.53	30.58 0.06 -2.36	36.06 0.06 -3.96	32.03 0.62 -3.32	28.79 0.58 -2.92	27.65 0.13 -1.75	25.33 0.07 -1.42	20.39 0.18 -2.50	20.19 0.46 -2.22
NEPA___ENERGY 23901	25.73 -0.38 -0.98	24.63 -0.26 -1.05	23.65 -0.11 -1.31	19.50 0.02 -2.96	20.09 0.07 -3.07	22.70 -0.02 -3.59	31.22 -0.22 -3.96	31.51 -0.47 -5.78	30.54 -0.76 -4.12	25.82 -0.57 -2.71	25.73 -0.56 -0.84	25.15 -0.32 -0.58	22.66 -0.34 -1.54	23.08 -0.35 -1.71	23.45 -0.20 -1.64	26.13 -0.15 -1.83	30.87 -0.11 -2.82	36.42 -0.35 -4.73	31.94 -0.11 -3.96	28.65 -0.13 -3.49	27.68 -0.18 -2.09	25.29 -0.24 -1.70	20.66 -0.04 -2.98	20.45 0.26 -2.67
NEVERSINK___HYD 23608	29.71 1.36 -3.23	28.53 1.24 -3.46	27.94 1.19 -4.31	27.12 0.88 -9.72	27.93 0.90 -10.08	31.81 0.90 -11.77	41.99 1.51 -12.99	46.38 1.36 -18.82	42.01 1.41 -13.41	33.67 1.18 -8.80	29.37 1.20 -2.72	27.88 1.09 -1.89	26.76 0.28 -5.02	27.58 0.30 -5.57	27.70 0.35 -5.33	30.89 0.49 -5.96	38.04 0.70 -9.17	48.43 0.99 -15.40	41.86 0.87 -12.90	37.41 0.78 -11.34	34.08 1.49 -6.81	30.68 1.31 -5.53	28.30 0.89 -9.70	27.16 0.88 -8.76
NEWKRMKL_115KV_TB1 55635	29.66 0.28 -4.26	28.63 0.24 -4.56	28.33 0.20 -5.68	29.50 0.15 -12.82	30.43 0.19 -13.29	34.88 0.21 -15.53	44.95 0.33 -17.14	51.36 0.34 -24.82	45.28 0.41 -17.69	35.64 0.36 -11.61	29.45 0.41 -3.59	27.84 0.45 -2.50	28.49 0.41 -6.62	29.42 0.37 -7.34	29.44 0.40 -7.03	32.72 0.42 -7.86	40.77 0.51 -12.09	52.92 0.58 -20.31	45.64 0.53 -17.01	40.67 0.43 -14.96	35.22 0.46 -8.99	31.54 0.41 -7.30	30.75 0.25 -12.79	29.25 0.18 -11.56
NEWTON___FALLS_HYD 23847	24.51 -0.85 -0.24	23.17 -0.93 -0.26	21.76 -1.01 -0.32	16.46 -0.79 -0.73	16.79 -0.92 -0.75	19.08 -0.94 -0.88	27.19 -1.26 -0.97	26.88 -0.73 -1.41	27.21 -0.98 -1.01	23.25 -1.09 -0.66	24.47 -1.20 -0.20	23.61 -1.42 -0.14	20.63 -1.20 -0.38	20.96 -1.17 -0.42	21.20 -1.21 -0.40	23.50 -1.39 -0.45	27.22 -1.63 -0.69	21.79 -1.92 8.32	16.69 -1.71 9.69	14.36 -1.62 9.30	13.97 -1.57 10.22	12.07 -1.57 10.19	9.19 -1.31 7.22	9.02 -1.31 7.18
NGRID_A1_DSASP 323792	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.19 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.23 -1.06 -1.58	22.62 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.47 -1.04 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.79 -0.19 -2.46

NGRID_A2_DSASP 323793	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.19 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.23 -1.06 -1.58	22.62 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.47 -1.04 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.79 -0.19 -2.46
NGRID_A4_DSASP 323807	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.19 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.23 -1.06 -1.58	22.62 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.47 -1.04 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.79 -0.19 -2.46
NIAGARA_115E_LBMP 323715	24.78 -1.26 -0.91	23.69 -1.12 -0.97	22.69 -0.96 -1.21	18.63 -0.63 -2.73	19.22 -0.56 -2.83	21.66 -0.79 -3.31	29.73 -1.40 -3.65	29.84 -1.73 -5.37	29.11 -1.90 -3.83	24.75 -1.45 -2.51	24.73 -1.50 -0.78	24.21 -1.22 -0.54	21.75 -1.14 -1.43	22.11 -1.19 -1.59	22.48 -1.06 -1.52	24.97 -1.17 -1.70	29.38 -1.41 -2.62	34.61 -1.82 -4.39	30.43 -1.35 -3.68	27.36 -1.16 -3.24	26.45 -1.26 -1.94	24.32 -1.10 -1.58	19.86 -0.62 -2.77	19.70 -0.28 -2.46
NIAGARA_115W_LBMP 323714	24.85 -1.18 -0.91	23.76 -1.05 -0.97	22.76 -0.90 -1.21	18.71 -0.54 -2.73	19.30 -0.47 -2.83	21.71 -0.73 -3.30	29.75 -1.37 -3.64	29.84 -1.70 -5.34	29.14 -1.85 -3.80	24.78 -1.40 -2.50	24.78 -1.45 -0.77	24.26 -1.17 -0.54	21.83 -1.05 -1.42	22.18 -1.11 -1.58	22.58 -0.95 -1.51	25.06 -1.07 -1.69	29.42 -1.35 -2.60	34.64 -1.76 -4.37	30.46 -1.29 -3.66	27.39 -1.11 -3.22	26.54 -1.16 -1.93	24.40 -1.00 -1.57	19.90 -0.57 -2.75	19.75 -0.23 -2.46
NIAGARA_230_LBMP 323716	25.02 -1.01 -0.90	23.90 -0.91 -0.96	22.91 -0.74 -1.20	18.79 -0.45 -2.71	19.39 -0.37 -2.81	21.84 -0.57 -3.28	29.95 -1.15 -3.62	30.00 -1.49 -5.29	29.32 -1.63 -3.77	24.95 -1.21 -2.48	24.95 -1.27 -0.76	24.40 -1.02 -0.53	21.97 -0.90 -1.41	22.32 -0.95 -1.57	22.70 -0.81 -1.50	25.21 -0.90 -1.68	29.62 -1.13 -2.58	34.86 -1.51 -4.33	30.65 -1.07 -3.63	27.57 -0.91 -3.19	26.71 -0.98 -1.92	24.55 -0.83 -1.56	20.00 -0.44 -2.73	19.84 -0.12 -2.44
NIAGARA__115KV_198_GIBSON 55903	24.85 -1.18 -0.91	23.76 -1.05 -0.97	22.76 -0.90 -1.21	18.70 -0.55 -2.73	19.30 -0.47 -2.83	21.71 -0.73 -3.30	29.75 -1.37 -3.64	29.83 -1.70 -5.34	29.14 -1.85 -3.80	24.78 -1.40 -2.50	24.78 -1.45 -0.77	24.26 -1.17 -0.54	21.83 -1.05 -1.42	22.21 -1.09 -1.58	22.58 -0.95 -1.51	25.06 -1.08 -1.69	29.42 -1.35 -2.60	34.64 -1.76 -4.37	30.46 -1.29 -3.66	27.39 -1.11 -3.22	26.54 -1.16 -1.93	24.40 -1.00 -1.57	19.90 -0.57 -2.75	19.80 -0.18 -2.46
NIAGARA____ 23760	25.03 -1.01 -0.91	23.90 -0.91 -0.97	22.92 -0.74 -1.21	18.81 -0.45 -2.73	19.41 -0.37 -2.83	21.87 -0.57 -3.31	29.97 -1.15 -3.64	30.04 -1.49 -5.33	29.35 -1.63 -3.80	24.97 -1.21 -2.49	24.96 -1.27 -0.77	24.40 -1.02 -0.54	21.98 -0.90 -1.42	22.33 -0.95 -1.58	22.71 -0.81 -1.51	25.23 -0.90 -1.69	29.64 -1.13 -2.60	34.89 -1.51 -4.36	30.68 -1.07 -3.65	27.59 -0.91 -3.21	26.72 -0.98 -1.93	24.57 -0.83 -1.57	20.02 -0.44 -2.75	19.86 -0.12 -2.46
NINE_MILE_1 23575	25.09 -0.58 -0.54	23.90 -0.52 -0.58	22.68 -0.49 -0.73	17.80 -0.36 -1.64	18.30 -0.36 -1.70	20.74 -0.38 -1.99	29.04 -0.63 -2.19	28.75 -0.63 -3.17	28.77 -0.68 -2.26	24.60 -0.57 -1.48	25.28 -0.64 -0.46	24.61 -0.60 -0.32	21.79 -0.52 -0.85	22.13 -0.52 -0.94	22.36 -0.55 -0.90	24.84 -0.61 -1.01	29.01 -0.70 -1.55	33.87 -0.77 -2.60	29.59 -0.67 -2.18	26.59 -0.61 -1.91	26.30 -0.62 -1.15	24.24 -0.52 -0.93	19.00 -0.35 -1.64	18.68 -0.31 -1.48
NINE_MILE_2 23744	25.09 -0.58 -0.54	23.90 -0.52 -0.58	22.68 -0.49 -0.72	17.79 -0.36 -1.64	18.29 -0.36 -1.69	20.74 -0.38 -1.98	29.04 -0.63 -2.18	28.73 -0.63 -3.16	28.76 -0.68 -2.25	24.59 -0.57 -1.48	25.30 -0.61 -0.46	24.61 -0.60 -0.32	21.79 -0.52 -0.84	22.13 -0.52 -0.94	22.36 -0.55 -0.90	24.83 -0.61 -1.00	29.01 -0.70 -1.54	33.86 -0.77 -2.59	29.59 -0.67 -2.17	26.59 -0.61 -1.91	26.30 -0.62 -1.15	24.24 -0.52 -0.93	18.99 -0.35 -1.63	18.68 -0.31 -1.47
NM_CAPITAL____DRP 24208	29.70 0.33 -4.24	28.67 0.29 -4.55	28.38 0.27 -5.67	29.51 0.20 -12.79	30.43 0.22 -13.25	34.87 0.25 -15.49	44.96 0.38 -17.09	51.32 0.37 -24.76	45.26 0.43 -17.64	35.64 0.38 -11.58	29.49 0.46 -3.58	27.85 0.47 -2.49	28.49 0.43 -6.60	29.45 0.41 -7.33	29.47 0.44 -7.01	32.75 0.46 -7.84	40.76 0.54 -12.06	52.90 0.61 -20.25	45.62 0.56 -16.97	40.69 0.48 -14.92	35.25 0.52 -8.96	31.56 0.45 -7.28	30.76 0.28 -12.76	29.26 0.21 -11.53
NM_CENTRAL____DRP 24181	25.69 -0.10 -0.67	24.48 -0.07 -0.71	23.29 -0.04 -0.89	18.50 -0.03 -2.01	19.02 -0.02 -2.08	21.57 0.00 -2.43	30.17 0.00 -2.69	30.09 0.00 -3.89	29.90 -0.05 -2.77	25.45 -0.05 -1.82	25.97 -0.05 -0.56	25.23 -0.05 -0.39	22.45 -0.04 -1.04	22.82 -0.04 -1.15	23.05 -0.07 -1.10	25.62 -0.05 -1.23	30.03 -0.03 -1.89	34.90 0.03 -2.83	30.30 0.00 -2.20	27.21 0.00 -1.93	26.78 0.00 -1.01	24.61 0.02 -0.75	19.48 0.05 -1.71	19.13 0.09 -1.52
NM_FRONTIER____DRP 24179	24.85 -1.18 -0.91	23.76 -1.05 -0.97	22.76 -0.90 -1.21	18.70 -0.55 -2.73	19.30 -0.47 -2.83	21.71 -0.73 -3.30	29.75 -1.37 -3.64	29.83 -1.70 -5.34	29.14 -1.85 -3.80	24.78 -1.40 -2.50	24.78 -1.45 -0.77	24.26 -1.17 -0.54	21.83 -1.05 -1.42	22.21 -1.09 -1.58	22.58 -0.95 -1.51	25.06 -1.08 -1.69	29.42 -1.35 -2.60	34.64 -1.76 -4.37	30.46 -1.29 -3.66	27.39 -1.11 -3.22	26.54 -1.16 -1.93	24.40 -1.00 -1.57	19.90 -0.57 -2.75	19.80 -0.18 -2.46
NM_ST_REGIS____HYD 24053	24.02 -1.28 -0.17	22.62 -1.41 -0.19	21.11 -1.57 -0.23	15.81 -1.24 -0.53	16.04 -1.46 -0.54	18.20 -1.57 -0.64	25.96 -2.23 -0.70	25.71 -1.52 -1.03	26.20 -1.71 -0.73	22.45 -1.70 -0.48	23.77 -1.83 -0.15	22.83 -2.17 -0.10	19.93 -1.80 -0.27	20.28 -1.74 -0.30	20.41 -1.89 -0.29	22.52 -2.25 -0.32	25.85 -2.82 -0.50	15.13 -3.49 13.42	10.05 -3.09 14.96	8.02 -2.83 14.43	7.16 -2.83 15.77	5.44 -2.74 15.65	4.08 -2.21 11.42	4.01 -2.19 11.32
NORTHPORT____1 23551	41.71 1.61 -14.97	41.05 1.53 -15.68	39.97 1.48 -16.04	38.83 1.09 -21.22	38.81 1.12 -20.74	41.49 1.19 -21.17	47.02 1.84 -17.69	49.34 1.78 -21.36	43.74 2.01 -14.55	40.60 1.78 -15.14	35.46 1.96 -8.04	34.62 1.92 -7.82	33.32 1.65 -10.21	33.75 1.71 -10.32	36.26 1.72 -12.53	38.35 1.86 -12.06	50.72 2.06 -20.49	77.37 2.40 -42.93	60.48 1.97 -30.43	45.40 1.92 -18.20	44.52 1.91 -16.84	40.80 1.64 -15.32	38.38 1.21 -19.46	36.73 1.23 -17.98
NORTHPORT____2 23552	41.71 1.61 -14.97	41.05 1.53 -15.68	39.97 1.48 -16.04	38.83 1.09 -21.22	38.81 1.12 -20.74	41.49 1.19 -21.17	47.02 1.84 -17.69	49.34 1.78 -21.36	43.74 2.01 -14.55	40.60 1.78 -15.14	35.46 1.96 -8.04	34.62 1.92 -7.82	33.32 1.65 -10.21	33.75 1.71 -10.32	36.26 1.72 -12.53	38.35 1.86 -12.06	50.72 2.06 -20.49	77.37 2.40 -42.93	60.48 1.97 -30.43	45.40 1.92 -18.20	44.52 1.91 -16.84	40.80 1.64 -15.32	38.38 1.21 -19.46	36.73 1.23 -17.98

NORTHPORT___3 23553	41.86 1.76 -14.97	41.22 1.69 -15.68	40.12 1.64 -16.04	38.95 1.21 -21.22	38.93 1.24 -20.74	41.57 1.26 -21.17	46.99 1.81 -17.69	49.31 1.76 -21.36	43.74 2.01 -14.55	40.79 1.96 -15.14	35.64 2.14 -8.04	34.85 2.14 -7.82	33.51 1.85 -10.21	33.92 1.89 -10.32	36.37 1.83 -12.53	38.38 1.88 -12.06	50.83 2.17 -20.49	77.43 2.47 -42.92	60.82 2.30 -30.42	45.47 2.00 -18.19	44.54 1.93 -16.84	40.82 1.67 -15.32	38.41 1.24 -19.46	36.83 1.33 -17.98
NORTHPORT___4 23650	41.86 1.76 -14.97	41.22 1.69 -15.68	40.12 1.64 -16.04	38.95 1.21 -21.22	38.93 1.24 -20.74	41.57 1.26 -21.17	46.99 1.81 -17.69	49.31 1.76 -21.36	43.74 2.01 -14.55	40.79 1.96 -15.14	35.64 2.14 -8.04	34.85 2.14 -7.82	33.51 1.85 -10.21	33.92 1.89 -10.32	36.37 1.83 -12.53	38.38 1.88 -12.06	50.83 2.17 -20.49	77.43 2.47 -42.92	60.82 2.30 -30.42	45.47 2.00 -18.19	44.54 1.93 -16.84	40.82 1.67 -15.32	38.41 1.24 -19.46	36.83 1.33 -17.98
NORTHPORT___IC 23718	41.71 1.61 -14.97	41.05 1.53 -15.68	39.97 1.48 -16.04	38.83 1.09 -21.22	38.81 1.12 -20.74	41.49 1.19 -21.17	47.02 1.84 -17.69	49.34 1.78 -21.36	43.74 2.01 -14.55	40.60 1.78 -15.14	35.46 1.96 -8.04	34.62 1.92 -7.82	33.32 1.65 -10.21	33.75 1.71 -10.32	36.26 1.72 -12.53	38.35 1.86 -12.06	50.72 2.06 -20.49	77.37 2.40 -42.93	60.48 1.97 -30.43	45.40 1.92 -18.20	44.52 1.91 -16.84	40.80 1.64 -15.32	38.38 1.21 -19.46	36.73 1.23 -17.98
NORTH___COUNTRY_ESR 323785	23.81 -1.46 -0.14	22.37 -1.62 -0.15	20.82 -1.82 -0.19	15.48 -1.47 -0.42	15.66 -1.73 -0.44	17.76 -1.89 -0.51	25.27 -2.77 -0.57	24.87 -2.15 -0.82	25.51 -2.26 -0.58	21.86 -2.20 -0.38	23.31 -2.27 -0.12	22.38 -2.59 -0.08	19.49 -2.19 -0.22	19.80 -2.15 -0.24	19.89 -2.36 -0.23	21.82 -2.88 -0.26	24.76 -3.80 -0.40	11.10 -4.81 16.13	0.58 -4.30 23.21	0.84 -3.97 20.48	3.20 -3.84 18.73	1.61 -3.67 18.55	1.13 -2.92 13.66	1.19 -2.82 13.51
NPX_GEN_1385_PROXY 323591	35.56 0.88 -9.55	34.44 0.83 -9.77	32.85 0.81 -9.60	34.21 0.59 -17.09	35.02 0.61 -17.46	39.39 0.61 -19.64	46.49 1.32 -17.69	49.99 1.36 -22.43	42.37 1.71 -13.48	39.76 1.09 -14.99	34.77 1.27 -8.04	33.90 1.19 -7.82	32.78 1.12 -10.21	33.27 1.24 -10.32	35.71 1.17 -12.53	37.57 1.15 -11.98	42.50 1.24 -13.09	50.00 1.44 -16.52	47.08 0.93 -18.06	44.44 0.96 -18.20	40.08 1.13 -13.18	36.55 0.95 -11.76	36.32 0.67 -17.93	34.74 0.70 -16.52
NPX_GEN_CSC 323557	42.13 2.03 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	50.98 2.36 -22.43	43.11 2.45 -13.48	40.83 2.01 -15.14	35.74 2.24 -8.04	34.85 2.14 -7.82	33.51 1.85 -10.21	33.94 1.91 -10.32	36.54 2.00 -12.53	38.89 2.40 -12.06	51.54 2.87 -20.49	78.31 3.30 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.25 2.60 -16.88	41.48 2.29 -15.36	38.79 1.61 -19.46	37.02 1.52 -17.98
NSINS_S_GLNS_FALLS 23858	30.46 0.98 -4.35	29.38 0.88 -4.66	29.07 0.81 -5.81	30.25 0.61 -13.12	31.31 0.76 -13.59	35.92 0.90 -15.89	46.50 1.48 -17.53	53.01 1.41 -25.39	46.66 1.39 -18.09	36.60 1.04 -11.88	30.22 1.09 -3.67	28.34 0.90 -2.56	29.05 0.82 -6.77	30.07 0.85 -7.51	30.11 0.90 -7.19	33.39 0.90 -8.04	41.64 1.10 -12.37	54.25 1.44 -20.77	46.81 1.32 -17.40	41.62 1.04 -15.30	35.94 0.98 -9.19	32.08 0.79 -7.47	31.49 0.69 -13.08	30.44 1.10 -11.82
NUCOR_STEEL___DRP 24197	26.15 0.23 -0.79	24.98 0.29 -0.85	23.78 0.27 -1.06	19.12 0.20 -2.40	19.65 0.22 -2.48	22.33 0.29 -2.90	31.10 0.41 -3.20	31.22 0.39 -4.63	30.81 0.33 -3.30	26.11 0.26 -2.17	26.36 0.23 -0.67	25.60 0.25 -0.47	22.87 0.17 -1.23	23.28 0.20 -1.37	23.50 0.18 -1.31	26.20 0.29 -1.47	30.82 0.39 -2.26	36.37 0.54 -3.79	31.71 0.45 -3.17	28.48 0.40 -2.79	27.86 0.41 -1.68	25.58 0.38 -1.36	20.42 0.32 -2.39	20.03 0.35 -2.16
NUMBER_THREE_WT_PWR 323818	25.38 -0.03 -0.28	24.07 -0.07 -0.30	22.69 -0.13 -0.38	17.28 -0.10 -0.85	17.70 -0.14 -0.88	20.13 -0.04 -1.03	28.71 0.08 -1.14	28.22 0.37 -1.66	28.47 0.11 -1.18	24.31 -0.14 -0.77	25.49 -0.20 -0.24	24.71 -0.35 -0.17	21.60 -0.30 -0.44	21.92 -0.28 -0.49	22.22 -0.26 -0.47	24.70 -0.27 -0.52	28.81 -0.17 -0.81	29.07 -0.13 2.84	24.34 -0.17 3.59	21.56 -0.23 3.50	21.46 -0.15 4.16	19.38 -0.24 4.21	14.75 -0.30 2.67	14.50 -0.31 2.70
NYISO_LBMP_REFERENCE 24008	25.13 0.00 0.00	23.84 0.00 0.00	22.45 0.00 0.00	16.52 0.00 0.00	16.95 0.00 0.00	19.14 0.00 0.00	27.48 0.00 0.00	26.20 0.00 0.00	27.18 0.00 0.00	23.68 0.00 0.00	25.46 0.00 0.00	24.89 0.00 0.00	21.46 0.00 0.00	21.71 0.00 0.00	22.01 0.00 0.00	24.44 0.00 0.00	28.17 0.00 0.00	32.04 0.00 0.00	28.09 0.00 0.00	25.29 0.00 0.00	25.77 0.00 0.00	23.83 0.00 0.00	17.71 0.00 0.00	17.52 0.00 0.00
NYPA_BRENTWD___GT 24164	42.18 2.08 -14.97	41.48 1.96 -15.68	40.33 1.84 -16.04	39.09 1.36 -21.22	39.08 1.39 -20.74	41.86 1.55 -21.17	47.65 2.47 -17.69	49.96 2.41 -21.36	44.31 2.58 -14.55	41.03 2.20 -15.14	35.92 2.42 -8.04	35.02 2.32 -7.82	33.66 2.00 -10.21	34.10 2.06 -10.32	36.68 2.13 -12.53	38.89 2.40 -12.06	51.34 2.68 -20.49	77.85 2.88 -42.93	60.69 2.16 -30.44	45.57 2.07 -18.21	45.01 2.40 -16.85	41.04 1.88 -15.33	38.75 1.58 -19.46	37.06 1.56 -17.98
NYPA_GOWANUS___GT5 24156	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NYPA_GOWANUS___GT6 24157	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.40 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.52 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.42 1.38 -9.51
NYPA_HARLEM__RVR__GT1 24160	30.27 1.63 -3.51	29.14 1.55 -3.76	28.61 1.48 -4.68	28.19 1.11 -10.56	29.01 1.12 -10.94	32.87 0.96 -12.77	43.01 1.43 -14.10	47.97 1.36 -20.41	43.41 1.69 -14.54	34.83 1.61 -9.54	30.16 1.76 -2.94	28.71 1.77 -2.05	28.53 1.63 -5.45	29.31 1.56 -6.03	29.35 1.56 -5.77	32.56 1.66 -6.46	40.02 1.92 -9.94	50.81 2.08 -16.69	43.88 1.80 -13.98	39.28 1.69 -12.30	34.83 1.67 -7.38	31.31 1.48 -6.00	29.66 1.42 -10.53	28.43 1.40 -9.51
NYPA_HARLEM__RVR__GT2 24161	30.27 1.63 -3.51	29.14 1.55 -3.76	28.61 1.48 -4.68	28.19 1.11 -10.56	29.01 1.12 -10.94	32.87 0.96 -12.77	43.01 1.43 -14.10	47.97 1.36 -20.41	43.41 1.69 -14.54	34.83 1.61 -9.54	30.16 1.76 -2.94	28.71 1.77 -2.05	28.53 1.63 -5.45	29.31 1.56 -6.03	29.35 1.56 -5.77	32.56 1.66 -6.46	40.02 1.92 -9.94	50.81 2.08 -16.69	43.88 1.80 -13.98	39.28 1.69 -12.30	34.83 1.67 -7.38	31.31 1.48 -6.00	29.66 1.42 -10.53	28.43 1.40 -9.51

