

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/13/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	26.02	24.38	23.12	21.86	21.56	20.97	20.42	21.66	22.76	24.94	25.73	27.26	29.56	31.12	34.06	34.15	49.28	49.94	48.47	43.61	35.54	32.89	28.98	26.36
24138	1.72	1.67	1.58	1.38	1.31	1.43	1.34	1.52	1.73	1.84	1.71	1.87	2.05	2.06	2.07	2.13	2.18	2.61	2.60	2.65	2.52	2.55	2.03	1.86
	-3.39	-1.79	-1.48	-2.15	-2.51	-0.19	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.52	-3.31	-1.66	-5.18	-3.10
74TH STREET_GT_1	26.08	24.44	23.18	21.91	21.61	21.03	20.45	21.72	22.80	24.96	25.77	27.36	29.60	31.23	34.19	34.17	49.30	50.00	48.52	43.67	35.57	33.04	29.05	26.44
24260	1.78	1.74	1.64	1.43	1.37	1.49	1.38	1.58	1.78	1.86	1.75	1.97	2.10	2.16	2.20	2.15	2.20	2.67	2.66	2.70	2.55	2.70	2.09	1.95
	-3.39	-1.79	-1.48	-2.15	-2.51	-0.19	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.52	-3.31	-1.66	-5.18	-3.10
74TH STREET_GT_2	26.08	24.44	23.18	21.91	21.61	21.03	20.45	21.72	22.80	24.96	25.77	27.36	29.60	31.23	34.19	34.17	49.30	50.00	48.52	43.67	35.57	33.04	29.05	26.44
24261	1.78	1.74	1.64	1.43	1.37	1.49	1.38	1.58	1.78	1.86	1.75	1.97	2.10	2.16	2.20	2.15	2.20	2.67	2.66	2.70	2.55	2.70	2.09	1.95
	-3.39	-1.79	-1.48	-2.15	-2.51	-0.19	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.52	-3.31	-1.66	-5.18	-3.10
ADK HUDSON___FALLS	26.64	24.49	23.09	22.15	22.07	20.65	20.32	21.57	22.33	25.05	26.35	28.13	30.85	32.94	36.03	36.58	53.76	53.87	52.88	47.10	36.49	33.01	30.16	26.87
24011	1.21	1.19	1.06	0.95	0.99	1.05	1.01	0.98	1.18	1.21	1.14	1.15	1.17	1.20	1.22	1.28	1.44	1.83	1.88	1.99	2.38	2.12	1.48	1.35
	-4.51	-2.38	-1.97	-2.87	-3.34	-0.25	-0.94	-1.84	-0.51	-2.97	-4.81	-6.41	-8.72	-10.77	-13.47	-13.15	-30.52	-25.09	-23.29	-16.67	-4.41	-2.21	-6.89	-4.13
ADK RESOURCE___RCVRY	26.75	24.60	23.17	22.23	22.16	20.75	20.41	21.67	22.43	25.16	26.46	28.22	30.97	33.10	36.11	36.70	53.93	54.09	53.10	47.32	36.73	33.27	30.29	26.98
23798	1.32	1.30	1.14	1.03	1.08	1.14	1.10	1.07	1.28	1.32	1.24	1.23	1.28	1.34	1.28	1.40	1.57	2.02	2.08	2.19	2.61	2.38	1.61	1.46
	-4.52	-2.39	-1.97	-2.87	-3.34	-0.25	-0.94	-1.84	-0.51	-2.97	-4.81	-6.41	-8.73	-10.78	-13.48	-13.16	-30.56	-25.13	-23.31	-16.68	-4.41	-2.21	-6.90	-4.13
ADK S GLENS___FALLS	26.64	24.49	23.09	22.15	22.07	20.65	20.32	21.57	22.33	25.05	26.35	28.13	30.85	32.94	36.03	36.58	53.76	53.87	52.88	47.10	36.49	33.01	30.16	26.87
24028	1.21	1.19	1.06	0.95	0.99	1.05	1.01	0.98	1.18	1.21	1.14	1.15	1.17	1.20	1.22	1.28	1.44	1.83	1.88	1.99	2.38	2.12	1.48	1.35