NYPA_KENT____GT 24152	30.39 1.76 -3.51	29.22 1.62 -3.76	28.68 1.55 -4.68	28.20 1.12 -10.56	29.04 1.15 -10.94	33.04 1.13 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.03 1.80 -9.55	30.37 1.96 -2.95	28.86 1.92 -2.05	28.60 1.69 -5.45	29.47 1.71 -6.04	29.52 1.72 -5.78	32.79 1.88 -6.47	40.31 2.20 -9.95	51.17 2.43 -16.70	44.13 2.05 -13.99	39.54 1.95 -12.30	35.07 1.91 -7.39	31.53 1.69 -6.00	29.59 1.35 -10.53	28.36 1.33 -9.51
NYPA_POUCH1____GT 24155	30.52 1.89 -3.51	29.34 1.74 -3.76	28.77 1.64 -4.68	28.29 1.21 -10.56	29.13 1.24 -10.94	33.12 1.21 -12.77	43.28 1.70 -14.10	48.32 1.70 -20.42	43.71 1.98 -14.55	35.08 1.85 -9.55	30.45 2.04 -2.95	28.91 1.97 -2.05	28.64 1.74 -5.45	29.51 1.76 -6.04	29.56 1.76 -5.78	32.84 1.93 -6.47	40.40 2.28 -9.95	51.27 2.53 -16.70	44.22 2.13 -13.99	39.64 2.05 -12.30	35.17 2.01 -7.39	31.62 1.79 -6.00	29.66 1.42 -10.53	28.43 1.40 -9.51
NYPA_VERNON____GT2 24162	30.29 1.66 -3.51	29.15 1.55 -3.76	28.59 1.46 -4.68	28.15 1.07 -10.56	28.99 1.10 -10.94	33.00 1.09 -12.77	43.23 1.65 -14.10	48.24 1.62 -20.42	43.66 1.93 -14.55	35.01 1.78 -9.55	30.34 1.93 -2.95	28.86 1.92 -2.05	28.58 1.67 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.76 1.86 -6.47	40.26 2.14 -9.95	51.11 2.37 -16.70	44.08 1.99 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.48 1.64 -6.00	29.54 1.29 -10.53	28.33 1.30 -9.52
NYPA_VERNON____GT3 24163	30.29 1.66 -3.51	29.15 1.55 -3.76	28.59 1.46 -4.68	28.15 1.07 -10.56	28.99 1.10 -10.94	33.00 1.09 -12.77	43.23 1.65 -14.10	48.24 1.62 -20.42	43.66 1.93 -14.55	35.01 1.78 -9.55	30.34 1.93 -2.95	28.86 1.92 -2.05	28.58 1.67 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.76 1.86 -6.47	40.26 2.14 -9.95	51.11 2.37 -16.70	44.08 1.99 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.48 1.64 -6.00	29.54 1.29 -10.53	28.33 1.30 -9.52
NYPA__ASTORIA_CC1 323568	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.09 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.87 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.41 1.82 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.31 1.28 -9.51
NYPA__ASTORIA_CC2 323569	30.27 1.63 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.09 -10.94	32.96 1.05 -12.77	43.17 1.59 -14.10	48.19 1.57 -20.42	43.61 1.87 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.02 2.27 -16.70	44.02 1.94 -13.99	39.41 1.82 -12.30	34.96 1.80 -7.39	31.43 1.60 -6.00	29.54 1.29 -10.53	28.31 1.28 -9.51
NYPA__HOLTSVILL 23794	41.96 1.86 -14.97	41.26 1.74 -15.68	40.17 1.68 -16.04	38.98 1.24 -21.22	38.97 1.27 -20.74	41.68 1.38 -21.17	47.40 2.23 -17.69	49.65 2.10 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.59 2.09 -8.04	34.72 2.02 -7.82	33.40 1.74 -10.21	33.83 1.80 -10.32	36.39 1.85 -12.53	38.67 2.17 -12.06	51.17 2.51 -20.49	77.92 2.92 -42.97	61.17 2.53 -30.55	45.98 2.38 -18.32	44.95 2.29 -16.88	41.22 2.02 -15.36	38.63 1.45 -19.46	36.90 1.40 -17.98
NYPA____HELLGATE_GT1 24158	30.27 1.63 -3.51	29.14 1.55 -3.76	28.61 1.48 -4.68	28.19 1.11 -10.56	29.01 1.12 -10.94	32.87 0.96 -12.77	43.01 1.43 -14.10	47.97 1.36 -20.41	43.41 1.69 -14.54	34.83 1.61 -9.54	30.16 1.76 -2.94	28.71 1.77 -2.05	28.53 1.63 -5.45	29.31 1.56 -6.03	29.35 1.56 -5.77	32.56 1.66 -6.46	40.02 1.92 -9.94	50.81 2.08 -16.69	43.88 1.80 -13.98	39.28 1.69 -12.30	34.83 1.67 -7.38	31.31 1.48 -6.00	29.66 1.42 -10.53	28.43 1.40 -9.51
NYPA____HELLGATE_GT2 24159	30.27 1.63 -3.51	29.14 1.55 -3.76	28.61 1.48 -4.68	28.19 1.11 -10.56	29.01 1.12 -10.94	32.87 0.96 -12.77	43.01 1.43 -14.10	47.97 1.36 -20.41	43.41 1.69 -14.54	34.83 1.61 -9.54	30.16 1.76 -2.94	28.71 1.77 -2.05	28.53 1.63 -5.45	29.31 1.56 -6.03	29.35 1.56 -5.77	32.56 1.66 -6.46	40.02 1.92 -9.94	50.81 2.08 -16.69	43.88 1.80 -13.98	39.28 1.69 -12.30	34.83 1.67 -7.38	31.31 1.48 -6.00	29.66 1.42 -10.53	28.43 1.40 -9.51
NYS_BARGE__HYD 23848	25.17 -0.85 -0.89	24.06 -0.74 -0.96	23.06 -0.58 -1.19	18.87 -0.35 -2.70	19.47 -0.27 -2.79	21.94 -0.46 -3.26	30.20 -0.88 -3.60	30.33 -1.20 -5.34	29.63 -1.36 -3.80	25.18 -0.99 -2.50	25.18 -1.04 -0.77	24.63 -0.80 -0.54	22.13 -0.75 -1.42	22.47 -0.82 -1.58	22.87 -0.66 -1.51	25.40 -0.73 -1.69	29.92 -0.84 -2.60	35.22 -1.18 -4.37	30.96 -0.79 -3.66	27.85 -0.66 -3.22	26.93 -0.77 -1.93	24.73 -0.67 -1.57	20.15 -0.32 -2.75	19.95 0.00 -2.43
OAK_ORCHARD__HYD 24046	25.77 -0.17 -0.81	24.59 -0.12 -0.87	23.49 -0.04 -1.09	18.98 0.00 -2.45	19.54 0.05 -2.54	22.15 0.04 -2.97	30.98 0.22 -3.28	31.04 0.03 -4.82	30.59 -0.03 -3.43	25.93 0.00 -2.25	26.13 -0.03 -0.70	25.42 0.05 -0.48	22.74 0.00 -1.29	23.09 -0.04 -1.43	23.45 0.07 -1.36	26.07 0.10 -1.53	30.74 0.22 -2.35	36.27 0.29 -3.94	32.18 0.79 -3.30	28.92 0.73 -2.90	27.74 0.23 -1.74	25.44 0.19 -1.42	20.41 0.21 -2.48	20.13 0.40 -2.21
OAKDALE__35_KV_LOAD 356122	26.87 0.23 -1.52	25.73 0.26 -1.63	24.77 0.29 -2.03	21.34 0.23 -4.58	21.96 0.25 -4.75	24.98 0.29 -5.55	34.02 0.41 -6.12	35.45 0.37 -8.88	33.81 0.30 -6.33	28.07 0.24 -4.15	27.00 0.25 -1.28	26.06 0.27 -0.89	24.04 0.21 -2.37	24.56 0.22 -2.63	24.79 0.26 -2.52	27.60 0.34 -2.81	32.94 0.45 -4.33	39.85 0.54 -7.26	34.66 0.48 -6.09	31.07 0.43 -5.35	29.42 0.44 -3.21	26.80 0.36 -2.61	22.57 0.28 -4.58	21.98 0.33 -4.13
OCC_CHEM__DRP 24175	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.20 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.25 -1.04 -1.58	22.63 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.45 -1.06 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.84 -0.14 -2.46
OH_GEN_PROXY 24063	25.04 -0.98 -0.90	23.92 -0.88 -0.96	22.93 -0.72 -1.20	18.80 -0.43 -2.71	19.40 -0.36 -2.81	21.86 -0.56 -3.28	30.00 -1.10 -3.62	31.14 -1.42 -6.35	28.30 -1.58 -2.70	24.99 -1.16 -2.47	25.00 -1.22 -0.76	24.45 -0.97 -0.53	21.99 -0.88 -1.41	22.34 -0.93 -1.56	22.74 -0.77 -1.50	25.26 -0.86 -1.67	29.70 -1.04 -2.57	34.95 -1.41 -4.32	30.70 -1.01 -3.62	27.64 -0.83 -3.18	26.75 -0.93 -1.91	24.60 -0.79 -1.55	20.03 -0.41 -2.72	19.85 -0.10 -2.44
OLIN_CORP_DRP 24177	24.83 -1.21 -0.91	23.74 -1.07 -0.97	22.74 -0.92 -1.22	18.69 -0.58 -2.74	19.27 -0.53 -2.84	21.71 -0.75 -3.32	29.80 -1.35 -3.66	29.91 -1.68 -5.39	29.17 -1.85 -3.84	24.80 -1.40 -2.52	24.79 -1.45 -0.78	24.26 -1.17 -0.54	21.80 -1.09 -1.44	22.15 -1.15 -1.59	22.55 -0.99 -1.53	25.02 -1.12 -1.71	29.44 -1.35 -2.62	34.68 -1.76 -4.41	30.52 -1.26 -3.69	27.42 -1.11 -3.25	26.53 -1.19 -1.95	24.37 -1.05 -1.58	19.91 -0.58 -2.78	19.76 -0.23 -2.47

OLIN_CORP_DSASP 323712	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.19 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.23 -1.06 -1.58	22.62 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.47 -1.04 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.79 -0.19 -2.46
ONEIDA_HERK_LFGE 323681	25.75 0.38 -0.25	24.44 0.33 -0.27	23.05 0.27 -0.33	17.47 0.20 -0.75	17.93 0.20 -0.77	20.35 0.31 -0.90	29.03 0.55 -1.00	28.32 0.68 -1.44	28.75 0.54 -1.03	24.66 0.31 -0.68	25.95 0.28 -0.21	25.23 0.20 -0.15	22.02 0.17 -0.39	22.29 0.15 -0.43	22.62 0.20 -0.41	25.14 0.24 -0.46	29.27 0.39 -0.70	31.93 0.51 0.61	27.43 0.36 1.03	24.49 0.25 1.05	24.62 0.36 1.51	22.51 0.26 1.59	17.06 0.11 0.76	16.81 0.11 0.81
ONEIDA___115KV_TB4 55905	26.25 0.70 -0.42	24.98 0.69 -0.45	23.64 0.63 -0.56	18.27 0.48 -1.26	18.75 0.49 -1.31	21.30 0.63 -1.53	30.16 0.99 -1.69	29.69 1.05 -2.45	29.85 0.92 -1.74	25.49 0.66 -1.14	26.47 0.66 -0.35	25.73 0.60 -0.25	22.63 0.52 -0.65	22.93 0.50 -0.72	23.26 0.55 -0.69	25.85 0.64 -0.77	30.26 0.90 -1.19	34.41 1.06 -1.32	29.84 0.84 -0.91	26.74 0.71 -0.74	26.68 0.80 -0.11	24.48 0.69 0.04	18.86 0.46 -0.69	18.57 0.47 -0.58
ONONDAGA_REF_OCCRA 23987	25.87 0.00 -0.75	24.66 0.02 -0.80	23.49 0.04 -1.00	18.81 0.03 -2.25	19.34 0.05 -2.33	21.94 0.08 -2.73	30.60 0.11 -3.01	30.69 0.13 -4.36	30.37 0.08 -3.10	25.79 0.07 -2.04	26.11 0.03 -0.63	25.38 0.05 -0.44	22.66 0.04 -1.16	23.04 0.04 -1.29	23.27 0.02 -1.23	25.89 0.07 -1.38	30.40 0.11 -2.12	35.48 0.19 -3.25	30.81 0.14 -2.58	27.67 0.13 -2.26	27.15 0.15 -1.22	24.91 0.14 -0.93	19.82 0.12 -1.98	19.43 0.14 -1.77
ONONDAGA___COGEN 23986	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.08 -2.26	21.89 0.11 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.09 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.40 0.22 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.15 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
ONTARIO___LFGE 23819	26.26 0.25 -0.88	25.07 0.29 -0.94	23.94 0.31 -1.17	19.42 0.25 -2.65	20.00 0.31 -2.75	22.73 0.38 -3.21	31.66 0.63 -3.54	31.90 0.58 -5.12	31.29 0.46 -3.65	26.41 0.33 -2.40	26.51 0.31 -0.74	25.73 0.32 -0.52	23.06 0.24 -1.37	23.49 0.26 -1.52	23.77 0.31 -1.45	26.50 0.44 -1.62	31.28 0.62 -2.50	36.84 0.61 -4.19	32.25 0.65 -3.51	28.96 0.58 -3.09	28.22 0.59 -1.85	25.82 0.48 -1.51	20.74 0.39 -2.64	20.36 0.45 -2.39
ORANGEVILLE_WT_PWR 323706	25.70 -0.45 -1.02	24.57 -0.36 -1.09	23.52 -0.29 -1.36	19.46 -0.13 -3.07	20.05 -0.08 -3.19	22.69 -0.17 -3.72	31.10 -0.49 -4.11	31.43 -0.76 -5.99	30.53 -0.92 -4.27	25.77 -0.71 -2.80	25.61 -0.71 -0.87	25.00 -0.50 -0.60	22.57 -0.49 -1.60	22.96 -0.52 -1.77	23.34 -0.37 -1.70	25.92 -0.42 -1.90	30.61 -0.48 -2.92	36.14 -0.80 -4.90	31.70 -0.50 -4.11	28.49 -0.41 -3.61	27.45 -0.49 -2.17	25.14 -0.45 -1.76	20.63 -0.18 -3.09	20.34 0.05 -2.77
ORANGEVILLE___ESR 323794	25.70 -0.45 -1.02	24.57 -0.36 -1.09	23.52 -0.29 -1.36	19.46 -0.13 -3.07	20.05 -0.08 -3.19	22.69 -0.17 -3.72	31.10 -0.49 -4.11	31.43 -0.76 -5.99	30.53 -0.92 -4.27	25.77 -0.71 -2.80	25.61 -0.71 -0.87	25.00 -0.50 -0.60	22.57 -0.49 -1.60	22.96 -0.52 -1.77	23.34 -0.37 -1.70	25.92 -0.42 -1.90	30.61 -0.48 -2.92	36.14 -0.80 -4.90	31.70 -0.50 -4.11	28.49 -0.41 -3.61	27.45 -0.49 -2.17	25.14 -0.45 -1.76	20.63 -0.18 -3.09	20.34 0.05 -2.77
OSWEGATCHIE___HYD 24044	24.51 -0.85 -0.24	23.17 -0.93 -0.26	21.76 -1.01 -0.32	16.46 -0.79 -0.73	16.79 -0.92 -0.75	19.08 -0.94 -0.88	27.19 -1.26 -0.97	26.88 -0.73 -1.41	27.21 -0.98 -1.01	23.25 -1.09 -0.66	24.47 -1.20 -0.20	23.61 -1.42 -0.14	20.63 -1.20 -0.38	20.96 -1.17 -0.42	21.20 -1.21 -0.40	23.50 -1.39 -0.45	27.22 -1.63 -0.69	21.79 -1.92 8.32	16.69 -1.71 9.69	14.36 -1.62 9.30	13.97 -1.57 10.22	12.07 -1.57 10.19	9.19 -1.31 7.22	9.02 -1.31 7.18
OSWEGO___5 23606	25.31 -0.40 -0.58	24.08 -0.38 -0.62	22.89 -0.34 -0.78	18.03 -0.25 -1.75	18.53 -0.24 -1.82	21.01 -0.25 -2.12	29.42 -0.41 -2.34	29.17 -0.42 -3.39	29.14 -0.46 -2.42	24.86 -0.40 -1.59	25.52 -0.43 -0.49	24.81 -0.42 -0.34	22.00 -0.36 -0.91	22.35 -0.37 -1.00	22.58 -0.40 -0.96	25.10 -0.42 -1.07	29.34 -0.48 -1.65	34.30 -0.51 -2.78	29.97 -0.45 -2.33	26.93 -0.41 -2.05	26.58 -0.41 -1.23	24.50 -0.33 -1.00	19.25 -0.21 -1.75	18.91 -0.19 -1.58
OSWEGO___6 23613	25.31 -0.40 -0.58	24.08 -0.38 -0.62	22.89 -0.34 -0.78	18.03 -0.25 -1.75	18.53 -0.24 -1.82	21.01 -0.25 -2.12	29.42 -0.41 -2.34	29.17 -0.42 -3.39	29.14 -0.46 -2.42	24.86 -0.40 -1.59	25.52 -0.43 -0.49	24.81 -0.42 -0.34	22.00 -0.36 -0.91	22.35 -0.37 -1.00	22.58 -0.40 -0.96	25.10 -0.42 -1.07	29.34 -0.48 -1.65	34.30 -0.51 -2.78	29.97 -0.45 -2.33	26.93 -0.41 -2.05	26.58 -0.41 -1.23	24.50 -0.33 -1.00	19.25 -0.21 -1.75	18.91 -0.19 -1.58
OUTOKUMPU-AB___DRP 24206	25.41 -0.63 -0.91	24.32 -0.50 -0.98	23.29 -0.38 -1.22	19.10 -0.18 -2.76	19.71 -0.10 -2.86	22.21 -0.27 -3.34	30.51 -0.66 -3.68	30.64 -0.97 -5.41	29.92 -1.11 -3.86	25.41 -0.81 -2.53	25.40 -0.84 -0.78	24.86 -0.57 -0.54	22.34 -0.56 -1.44	22.70 -0.61 -1.60	23.11 -0.44 -1.53	25.64 -0.51 -1.71	30.19 -0.62 -2.64	35.50 -0.96 -4.43	31.21 -0.59 -3.71	28.02 -0.53 -3.26	27.16 -0.57 -1.96	24.95 -0.48 -1.59	20.31 -0.19 -2.79	20.16 0.16 -2.48
OXBOW___ 24026	25.23 -0.81 -0.91	24.12 -0.69 -0.97	23.10 -0.56 -1.22	18.97 -0.30 -2.74	19.56 -0.24 -2.84	22.04 -0.42 -3.32	30.24 -0.91 -3.66	30.35 -1.23 -5.38	29.63 -1.39 -3.83	25.18 -1.02 -2.52	25.19 -1.04 -0.78	24.66 -0.77 -0.54	22.19 -0.71 -1.43	22.52 -0.78 -1.59	22.92 -0.62 -1.52	25.44 -0.71 -1.70	29.92 -0.87 -2.62	35.22 -1.22 -4.40	30.94 -0.84 -3.69	27.82 -0.71 -3.24	26.94 -0.77 -1.95	24.77 -0.64 -1.58	20.17 -0.32 -2.77	19.99 0.00 -2.47
OXY_CHEM_DSASP 323612	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.20 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.25 -1.04 -1.58	22.63 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.45 -1.06 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.84 -0.14 -2.46
OZONE_PARK_ESR 323760	30.31 1.68 -3.50	29.14 1.55 -3.75	28.60 1.48 -4.68	28.15 1.07 -10.55	28.98 1.10 -10.93	33.06 1.15 -12.77	43.50 1.92 -14.10	48.50 1.89 -20.42	43.88 2.15 -14.55	35.15 1.92 -9.55	30.50 2.09 -2.95	28.99 2.04 -2.05	28.66 1.76 -5.45	29.55 1.80 -6.04	29.60 1.81 -5.78	32.91 2.00 -6.46	40.43 2.31 -9.95	51.40 2.66 -16.70	44.27 2.19 -13.99	39.69 2.10 -12.30	35.22 2.06 -7.39	31.62 1.79 -6.00	29.56 1.33 -10.52	28.29 1.26 -9.51

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.20 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.25 -1.04 -1.58	22.63 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.45 -1.06 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.84 -0.14 -2.46
PACKARD__115KV_DUPONT_184 80571	24.90 -1.13 -0.91	23.81 -1.00 -0.97	22.80 -0.85 -1.21	18.74 -0.51 -2.73	19.34 -0.44 -2.83	21.75 -0.69 -3.31	29.84 -1.29 -3.65	29.89 -1.65 -5.34	29.20 -1.79 -3.81	24.85 -1.33 -2.50	24.83 -1.40 -0.77	24.31 -1.12 -0.54	21.90 -0.99 -1.43	22.25 -1.04 -1.58	22.63 -0.90 -1.51	25.11 -1.03 -1.69	29.48 -1.30 -2.60	34.71 -1.70 -4.37	30.52 -1.24 -3.66	27.45 -1.06 -3.22	26.60 -1.11 -1.93	24.45 -0.95 -1.57	19.94 -0.53 -2.75	19.84 -0.14 -2.46
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.32 1.68 -3.51	29.17 1.57 -3.76	28.63 1.50 -4.68	28.19 1.11 -10.56	29.03 1.14 -10.94	32.93 1.01 -12.77	43.06 1.48 -14.10	48.06 1.44 -20.42	43.47 1.74 -14.55	34.84 1.61 -9.55	30.19 1.78 -2.95	28.69 1.74 -2.05	28.49 1.59 -5.45	29.29 1.54 -6.04	29.34 1.54 -5.78	32.59 1.69 -6.47	40.06 1.94 -9.95	50.85 2.11 -16.70	43.88 1.80 -13.99	39.34 1.74 -12.30	34.84 1.67 -7.39	31.34 1.50 -6.00	29.61 1.36 -10.53	28.35 1.31 -9.51
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.57 1.93 -3.51	29.41 1.81 -3.76	28.88 1.75 -4.68	28.37 1.29 -10.56	29.20 1.31 -10.94	33.10 1.19 -12.77	43.34 1.76 -14.10	48.32 1.70 -20.42	43.72 1.98 -14.55	35.05 1.82 -9.55	30.42 2.01 -2.95	28.91 1.97 -2.05	28.66 1.76 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.79 1.88 -6.47	40.28 2.17 -9.95	51.14 2.40 -16.70	43.99 1.91 -13.99	39.44 1.85 -12.30	35.07 1.91 -7.39	31.55 1.72 -6.00	29.77 1.52 -10.53	28.50 1.47 -9.51
PATROON__115KV_TB1 80586	29.75 0.35 -4.27	28.72 0.31 -4.57	28.42 0.27 -5.70	29.58 0.20 -12.86	30.51 0.24 -13.33	34.98 0.27 -15.57	45.11 0.44 -17.18	51.53 0.45 -24.89	45.43 0.52 -17.74	35.75 0.43 -11.64	29.54 0.48 -3.60	27.92 0.52 -2.51	28.57 0.47 -6.64	29.51 0.43 -7.36	29.53 0.46 -7.05	32.84 0.51 -7.88	40.89 0.59 -12.13	53.10 0.70 -20.36	45.77 0.62 -17.06	40.79 0.51 -15.00	35.35 0.57 -9.01	31.63 0.48 -7.32	30.84 0.30 -12.83	29.33 0.23 -11.59
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.18 -0.90 -0.95	24.07 -0.79 -1.02	23.09 -0.63 -1.28	19.04 -0.36 -2.88	19.63 -0.31 -2.98	22.18 -0.44 -3.48	30.50 -0.82 -3.84	30.78 -1.05 -5.63	29.89 -1.30 -4.01	25.29 -1.02 -2.63	25.20 -1.07 -0.81	24.63 -0.82 -0.57	22.19 -0.77 -1.50	22.57 -0.80 -1.67	22.95 -0.66 -1.59	25.52 -0.71 -1.78	30.15 -0.76 -2.74	35.55 -1.09 -4.61	31.19 -0.76 -3.86	27.97 -0.71 -3.39	27.06 -0.75 -2.04	24.77 -0.71 -1.66	20.23 -0.39 -2.90	20.02 -0.09 -2.59
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.26 1.58 -3.55	29.12 1.48 -3.80	28.58 1.39 -4.75	28.27 1.04 -10.71	29.10 1.05 -11.09	33.23 1.13 -12.96	43.60 1.81 -14.31	48.70 1.78 -20.72	43.91 1.96 -14.77	35.17 1.80 -9.69	30.29 1.83 -2.99	28.74 1.77 -2.09	28.49 1.50 -5.53	29.36 1.52 -6.13	29.45 1.56 -5.87	32.69 1.69 -6.56	40.15 1.89 -10.10	51.30 2.31 -16.95	44.23 1.94 -14.20	39.57 1.80 -12.49	35.10 1.83 -7.50	31.50 1.57 -6.09	29.46 1.06 -10.68	28.13 0.96 -9.65
PEEKSKILL____ 23653	29.91 1.31 -3.47	28.77 1.22 -3.72	28.27 1.19 -4.64	27.85 0.86 -10.47	28.68 0.88 -10.85	32.75 0.94 -12.67	43.01 1.54 -13.99	47.98 1.52 -20.26	43.28 1.66 -14.44	34.65 1.49 -9.48	29.99 1.60 -2.93	28.50 1.57 -2.04	28.22 1.35 -5.40	29.10 1.39 -6.00	29.16 1.41 -5.74	32.45 1.59 -6.42	39.84 1.80 -9.87	50.73 2.11 -16.57	43.72 1.74 -13.88	39.12 1.62 -12.21	34.75 1.65 -7.33	31.20 1.41 -5.96	29.16 1.01 -10.44	27.93 0.98 -9.43
PGE MADISON__WINDPWR 24146	28.96 2.39 -1.45	27.70 2.31 -1.55	26.56 2.18 -1.94	22.54 1.65 -4.37	23.21 1.73 -4.52	26.51 2.09 -5.29	36.61 3.30 -5.83	37.90 3.25 -8.45	36.03 2.83 -6.02	29.67 2.04 -3.95	28.69 2.01 -1.22	27.61 1.87 -0.85	25.26 1.55 -2.25	25.71 1.50 -2.50	26.08 1.67 -2.39	29.15 2.03 -2.68	35.10 2.82 -4.12	42.38 3.43 -6.92	36.81 2.92 -5.79	32.89 2.50 -5.09	31.46 2.63 -3.06	28.58 2.27 -2.49	23.65 1.58 -4.36	23.06 1.61 -3.93
PIERCEFIELD__HYD 23852	24.00 -1.31 -0.18	22.63 -1.41 -0.19	21.14 -1.55 -0.24	15.86 -1.21 -0.54	16.09 -1.42 -0.56	18.27 -1.53 -0.66	26.04 -2.17 -0.73	25.79 -1.47 -1.06	26.28 -1.66 -0.76	22.49 -1.68 -0.50	23.83 -1.78 -0.15	22.88 -2.12 -0.11	19.98 -1.76 -0.28	20.33 -1.69 -0.31	20.49 -1.83 -0.30	22.63 -2.15 -0.34	26.04 -2.65 -0.52	15.88 -3.24 12.92	10.45 -2.87 14.78	8.52 -2.63 14.14	7.88 -2.65 15.23	6.14 -2.57 15.12	4.63 -2.07 11.01	4.55 -2.05 10.92
PINELAWN_CC_1 323563	42.04 1.93 -14.97	41.33 1.81 -15.68	40.19 1.71 -16.04	38.99 1.26 -21.22	38.98 1.29 -20.74	41.72 1.42 -21.17	47.43 2.25 -17.69	49.73 2.17 -21.36	44.09 2.36 -14.55	40.88 2.06 -15.14	35.74 2.24 -8.04	34.87 2.16 -7.82	33.53 1.87 -10.21	33.96 1.93 -10.32	36.52 1.98 -12.53	38.72 2.22 -12.06	50.97 2.31 -20.49	77.40 2.43 -42.93	60.63 2.11 -30.43	45.56 2.07 -18.20	44.67 2.06 -16.84	40.92 1.76 -15.32	38.49 1.31 -19.46	36.95 1.45 -17.98
PJM_GEN_HTP_PROXY 323702	30.11 1.48 -3.50	28.95 1.36 -3.75	28.42 1.30 -4.68	28.01 0.94 -10.55	28.85 0.97 -10.93	32.92 1.01 -12.77	43.28 1.70 -14.09	49.34 1.65 -21.49	42.56 1.90 -13.48	34.91 1.68 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.47 1.57 -5.44	29.36 1.61 -6.04	29.40 1.61 -5.78	32.69 1.78 -6.46	40.14 2.03 -9.95	51.08 2.34 -16.70	43.99 1.91 -13.99	39.39 1.80 -12.30	34.96 1.80 -7.39	31.38 1.55 -6.00	29.40 1.17 -10.52	28.18 1.16 -9.51
PJM_GEN_KEystone 24065	27.71 0.28 -2.31	26.60 0.29 -2.47	25.89 0.36 -3.09	23.80 0.31 -6.96	24.50 0.34 -7.21	27.87 0.31 -8.43	37.22 0.44 -9.30	41.08 0.32 -14.56	36.00 0.27 -8.55	30.30 0.31 -6.31	27.76 0.36 -1.95	26.67 0.42 -1.36	25.40 0.34 -3.60	26.05 0.35 -3.99	26.28 0.44 -3.82	29.23 0.51 -4.27	35.36 0.62 -6.57	43.72 0.64 -11.04	37.93 0.59 -9.25	34.00 0.58 -8.13	31.22 0.57 -4.89	28.23 0.43 -3.97	25.04 0.37 -6.95	24.27 0.47 -6.27
PJM_GEN_NEPTUNE_PROXY 323594	41.86 1.76 -14.97	41.17 1.64 -15.68	40.06 1.57 -16.04	38.90 1.16 -21.22	38.88 1.19 -20.74	41.59 1.28 -21.17	47.18 2.01 -17.69	50.59 1.97 -22.43	42.81 2.15 -13.48	40.74 1.92 -15.14	35.61 2.11 -8.04	34.77 2.06 -7.82	33.45 1.78 -10.21	33.86 1.82 -10.32	36.39 1.85 -12.53	38.53 2.03 -12.06	51.00 2.34 -20.49	77.65 2.69 -42.93	60.79 2.27 -30.43	45.58 2.10 -18.20	44.72 2.11 -16.84	40.99 1.84 -15.32	38.52 1.35 -19.46	36.83 1.33 -17.98
PJM_GEN_VFT_PROXY 323633	29.96 1.33 -3.50	28.83 1.24 -3.75	28.31 1.19 -4.68	27.93 0.86 -10.55	28.76 0.88 -10.93	32.83 0.92 -12.77	43.12 1.54 -14.10	49.18 1.49 -21.49	42.43 1.77 -13.48	34.84 1.61 -9.55	30.16 1.76 -2.95	28.66 1.72 -2.05	28.41 1.50 -5.45	29.29 1.54 -6.04	29.34 1.54 -5.78	32.62 1.71 -6.46	40.06 1.94 -9.95	50.92 2.18 -16.70	43.83 1.74 -13.99	39.28 1.69 -12.30	34.89 1.73 -7.39	31.29 1.45 -6.00	29.33 1.10 -10.52	28.11 1.09 -9.51

PLATSBRG_115KV_PMLD1 355749	24.01 -1.26 -0.14	22.58 -1.41 -0.15	20.99 -1.64 -0.18	15.61 -1.32 -0.41	15.80 -1.58 -0.43	17.91 -1.72 -0.50	25.51 -2.53 -0.55	25.11 -1.89 -0.80	25.74 -2.01 -0.57	22.06 -1.99 -0.37	23.54 -2.04 -0.12	22.58 -2.39 -0.08	19.65 -2.02 -0.21	19.97 -1.98 -0.24	20.06 -2.18 -0.23	22.03 -2.66 -0.25	25.01 -3.55 -0.39	11.06 -4.55 16.43	0.72 -4.05 23.32	0.89 -3.74 20.66	3.21 -3.50 19.06	1.59 -3.36 18.88	1.09 -2.71 13.91	1.15 -2.61 13.76
PLEASANTVLY___LBMP 24000	29.86 1.08 -3.66	28.78 1.03 -3.92	28.32 0.99 -4.89	28.27 0.73 -11.02	29.10 0.73 -11.42	33.27 0.78 -13.35	43.45 1.24 -14.73	48.74 1.21 -21.33	43.74 1.36 -15.20	34.86 1.21 -9.98	29.84 1.30 -3.08	28.31 1.27 -2.15	28.24 1.09 -5.69	29.15 1.13 -6.31	29.22 1.17 -6.04	32.49 1.30 -6.75	40.05 1.49 -10.39	51.19 1.70 -17.45	44.14 1.43 -14.62	39.48 1.34 -12.85	34.83 1.34 -7.72	31.27 1.17 -6.27	29.54 0.83 -10.99	28.22 0.77 -9.93
PLSNTVLE_13_KV_13.8KVDIST 80602	29.96 1.28 -3.55	28.83 1.19 -3.80	28.33 1.14 -4.74	28.05 0.83 -10.70	28.89 0.85 -11.09	33.02 0.92 -12.96	43.27 1.48 -14.30	48.38 1.47 -20.72	43.57 1.63 -14.76	34.81 1.44 -9.69	30.03 1.58 -2.99	28.52 1.54 -2.08	28.31 1.33 -5.52	29.19 1.35 -6.13	29.27 1.39 -5.87	32.54 1.54 -6.56	40.04 1.77 -10.09	51.03 2.05 -16.95	44.00 1.71 -14.20	39.36 1.59 -12.48	34.87 1.60 -7.50	31.28 1.36 -6.09	29.36 0.97 -10.67	28.07 0.91 -9.65
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.96 1.28 -3.55	28.83 1.19 -3.80	28.33 1.14 -4.74	28.05 0.83 -10.70	28.89 0.85 -11.09	33.02 0.92 -12.96	43.27 1.48 -14.30	48.38 1.47 -20.72	43.57 1.63 -14.76	34.81 1.44 -9.69	30.03 1.58 -2.99	28.52 1.54 -2.08	28.31 1.33 -5.52	29.19 1.35 -6.13	29.27 1.39 -5.87	32.54 1.54 -6.56	40.04 1.77 -10.09	51.03 2.05 -16.95	44.00 1.71 -14.20	39.36 1.59 -12.48	34.87 1.60 -7.50	31.28 1.36 -6.09	29.36 0.97 -10.67	28.07 0.91 -9.65
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.14 1.43 -3.58	29.00 1.33 -3.83	28.50 1.28 -4.78	28.24 0.94 -10.78	29.08 0.97 -11.17	33.18 1.00 -13.05	43.50 1.62 -14.40	48.55 1.49 -20.86	43.68 1.63 -14.86	34.86 1.42 -9.76	29.95 1.48 -3.01	28.41 1.42 -2.10	28.22 1.20 -5.56	29.12 1.24 -6.17	29.22 1.30 -5.91	32.51 1.47 -6.60	40.10 1.77 -10.16	51.28 2.18 -17.06	44.24 1.85 -14.29	39.52 1.67 -12.57	34.97 1.65 -7.55	31.40 1.43 -6.13	29.46 0.99 -10.75	28.16 0.93 -9.71
POLETTI____ 23519	30.03 1.41 -3.50	28.90 1.31 -3.75	28.36 1.23 -4.68	27.96 0.89 -10.55	28.80 0.92 -10.93	32.87 0.96 -12.77	38.86 1.62 -9.75	42.91 1.57 -15.14	40.11 1.85 -11.08	34.85 1.63 -9.53	30.20 1.81 -2.93	28.71 1.77 -2.05	28.43 1.52 -5.45	29.30 1.56 -6.03	29.34 1.56 -5.77	32.63 1.74 -6.45	40.10 2.00 -9.93	49.53 2.24 -15.25	43.92 1.85 -13.98	39.34 1.77 -12.29	34.90 1.75 -7.38	31.34 1.50 -6.00	29.37 1.13 -10.52	28.15 1.12 -9.51
POMONA____ESR 323819	29.85 1.33 -3.39	28.71 1.24 -3.63	28.19 1.21 -4.53	27.64 0.89 -10.22	28.46 0.91 -10.59	32.47 0.96 -12.38	42.71 1.57 -13.66	47.50 1.52 -19.79	42.94 1.66 -14.10	34.40 1.47 -9.25	29.92 1.60 -2.86	28.42 1.54 -1.99	28.07 1.33 -5.28	28.93 1.37 -5.85	29.03 1.41 -5.60	32.29 1.59 -6.26	39.67 1.86 -9.64	50.40 2.18 -16.19	43.45 1.80 -13.56	38.88 1.67 -11.92	34.61 1.67 -7.16	31.08 1.43 -5.82	28.94 1.03 -10.20	27.73 1.00 -9.21
PORT_JEFF_3 23555	42.01 1.91 -14.97	41.29 1.76 -15.68	40.17 1.68 -16.04	38.99 1.26 -21.22	38.98 1.29 -20.74	41.70 1.40 -21.17	47.37 2.20 -17.69	49.60 2.04 -21.36	43.85 2.12 -14.55	40.62 1.80 -15.14	35.49 1.99 -8.04	34.62 1.92 -7.82	33.30 1.63 -10.21	33.73 1.69 -10.32	36.30 1.76 -12.53	38.70 2.20 -12.06	51.11 2.45 -20.49	77.83 2.82 -42.97	61.09 2.44 -30.55	45.93 2.32 -18.32	44.92 2.27 -16.89	41.25 2.05 -15.36	38.64 1.47 -19.46	36.92 1.42 -17.98
PORT_JEFF_4 23616	42.01 1.91 -14.97	41.29 1.76 -15.68	40.17 1.68 -16.04	38.99 1.26 -21.22	38.98 1.29 -20.74	41.70 1.40 -21.17	47.37 2.20 -17.69	49.60 2.04 -21.36	43.85 2.12 -14.55	40.62 1.80 -15.14	35.49 1.99 -8.04	34.62 1.92 -7.82	33.30 1.63 -10.21	33.73 1.69 -10.32	36.30 1.76 -12.53	38.70 2.20 -12.06	51.11 2.45 -20.49	77.83 2.82 -42.97	61.09 2.44 -30.55	45.93 2.32 -18.32	44.92 2.27 -16.89	41.25 2.05 -15.36	38.64 1.47 -19.46	36.92 1.42 -17.98
PORT_JEFF_IC 23713	42.04 1.93 -14.97	41.33 1.81 -15.68	40.21 1.73 -16.04	39.01 1.27 -21.22	39.00 1.31 -20.74	41.74 1.44 -21.17	47.45 2.28 -17.69	49.68 2.12 -21.36	43.93 2.20 -14.55	40.69 1.87 -15.14	35.56 2.06 -8.04	34.70 1.99 -7.82	33.38 1.72 -10.21	33.81 1.78 -10.32	36.37 1.83 -12.53	38.74 2.25 -12.06	51.23 2.56 -20.49	77.95 2.95 -42.97	61.26 2.61 -30.56	46.07 2.45 -18.33	45.03 2.37 -16.89	41.30 2.10 -15.37	38.68 1.50 -19.46	36.95 1.45 -17.98
PPL PILGRIM_ST_GT1 24216	42.18 2.08 -14.97	41.48 1.96 -15.68	40.33 1.84 -16.04	39.09 1.36 -21.22	39.08 1.39 -20.74	41.86 1.55 -21.17	47.65 2.47 -17.69	49.96 2.41 -21.36	44.31 2.58 -14.55	41.03 2.20 -15.14	35.92 2.42 -8.04	35.02 2.32 -7.82	33.66 2.00 -10.21	34.10 2.06 -10.32	36.68 2.13 -12.53	38.89 2.40 -12.06	51.34 2.68 -20.49	77.85 2.88 -42.93	60.69 2.16 -30.44	45.57 2.07 -18.21	45.01 2.40 -16.85	41.04 1.88 -15.33	38.75 1.58 -19.46	37.06 1.56 -17.98
PPL PILGRIM_ST_GT2 24217	42.18 2.08 -14.97	41.48 1.96 -15.68	40.33 1.84 -16.04	39.09 1.36 -21.22	39.08 1.39 -20.74	41.86 1.55 -21.17	47.65 2.47 -17.69	49.96 2.41 -21.36	44.31 2.58 -14.55	41.03 2.20 -15.14	35.92 2.42 -8.04	35.02 2.32 -7.82	33.66 2.00 -10.21	34.10 2.06 -10.32	36.68 2.13 -12.53	38.89 2.40 -12.06	51.34 2.68 -20.49	77.85 2.88 -42.93	60.69 2.16 -30.44	45.57 2.07 -18.21	45.01 2.40 -16.85	41.04 1.88 -15.33	38.75 1.58 -19.46	37.06 1.56 -17.98
PPL_SHRM_GT3 24213	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.91 2.36 -21.36	44.15 2.42 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.52 1.98 -12.53	38.89 2.40 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.89	41.51 2.31 -15.36	38.79 1.61 -19.46	37.02 1.52 -17.98
PPL_SHRM_GT4 24214	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.91 2.36 -21.36	44.15 2.42 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.52 1.98 -12.53	38.89 2.40 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.89	41.51 2.31 -15.36	38.79 1.61 -19.46	37.02 1.52 -17.98
PROJECT___ORANGE I 24174	25.70 -0.10 -0.67	24.51 -0.05 -0.72	23.30 -0.04 -0.90	18.54 -0.02 -2.03	19.05 0.00 -2.10	21.61 0.02 -2.46	30.20 0.00 -2.71	30.13 0.00 -3.93	29.95 -0.03 -2.80	25.49 -0.02 -1.84	25.97 -0.05 -0.57	25.26 -0.02 -0.40	22.48 -0.02 -1.05	22.85 -0.02 -1.16	23.08 -0.04 -1.11	25.66 -0.02 -1.24	30.08 0.00 -1.91	34.97 0.06 -2.87	30.36 0.03 -2.24	27.27 0.03 -1.96	26.83 0.03 -1.03	24.65 0.05 -0.77	19.52 0.07 -1.74	19.15 0.09 -1.54