	-4.51	-2.38	-1.97	-2.87	-3.34	-0.25	-0.94	-1.84	-0.51	-2.97	-4.81	-6.41	-8.72	-10.77	-13.47	-13.15	-30.52	-25.09	-23.29	-16.67	-4.41	-2.21	-6.89	-4.13
ADK_NYS___DAM	26.39	24.35	23.02	22.09	21.90	20.66	20.26	21.50	22.29	24.85	26.13	27.89	30.56	32.54	35.12	36.11	50.74	51.55	51.22	46.10	35.78	32.55	29.72	26.70
23527	1.15	1.15	1.08	1.01	0.96	1.06	0.99	0.97	1.16	1.13	1.12	1.17	1.24	1.24	1.22	1.35	1.29	1.59	1.63	1.68	1.84	1.75	1.33	1.35
	-4.33	-2.29	-1.89	-2.75	-3.20	-0.24	-0.90	-1.76	-0.49	-2.85	-4.61	-6.15	-8.37	-10.33	-12.55	-12.61	-27.65	-23.01	-21.88	-15.98	-4.23	-2.12	-6.61	-3.96
AIR_PRODUCTS___DRP	25.74	23.69	22.41	21.52	21.36	20.04	19.72	20.94	21.63	24.24	25.57	27.36	30.01	32.01	35.02	35.53	52.04	52.06	51.02	45.36	34.87	31.70	29.08	25.97
24190	0.48	0.48	0.46	0.42	0.41	0.45	0.44	0.41	0.50	0.50	0.53	0.62	0.65	0.65	0.66	0.71	0.68	0.84	0.83	0.85	0.92	0.89	0.65	0.60
	-4.35	-2.30	-1.90	-2.76	-3.22	-0.24	-0.90	-1.77	-0.49	-2.86	-4.63	-6.18	-8.40	-10.38	-13.01	-12.67	-29.56	-24.28	-22.48	-16.06	-4.25	-2.13	-6.64	-3.98
AKWESSNE_115KV_BK	20.47	20.47	19.65	18.04	17.43	19.04	18.08	18.48	20.29	20.48	20.04	20.20	20.43	20.39	20.73	21.51	21.24	26.30	27.13	27.82	29.05	27.97	21.24	20.82
355683	-0.44	-0.44	-0.40	-0.29	-0.30	-0.31	-0.29	-0.28	-0.35	-0.40	-0.37	-0.37	-0.52	-0.59	-0.62	-0.64	-0.57	-0.65	-0.58	-0.63	-0.65	-0.72	-0.54	-0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	25.74	23.69	22.41	21.52	21.36	20.04	19.72	20.94	21.63	24.24	25.57	27.36	30.01	32.01	35.02	35.53	52.04	52.06	51.02	45.36	34.87	31.70	29.08	25.97
23571	0.48	0.48	0.46	0.42	0.41	0.45	0.44	0.41	0.50	0.50	0.53	0.62	0.65	0.65	0.66	0.71	0.68	0.84	0.83	0.85	0.92	0.89	0.65	0.60
	-4.35	-2.30	-1.90	-2.76	-3.22	-0.24	-0.90	-1.77	-0.49	-2.86	-4.63	-6.18	-8.40	-10.38	-13.01	-12.67	-29.56	-24.28	-22.48	-16.06	-4.25	-2.13	-6.64	-3.98
ALBANY___2	25.74	23.69	22.41	21.52	21.36	20.04	19.72	20.94	21.63	24.24	25.57	27.36	30.01	32.01	35.02	35.53	52.04	52.06	51.02	45.36	34.87	31.70	29.08	25.97
23572	0.48	0.48	0.46	0.42	0.41	0.45	0.44	0.41	0.50	0.50	0.53	0.62	0.65	0.65	0.66	0.71	0.68	0.84	0.83	0.85	0.92	0.89	0.65	0.60
	-4.35	-2.30	-1.90	-2.76	-3.22	-0.24	-0.90	-1.77	-0.49	-2.86	-4.63	-6.18	-8.40	-10.38	-13.01	-12.67	-29.56	-24.28	-22.48	-16.06	-4.25	-2.13	-6.64	-3.98
ALBANY___3	25.74	23.69	22.41	21.52	21.36	20.04	19.72	20.94	21.63	24.24	25.57	27.36	30.01	32.01	35.02	35.53	52.04	52.06	51.02	45.36	34.87	31.70	29.08	25.97
23573	0.48	0.48	0.46	0.42	0.41	0.45	0.44	0.41	0.50	0.50	0.53	0.62	0.65	0.65	0.66	0.71	0.68	0.84	0.83	0.85	0.92	0.89	0.65	0.60