PROJECT___ORANGE 2 24166	25.70 -0.10 -0.67	24.51 -0.05 -0.72	23.30 -0.04 -0.90	18.54 -0.02 -2.03	19.05 0.00 -2.10	21.61 0.02 -2.46	30.20 0.00 -2.71	30.13 0.00 -3.93	29.95 -0.03 -2.80	25.49 -0.02 -1.84	25.97 -0.05 -0.57	25.26 -0.02 -0.40	22.48 -0.02 -1.05	22.85 -0.02 -1.16	23.08 -0.04 -1.11	25.66 -0.02 -1.24	30.08 0.00 -1.91	34.97 0.06 -2.87	30.36 0.03 -2.24	27.27 0.03 -1.96	26.83 0.03 -1.03	24.65 0.05 -0.77	19.52 0.07 -1.74	19.15 0.09 -1.54
PUCKETT___SOLAR 323809	27.43 0.75 -1.55	26.26 0.76 -1.66	25.25 0.74 -2.07	21.76 0.58 -4.66	22.39 0.61 -4.83	25.51 0.73 -5.64	34.84 1.13 -6.23	36.30 1.07 -9.03	34.51 0.90 -6.43	28.54 0.64 -4.22	27.35 0.59 -1.30	26.37 0.57 -0.91	24.34 0.47 -2.41	24.86 0.48 -2.67	25.12 0.55 -2.56	28.06 0.76 -2.86	33.64 1.07 -4.40	40.73 1.31 -7.38	35.43 1.15 -6.18	31.74 1.01 -5.44	30.07 1.03 -3.27	27.37 0.88 -2.65	23.00 0.64 -4.65	22.38 0.67 -4.20
PYRITES___HYD 24023	24.32 -0.98 -0.18	22.91 -1.12 -0.19	21.40 -1.28 -0.23	16.04 -1.01 -0.53	16.28 -1.22 -0.55	18.51 -1.26 -0.64	26.43 -1.76 -0.71	26.24 -1.00 -1.03	26.70 -1.22 -0.74	22.79 -1.37 -0.48	24.13 -1.48 -0.15	23.15 -1.84 -0.10	20.23 -1.50 -0.28	20.56 -1.45 -0.31	20.77 -1.54 -0.29	22.91 -1.86 -0.33	26.42 -2.25 -0.50	15.95 -2.79 13.30	10.33 -2.50 15.27	8.38 -2.33 14.58	7.86 -2.27 15.65	6.05 -2.26 15.52	4.51 -1.88 11.32	4.44 -1.86 11.22
QUAKERRD_115KV_BK1 80622	25.20 -0.73 -0.80	24.03 -0.67 -0.85	22.93 -0.58 -1.07	18.53 -0.40 -2.41	19.09 -0.36 -2.49	21.63 -0.42 -2.91	29.98 -0.71 -3.21	30.03 -0.81 -4.65	29.62 -0.87 -3.31	25.17 -0.69 -2.17	25.39 -0.74 -0.67	24.68 -0.67 -0.47	22.12 -0.58 -1.24	22.46 -0.63 -1.37	22.76 -0.57 -1.32	25.28 -0.64 -1.47	29.76 -0.68 -2.26	35.07 -0.77 -3.80	30.66 -0.62 -3.18	27.53 -0.56 -2.80	26.83 -0.62 -1.68	24.63 -0.57 -1.37	19.75 -0.35 -2.39	19.48 -0.21 -2.17
QUENSBRY_115KV_TB8 356137	30.56 1.08 -4.36	29.46 0.95 -4.66	29.12 0.85 -5.82	30.29 0.64 -13.12	31.38 0.83 -13.60	36.00 0.98 -15.89	46.64 1.62 -17.54	53.15 1.55 -25.40	46.83 1.55 -18.10	36.72 1.16 -11.88	30.35 1.22 -3.67	28.44 1.00 -2.56	29.13 0.90 -6.77	30.16 0.93 -7.52	30.20 0.99 -7.19	33.46 0.98 -8.04	41.75 1.21 -12.38	54.42 1.60 -20.78	46.99 1.49 -17.41	41.76 1.16 -15.31	36.05 1.08 -9.20	32.16 0.86 -7.47	31.57 0.76 -13.09	30.54 1.19 -11.83
RAMAPO___LBMP 323565	29.72 1.21 -3.39	28.61 1.14 -3.63	28.07 1.10 -4.52	27.54 0.81 -10.20	28.36 0.83 -10.57	32.37 0.88 -12.36	42.55 1.43 -13.63	47.36 1.41 -19.75	42.78 1.52 -14.07	34.27 1.35 -9.24	29.79 1.48 -2.85	28.32 1.44 -1.99	27.97 1.24 -5.27	28.84 1.28 -5.84	28.91 1.30 -5.59	32.16 1.47 -6.25	39.51 1.72 -9.62	50.18 1.99 -16.16	43.28 1.66 -13.53	38.73 1.54 -11.90	34.47 1.55 -7.15	30.95 1.31 -5.81	28.83 0.94 -10.18	27.59 0.88 -9.20
RANKINE____ 23646	25.47 -0.60 -0.95	24.35 -0.50 -1.01	23.33 -0.38 -1.26	19.19 -0.18 -2.85	19.80 -0.10 -2.95	22.34 -0.25 -3.45	30.71 -0.58 -3.81	30.91 -0.86 -5.57	30.09 -1.06 -3.97	25.50 -0.78 -2.61	25.47 -0.79 -0.81	24.90 -0.55 -0.56	22.41 -0.54 -1.49	22.80 -0.56 -1.65	23.17 -0.42 -1.58	25.74 -0.46 -1.76	30.35 -0.54 -2.71	35.76 -0.83 -4.56	31.38 -0.53 -3.82	28.16 -0.48 -3.36	27.27 -0.52 -2.02	24.99 -0.48 -1.64	20.41 -0.18 -2.87	20.22 0.14 -2.57
RAVENSWOOD_GT2_1 24244	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.36 1.61 -6.04	29.43 1.63 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
RAVENSWOOD_GT2_2 24245	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.36 1.61 -6.04	29.43 1.63 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
RAVENSWOOD_GT2_3 24246	30.14 1.51 -3.50	28.99 1.41 -3.75	28.47 1.35 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.29 1.88 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.11 2.37 -16.70	44.02 1.94 -13.99	39.46 1.87 -12.30	34.99 1.83 -7.39	31.43 1.60 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51
RAVENSWOOD_GT2_4 24247	30.14 1.51 -3.50	28.99 1.41 -3.75	28.47 1.35 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.29 1.88 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.20 2.08 -9.95	51.11 2.37 -16.70	44.02 1.94 -13.99	39.46 1.87 -12.30	34.99 1.83 -7.39	31.43 1.60 -6.00	29.44 1.20 -10.52	28.16 1.14 -9.51
RAVENSWOOD_GT3_1 24248	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.16 1.14 -9.51
RAVENSWOOD_GT3_2 24249	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.16 1.14 -9.51
RAVENSWOOD_GT3_3 24250	30.16 1.53 -3.50	29.02 1.43 -3.75	28.47 1.35 -4.68	28.06 0.99 -10.55	28.90 1.02 -10.93	32.96 1.05 -12.77	43.31 1.73 -14.10	48.29 1.68 -20.42	43.66 1.93 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.51 1.61 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.02 1.86 -7.39	31.46 1.62 -6.00	29.46 1.22 -10.52	28.18 1.16 -9.51
RAVENSWOOD_GT3_4 24251	30.16 1.53 -3.50	29.02 1.43 -3.75	28.47 1.35 -4.68	28.06 0.99 -10.55	28.90 1.02 -10.93	32.96 1.05 -12.77	43.31 1.73 -14.10	48.29 1.68 -20.42	43.66 1.93 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.51 1.61 -5.45	29.40 1.65 -6.04	29.45 1.65 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.49 1.90 -12.30	35.02 1.86 -7.39	31.46 1.62 -6.00	29.46 1.22 -10.52	28.18 1.16 -9.51

RAVENSWOOD_GT_1 23729	30.30 1.66 -3.51	29.15 1.55 -3.76	28.59 1.46 -4.68	28.15 1.07 -10.56	28.99 1.10 -10.94	33.00 1.09 -12.77	43.23 1.65 -14.10	48.24 1.62 -20.42	43.66 1.93 -14.55	35.00 1.78 -9.55	30.34 1.93 -2.95	28.86 1.92 -2.05	28.58 1.67 -5.45	29.45 1.69 -6.04	29.49 1.70 -5.78	32.76 1.86 -6.47	40.26 2.14 -9.95	51.11 2.37 -16.70	44.08 1.99 -13.99	39.49 1.90 -12.30	35.02 1.86 -7.39	31.48 1.64 -6.00	29.54 1.29 -10.53	28.28 1.24 -9.52
RAVENSWOOD_GT_10 24258	30.13 1.51 -3.50	28.97 1.38 -3.75	28.45 1.32 -4.67	28.03 0.96 -10.55	28.87 0.98 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
RAVENSWOOD_GT_11 24259	30.13 1.51 -3.50	28.97 1.38 -3.75	28.45 1.32 -4.67	28.03 0.96 -10.55	28.87 0.98 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
RAVENSWOOD_GT_4 24252	30.10 1.48 -3.50	28.97 1.38 -3.74	28.42 1.30 -4.67	28.01 0.94 -10.54	28.86 0.98 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.47 1.57 -5.45	29.36 1.61 -6.04	29.43 1.63 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.12 1.10 -9.50
RAVENSWOOD_GT_5 24254	30.10 1.48 -3.50	28.97 1.38 -3.74	28.42 1.30 -4.67	28.01 0.94 -10.54	28.86 0.98 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.47 1.57 -5.45	29.36 1.61 -6.04	29.43 1.63 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.12 1.10 -9.50
RAVENSWOOD_GT_6 24253	30.10 1.48 -3.50	28.97 1.38 -3.74	28.42 1.30 -4.67	28.01 0.94 -10.54	28.86 0.98 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.47 1.57 -5.45	29.36 1.61 -6.04	29.43 1.63 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.12 1.10 -9.50
RAVENSWOOD_GT_7 24255	30.10 1.48 -3.50	28.97 1.38 -3.74	28.42 1.30 -4.67	28.01 0.94 -10.54	28.86 0.98 -10.93	32.94 1.03 -12.77	43.28 1.70 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.47 1.57 -5.45	29.36 1.61 -6.04	29.43 1.63 -5.78	32.69 1.78 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.40 1.17 -10.52	28.12 1.10 -9.50
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.13 1.51 -3.50	28.97 1.38 -3.75	28.45 1.32 -4.67	28.03 0.96 -10.55	28.87 0.98 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
RAVENSWOOD_GT_9 24257	30.13 1.51 -3.50	28.97 1.38 -3.75	28.45 1.32 -4.67	28.03 0.96 -10.55	28.87 0.98 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.70 -9.55	30.27 1.86 -2.95	28.76 1.82 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.44 1.85 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.15 1.12 -9.51
RAVENSWOOD___1 23533	30.29 1.66 -3.51	29.12 1.53 -3.76	28.59 1.46 -4.68	28.14 1.06 -10.56	28.98 1.09 -10.94	32.98 1.07 -12.77	43.23 1.65 -14.10	48.24 1.62 -20.42	43.63 1.90 -14.55	34.98 1.75 -9.55	30.34 1.93 -2.95	28.83 1.89 -2.05	28.56 1.65 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.08 2.34 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.46 1.62 -6.00	29.54 1.29 -10.53	28.31 1.28 -9.51
RAVENSWOOD___2 23534	30.27 1.63 -3.51	29.12 1.53 -3.76	28.57 1.44 -4.68	28.14 1.06 -10.56	28.98 1.09 -10.94	32.98 1.07 -12.77	43.23 1.65 -14.10	48.22 1.60 -20.42	43.63 1.90 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.83 1.89 -2.05	28.56 1.65 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.08 2.34 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.46 1.62 -6.00	29.54 1.29 -10.53	28.31 1.28 -9.51
RAVENSWOOD___3 23535	30.14 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.94 1.03 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.63 1.90 -14.55	34.93 1.71 -9.55	30.27 1.86 -2.95	28.79 1.84 -2.05	28.49 1.59 -5.45	29.38 1.63 -6.04	29.43 1.63 -5.78	32.72 1.81 -6.47	40.17 2.06 -9.95	51.08 2.34 -16.70	44.02 1.94 -13.99	39.41 1.82 -12.30	34.99 1.83 -7.39	31.41 1.57 -6.00	29.42 1.19 -10.52	28.22 1.19 -9.51
RAVENSWOOD___4 23820	30.27 1.63 -3.51	29.12 1.53 -3.76	28.57 1.44 -4.68	28.12 1.04 -10.56	28.98 1.09 -10.94	32.98 1.07 -12.77	43.23 1.65 -14.10	48.22 1.60 -20.42	43.63 1.90 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.08 2.34 -16.70	44.05 1.97 -13.99	39.44 1.84 -12.30	34.99 1.83 -7.39	31.46 1.62 -6.00	29.52 1.28 -10.53	28.31 1.28 -9.51
RCPI_TRUST___DRP 24196	30.13 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.68	28.05 0.97 -10.55	28.88 1.00 -10.93	32.96 1.05 -12.77	43.31 1.73 -14.09	48.32 1.70 -20.42	43.69 1.96 -14.55	34.96 1.73 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.51 1.61 -5.44	29.40 1.65 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.46	40.23 2.11 -9.95	51.14 2.40 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	35.02 1.86 -7.39	31.43 1.60 -6.00	29.42 1.19 -10.52	28.16 1.14 -9.51
RED___ROCHESTER 323720	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.13 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.25 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.89 -0.05 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.95 0.23 -2.21

REGAN___SOLAR 323812	31.69 1.51 -5.05	30.58 1.33 -5.41	30.43 1.23 -6.75	32.71 0.96 -15.22	33.95 1.22 -15.78	39.07 1.49 -18.44	50.35 2.53 -20.34	58.16 2.49 -29.47	50.52 2.34 -21.00	39.07 1.61 -13.78	31.27 1.55 -4.26	29.25 1.39 -2.97	30.50 1.18 -7.86	31.71 1.28 -8.72	31.84 1.48 -8.35	35.65 1.88 -9.33	44.97 2.45 -14.36	59.19 3.05 -24.11	50.48 2.19 -20.19	44.81 1.77 -17.76	38.55 2.11 -10.67	34.28 1.79 -8.66	34.07 1.17 -15.18	32.25 1.02 -13.72
RENSSELAER___COGEN 23796	29.56 0.20 -4.23	28.56 0.19 -4.53	28.25 0.16 -5.65	29.39 0.12 -12.75	30.30 0.13 -13.21	34.73 0.15 -15.44	44.76 0.25 -17.03	51.11 0.24 -24.67	45.06 0.30 -17.58	35.48 0.26 -11.54	29.33 0.31 -3.57	27.72 0.35 -2.48	28.36 0.32 -6.58	29.27 0.26 -7.30	29.31 0.31 -6.99	32.60 0.34 -7.81	40.58 0.39 -12.02	52.67 0.45 -20.18	45.42 0.42 -16.91	40.51 0.35 -14.87	35.11 0.41 -8.93	31.44 0.36 -7.25	30.64 0.21 -12.71	29.16 0.16 -11.49
REPUBLIC_115KV_BARTNBRK 55605	31.72 2.24 -4.35	30.48 1.98 -4.66	30.08 1.82 -5.81	31.01 1.37 -13.12	32.22 1.68 -13.59	37.01 1.99 -15.88	48.23 3.22 -17.53	54.73 3.14 -25.39	48.37 3.10 -18.09	37.92 2.37 -11.87	31.60 2.47 -3.67	29.58 2.14 -2.56	30.14 1.91 -6.77	31.18 1.95 -7.51	31.25 2.05 -7.19	34.73 2.25 -8.04	43.35 2.82 -12.37	56.39 3.59 -20.77	48.58 3.09 -17.40	43.06 2.48 -15.30	37.46 2.50 -9.19	33.35 2.05 -7.46	32.36 1.56 -13.08	31.25 1.91 -11.82
REVERE_CPPR_DRP 24186	26.37 0.88 -0.37	25.04 0.81 -0.39	23.70 0.76 -0.49	18.19 0.56 -1.10	18.69 0.59 -1.14	21.22 0.75 -1.33	30.16 1.21 -1.47	29.62 1.28 -2.13	29.84 1.14 -1.52	25.48 0.81 -1.00	26.58 0.81 -0.31	25.83 0.72 -0.21	22.63 0.60 -0.57	22.93 0.59 -0.63	23.28 0.66 -0.60	25.90 0.78 -0.68	30.31 1.10 -1.04	34.01 1.31 -0.65	29.40 1.07 -0.24	26.29 0.89 -0.12	26.29 0.98 0.46	24.07 0.83 0.59	18.43 0.53 -0.18	18.15 0.54 -0.09
REYNOLDS_115KV_TB3 80639	29.76 0.40 -4.24	28.76 0.38 -4.54	28.46 0.36 -5.66	29.55 0.26 -12.76	30.45 0.27 -13.22	34.90 0.31 -15.45	44.98 0.44 -17.05	51.32 0.42 -24.70	45.27 0.49 -17.60	35.68 0.45 -11.55	29.54 0.51 -3.57	27.92 0.55 -2.49	28.52 0.47 -6.59	29.48 0.46 -7.31	29.52 0.51 -7.00	32.80 0.54 -7.82	40.79 0.59 -12.03	52.92 0.67 -20.21	45.64 0.62 -16.93	40.70 0.53 -14.88	35.28 0.57 -8.94	31.60 0.50 -7.26	30.78 0.34 -12.73	29.28 0.26 -11.50
RIVERBAY____ 323610	30.57 1.93 -3.51	29.41 1.81 -3.76	28.88 1.75 -4.68	28.37 1.29 -10.56	29.20 1.31 -10.94	33.10 1.19 -12.77	43.34 1.76 -14.10	48.32 1.70 -20.42	43.72 1.98 -14.55	35.05 1.82 -9.55	30.42 2.01 -2.95	28.91 1.97 -2.05	28.66 1.76 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.79 1.88 -6.47	40.28 2.17 -9.95	51.14 2.40 -16.70	43.99 1.91 -13.99	39.44 1.85 -12.30	35.07 1.91 -7.39	31.55 1.72 -6.00	29.77 1.52 -10.53	28.50 1.47 -9.51
RIVERSIDE_115KV_TB3 55908	29.70 0.33 -4.24	28.67 0.29 -4.55	28.38 0.27 -5.67	29.51 0.20 -12.79	30.43 0.22 -13.25	34.87 0.25 -15.49	44.96 0.38 -17.09	51.32 0.37 -24.76	45.26 0.43 -17.64	35.64 0.38 -11.58	29.49 0.46 -3.58	27.85 0.47 -2.49	28.49 0.43 -6.60	29.45 0.41 -7.33	29.47 0.44 -7.01	32.75 0.46 -7.84	40.76 0.54 -12.06	52.90 0.61 -20.25	45.62 0.56 -16.97	40.69 0.48 -14.92	35.25 0.52 -8.96	31.56 0.45 -7.28	30.76 0.28 -12.76	29.26 0.21 -11.53
ROARING___BROOK_WT_PWR 323790	24.41 -0.81 -0.09	23.03 -0.91 -0.09	21.57 -0.99 -0.11	15.97 -0.81 -0.26	16.27 -0.95 -0.27	18.34 -1.11 -0.31	26.15 -1.68 -0.35	25.23 -1.47 -0.50	26.02 -1.52 -0.36	22.54 -1.37 -0.23	24.13 -1.40 -0.07	23.47 -1.47 -0.05	20.37 -1.22 -0.13	20.64 -1.22 -0.15	20.88 -1.28 -0.14	23.06 -1.54 -0.16	26.47 -1.94 -0.24	10.23 -2.40 19.40	0.00 -2.11 25.98	0.00 -1.90 23.39	1.55 -1.96 22.26	0.00 -1.81 22.02	0.00 -1.36 16.35	0.00 -1.37 16.15
ROCHESRG_115KV_T4 355643	25.66 -0.28 -0.81	24.47 -0.24 -0.87	23.37 -0.16 -1.08	18.89 -0.07 -2.44	19.46 -0.02 -2.52	22.03 -0.06 -2.95	30.35 -0.38 -3.26	30.35 -0.55 -4.70	29.93 -0.60 -3.35	25.45 -0.43 -2.20	25.68 -0.46 -0.68	25.01 -0.35 -0.47	22.41 -0.30 -1.25	22.75 -0.35 -1.39	23.08 -0.26 -1.33	25.64 -0.29 -1.49	30.15 -0.31 -2.29	35.46 -0.42 -3.84	31.06 -0.25 -3.22	27.89 -0.23 -2.83	27.19 -0.28 -1.70	24.98 -0.24 -1.38	20.05 -0.09 -2.42	19.82 0.11 -2.20
ROCHESTER_9_IC 23652	25.81 -0.13 -0.81	24.64 -0.07 -0.87	23.53 0.00 -1.09	19.00 0.03 -2.45	19.57 0.08 -2.54	22.18 0.08 -2.97	30.56 -0.19 -3.27	30.55 -0.37 -4.72	30.14 -0.41 -3.36	25.62 -0.26 -2.21	25.89 -0.25 -0.68	25.19 -0.17 -0.47	22.57 -0.15 -1.26	22.91 -0.20 -1.40	23.24 -0.11 -1.34	25.79 -0.15 -1.49	30.35 -0.11 -2.30	35.74 -0.16 -3.86	31.30 -0.03 -3.23	28.08 -0.05 -2.84	27.35 -0.13 -1.71	25.12 -0.10 -1.39	20.16 0.02 -2.43	19.94 0.21 -2.21
ROCKVIEW_13_KV_LD 356306	30.13 1.51 -3.50	28.99 1.41 -3.75	28.45 1.32 -4.67	28.05 0.97 -10.55	28.88 1.00 -10.93	33.00 1.09 -12.77	43.36 1.79 -14.09	48.40 1.78 -20.42	43.69 1.96 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.84 1.89 -2.05	28.53 1.63 -5.44	29.40 1.65 -6.04	29.47 1.67 -5.78	32.76 1.86 -6.46	40.23 2.11 -9.95	51.21 2.47 -16.70	44.13 2.05 -13.99	39.51 1.92 -12.30	35.09 1.93 -7.39	31.48 1.64 -6.00	29.42 1.19 -10.52	28.14 1.12 -9.51
ROME____115KV_TB2 80656	26.37 0.88 -0.37	25.04 0.81 -0.39	23.70 0.76 -0.49	18.19 0.56 -1.10	18.69 0.59 -1.14	21.22 0.75 -1.33	30.16 1.21 -1.47	29.62 1.28 -2.13	29.84 1.14 -1.52	25.48 0.81 -1.00	26.58 0.81 -0.31	25.83 0.72 -0.21	22.63 0.60 -0.57	22.93 0.59 -0.63	23.28 0.66 -0.60	25.90 0.78 -0.68	30.31 1.10 -1.04	34.01 1.31 -0.65	29.40 1.07 -0.24	26.29 0.89 -0.12	26.29 0.98 0.46	24.07 0.83 0.59	18.43 0.53 -0.18	18.15 0.54 -0.09
ROSETON___1 23587	29.69 1.08 -3.48	28.59 1.02 -3.73	28.09 0.99 -4.65	27.75 0.73 -10.50	28.56 0.73 -10.88	32.63 0.78 -12.71	42.77 1.26 -14.03	47.75 1.23 -20.32	43.02 1.36 -14.48	34.39 1.21 -9.50	29.72 1.32 -2.94	28.23 1.29 -2.04	27.99 1.12 -5.42	28.85 1.13 -6.01	28.93 1.17 -5.75	32.17 1.29 -6.43	39.56 1.49 -9.90	50.39 1.73 -16.62	43.47 1.46 -13.92	38.87 1.34 -12.24	34.49 1.36 -7.36	30.97 1.17 -5.97	29.02 0.83 -10.47	27.80 0.82 -9.46
ROSETON___2 23588	29.69 1.08 -3.48	28.59 1.02 -3.73	28.09 0.99 -4.65	27.75 0.73 -10.50	28.56 0.73 -10.88	32.63 0.78 -12.71	42.77 1.26 -14.03	47.75 1.23 -20.32	43.02 1.36 -14.48	34.39 1.21 -9.50	29.72 1.32 -2.94	28.23 1.29 -2.04	27.99 1.12 -5.42	28.85 1.13 -6.01	28.93 1.17 -5.75	32.17 1.29 -6.43	39.56 1.49 -9.90	50.39 1.73 -16.62	43.47 1.46 -13.92	38.87 1.34 -12.24	34.49 1.36 -7.36	30.97 1.17 -5.97	29.02 0.83 -10.47	27.80 0.82 -9.46
ROTTDRAM_115KV_TB3 80664	30.23 0.70 -4.40	29.22 0.67 -4.71	28.95 0.63 -5.88	30.24 0.46 -13.26	31.20 0.51 -13.74	35.79 0.59 -16.06	46.13 0.93 -17.72	52.75 0.89 -25.66	46.39 0.92 -18.29	36.44 0.76 -12.00	29.98 0.81 -3.71	28.24 0.77 -2.58	28.97 0.67 -6.84	29.98 0.67 -7.59	30.01 0.73 -7.27	33.37 0.81 -8.13	41.63 0.96 -12.50	54.18 1.15 -20.99	46.69 1.01 -17.59	41.61 0.86 -15.46	35.94 0.88 -9.29	32.14 0.76 -7.55	31.49 0.55 -13.22	30.03 0.56 -11.95

RUSSELL___1 23602	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.14 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.24 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.91 -0.02 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.99 0.26 -2.21
RUSSELL___2 23532	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.14 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.24 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.91 -0.02 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.99 0.26 -2.21
RUSSELL___3 23549	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.14 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.24 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.91 -0.02 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.99 0.26 -2.21
RUSSELL___4 23556	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.14 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.24 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.91 -0.02 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.99 0.26 -2.21
RUSSELL___STATION 23914	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.14 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.24 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.91 -0.02 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.99 0.26 -2.21
S SALMON___HYD 24043	25.54 -0.17 -0.59	24.32 -0.14 -0.63	23.07 -0.16 -0.78	18.19 -0.10 -1.76	18.69 -0.08 -1.83	21.23 -0.04 -2.14	29.84 0.00 -2.36	29.61 0.00 -3.41	29.45 -0.16 -2.43	25.04 -0.24 -1.60	25.70 -0.25 -0.49	24.96 -0.27 -0.34	22.13 -0.24 -0.91	22.48 -0.24 -1.01	22.74 -0.24 -0.97	25.30 -0.22 -1.08	29.69 -0.14 -1.66	33.53 -0.10 -1.59	29.05 -0.03 -0.98	26.00 -0.05 -0.76	25.59 -0.05 0.13	23.44 -0.05 0.35	18.41 -0.05 -0.75	18.06 -0.05 -0.59
S.PERRY___115KV_TB1 80734	26.72 0.60 -0.99	25.52 0.62 -1.06	24.39 0.63 -1.32	19.98 0.48 -2.98	20.59 0.56 -3.08	23.39 0.65 -3.60	32.31 0.85 -3.98	32.62 0.65 -5.76	31.78 0.49 -4.11	26.71 0.33 -2.69	26.55 0.25 -0.83	25.77 0.30 -0.58	23.19 0.19 -1.54	23.63 0.22 -1.70	24.00 0.35 -1.63	26.73 0.46 -1.82	31.68 0.70 -2.81	37.68 0.93 -4.71	32.97 0.93 -3.95	29.62 0.86 -3.47	28.65 0.80 -2.09	26.19 0.67 -1.69	21.25 0.57 -2.97	20.94 0.74 -2.68
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.32 -0.73 -0.92	24.19 -0.64 -0.99	23.19 -0.49 -1.24	19.05 -0.26 -2.79	19.64 -0.20 -2.89	22.15 -0.36 -3.37	30.41 -0.80 -3.72	30.52 -1.13 -5.45	29.79 -1.28 -3.88	25.30 -0.92 -2.55	25.28 -0.97 -0.79	24.72 -0.72 -0.55	22.25 -0.67 -1.45	22.63 -0.69 -1.61	23.01 -0.55 -1.54	25.53 -0.64 -1.72	30.06 -0.76 -2.65	35.40 -1.09 -4.46	31.09 -0.73 -3.73	27.94 -0.63 -3.28	27.05 -0.70 -1.97	24.84 -0.60 -1.60	20.26 -0.27 -2.81	20.12 0.09 -2.51
SAWYER___23_KV_LOAD 55526	25.32 -0.73 -0.92	24.19 -0.64 -0.99	23.19 -0.49 -1.24	19.05 -0.26 -2.79	19.64 -0.20 -2.89	22.15 -0.36 -3.37	30.41 -0.80 -3.72	30.52 -1.13 -5.45	29.79 -1.28 -3.88	25.30 -0.92 -2.55	25.28 -0.97 -0.79	24.72 -0.72 -0.55	22.25 -0.67 -1.45	22.63 -0.69 -1.61	23.01 -0.55 -1.54	25.53 -0.64 -1.72	30.06 -0.76 -2.65	35.40 -1.09 -4.46	31.09 -0.73 -3.73	27.94 -0.63 -3.28	27.05 -0.70 -1.97	24.84 -0.60 -1.60	20.26 -0.27 -2.81	20.12 0.09 -2.51
SELKIRK___I 23801	29.75 0.40 -4.22	28.74 0.38 -4.52	28.44 0.36 -5.64	29.51 0.26 -12.72	30.42 0.29 -13.18	34.85 0.31 -15.40	44.95 0.47 -17.00	51.27 0.44 -24.62	45.24 0.52 -17.55	35.64 0.45 -11.52	29.53 0.51 -3.56	27.89 0.52 -2.48	28.48 0.45 -6.57	29.43 0.43 -7.29	29.47 0.48 -6.97	32.75 0.51 -7.80	40.78 0.62 -12.00	52.85 0.67 -20.14	45.58 0.64 -16.87	40.68 0.56 -14.84	35.25 0.57 -8.91	31.57 0.50 -7.24	30.74 0.34 -12.69	29.28 0.30 -11.46
SELKIRK___II 23799	29.70 0.35 -4.22	28.69 0.33 -4.52	28.39 0.31 -5.63	29.46 0.23 -12.71	30.38 0.25 -13.17	34.79 0.27 -15.39	44.88 0.41 -16.98	51.19 0.39 -24.60	45.17 0.46 -17.53	35.59 0.40 -11.50	29.45 0.43 -3.55	27.84 0.47 -2.48	28.43 0.41 -6.56	29.38 0.39 -7.28	29.40 0.42 -6.97	32.69 0.46 -7.79	40.72 0.56 -11.98	52.80 0.64 -20.12	45.54 0.59 -16.86	40.61 0.51 -14.82	35.22 0.54 -8.91	31.54 0.48 -7.23	30.69 0.30 -12.68	29.23 0.26 -11.45
SENECA OSWGO___HYD 24041	25.51 -0.25 -0.63	24.30 -0.21 -0.68	23.11 -0.18 -0.85	18.30 -0.13 -1.91	18.81 -0.12 -1.98	21.34 -0.11 -2.31	29.84 -0.19 -2.55	29.71 -0.18 -3.69	29.59 -0.22 -2.63	25.22 -0.19 -1.73	25.76 -0.23 -0.53	25.06 -0.20 -0.37	22.25 -0.19 -0.98	22.61 -0.20 -1.09	22.84 -0.22 -1.05	25.39 -0.22 -1.17	29.74 -0.23 -1.80	34.47 -0.19 -2.62	29.92 -0.25 -2.08	26.88 -0.20 -1.80	26.50 -0.15 -0.88	24.37 -0.09 -0.64	19.23 -0.05 -1.57	18.87 -0.03 -1.39
SENECA___115KV_TB3 355854	25.52 -0.55 -0.95	24.40 -0.45 -1.01	23.37 -0.34 -1.26	19.22 -0.15 -2.85	19.82 -0.08 -2.95	22.38 -0.21 -3.45	30.77 -0.52 -3.81	30.96 -0.81 -5.57	30.15 -1.01 -3.97	25.55 -0.73 -2.61	25.50 -0.76 -0.81	24.95 -0.50 -0.56	22.45 -0.49 -1.49	22.84 -0.52 -1.65	23.22 -0.37 -1.58	25.79 -0.42 -1.76	30.40 -0.48 -2.71	35.83 -0.77 -4.56	31.43 -0.48 -3.82	28.22 -0.43 -3.36	27.30 -0.49 -2.02	25.04 -0.43 -1.64	20.43 -0.16 -2.87	20.26 0.18 -2.57
SENECA___ENERGY 23797	25.90 -0.05 -0.82	24.72 0.00 -0.88	23.57 0.02 -1.10	19.01 0.02 -2.47	19.58 0.07 -2.56	22.25 0.12 -3.00	30.98 0.19 -3.31	31.17 0.18 -4.78	30.67 0.08 -3.41	25.94 0.02 -2.24	26.12 -0.03 -0.69	25.37 0.00 -0.48	22.71 -0.02 -1.28	23.08 -0.04 -1.41	23.37 0.00 -1.35	26.05 0.10 -1.51	30.67 0.17 -2.33	36.14 0.19 -3.91	31.62 0.25 -3.28	28.40 0.23 -2.88	27.70 0.21 -1.73	25.36 0.12 -1.41	20.30 0.12 -2.46	19.92 0.18 -2.23
SHOEMAKER___GT 23640	29.40 1.03 -3.24	28.27 0.95 -3.47	27.70 0.92 -4.33	26.97 0.68 -9.77	27.77 0.70 -10.12	31.69 0.73 -11.83	41.72 1.18 -13.05	46.21 1.10 -18.91	41.85 1.19 -13.48	33.56 1.04 -8.84	29.31 1.12 -2.73	27.86 1.07 -1.90	27.42 0.92 -5.04	28.24 0.93 -5.60	28.36 0.99 -5.36	31.55 1.12 -5.99	38.73 1.35 -9.21	49.11 1.60 -15.47	42.43 1.38 -12.96	37.95 1.26 -11.39	33.85 1.24 -6.85	30.47 1.07 -5.56	28.20 0.74 -9.74	27.06 0.74 -8.80

SHOEMAKR_138KV_BK 111 55601	29.36 1.01 -3.22	28.24 0.95 -3.45	27.67 0.92 -4.31	26.91 0.68 -9.71	27.71 0.70 -10.07	31.63 0.73 -11.76	41.62 1.15 -12.98	46.10 1.10 -18.80	41.78 1.20 -13.40	33.54 1.07 -8.79	29.30 1.12 -2.72	27.88 1.10 -1.89	27.40 0.92 -5.01	28.23 0.96 -5.56	28.33 0.99 -5.33	31.54 1.15 -5.95	38.68 1.35 -9.16	49.02 1.60 -15.38	42.35 1.38 -12.88	37.88 1.26 -11.33	33.81 1.24 -6.81	30.43 1.07 -5.53	28.15 0.74 -9.69	26.97 0.70 -8.75
SHOREHAM_IC_1 23715	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.91 2.36 -21.36	44.15 2.42 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.52 1.98 -12.53	38.89 2.40 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.89	41.51 2.31 -15.36	38.79 1.61 -19.46	37.02 1.52 -17.98
SHOREHAM_IC_2 23716	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.08 1.34 -21.22	39.07 1.37 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.91 2.36 -21.36	44.15 2.42 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.11 -7.82	33.49 1.82 -10.21	33.92 1.89 -10.32	36.52 1.98 -12.53	38.89 2.40 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.89	41.51 2.31 -15.36	38.79 1.61 -19.46	37.02 1.52 -17.98
SISSONVILLE____ 23735	24.00 -1.31 -0.18	22.63 -1.41 -0.19	21.14 -1.55 -0.24	15.86 -1.21 -0.54	16.09 -1.42 -0.56	18.27 -1.53 -0.66	26.04 -2.17 -0.73	25.79 -1.47 -1.06	26.28 -1.66 -0.76	22.49 -1.68 -0.50	23.83 -1.78 -0.15	22.88 -2.12 -0.11	19.98 -1.76 -0.28	20.33 -1.69 -0.31	20.49 -1.83 -0.30	22.63 -2.15 -0.34	26.04 -2.65 -0.52	15.88 -3.24 12.92	10.45 -2.87 14.78	8.52 -2.63 14.14	7.88 -2.65 15.23	6.14 -2.57 15.12	4.63 -2.07 11.01	4.55 -2.05 10.92
SITHE_IND_GS1 24169	25.13 -0.55 -0.55	23.93 -0.50 -0.59	22.71 -0.47 -0.74	17.84 -0.35 -1.66	18.34 -0.34 -1.72	20.79 -0.36 -2.02	29.10 -0.60 -2.22	28.82 -0.60 -3.22	28.82 -0.65 -2.30	24.62 -0.57 -1.51	25.31 -0.61 -0.47	24.64 -0.57 -0.32	21.83 -0.49 -0.86	22.17 -0.50 -0.95	22.38 -0.55 -0.91	24.85 -0.61 -1.02	29.03 -0.70 -1.57	33.90 -0.77 -2.63	29.62 -0.67 -2.21	26.62 -0.61 -1.94	26.32 -0.62 -1.17	24.28 -0.50 -0.95	19.04 -0.34 -1.66	18.72 -0.30 -1.50
SITHE_IND_GS2 24170	25.13 -0.55 -0.55	23.93 -0.50 -0.59	22.71 -0.47 -0.74	17.84 -0.35 -1.66	18.34 -0.34 -1.72	20.79 -0.36 -2.02	29.10 -0.60 -2.22	28.82 -0.60 -3.22	28.82 -0.65 -2.30	24.62 -0.57 -1.51	25.31 -0.61 -0.47	24.64 -0.57 -0.32	21.83 -0.49 -0.86	22.17 -0.50 -0.95	22.38 -0.55 -0.91	24.85 -0.61 -1.02	29.03 -0.70 -1.57	33.90 -0.77 -2.63	29.62 -0.67 -2.21	26.62 -0.61 -1.94	26.32 -0.62 -1.17	24.28 -0.50 -0.95	19.04 -0.34 -1.66	18.72 -0.30 -1.50
SITHE_IND_GS3 24171	25.13 -0.55 -0.55	23.93 -0.50 -0.59	22.71 -0.47 -0.74	17.84 -0.35 -1.66	18.34 -0.34 -1.72	20.79 -0.36 -2.02	29.10 -0.60 -2.22	28.82 -0.60 -3.22	28.82 -0.65 -2.30	24.62 -0.57 -1.51	25.31 -0.61 -0.47	24.64 -0.57 -0.32	21.83 -0.49 -0.86	22.17 -0.50 -0.95	22.38 -0.55 -0.91	24.85 -0.61 -1.02	29.03 -0.70 -1.57	33.90 -0.77 -2.63	29.62 -0.67 -2.21	26.62 -0.61 -1.94	26.32 -0.62 -1.17	24.28 -0.50 -0.95	19.04 -0.34 -1.66	18.72 -0.30 -1.50
SITHE_IND_GS4 24172	25.13 -0.55 -0.55	23.93 -0.50 -0.59	22.71 -0.47 -0.74	17.84 -0.35 -1.66	18.34 -0.34 -1.72	20.79 -0.36 -2.02	29.10 -0.60 -2.22	28.82 -0.60 -3.22	28.82 -0.65 -2.30	24.62 -0.57 -1.51	25.31 -0.61 -0.47	24.64 -0.57 -0.32	21.83 -0.49 -0.86	22.17 -0.50 -0.95	22.38 -0.55 -0.91	24.85 -0.61 -1.02	29.03 -0.70 -1.57	33.90 -0.77 -2.63	29.62 -0.67 -2.21	26.62 -0.61 -1.94	26.32 -0.62 -1.17	24.28 -0.50 -0.95	19.04 -0.34 -1.66	18.72 -0.30 -1.50
SITHE____BATAVIA 24024	25.82 -0.17 -0.87	24.68 -0.09 -0.93	23.59 -0.02 -1.16	19.19 0.05 -2.62	19.79 0.12 -2.71	22.39 0.08 -3.17	31.04 0.06 -3.50	31.14 -0.24 -5.18	30.55 -0.32 -3.69	25.86 -0.24 -2.42	25.95 -0.25 -0.75	25.29 -0.12 -0.52	22.69 -0.15 -1.38	23.03 -0.22 -1.53	23.46 -0.02 -1.47	26.03 -0.05 -1.64	30.75 0.06 -2.52	36.31 0.03 -4.24	31.95 0.31 -3.55	28.69 0.28 -3.12	27.70 0.05 -1.88	25.38 0.02 -1.52	20.52 0.14 -2.67	20.30 0.42 -2.36
SITHE____INDEPEND 23800	25.13 -0.55 -0.55	23.93 -0.50 -0.59	22.71 -0.47 -0.74	17.84 -0.35 -1.66	18.34 -0.34 -1.72	20.79 -0.36 -2.02	29.10 -0.60 -2.22	28.82 -0.60 -3.22	28.82 -0.65 -2.30	24.62 -0.57 -1.51	25.31 -0.61 -0.47	24.64 -0.57 -0.32	21.82 -0.49 -0.86	22.16 -0.50 -0.95	22.38 -0.55 -0.91	24.85 -0.61 -1.02	29.03 -0.70 -1.57	33.90 -0.77 -2.63	29.63 -0.67 -2.21	26.62 -0.61 -1.94	26.32 -0.62 -1.17	24.28 -0.50 -0.95	19.04 -0.34 -1.66	18.72 -0.30 -1.50
SITHE____MASSENA 23902	23.81 -1.46 -0.14	22.42 -1.57 -0.15	20.93 -1.71 -0.19	15.61 -1.34 -0.43	15.82 -1.58 -0.44	17.92 -1.74 -0.52	25.53 -2.53 -0.57	25.24 -1.81 -0.84	25.85 -1.93 -0.60	22.18 -1.90 -0.39	23.59 -1.99 -0.12	22.66 -2.31 -0.08	19.77 -1.91 -0.23	20.12 -1.85 -0.25	20.25 -2.00 -0.24	22.36 -2.35 -0.27	25.62 -2.96 -0.41	12.59 -3.65 15.80	3.34 -3.23 21.53	3.03 -2.93 19.33	4.46 -2.94 18.37	2.82 -2.81 18.20	2.09 -2.23 13.39	2.06 -2.21 13.25
SITHE____OGDNSBRG 24021	24.21 -1.08 -0.17	22.80 -1.22 -0.18	21.30 -1.37 -0.22	15.95 -1.07 -0.50	16.16 -1.31 -0.52	18.36 -1.38 -0.60	26.23 -1.92 -0.67	25.97 -1.21 -0.98	26.46 -1.41 -0.70	22.60 -1.54 -0.46	23.94 -1.65 -0.14	22.97 -2.02 -0.10	20.07 -1.65 -0.26	20.42 -1.58 -0.29	20.62 -1.67 -0.28	22.75 -2.00 -0.31	26.22 -2.42 -0.48	15.00 -2.98 14.06	9.23 -2.61 16.25	7.42 -2.40 15.46	6.87 -2.42 16.47	5.11 -2.38 16.34	3.82 -1.95 11.95	3.74 -1.94 11.84
SITHE____STERLING 23777	26.25 0.70 -0.42	24.98 0.69 -0.45	23.63 0.63 -0.56	18.27 0.48 -1.26	18.75 0.49 -1.31	21.30 0.63 -1.53	30.16 0.99 -1.69	29.69 1.05 -2.45	29.85 0.92 -1.74	25.49 0.66 -1.14	26.47 0.66 -0.35	25.73 0.60 -0.25	22.63 0.51 -0.65	22.93 0.50 -0.72	23.26 0.55 -0.69	25.85 0.63 -0.77	30.26 0.90 -1.19	34.41 1.06 -1.32	29.84 0.84 -0.91	26.74 0.71 -0.74	26.68 0.80 -0.11	24.48 0.69 0.04	18.86 0.46 -0.69	18.57 0.47 -0.58
SLEIGHT__34_KV_TB1 80719	25.67 -0.25 -0.80	24.50 -0.19 -0.85	23.38 -0.13 -1.07	18.84 -0.08 -2.40	19.39 -0.05 -2.49	22.03 -0.02 -2.91	30.61 -0.08 -3.21	30.68 -0.16 -4.64	30.30 -0.19 -3.31	25.71 -0.14 -2.17	25.98 -0.15 -0.67	25.23 -0.12 -0.47	22.57 -0.13 -1.24	22.93 -0.15 -1.37	23.22 -0.11 -1.31	25.81 -0.10 -1.47	30.37 -0.06 -2.26	35.84 0.00 -3.80	31.27 0.00 -3.18	28.08 0.00 -2.80	27.40 -0.05 -1.68	25.15 -0.05 -1.36	20.11 0.00 -2.39	19.81 0.12 -2.17
SOUTH CAIRO____GT 23612	30.54 1.38 -4.03	29.39 1.24 -4.32	28.95 1.12 -5.38	29.51 0.84 -12.14	30.50 0.97 -12.58	34.82 0.98 -14.70	45.36 1.65 -16.23	51.09 1.39 -23.50	45.29 1.36 -16.75	35.62 0.95 -10.99	29.69 0.84 -3.40	27.98 0.72 -2.37	28.37 0.64 -6.27	29.27 0.61 -6.95	29.42 0.75 -6.66	32.86 0.98 -7.44	41.08 1.46 -11.45	53.38 2.11 -19.23	46.17 1.97 -16.11	41.04 1.59 -14.16	35.93 1.65 -8.51	32.20 1.45 -6.91	30.73 0.90 -12.11	29.25 0.79 -10.94