	-4.35	-2.30	-1.90	-2.76	-3.22	-0.24	-0.90	-1.77	-0.49	-2.86	-4.63	-6.18	-8.40	-10.38	-13.01	-12.67	-29.56	-24.28	-22.48	-16.06	-4.25	-2.13	-6.64	-3.98

ALBANY___4 23574	25.74 0.48 -4.35	23.69 0.48 -2.30	22.41 0.46 -1.90	21.52 0.42 -2.76	21.36 0.41 -3.22	20.04 0.45 -0.24	19.72 0.44 -0.90	20.94 0.41 -1.77	21.63 0.50 -0.49	24.24 0.50 -2.86	25.57 0.53 -4.63	27.36 0.62 -6.18	30.01 0.65 -8.40	32.01 0.65 -10.38	35.02 0.66 -13.01	35.53 0.71 -12.67	52.04 0.68 -29.56	52.06 0.84 -24.28	51.02 0.83 -22.48	45.36 0.85 -16.06	34.87 0.92 -4.25	31.70 0.89 -2.13	29.08 0.65 -6.64	25.97 0.60 -3.98
ALBANY___LFGE 323615	26.02 0.71 -4.39	23.92 0.69 -2.32	22.63 0.66 -1.92	21.73 0.60 -2.79	21.57 0.58 -3.25	20.24 0.64 -0.25	19.91 0.62 -0.91	21.15 0.60 -1.79	21.84 0.70 -0.50	24.50 0.73 -2.89	25.84 0.76 -4.68	27.64 0.82 -6.24	30.33 0.88 -8.49	32.37 0.90 -10.49	35.36 0.88 -13.13	35.90 0.95 -12.80	52.53 0.94 -29.79	52.59 1.16 -24.48	51.57 1.16 -22.70	45.87 1.19 -16.23	35.27 1.28 -4.29	32.06 1.23 -2.15	29.39 0.89 -6.71	26.25 0.83 -4.02
ALCOA_PA_115KV_PL-6C 55860	20.49 -0.42 0.00	20.52 -0.40 0.00	19.67 -0.38 0.00	18.13 -0.20 0.00	17.50 -0.23 0.00	19.12 -0.23 0.00	18.15 -0.22 0.00	18.55 -0.21 0.00	20.31 -0.33 0.00	20.50 -0.38 0.00	20.04 -0.37 0.00	20.20 -0.37 0.00	20.41 -0.54 0.00	20.39 -0.59 0.00	20.71 -0.64 0.00	21.49 -0.66 0.00	21.24 -0.57 0.00	26.30 -0.65 0.00	27.16 -0.55 0.00	27.85 -0.60 0.00	29.08 -0.62 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.82 -0.58 0.00
ALCOA_RYNLDS___DRP 24188	20.49 -0.42 0.00	20.52 -0.40 0.00	19.67 -0.38 0.00	18.13 -0.20 0.00	17.50 -0.23 0.00	19.12 -0.23 0.00	18.15 -0.22 0.00	18.55 -0.21 0.00	20.31 -0.33 0.00	20.50 -0.38 0.00	20.04 -0.37 0.00	20.20 -0.37 0.00	20.41 -0.54 0.00	20.39 -0.59 0.00	20.71 -0.64 0.00	21.49 -0.66 0.00	21.24 -0.57 0.00	26.30 -0.65 0.00	27.16 -0.55 0.00	27.85 -0.60 0.00	29.08 -0.62 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.82 -0.58 0.00
ALCOA___DSASP 323711	20.50 -0.42 0.00	20.52 -0.40 0.00	19.67 -0.38 0.00	18.13 -0.20 0.00	17.50 -0.23 0.00	19.12 -0.23 0.00	18.15 -0.22 0.00	18.55 -0.21 0.00	20.31 -0.33 0.00	20.47 -0.40 0.00	20.04 -0.37 0.00	20.20 -0.37 0.00	20.41 -0.54 0.00	20.41 -0.57 0.00	20.86 -0.49 0.00	21.49 -0.66 0.00	21.24 -0.57 0.00	26.30 -0.65 0.00	27.16 -0.55 0.00	27.85 -0.60 0.00	29.08 -0.63 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.82 -0.58 0.00