SOUTH HAMPTN___IC 23720	42.44 2.34 -14.97	41.69 2.17 -15.68	40.55 2.06 -16.04	39.26 1.52 -21.22	39.25 1.56 -20.74	42.07 1.76 -21.17	48.06 2.88 -17.69	50.31 2.75 -21.36	44.53 2.80 -14.55	41.12 2.30 -15.14	36.05 2.55 -8.04	35.15 2.44 -7.82	33.75 2.08 -10.21	34.18 2.15 -10.32	36.81 2.27 -12.53	39.23 2.74 -12.06	51.96 3.29 -20.49	78.82 3.81 -42.97	62.10 3.45 -30.55	46.79 3.19 -18.32	45.64 2.99 -16.88	41.82 2.62 -15.36	39.00 1.83 -19.46	37.22 1.72 -17.98
SOUTHDOW_115KV_TB1 355954	26.26 0.15 -0.98	25.08 0.19 -1.05	24.00 0.25 -1.31	19.74 0.26 -2.96	20.35 0.34 -3.06	23.02 0.31 -3.58	31.73 0.30 -3.95	32.08 0.10 -5.77	31.19 -0.11 -4.11	26.33 -0.05 -2.70	26.32 0.03 -0.83	25.72 0.25 -0.58	23.13 0.13 -1.54	23.51 0.09 -1.71	23.91 0.26 -1.64	26.59 0.32 -1.83	31.46 0.48 -2.81	36.98 0.22 -4.72	32.33 0.28 -3.96	28.92 0.15 -3.48	27.99 0.13 -2.09	25.60 0.07 -1.70	20.90 0.21 -2.97	20.67 0.49 -2.66
SOUTHOLD_69_KV_BK 2 55809	42.81 2.71 -14.97	42.05 2.53 -15.68	40.87 2.38 -16.04	39.51 1.77 -21.22	39.51 1.81 -20.74	42.37 2.07 -21.17	48.58 3.41 -17.69	50.80 3.25 -21.36	45.02 3.29 -14.55	41.50 2.68 -15.14	36.42 2.93 -8.04	35.49 2.79 -7.82	34.05 2.38 -10.21	34.46 2.43 -10.32	37.14 2.60 -12.53	39.65 3.15 -12.06	52.55 3.89 -20.49	79.52 4.52 -42.96	62.69 4.05 -30.55	47.35 3.74 -18.32	46.15 3.50 -16.88	42.27 3.07 -15.36	39.30 2.13 -19.46	37.43 1.93 -17.98
SOUTHOLD___IC 23719	42.81 2.71 -14.97	42.05 2.53 -15.68	40.86 2.38 -16.04	39.51 1.77 -21.22	39.51 1.81 -20.74	42.37 2.07 -21.17	48.58 3.41 -17.69	50.80 3.25 -21.36	45.02 3.29 -14.55	41.50 2.67 -15.14	36.43 2.93 -8.04	35.49 2.79 -7.82	34.05 2.38 -10.21	34.46 2.43 -10.32	37.14 2.60 -12.53	39.65 3.15 -12.06	79.49 3.89 -20.49	62.69 4.48 -42.97	47.35 4.05 -30.55	46.16 3.74 -18.32	46.16 3.50 -16.88	42.27 3.08 -15.36	39.30 2.12 -19.46	37.48 1.98 -17.98
SOUTH_FORK_WT_PWR 323839	42.89 2.79 -14.97	42.10 2.57 -15.68	40.91 2.42 -16.04	39.54 1.80 -21.22	39.54 1.85 -20.74	42.41 2.11 -21.17	48.64 3.46 -17.69	50.86 3.30 -21.36	45.07 3.34 -14.55	41.55 2.72 -15.14	36.48 2.98 -8.04	35.54 2.84 -7.82	34.09 2.42 -10.21	34.51 2.48 -10.32	37.18 2.64 -12.53	39.70 3.20 -12.06	52.63 3.97 -20.49	79.58 4.58 -42.96	62.83 4.19 -30.55	47.48 3.87 -18.32	46.20 3.56 -16.88	42.32 3.12 -15.36	39.34 2.16 -19.46	37.46 1.96 -17.98
SPIERFLS_115KV_TB 1 80737	30.29 0.80 -4.36	29.22 0.72 -4.67	28.92 0.65 -5.82	30.15 0.50 -13.13	31.21 0.64 -13.61	35.79 0.75 -15.90	46.32 1.29 -17.55	52.83 1.21 -25.42	46.49 1.20 -18.11	36.44 0.88 -11.89	30.05 0.92 -3.67	28.14 0.70 -2.56	28.88 0.64 -6.78	29.91 0.67 -7.52	29.94 0.73 -7.20	33.15 0.66 -8.05	41.37 0.82 -12.39	53.92 1.09 -20.80	46.55 1.04 -17.42	41.39 0.78 -15.32	35.67 0.70 -9.20	31.85 0.55 -7.47	31.38 0.57 -13.10	30.41 1.05 -11.84
ST LAWRENCE___ 23600	23.48 -1.78 -0.13	22.10 -1.88 -0.14	20.63 -2.00 -0.18	15.37 -1.55 -0.40	15.57 -1.80 -0.42	17.64 -1.99 -0.49	25.14 -2.89 -0.54	24.62 -2.36 -0.78	25.26 -2.47 -0.55	21.70 -2.34 -0.36	23.10 -2.47 -0.11	22.23 -2.74 -0.08	19.37 -2.30 -0.21	19.71 -2.24 -0.23	19.84 -2.40 -0.22	21.88 -2.81 -0.25	25.03 -3.52 -0.38	11.04 -4.33 16.67	1.25 -3.76 23.08	1.25 -3.44 20.60	3.00 -3.45 19.32	1.41 -3.29 19.13	1.02 -2.59 14.11	1.03 -2.54 13.95
STATE_CA_115KV_115_LB 55624	29.75 0.35 -4.27	28.72 0.31 -4.57	28.42 0.27 -5.70	29.59 0.20 -12.87	30.52 0.24 -13.33	34.99 0.27 -15.58	45.12 0.44 -17.19	51.55 0.45 -24.90	45.44 0.52 -17.75	35.75 0.43 -11.65	29.54 0.48 -3.60	27.92 0.52 -2.51	28.57 0.47 -6.64	29.51 0.43 -7.37	29.53 0.46 -7.05	32.84 0.51 -7.89	40.89 0.59 -12.13	53.12 0.70 -20.37	45.78 0.62 -17.07	40.82 0.53 -15.01	35.35 0.57 -9.02	31.63 0.48 -7.32	30.85 0.30 -12.83	29.34 0.23 -11.60
STATE_ST_34_KV_LOAD 55959	26.14 0.20 -0.81	24.95 0.24 -0.87	23.78 0.25 -1.09	19.16 0.18 -2.45	19.70 0.20 -2.54	22.38 0.27 -2.97	31.20 0.44 -3.28	31.39 0.45 -4.74	30.94 0.38 -3.38	26.18 0.28 -2.22	26.40 0.25 -0.69	25.64 0.27 -0.48	22.92 0.19 -1.26	23.31 0.20 -1.40	23.56 0.20 -1.34	26.26 0.32 -1.50	30.90 0.42 -2.31	36.46 0.54 -3.88	32.01 0.67 -3.25	28.78 0.63 -2.86	27.92 0.44 -1.72	25.61 0.38 -1.39	20.46 0.30 -2.44	20.04 0.32 -2.21
STATION 5_MISC_HYD 23604	25.81 -0.13 -0.81	24.64 -0.07 -0.87	23.53 0.00 -1.09	19.00 0.03 -2.45	19.57 0.09 -2.54	22.18 0.08 -2.97	30.56 -0.19 -3.27	30.55 -0.37 -4.72	30.14 -0.41 -3.36	25.63 -0.26 -2.21	25.89 -0.25 -0.68	25.19 -0.17 -0.47	22.57 -0.15 -1.26	22.89 -0.22 -1.40	23.24 -0.11 -1.34	25.79 -0.15 -1.49	30.35 -0.11 -2.30	35.74 -0.16 -3.86	31.30 -0.03 -3.23	28.10 -0.03 -2.84	27.35 -0.13 -1.71	25.12 -0.09 -1.39	20.16 0.02 -2.43	19.90 0.18 -2.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.01 0.08 -0.81	24.82 0.12 -0.86	23.68 0.16 -1.08	19.09 0.13 -2.43	19.66 0.19 -2.52	22.31 0.23 -2.95	31.15 0.41 -3.25	31.14 0.31 -4.63	30.75 0.27 -3.30	26.06 0.21 -2.17	26.36 0.23 -0.67	25.58 0.22 -0.47	22.89 0.19 -1.23	23.23 0.15 -1.37	23.55 0.22 -1.31	26.20 0.29 -1.47	30.87 0.45 -2.26	36.37 0.54 -3.79	31.71 0.45 -3.17	28.46 0.38 -2.79	27.81 0.36 -1.68	25.48 0.29 -1.36	20.35 0.25 -2.39	20.06 0.35 -2.19
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.66 -0.28 -0.81	24.47 -0.24 -0.87	23.37 -0.16 -1.08	18.88 -0.08 -2.44	19.44 -0.03 -2.52	22.03 -0.06 -2.95	30.41 -0.33 -3.25	30.40 -0.50 -4.70	30.01 -0.52 -3.35	25.52 -0.36 -2.20	25.75 -0.38 -0.68	25.06 -0.30 -0.47	22.45 -0.26 -1.25	22.80 -0.30 -1.39	23.12 -0.22 -1.33	25.66 -0.27 -1.49	30.23 -0.23 -2.29	35.59 -0.29 -3.84	31.11 -0.20 -3.22	27.94 -0.18 -2.83	27.21 -0.26 -1.70	24.97 -0.24 -1.38	20.05 -0.09 -2.42	19.80 0.09 -2.19
STA_56___34_KV_BUS2 355983	25.66 -0.28 -0.81	24.47 -0.24 -0.87	23.37 -0.16 -1.08	18.88 -0.08 -2.44	19.44 -0.03 -2.52	22.03 -0.06 -2.95	30.41 -0.33 -3.25	30.40 -0.50 -4.70	30.01 -0.52 -3.35	25.52 -0.36 -2.20	25.75 -0.38 -0.68	25.06 -0.30 -0.47	22.45 -0.26 -1.25	22.80 -0.30 -1.39	23.12 -0.22 -1.33	25.66 -0.27 -1.49	30.23 -0.23 -2.29	35.59 -0.29 -3.84	31.11 -0.20 -3.22	27.94 -0.18 -2.83	27.21 -0.26 -1.70	24.97 -0.24 -1.38	20.05 -0.09 -2.42	19.80 0.09 -2.19
STA_67___115KV_BK2 355882	25.79 -0.15 -0.81	24.59 -0.12 -0.87	23.49 -0.04 -1.09	18.97 0.00 -2.45	19.54 0.05 -2.54	22.14 0.04 -2.96	30.51 -0.25 -3.27	30.50 -0.42 -4.72	30.08 -0.46 -3.36	25.58 -0.31 -2.21	25.83 -0.31 -0.68	25.14 -0.22 -0.47	22.52 -0.19 -1.26	22.87 -0.24 -1.40	23.20 -0.15 -1.34	25.76 -0.17 -1.49	30.30 -0.17 -2.30	35.67 -0.22 -3.86	31.24 -0.08 -3.23	28.03 -0.10 -2.84	27.32 -0.15 -1.71	25.08 -0.14 -1.39	20.13 -0.02 -2.43	19.90 0.18 -2.21
STA_7___115KV_9TRANS 80674	25.91 -0.03 -0.81	24.71 0.00 -0.87	23.60 0.07 -1.09	19.05 0.08 -2.45	19.62 0.14 -2.54	22.24 0.13 -2.96	30.67 -0.08 -3.27	30.68 -0.24 -4.72	30.30 -0.24 -3.36	25.74 -0.14 -2.21	26.01 -0.13 -0.68	25.31 -0.05 -0.47	22.67 -0.04 -1.26	23.00 -0.11 -1.40	23.35 0.00 -1.34	25.91 -0.02 -1.49	30.49 0.03 -2.30	35.93 0.03 -3.86	31.44 0.11 -3.23	28.23 0.10 -2.84	27.48 0.00 -1.71	25.22 0.00 -1.39	20.23 0.09 -2.43	19.99 0.26 -2.21