ALLEGHENY___COGEN 23514	22.28 0.81 -0.55	22.04 0.84 -0.29	20.77 0.48 -0.24	19.04 0.37 -0.35	18.62 0.48 -0.41	19.83 0.45 -0.03	18.76 0.28 -0.11	18.85 -0.13 -0.22	20.06 -0.64 -0.06	20.40 -0.84 -0.36	20.01 -0.98 -0.58	20.32 -1.03 -0.78	21.36 -0.65 -1.06	21.76 -0.52 -1.31	22.27 -0.75 -1.67	23.46 -0.29 -1.59	25.47 -0.22 -3.88	30.27 0.16 -3.16	31.09 0.50 -2.88	31.49 1.02 -2.02	31.54 1.31 -0.53	30.36 1.41 -0.27	23.55 0.94 -0.84	23.07 1.18 -0.50
ALTAMONT_115KV_TB 2 55880	26.04 0.77 -4.35	23.98 0.77 -2.30	22.67 0.72 -1.90	21.75 0.66 -2.76	21.57 0.62 -3.22	20.29 0.70 -0.24	19.94 0.66 -0.90	21.19 0.66 -1.77	21.90 0.76 -0.49	24.51 0.77 -2.86	25.79 0.75 -4.63	27.59 0.84 -6.18	30.24 0.88 -8.40	32.26 0.90 -10.38	35.36 0.92 -13.10	35.77 0.95 -12.67	52.68 0.94 -29.94	52.63 1.16 -24.53	51.46 1.16 -22.59	45.73 1.22 -16.06	35.26 1.31 -4.25	32.07 1.26 -2.13	29.36 0.94 -6.64	26.27 0.90 -3.98
ALTONA_WT_PWR 323606	20.52 -0.40 0.00	20.54 -0.38 0.00	19.65 -0.40 0.00	18.02 -0.31 0.00	17.47 -0.27 0.00	19.00 -0.35 0.00	18.08 -0.29 0.00	18.50 -0.26 0.00	20.33 -0.31 0.00	20.47 -0.40 0.00	20.00 -0.41 0.00	20.12 -0.45 0.00	20.20 -0.75 0.00	20.05 -0.92 0.00	20.41 -0.94 0.00	21.02 -1.13 0.00	20.93 -0.87 0.00	26.14 -0.81 0.00	27.18 -0.53 0.00	27.88 -0.57 0.00	29.14 -0.57 0.00	27.79 -0.89 0.00	21.15 -0.63 0.00	20.67 -0.73 0.00
AMERICAN_REF_FUEL 24010	20.88 -0.52 -0.49	20.63 -0.54 -0.26	19.53 -0.74 -0.22	17.85 -0.79 -0.31	17.36 -0.74 -0.37	18.47 -0.91 -0.03	17.52 -0.96 -0.10	17.85 -1.11 -0.20	19.25 -1.45 -0.06	19.78 -1.42 -0.33	19.50 -1.43 -0.53	19.83 -1.44 -0.70	20.99 -0.92 -0.95	21.36 -0.80 -1.18	21.53 -1.32 -1.51	22.81 -0.78 -1.44	24.39 -0.91 -3.50	28.58 -1.21 -2.85	28.70 -1.61 -2.59	28.73 -1.54 -1.82	28.70 -1.48 -0.48	27.81 -1.12 -0.24	21.64 -0.89 -0.75	21.57 -0.28 -0.45
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.70 0.23 -0.55	21.41 0.21 -0.29	20.25 -0.04 -0.24	18.50 -0.18 -0.35	18.07 -0.07 -0.41	19.29 -0.10 -0.03	18.21 -0.28 -0.12	18.68 -0.30 -0.23	20.13 -0.58 -0.06	20.67 -0.56 -0.36	20.36 -0.63 -0.59	20.72 -0.64 -0.79	21.82 -0.21 -1.07	22.15 -0.15 -1.32	22.42 -0.62 -1.69	23.79 0.02 -1.61	25.60 -0.13 -3.93	29.98 -0.16 -3.20	30.21 -0.41 -2.91	30.23 -0.26 -2.05	30.13 -0.12 -0.54	29.16 0.20 -0.27	22.76 0.13 -0.85	22.57 0.66 -0.51
ARTHUR_KILL_GT_1 23520	26.11 1.80 -3.40	24.51 1.80 -1.80	23.24 1.70 -1.49	21.98 1.48 -2.16	21.69 1.44 -2.52	21.06 1.51 -0.20	20.33 1.25 -0.70	21.57 1.43 -1.38	22.56 1.55 -0.37	24.77 1.67 -2.22	25.58 1.57 -3.60	27.15 1.77 -4.81	52.35 1.97 -29.43	31.06 1.99 -8.09	33.98 1.96 -10.67	34.04 2.02 -9.87	49.19 2.07 -25.32	49.87 2.53 -20.40	48.35 2.47 -18.17	43.49 2.53 -12.52	35.42 2.40 -3.31	32.85 2.49 -1.67	29.03 2.05 -5.20	26.47 1.97 -3.11