STA_82___115KV_TB1 80780	25.76 -0.18 -0.81	24.59 -0.12 -0.87	23.47 -0.07 -1.09	18.97 0.00 -2.45	19.54 0.05 -2.54	22.13 0.02 -2.97	30.48 -0.27 -3.28	30.47 -0.45 -4.72	30.06 -0.49 -3.36	25.56 -0.33 -2.21	25.81 -0.33 -0.68	25.12 -0.25 -0.48	22.50 -0.21 -1.26	22.85 -0.26 -1.40	23.18 -0.18 -1.34	25.74 -0.20 -1.49	30.27 -0.20 -2.30	35.64 -0.26 -3.86	31.21 -0.11 -3.23	28.01 -0.13 -2.84	27.30 -0.18 -1.71	25.05 -0.17 -1.39	20.11 -0.04 -2.43	19.89 0.16 -2.21
STEEL___WIND 323596	25.49 -0.58 -0.95	24.37 -0.48 -1.01	23.35 -0.36 -1.26	19.21 -0.17 -2.85	19.80 -0.10 -2.95	22.36 -0.23 -3.45	30.74 -0.55 -3.81	30.93 -0.84 -5.57	30.12 -1.03 -3.97	25.53 -0.76 -2.61	25.47 -0.79 -0.81	24.93 -0.52 -0.56	22.43 -0.52 -1.49	22.80 -0.56 -1.65	23.20 -0.40 -1.58	25.77 -0.44 -1.76	30.38 -0.51 -2.71	35.80 -0.80 -4.56	31.41 -0.50 -3.82	28.21 -0.43 -3.36	27.27 -0.52 -2.02	25.02 -0.45 -1.64	20.43 -0.16 -2.87	20.19 0.11 -2.57
STEPHTWN_115KV_BK_2 55603	29.91 0.55 -4.23	28.85 0.48 -4.53	28.52 0.43 -5.65	29.60 0.33 -12.75	30.55 0.39 -13.21	35.01 0.44 -15.44	45.26 0.74 -17.03	51.61 0.73 -24.67	45.55 0.79 -17.58	35.86 0.64 -11.54	29.71 0.69 -3.57	28.04 0.67 -2.48	28.64 0.60 -6.58	29.58 0.56 -7.30	29.62 0.62 -6.99	32.94 0.68 -7.81	41.03 0.85 -12.02	53.28 1.06 -20.18	45.93 0.93 -16.91	40.91 0.76 -14.87	35.53 0.82 -8.93	31.80 0.71 -7.25	30.89 0.46 -12.71	29.37 0.37 -11.49
STEBEN_REC_LFGE 323667	26.71 0.45 -1.13	25.53 0.48 -1.21	24.45 0.49 -1.51	20.33 0.40 -3.41	20.92 0.44 -3.53	23.76 0.50 -4.13	32.61 0.58 -4.55	33.23 0.42 -6.61	32.05 0.16 -4.71	26.89 0.12 -3.09	26.57 0.15 -0.96	25.83 0.27 -0.67	23.39 0.17 -1.76	23.86 0.20 -1.96	24.17 0.29 -1.87	26.93 0.39 -2.09	31.84 0.45 -3.22	37.86 0.42 -5.41	33.10 0.48 -4.53	29.75 0.48 -3.98	28.60 0.44 -2.39	26.13 0.36 -1.94	21.46 0.34 -3.41	21.12 0.53 -3.07
STILLWATER___SOLAR 323814	30.42 0.95 -4.34	29.37 0.88 -4.65	29.05 0.81 -5.79	30.21 0.61 -13.07	31.19 0.70 -13.54	35.79 0.82 -15.83	46.24 1.29 -17.47	52.73 1.23 -25.30	46.46 1.25 -18.03	36.51 0.99 -11.83	30.18 1.07 -3.66	28.41 0.97 -2.55	29.07 0.86 -6.75	30.07 0.87 -7.49	30.13 0.95 -7.17	33.48 1.03 -8.01	41.73 1.24 -12.33	54.24 1.51 -20.70	46.78 1.35 -17.34	41.67 1.14 -15.24	36.03 1.11 -9.16	32.22 0.95 -7.44	31.46 0.71 -13.04	29.95 0.65 -11.78
STONY___BROOK 24151	42.08 1.98 -14.97	41.36 1.84 -15.68	40.24 1.75 -16.04	39.03 1.29 -21.22	39.02 1.32 -20.74	41.76 1.45 -21.17	47.48 2.31 -17.69	49.73 2.17 -21.36	44.01 2.28 -14.55	40.79 1.96 -15.14	35.66 2.16 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.90 1.87 -10.32	36.45 1.91 -12.53	38.79 2.30 -12.06	51.31 2.65 -20.49	78.06 3.05 -42.97	61.42 2.75 -30.57	46.18 2.55 -18.34	45.08 2.42 -16.89	41.32 2.12 -15.37	38.70 1.52 -19.46	36.97 1.47 -17.98
STURGEON_POOL_HYD 23609	29.87 1.08 -3.66	28.78 1.03 -3.92	28.32 0.99 -4.89	28.27 0.73 -11.02	29.10 0.73 -11.42	33.21 0.73 -13.35	43.39 1.18 -14.73	48.61 1.07 -21.33	43.61 1.22 -15.20	34.75 1.09 -9.98	29.69 1.15 -3.08	28.13 1.10 -2.15	28.05 0.90 -5.69	28.96 0.93 -6.31	29.05 0.99 -6.04	32.32 1.12 -6.76	39.89 1.32 -10.39	51.06 1.57 -17.45	44.00 1.29 -14.62	39.36 1.21 -12.85	34.73 1.24 -7.72	31.18 1.07 -6.27	29.45 0.74 -10.99	28.15 0.70 -9.93
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.56 1.13 -3.30	28.43 1.05 -3.54	27.89 1.03 -4.41	27.24 0.76 -9.96	28.05 0.78 -10.32	32.02 0.82 -12.06	42.11 1.32 -13.31	46.73 1.26 -19.27	42.30 1.39 -13.73	33.92 1.23 -9.01	29.57 1.32 -2.79	28.10 1.27 -1.94	27.69 1.09 -5.14	28.54 1.13 -5.70	28.64 1.17 -5.46	31.86 1.32 -6.10	39.11 1.55 -9.39	49.63 1.83 -15.77	42.79 1.49 -13.21	38.27 1.37 -11.61	34.16 1.42 -6.98	30.69 1.19 -5.67	28.50 0.85 -9.93	27.30 0.81 -8.97
SWANROAD_115KV_TB1 355699	24.83 -1.21 -0.90	23.73 -1.07 -0.97	22.73 -0.92 -1.21	18.67 -0.58 -2.73	19.25 -0.53 -2.82	21.69 -0.75 -3.30	29.81 -1.32 -3.64	29.91 -1.65 -5.37	29.18 -1.82 -3.82	24.79 -1.40 -2.51	24.81 -1.43 -0.78	24.26 -1.17 -0.54	21.80 -1.09 -1.43	22.15 -1.15 -1.59	22.54 -0.99 -1.52	25.02 -1.12 -1.70	29.46 -1.32 -2.61	34.70 -1.73 -4.39	30.50 -1.26 -3.68	27.41 -1.11 -3.23	26.53 -1.19 -1.94	24.39 -1.02 -1.58	19.89 -0.58 -2.76	19.75 -0.23 -2.46
SYNERGY___BIOGAS 323694	25.82 -0.17 -0.87	24.68 -0.09 -0.93	23.59 -0.02 -1.16	19.19 0.05 -2.62	19.79 0.12 -2.71	22.39 0.08 -3.17	31.04 0.06 -3.50	31.14 -0.24 -5.18	30.55 -0.32 -3.69	25.86 -0.24 -2.42	25.95 -0.25 -0.75	25.29 -0.12 -0.52	22.69 -0.15 -1.38	23.03 -0.22 -1.53	23.46 -0.02 -1.47	26.03 -0.05 -1.64	30.75 0.06 -2.52	36.31 0.03 -4.24	31.95 0.31 -3.55	28.69 0.28 -3.12	27.70 0.05 -1.88	25.38 0.02 -1.52	20.52 0.14 -2.67	20.30 0.42 -2.36
SYRACUSE___ENERGY_ST1 323597	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.08 -2.26	21.89 0.11 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.09 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.40 0.22 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.15 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
SYRACUSE___ENERGY_ST2 323598	25.90 0.05 -0.72	24.68 0.07 -0.77	23.50 0.09 -0.96	18.75 0.05 -2.18	19.29 0.08 -2.26	21.89 0.11 -2.64	30.53 0.14 -2.91	30.56 0.16 -4.21	30.29 0.11 -3.00	25.74 0.09 -1.97	26.14 0.08 -0.61	25.39 0.07 -0.42	22.65 0.06 -1.12	23.02 0.07 -1.24	23.25 0.04 -1.19	25.85 0.07 -1.33	30.36 0.14 -2.05	35.40 0.22 -3.14	30.72 0.14 -2.49	27.62 0.15 -2.18	27.11 0.15 -1.18	24.90 0.17 -0.90	19.79 0.16 -1.92	19.41 0.18 -1.71
SYRACUSE___POWER 24017	25.84 -0.03 -0.74	24.65 0.02 -0.79	23.45 0.02 -0.98	18.76 0.02 -2.22	19.28 0.03 -2.30	21.90 0.08 -2.68	30.56 0.11 -2.96	30.59 0.10 -4.29	30.29 0.05 -3.06	25.73 0.05 -2.01	26.10 0.03 -0.62	25.37 0.05 -0.43	22.62 0.02 -1.14	23.00 0.02 -1.27	23.23 0.00 -1.21	25.85 0.05 -1.36	30.34 0.08 -2.09	35.39 0.16 -3.20	30.76 0.14 -2.53	27.63 0.13 -2.21	27.10 0.13 -1.20	24.89 0.14 -0.91	19.79 0.12 -1.95	19.40 0.14 -1.74
TALLMAN___138KV_BK151 55660	29.81 1.31 -3.38	28.67 1.22 -3.62	28.13 1.17 -4.51	27.58 0.88 -10.18	28.38 0.88 -10.55	32.40 0.94 -12.33	42.62 1.54 -13.60	47.40 1.49 -19.70	42.85 1.63 -14.04	34.34 1.44 -9.22	29.88 1.58 -2.85	28.39 1.52 -1.98	28.02 1.31 -5.25	28.89 1.35 -5.83	28.98 1.39 -5.58	32.25 1.56 -6.24	39.60 1.83 -9.60	50.30 2.15 -16.12	43.36 1.77 -13.50	38.80 1.64 -11.87	34.55 1.65 -7.13	31.01 1.38 -5.79	28.88 1.01 -10.15	27.64 0.95 -9.17
TEALLAVE_115KV_TB7 355573	25.69 -0.10 -0.67	24.48 -0.07 -0.71	23.29 -0.04 -0.89	18.50 -0.03 -2.01	19.02 -0.02 -2.08	21.57 0.00 -2.43	30.17 0.00 -2.69	30.09 0.00 -3.89	29.90 -0.05 -2.77	25.45 -0.05 -1.82	25.97 -0.05 -0.56	25.23 -0.05 -0.39	22.45 -0.04 -1.04	22.82 -0.04 -1.15	23.05 -0.07 -1.10	25.62 -0.05 -1.23	30.03 -0.03 -1.89	34.90 0.03 -2.83	30.30 0.00 -2.20	27.21 0.00 -1.93	26.78 0.00 -1.01	24.61 0.02 -0.75	19.48 0.05 -1.71	19.13 0.09 -1.52

TELGRAPH_34_KV_EAST 80808	25.43 -0.58 -0.88	24.31 -0.48 -0.95	23.27 -0.36 -1.18	19.00 -0.18 -2.66	19.59 -0.12 -2.76	22.13 -0.23 -3.22	30.46 -0.58 -3.56	30.60 -0.92 -5.32	29.94 -1.03 -3.79	25.41 -0.76 -2.49	25.44 -0.79 -0.77	24.85 -0.57 -0.54	22.32 -0.56 -1.42	22.65 -0.63 -1.57	23.08 -0.44 -1.51	25.61 -0.51 -1.68	30.20 -0.56 -2.59	35.59 -0.80 -4.35	31.29 -0.45 -3.64	28.09 -0.40 -3.20	27.18 -0.52 -1.93	24.94 -0.45 -1.56	20.28 -0.18 -2.74	20.07 0.16 -2.40
TEMPLE___115KV_TB 2 55572	25.70 -0.10 -0.67	24.51 -0.05 -0.72	23.30 -0.04 -0.90	18.54 -0.02 -2.03	19.05 0.00 -2.10	21.61 0.02 -2.46	30.20 0.00 -2.71	30.13 0.00 -3.93	29.95 -0.03 -2.80	25.49 -0.02 -1.84	25.97 -0.05 -0.57	25.26 -0.02 -0.40	22.48 -0.02 -1.05	22.85 -0.02 -1.16	23.08 -0.04 -1.11	25.66 -0.02 -1.24	30.08 0.00 -1.91	34.97 0.06 -2.87	30.36 0.03 -2.24	27.27 0.03 -1.96	26.83 0.03 -1.03	24.65 0.05 -0.77	19.52 0.07 -1.74	19.15 0.09 -1.54
TIANA___69_KV_BK 1 55817	42.34 2.24 -14.97	41.62 2.10 -15.68	40.46 1.98 -16.04	39.21 1.47 -21.22	39.20 1.51 -20.74	41.99 1.68 -21.17	47.95 2.78 -17.69	50.18 2.62 -21.36	44.42 2.69 -14.55	41.03 2.20 -15.14	35.94 2.44 -8.04	35.04 2.34 -7.82	33.66 2.00 -10.21	34.10 2.06 -10.32	36.72 2.18 -12.53	39.14 2.64 -12.06	51.85 3.18 -20.49	78.68 3.68 -42.96	61.93 3.29 -30.55	46.69 3.09 -18.32	45.53 2.89 -16.88	41.72 2.53 -15.36	38.95 1.77 -19.46	37.11 1.61 -17.98
TILDEN___115KV_TB1 80814	25.84 -0.03 -0.74	24.65 0.02 -0.79	23.45 0.02 -0.98	18.76 0.02 -2.22	19.28 0.03 -2.30	21.90 0.08 -2.68	30.56 0.11 -2.96	30.59 0.10 -4.29	30.29 0.05 -3.06	25.73 0.05 -2.01	26.10 0.03 -0.62	25.37 0.05 -0.43	22.62 0.02 -1.14	23.00 0.02 -1.27	23.23 0.00 -1.21	25.85 0.05 -1.36	30.34 0.08 -2.09	35.39 0.16 -3.20	30.76 0.14 -2.53	27.63 0.13 -2.21	27.10 0.13 -1.20	24.89 0.14 -0.91	19.79 0.12 -1.95	19.40 0.14 -1.74
TRIGEN___CC 323695	41.91 1.81 -14.97	41.22 1.69 -15.68	40.08 1.59 -16.04	38.91 1.17 -21.22	38.90 1.20 -20.74	41.61 1.30 -21.17	47.24 2.06 -17.69	49.57 2.02 -21.36	43.96 2.23 -14.55	40.79 1.97 -15.14	35.64 2.14 -8.04	34.80 2.09 -7.82	33.47 1.80 -10.21	33.88 1.85 -10.32	36.41 1.87 -12.53	38.58 2.08 -12.06	51.08 2.42 -20.49	77.71 2.76 -42.92	60.88 2.36 -30.43	45.68 2.20 -18.20	44.77 2.16 -16.84	41.04 1.88 -15.32	38.57 1.40 -19.46	36.83 1.33 -17.98
TRINITY___115KV__ 4 BK 55933	29.62 0.25 -4.24	28.59 0.21 -4.54	28.31 0.20 -5.66	29.44 0.15 -12.77	30.36 0.17 -13.24	34.80 0.19 -15.47	44.85 0.30 -17.07	51.21 0.29 -24.72	45.15 0.35 -17.62	35.55 0.31 -11.56	29.39 0.36 -3.57	27.80 0.42 -2.49	28.42 0.36 -6.59	29.37 0.35 -7.32	29.39 0.37 -7.00	32.66 0.39 -7.83	40.66 0.45 -12.04	52.77 0.51 -20.22	45.51 0.48 -16.94	40.59 0.40 -14.90	35.16 0.44 -8.95	31.48 0.38 -7.27	30.68 0.23 -12.74	29.19 0.16 -11.51
UNION___PROCESSING_DRP 323587	25.76 -0.18 -0.81	24.59 -0.12 -0.87	23.49 -0.04 -1.09	18.98 0.00 -2.45	19.54 0.05 -2.54	22.15 0.04 -2.97	30.98 0.22 -3.28	31.04 0.03 -4.82	30.59 -0.03 -3.43	25.93 0.00 -2.25	26.13 -0.03 -0.70	25.42 0.05 -0.48	22.74 0.00 -1.29	23.09 -0.04 -1.43	23.45 0.07 -1.36	26.07 0.10 -1.53	30.74 0.23 -2.35	36.27 0.29 -3.94	32.18 0.79 -3.30	28.90 0.71 -2.90	27.74 0.23 -1.74	25.44 0.19 -1.42	20.41 0.21 -2.48	20.15 0.42 -2.21
UPPER HUDSON___HYD 24058	30.29 0.80 -4.36	29.22 0.71 -4.67	28.92 0.65 -5.82	30.15 0.50 -13.13	31.21 0.64 -13.61	35.79 0.75 -15.90	46.33 1.29 -17.55	52.83 1.21 -25.42	46.49 1.19 -18.11	36.45 0.88 -11.89	30.05 0.92 -3.67	28.14 0.70 -2.56	28.88 0.64 -6.78	29.91 0.67 -7.52	29.94 0.73 -7.20	33.15 0.66 -8.05	41.37 0.82 -12.39	53.92 1.09 -20.80	46.55 1.04 -17.42	41.39 0.78 -15.32	35.67 0.70 -9.20	31.86 0.55 -7.47	31.38 0.57 -13.10	29.90 0.54 -11.84
UPPER RAQUET___HYD 24056	24.00 -1.31 -0.18	22.63 -1.41 -0.19	21.14 -1.55 -0.24	15.86 -1.21 -0.54	16.09 -1.42 -0.56	18.26 -1.53 -0.66	26.04 -2.17 -0.73	25.80 -1.47 -1.06	26.28 -1.66 -0.76	22.50 -1.68 -0.50	23.83 -1.78 -0.15	22.88 -2.12 -0.11	19.98 -1.76 -0.28	20.33 -1.69 -0.31	20.49 -1.83 -0.30	22.63 -2.15 -0.34	26.04 -2.65 -0.52	15.88 -3.23 12.92	10.45 -2.87 14.78	8.49 -2.65 14.14	7.88 -2.65 15.23	6.14 -2.57 15.12	4.63 -2.07 11.01	4.55 -2.05 10.92
VALLEY44_115KV_TB2 355964	25.32 -0.80 -0.99	24.23 -0.67 -1.06	23.28 -0.49 -1.33	19.27 -0.25 -2.99	19.85 -0.20 -3.10	22.45 -0.31 -3.62	30.90 -0.58 -4.00	31.28 -0.76 -5.84	30.23 -1.11 -4.16	25.49 -0.92 -2.73	25.36 -0.94 -0.84	24.73 -0.75 -0.59	22.31 -0.71 -1.56	22.72 -0.72 -1.73	23.10 -0.57 -1.65	25.71 -0.59 -1.85	30.45 -0.56 -2.85	35.98 -0.83 -4.78	31.53 -0.56 -4.00	28.28 -0.53 -3.52	27.32 -0.57 -2.11	24.93 -0.62 -1.72	20.39 -0.34 -3.01	20.14 -0.07 -2.70
VALLEY___115KV_TB 1-4 80826	26.06 0.83 -0.11	24.72 0.76 -0.12	23.29 0.70 -0.14	17.36 0.51 -0.33	17.82 0.53 -0.34	20.13 0.59 -0.40	28.80 0.88 -0.44	27.70 0.86 -0.63	28.45 0.82 -0.45	24.64 0.66 -0.30	26.31 0.76 -0.09	25.67 0.72 -0.06	22.21 0.58 -0.17	22.46 0.56 -0.19	22.77 0.57 -0.18	25.23 0.59 -0.20	29.15 0.68 -0.31	33.29 0.74 -0.52	29.03 0.51 -0.43	26.07 0.40 -0.38	26.51 0.52 -0.23	24.52 0.50 -0.19	18.40 0.35 -0.33	18.16 0.35 -0.29
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.32 1.36 -1.84	27.12 1.31 -1.97	26.14 1.23 -2.46	23.03 0.96 -5.54	23.68 0.98 -5.74	27.02 1.17 -6.71	36.73 1.84 -7.41	38.74 1.81 -10.73	36.62 1.79 -7.65	30.14 1.44 -5.02	28.54 1.53 -1.55	27.44 1.47 -1.08	25.55 1.22 -2.86	26.08 1.19 -3.18	26.33 1.28 -3.04	29.31 1.47 -3.40	35.28 1.89 -5.23	43.00 2.18 -8.78	37.44 1.99 -7.36	33.50 1.74 -6.47	31.36 1.70 -3.89	28.47 1.48 -3.16	24.29 1.05 -5.53	23.55 1.03 -5.00
VISCHER___FERRY HYD 24020	30.06 0.65 -4.28	29.06 0.64 -4.58	28.74 0.58 -5.71	29.86 0.45 -12.89	30.78 0.47 -13.36	35.30 0.56 -15.61	45.56 0.85 -17.22	51.96 0.81 -24.95	45.83 0.87 -17.78	36.08 0.73 -11.67	29.85 0.79 -3.61	28.17 0.77 -2.51	28.78 0.67 -6.65	29.77 0.67 -7.38	29.83 0.75 -7.07	33.15 0.81 -7.90	41.28 0.96 -12.16	53.54 1.09 -20.41	46.17 0.98 -17.10	41.18 0.86 -15.03	35.65 0.85 -9.03	31.93 0.76 -7.34	31.10 0.53 -12.86	29.59 0.45 -11.62
V_A_10_SYNC_DSASP 323832	25.33 -0.65 -0.86	24.18 -0.57 -0.92	23.14 -0.45 -1.14	18.85 -0.25 -2.58	19.45 -0.17 -2.67	21.95 -0.31 -3.12	30.19 -0.74 -3.44	30.19 -1.02 -5.01	29.61 -1.14 -3.57	25.22 -0.81 -2.35	25.32 -0.87 -0.72	24.75 -0.65 -0.50	22.22 -0.58 -1.34	22.56 -0.63 -1.48	22.93 -0.51 -1.42	25.47 -0.56 -1.59	29.93 -0.68 -2.44	35.21 -0.93 -4.10	30.91 -0.62 -3.44	27.78 -0.53 -3.02	26.99 -0.59 -1.82	24.81 -0.50 -1.47	20.09 -0.21 -2.58	19.88 0.04 -2.32
V_CMM_10_SYNC_DSASP 323787	23.58 -1.68 -0.13	22.19 -1.79 -0.14	20.72 -1.91 -0.18	15.42 -1.50 -0.40	15.64 -1.73 -0.42	17.71 -1.91 -0.49	25.22 -2.80 -0.54	24.72 -2.25 -0.78	25.34 -2.39 -0.55	21.79 -2.25 -0.36	23.20 -2.37 -0.11	22.30 -2.66 -0.08	19.46 -2.21 -0.21	19.77 -2.17 -0.23	19.92 -2.31 -0.22	21.95 -2.74 -0.25	25.14 -3.41 -0.38	11.17 -4.20 16.67	1.33 -3.68 23.08	1.35 -3.34 20.60	3.08 -3.37 19.32	1.48 -3.22 19.13	1.09 -2.52 14.11	1.10 -2.47 13.95

V_CMP_10_SYNC_DSASP 323788	24.01 -1.26 -0.14	22.58 -1.41 -0.15	20.99 -1.64 -0.18	15.61 -1.32 -0.41	15.80 -1.58 -0.43	17.91 -1.72 -0.50	25.51 -2.53 -0.55	25.11 -1.89 -0.80	25.74 -2.01 -0.57	22.06 -1.99 -0.37	23.54 -2.04 -0.12	22.58 -2.39 -0.08	19.65 -2.02 -0.21	19.97 -1.98 -0.24	20.06 -2.18 -0.23	22.03 -2.66 -0.25	25.01 -3.55 -0.39	11.06 -4.55 16.43	0.72 -4.04 23.32	0.89 -3.74 20.66	3.21 -3.50 19.06	1.59 -3.36 18.88	1.10 -2.71 13.91	1.15 -2.61 13.76
V_E_10_SYNC_DSASP 323830	28.96 2.39 -1.45	27.70 2.31 -1.55	26.56 2.18 -1.94	22.54 1.65 -4.37	23.21 1.73 -4.52	26.51 2.09 -5.29	36.61 3.30 -5.83	37.90 3.25 -8.45	36.03 2.83 -6.02	29.67 2.04 -3.95	28.69 2.01 -1.22	27.61 1.87 -0.85	25.26 1.55 -2.25	25.71 1.50 -2.50	26.08 1.67 -2.39	29.15 2.03 -2.68	35.10 2.82 -4.12	42.38 3.43 -6.92	36.81 2.92 -5.79	32.89 2.50 -5.09	31.46 2.63 -3.06	28.58 2.27 -2.49	23.65 1.58 -4.36	23.06 1.61 -3.93
V_F_30_NSYNC___DSASP 323816	30.48 1.01 -4.35	29.40 0.91 -4.66	29.10 0.85 -5.81	30.25 0.63 -13.10	31.25 0.73 -13.57	35.86 0.86 -15.86	46.33 1.35 -17.50	52.84 1.28 -25.35	46.55 1.30 -18.07	36.58 1.04 -11.86	30.22 1.09 -3.66	28.44 1.00 -2.55	29.10 0.88 -6.76	30.12 0.91 -7.50	30.16 0.97 -7.18	33.54 1.07 -8.03	41.82 1.30 -12.35	54.35 1.57 -20.74	46.87 1.40 -17.37	41.75 1.19 -15.28	36.11 1.16 -9.18	32.29 1.00 -7.45	31.52 0.74 -13.06	30.01 0.68 -11.80
V_F_30_SYNC_DSASP 323786	29.75 0.35 -4.27	28.72 0.31 -4.57	28.42 0.27 -5.70	29.58 0.20 -12.86	30.51 0.24 -13.33	34.98 0.27 -15.57	45.11 0.44 -17.18	51.53 0.45 -24.89	45.43 0.52 -17.74	35.75 0.43 -11.64	29.54 0.48 -3.60	27.92 0.52 -2.51	28.57 0.47 -6.64	29.51 0.43 -7.36	29.53 0.46 -7.05	32.84 0.51 -7.88	40.89 0.59 -12.13	53.10 0.70 -20.36	45.77 0.62 -17.06	40.79 0.51 -15.00	35.35 0.57 -9.01	31.63 0.48 -7.32	30.84 0.30 -12.83	29.33 0.23 -11.59
V_XM_10_SYNC_DSASP 323789	24.01 -1.26 -0.14	22.58 -1.41 -0.15	20.99 -1.64 -0.18	15.61 -1.32 -0.41	15.80 -1.58 -0.43	17.91 -1.72 -0.50	25.51 -2.53 -0.55	25.11 -1.89 -0.80	25.74 -2.01 -0.57	22.06 -1.99 -0.37	23.54 -2.04 -0.12	22.58 -2.39 -0.08	19.65 -2.02 -0.21	19.97 -1.98 -0.24	20.06 -2.18 -0.23	22.03 -2.66 -0.25	25.01 -3.55 -0.39	11.06 -4.55 16.43	0.72 -4.04 23.32	0.89 -3.74 20.66	3.21 -3.50 19.06	1.59 -3.36 18.88	1.10 -2.71 13.91	1.15 -2.61 13.76
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.95 1.43 -3.39	28.81 1.33 -3.63	28.28 1.30 -4.53	27.70 0.96 -10.22	28.52 0.98 -10.59	32.54 1.03 -12.37	42.81 1.68 -13.65	47.60 1.62 -19.78	43.04 1.77 -14.09	34.49 1.56 -9.25	30.00 1.68 -2.86	28.50 1.62 -1.99	28.13 1.39 -5.27	29.00 1.43 -5.85	29.09 1.47 -5.60	32.39 1.69 -6.26	39.78 1.97 -9.64	50.55 2.34 -16.18	43.58 1.94 -13.55	39.00 1.80 -11.92	34.71 1.78 -7.16	31.17 1.53 -5.81	28.99 1.08 -10.19	27.74 1.02 -9.21
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.24 1.61 -3.50	29.07 1.48 -3.75	28.54 1.41 -4.68	28.10 1.02 -10.55	28.95 1.07 -10.93	33.04 1.13 -12.77	43.45 1.87 -14.09	48.48 1.86 -20.42	43.85 2.12 -14.55	35.10 1.87 -9.55	30.47 2.06 -2.95	28.96 2.02 -2.05	28.64 1.74 -5.44	29.53 1.78 -6.04	29.58 1.78 -5.78	32.89 1.98 -6.46	40.40 2.28 -9.95	51.37 2.63 -16.70	44.19 2.11 -13.99	39.59 2.00 -12.30	35.14 1.98 -7.39	31.55 1.72 -6.00	29.51 1.28 -10.52	28.23 1.21 -9.51
W50THST__13_KV_LOAD 356117	30.26 1.63 -3.50	29.09 1.50 -3.75	28.56 1.44 -4.68	28.11 1.04 -10.55	28.95 1.07 -10.93	33.04 1.13 -12.77	43.47 1.90 -14.09	48.50 1.89 -20.42	43.88 2.15 -14.55	35.12 1.89 -9.55	30.50 2.09 -2.95	28.99 2.04 -2.05	28.66 1.76 -5.44	29.55 1.80 -6.04	29.60 1.81 -5.78	32.91 2.00 -6.46	40.42 2.31 -9.95	51.37 2.63 -16.70	44.22 2.14 -13.99	39.59 2.00 -12.30	35.14 1.98 -7.39	31.55 1.72 -6.00	29.51 1.28 -10.52	28.23 1.21 -9.51
WADING RIVER_IC_1 23522	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.09 1.36 -21.22	39.08 1.39 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.94 2.38 -21.36	44.18 2.45 -14.55	40.86 2.04 -15.14	35.74 2.24 -8.04	34.87 2.16 -7.82	33.51 1.85 -10.21	33.94 1.91 -10.32	36.54 2.00 -12.53	38.92 2.42 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.88	41.48 2.29 -15.36	38.79 1.61 -19.46	37.04 1.54 -17.98
WADING RIVER_IC_2 23547	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.09 1.36 -21.22	39.08 1.39 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.94 2.38 -21.36	44.18 2.45 -14.55	40.86 2.04 -15.14	35.74 2.24 -8.04	34.87 2.16 -7.82	33.51 1.85 -10.21	33.94 1.91 -10.32	36.54 2.00 -12.53	38.92 2.42 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.88	41.48 2.29 -15.36	38.79 1.61 -19.46	37.04 1.54 -17.98
WADING RIVER_IC_3 23601	42.16 2.06 -14.97	41.43 1.91 -15.68	40.30 1.82 -16.04	39.09 1.36 -21.22	39.08 1.39 -20.74	41.84 1.53 -21.17	47.68 2.50 -17.69	49.94 2.38 -21.36	44.18 2.45 -14.55	40.86 2.04 -15.14	35.74 2.24 -8.04	34.87 2.16 -7.82	33.51 1.85 -10.21	33.94 1.91 -10.32	36.54 2.00 -12.53	38.92 2.42 -12.06	51.54 2.87 -20.49	78.34 3.33 -42.97	61.59 2.95 -30.55	46.36 2.76 -18.32	45.28 2.63 -16.88	41.48 2.29 -15.36	38.79 1.61 -19.46	37.04 1.54 -17.98
WALDENNY_12_KV_BK2 80841	25.49 -0.58 -0.94	24.39 -0.45 -1.01	23.34 -0.36 -1.26	19.19 -0.17 -2.83	19.80 -0.08 -2.94	22.34 -0.23 -3.43	30.72 -0.55 -3.79	30.91 -0.84 -5.55	30.13 -1.01 -3.95	25.54 -0.73 -2.60	25.50 -0.76 -0.80	24.95 -0.50 -0.56	22.45 -0.49 -1.48	22.81 -0.54 -1.64	23.19 -0.40 -1.57	25.78 -0.42 -1.76	30.39 -0.48 -2.70	35.78 -0.80 -4.54	31.39 -0.51 -3.80	28.18 -0.46 -3.34	27.29 -0.49 -2.01	25.01 -0.45 -1.63	20.41 -0.16 -2.86	20.23 0.16 -2.55
WALDEN___HYDRO 24148	29.87 1.31 -3.44	28.73 1.22 -3.68	28.20 1.17 -4.59	27.73 0.86 -10.35	28.56 0.88 -10.73	32.59 0.92 -12.53	42.82 1.51 -13.83	47.62 1.39 -20.03	42.95 1.49 -14.28	34.35 1.30 -9.37	29.70 1.35 -2.90	28.20 1.29 -2.02	27.92 1.12 -5.34	28.77 1.13 -5.93	28.88 1.19 -5.67	32.15 1.37 -6.34	39.59 1.66 -9.76	50.45 2.02 -16.39	43.54 1.71 -13.73	38.93 1.57 -12.07	34.59 1.57 -7.25	31.06 1.33 -5.89	28.98 0.94 -10.32	27.76 0.91 -9.33
WARRENSBURG____ 23737	30.29 0.80 -4.36	29.22 0.71 -4.67	28.92 0.65 -5.82	30.15 0.50 -13.13	31.21 0.64 -13.61	35.79 0.75 -15.90	46.33 1.29 -17.55	52.83 1.21 -25.42	46.49 1.19 -18.11	36.45 0.88 -11.89	30.05 0.92 -3.67	28.14 0.70 -2.56	28.88 0.64 -6.78	29.91 0.67 -7.52	29.94 0.73 -7.20	33.15 0.66 -8.05	41.37 0.82 -12.39	53.92 1.09 -20.80	46.55 1.04 -17.42	41.39 0.78 -15.32	35.67 0.70 -9.20	31.86 0.55 -7.47	31.38 0.57 -13.10	29.90 0.54 -11.84
WATERSIDE___6 8 9 23538	30.27 1.63 -3.51	29.12 1.53 -3.76	28.57 1.44 -4.68	28.14 1.06 -10.56	28.97 1.08 -10.94	32.98 1.07 -12.77	43.20 1.62 -14.10	48.22 1.60 -20.42	43.63 1.90 -14.55	34.98 1.75 -9.55	30.32 1.91 -2.95	28.81 1.87 -2.05	28.56 1.65 -5.45	29.42 1.67 -6.04	29.47 1.67 -5.78	32.74 1.83 -6.47	40.23 2.11 -9.95	51.08 2.34 -16.70	44.05 1.97 -13.99	39.46 1.87 -12.30	34.99 1.83 -7.39	31.46 1.62 -6.00	29.52 1.28 -10.53	28.26 1.23 -9.51

WATKINRD_115KV_LN8_ILLION 55919	25.76 0.53 -0.11	24.46 0.50 -0.12	23.04 0.45 -0.14	17.18 0.33 -0.33	17.63 0.34 -0.34	19.92 0.38 -0.40	28.50 0.58 -0.44	27.41 0.58 -0.63	28.18 0.54 -0.45	24.40 0.43 -0.30	26.03 0.48 -0.09	25.40 0.45 -0.06	21.99 0.36 -0.17	22.25 0.35 -0.19	22.55 0.35 -0.18	25.01 0.37 -0.20	28.93 0.45 -0.31	33.04 0.48 -0.52	28.89 0.37 -0.43	25.97 0.30 -0.38	26.36 0.36 -0.23	24.35 0.33 -0.19	18.27 0.23 -0.33	18.06 0.25 -0.29
WATSON___69_KV_BK 1 55734	42.39 2.29 -14.97	41.67 2.15 -15.68	40.51 2.02 -16.04	39.21 1.47 -21.22	39.22 1.53 -20.74	42.03 1.72 -21.17	47.95 2.78 -17.69	50.23 2.67 -21.36	44.53 2.80 -14.55	41.19 2.37 -15.14	36.07 2.57 -8.04	35.19 2.49 -7.82	33.79 2.12 -10.21	34.23 2.19 -10.32	36.83 2.29 -12.53	39.14 2.64 -12.06	51.73 3.07 -20.49	78.18 3.20 -42.94	60.95 2.39 -30.47	45.85 2.33 -18.24	45.28 2.65 -16.85	41.19 2.03 -15.34	38.95 1.77 -19.46	37.16 1.66 -17.98
WDELAWARE___HYD 323627	29.62 1.26 -3.24	28.48 1.17 -3.47	27.87 1.10 -4.33	27.11 0.83 -9.76	27.90 0.83 -10.11	31.80 0.84 -11.82	41.93 1.40 -13.04	46.35 1.26 -18.89	41.98 1.33 -13.46	33.63 1.11 -8.84	29.31 1.12 -2.73	27.81 1.02 -1.90	26.76 0.26 -5.04	27.58 0.28 -5.59	27.72 0.35 -5.35	30.89 0.46 -5.98	38.05 0.67 -9.21	48.49 0.99 -15.46	41.94 0.90 -12.95	37.48 0.81 -11.38	34.03 1.42 -6.84	30.60 1.21 -5.55	28.28 0.83 -9.74	27.12 0.81 -8.80
WEST BABYLON___IC 23714	42.26 2.16 -14.97	41.53 2.00 -15.68	40.37 1.89 -16.04	39.13 1.39 -21.22	39.12 1.42 -20.74	41.89 1.59 -21.17	47.73 2.56 -17.69	50.02 2.46 -21.36	44.37 2.64 -14.55	41.07 2.25 -15.14	35.94 2.44 -8.04	35.09 2.39 -7.82	33.70 2.04 -10.21	34.12 2.08 -10.32	36.72 2.18 -12.53	38.97 2.47 -12.06	51.48 2.82 -20.49	78.04 3.08 -42.92	61.06 2.53 -30.44	45.92 2.43 -18.21	45.14 2.53 -16.84	41.23 2.07 -15.33	38.84 1.67 -19.46	37.06 1.56 -17.98
WEST CANADA___HYD 24049	25.24 0.00 -0.11	23.96 0.00 -0.12	22.57 -0.02 -0.14	16.83 -0.02 -0.33	17.26 -0.03 -0.34	19.50 -0.04 -0.40	27.87 -0.05 -0.44	26.81 -0.03 -0.63	27.61 -0.03 -0.45	23.93 -0.05 -0.30	25.50 -0.05 -0.09	24.90 -0.05 -0.06	21.59 -0.04 -0.17	21.83 -0.06 -0.19	22.15 -0.04 -0.18	24.57 -0.07 -0.20	28.39 -0.08 -0.31	32.43 -0.13 -0.52	28.44 -0.08 -0.43	25.57 -0.10 -0.38	25.90 -0.10 -0.23	23.92 -0.09 -0.19	17.95 -0.09 -0.33	17.73 -0.09 -0.29
WESTERN_NY_WIND 24143	25.80 -0.20 -0.87	24.63 -0.14 -0.94	23.57 -0.04 -1.17	19.19 0.03 -2.64	19.78 0.10 -2.73	22.39 0.06 -3.19	31.01 0.00 -3.52	31.10 -0.31 -5.21	30.49 -0.41 -3.72	25.83 -0.28 -2.44	25.91 -0.31 -0.75	25.26 -0.15 -0.52	22.66 -0.19 -1.39	23.02 -0.24 -1.54	23.43 -0.07 -1.48	26.00 -0.10 -1.65	30.71 0.00 -2.54	36.24 -0.06 -4.27	31.89 0.22 -3.57	28.63 0.20 -3.14	27.66 0.00 -1.89	25.34 -0.02 -1.53	20.53 0.12 -2.69	20.31 0.42 -2.38
WESTOVER___LESR 323668	26.93 0.28 -1.52	25.78 0.31 -1.63	24.82 0.34 -2.04	21.38 0.26 -4.59	22.00 0.29 -4.76	25.02 0.33 -5.56	34.11 0.49 -6.14	35.54 0.45 -8.90	33.87 0.35 -6.34	28.15 0.31 -4.16	27.05 0.31 -1.29	26.11 0.32 -0.90	24.09 0.26 -2.37	24.60 0.26 -2.63	24.82 0.29 -2.52	27.65 0.39 -2.82	33.04 0.54 -4.33	39.92 0.61 -7.28	34.75 0.56 -6.10	31.15 0.51 -5.36	29.51 0.52 -3.22	26.88 0.43 -2.62	22.64 0.34 -4.58	22.04 0.39 -4.14
WETHRSFD_WT_PWR 323626	25.73 -0.43 -1.03	24.58 -0.36 -1.10	23.55 -0.27 -1.37	19.50 -0.11 -3.09	20.09 -0.07 -3.21	22.71 -0.17 -3.75	31.12 -0.49 -4.13	31.50 -0.73 -6.03	30.58 -0.90 -4.30	25.79 -0.71 -2.82	25.64 -0.69 -0.87	25.02 -0.47 -0.61	22.59 -0.47 -1.61	23.00 -0.50 -1.78	23.35 -0.37 -1.71	25.96 -0.39 -1.91	30.65 -0.45 -2.94	36.20 -0.77 -4.93	31.75 -0.48 -4.13	28.54 -0.38 -3.63	27.46 -0.49 -2.18	25.18 -0.43 -1.77	20.64 -0.18 -3.11	20.36 0.05 -2.79
WHAVSTOR_138KV_BK127 55557	29.80 1.28 -3.40	28.69 1.22 -3.64	28.15 1.17 -4.54	27.62 0.86 -10.23	28.44 0.88 -10.60	32.47 0.94 -12.39	42.67 1.51 -13.67	47.47 1.47 -19.81	42.93 1.63 -14.11	34.39 1.44 -9.26	29.90 1.58 -2.86	28.40 1.52 -1.99	28.05 1.31 -5.28	28.92 1.35 -5.86	29.01 1.39 -5.61	32.28 1.56 -6.27	39.62 1.80 -9.65	50.36 2.11 -16.20	43.41 1.74 -13.57	38.84 1.62 -11.94	34.56 1.62 -7.17	31.04 1.38 -5.82	28.91 0.99 -10.21	27.67 0.93 -9.22
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.80 1.28 -3.40	28.69 1.22 -3.64	28.15 1.17 -4.54	27.62 0.86 -10.23	28.44 0.88 -10.60	32.47 0.94 -12.39	42.67 1.51 -13.67	47.47 1.47 -19.81	42.93 1.63 -14.11	34.39 1.44 -9.26	29.90 1.58 -2.86	28.40 1.52 -1.99	28.05 1.31 -5.28	28.92 1.35 -5.86	29.01 1.39 -5.61	32.28 1.56 -6.27	39.62 1.80 -9.65	50.36 2.11 -16.20	43.41 1.74 -13.57	38.84 1.62 -11.94	34.56 1.62 -7.17	31.04 1.38 -5.82	28.91 0.99 -10.21	27.67 0.93 -9.22
WHITEHAL_115KV_TB1 80871	30.91 1.43 -4.35	29.76 1.26 -4.66	29.40 1.14 -5.81	30.50 0.86 -13.12	31.63 1.08 -13.59	36.30 1.28 -15.88	47.15 2.14 -17.53	53.63 2.04 -25.39	47.28 2.01 -18.09	37.04 1.49 -11.87	30.68 1.55 -3.67	28.74 1.29 -2.56	29.41 1.18 -6.77	30.44 1.22 -7.51	30.50 1.30 -7.19	33.87 1.39 -8.04	42.26 1.72 -12.37	55.05 2.24 -20.77	47.57 2.08 -17.40	42.23 1.64 -15.30	36.51 1.55 -9.19	32.54 1.24 -7.46	31.81 1.01 -13.08	30.72 1.38 -11.82
WHITEPLN_13_KV_LOAD 356215	30.23 1.61 -3.50	29.06 1.48 -3.74	28.53 1.41 -4.67	28.10 1.04 -10.54	28.92 1.05 -10.92	33.08 1.19 -12.76	43.51 1.95 -14.08	48.56 1.96 -20.39	43.86 2.15 -14.53	35.14 1.92 -9.54	30.49 2.09 -2.95	28.98 2.04 -2.05	28.66 1.76 -5.44	29.53 1.78 -6.03	29.62 1.83 -5.78	32.90 2.00 -6.46	40.39 2.28 -9.94	51.38 2.66 -16.68	44.12 2.05 -13.98	39.47 1.90 -12.29	35.19 2.04 -7.38	31.54 1.72 -6.00	29.46 1.24 -10.51	28.17 1.16 -9.50
WM_FLOYD_69_KV_BK2 356380	42.14 2.04 -14.97	41.41 1.88 -15.68	40.28 1.80 -16.04	39.06 1.32 -21.22	39.07 1.37 -20.74	41.82 1.51 -21.17	47.65 2.47 -17.69	49.89 2.33 -21.36	44.15 2.42 -14.55	40.81 1.99 -15.14	35.71 2.21 -8.04	34.82 2.12 -7.82	33.47 1.80 -10.21	33.90 1.87 -10.32	36.50 1.96 -12.53	38.87 2.37 -12.06	51.51 2.84 -20.49	78.30 3.30 -42.96	61.51 2.87 -30.55	46.31 2.71 -18.32	45.23 2.58 -16.88	41.46 2.26 -15.36	38.77 1.59 -19.46	36.95 1.45 -17.98
WOODARD___115KV_TB2 355635	25.65 -0.15 -0.68	24.45 -0.12 -0.73	23.26 -0.09 -0.91	18.50 -0.07 -2.05	19.02 -0.05 -2.12	21.58 -0.04 -2.48	30.13 -0.08 -2.73	30.08 -0.08 -3.96	29.89 -0.11 -2.82	25.43 -0.09 -1.85	25.90 -0.13 -0.57	25.19 -0.10 -0.40	22.43 -0.09 -1.05	22.79 -0.09 -1.17	23.02 -0.11 -1.12	25.60 -0.10 -1.25	29.98 -0.11 -1.93	34.87 -0.06 -2.90	30.28 -0.08 -2.27	27.22 -0.05 -1.99	26.77 -0.05 -1.05	24.60 -0.02 -0.79	19.49 0.02 -1.76	19.12 0.04 -1.57
YORK___WARBASSE 23770	30.47 1.83 -3.51	29.31 1.72 -3.76	28.75 1.62 -4.68	28.25 1.17 -10.56	29.09 1.20 -10.94	33.10 1.19 -12.77	43.26 1.68 -14.10	48.27 1.65 -20.42	43.69 1.96 -14.55	35.05 1.82 -9.55	30.39 1.99 -2.95	28.89 1.94 -2.05	28.62 1.72 -5.45	29.49 1.74 -6.04	29.51 1.72 -5.78	32.81 1.91 -6.47	40.37 2.25 -9.95	51.24 2.50 -16.70	44.19 2.11 -13.99	39.61 2.02 -12.30	35.12 1.96 -7.39	31.60 1.76 -6.00	29.63 1.38 -10.53	28.36 1.33 -9.51