ARTHUR_KILL_2 23512	26.04 1.73 -3.40	24.45 1.73 -1.80	23.18 1.64 -1.49	21.92 1.43 -2.16	21.65 1.40 -2.52	21.00 1.45 -0.20	20.29 1.21 -0.70	21.51 1.37 -1.38	22.50 1.49 -0.37	24.70 1.61 -2.22	25.51 1.51 -3.60	27.09 1.71 -4.81	52.29 1.91 -29.43	30.97 1.91 -8.09	33.92 1.90 -10.67	33.97 1.95 -9.87	49.10 1.98 -25.32	49.74 2.40 -20.40	48.24 2.35 -18.17	43.38 2.42 -12.52	35.30 2.29 -3.31	32.77 2.41 -1.67	28.94 1.96 -5.20	26.41 1.90 -3.11
ARTHUR_KILL_3 23513	25.87 1.57 -3.39	24.23 1.53 -1.79	22.96 1.42 -1.48	21.71 1.23 -2.15	21.41 1.17 -2.51	20.82 1.28 -0.19	20.27 1.19 -0.70	21.53 1.39 -1.38	22.61 1.59 -0.38	24.77 1.67 -2.23	25.58 1.57 -3.61	27.11 1.73 -4.81	52.28 1.91 -29.42	30.97 1.91 -8.09	33.93 1.92 -10.66	33.97 1.95 -9.87	49.08 1.96 -25.31	49.71 2.37 -20.39	48.23 2.35 -18.17	43.35 2.39 -12.52	35.30 2.29 -3.31	32.70 2.35 -1.66	28.85 1.87 -5.19	26.21 1.71 -3.10
ARTHUR_KILL_COGEN 323718	26.11 1.80 -3.40	24.51 1.80 -1.80	23.24 1.70 -1.49	21.98 1.48 -2.16	21.69 1.44 -2.52	21.06 1.51 -0.20	20.33 1.25 -0.70	21.57 1.43 -1.38	22.56 1.55 -0.37	24.77 1.67 -2.22	25.58 1.57 -3.60	27.15 1.77 -4.81	52.35 1.97 -29.43	31.06 1.99 -8.09	33.98 1.96 -10.67	34.04 2.02 -9.87	49.19 2.07 -25.32	49.87 2.53 -20.40	48.35 2.47 -18.17	43.49 2.53 -12.52	35.42 2.40 -3.31	32.85 2.49 -1.67	29.03 2.05 -5.20	26.47 1.97 -3.11
ASHOKAN____ 23654	25.27 0.52 -3.84	23.40 0.46 -2.03	22.15 0.42 -1.67	21.12 0.35 -2.44	20.84 0.27 -2.84	20.34 0.77 -0.22	19.50 0.33 -0.80	20.68 0.36 -1.56	21.67 0.60 -0.43	23.86 0.46 -2.53	24.94 0.45 -4.09	26.54 0.51 -5.45	29.00 0.63 -7.42	30.83 0.69 -9.16	33.79 0.70 -11.74	34.15 0.82 -11.18	49.95 0.92 -27.23	50.33 1.21 -22.17	49.26 1.39 -20.16	44.13 1.51 -14.17	34.88 1.43 -3.75	31.94 1.38 -1.88	28.54 0.89 -5.86	25.59 0.68 -3.51

ASTORIA_EAST_ENERGY_CC1 323581	26.09 1.78 -3.40	24.47 1.76 -1.80	23.20 1.66 -1.49	21.92 1.43 -2.16	21.64 1.38 -2.52	21.10 1.55 -0.20	20.36 1.29 -0.70	21.62 1.48 -1.38	22.59 1.57 -0.38	24.79 1.69 -2.23	25.58 1.57 -3.61	27.17 1.79 -4.81	29.48 1.97 -6.55	31.04 1.97 -8.09	33.94 1.94 -10.65	33.99 1.97 -9.87	49.21 2.11 -25.29	49.86 2.53 -20.39	48.27 2.41 -18.15	43.31 2.36 -12.51	35.24 2.23 -3.31	32.89 2.55 -1.66	29.10 2.14 -5.18	26.49 1.99 -3.11
ASTORIA_EAST_ENERGY_CC2 323582	26.09 1.78 -3.40	24.47 1.76 -1.80	23.20 1.66 -1.49	21.92 1.43 -2.16	21.64 1.38 -2.52	21.10 1.55 -0.20	20.36 1.29 -0.70	21.62 1.48 -1.38	22.59 1.57 -0.38	24.79 1.69 -2.23	25.58 1.57 -3.61	27.17 1.79 -4.81	29.48 1.97 -6.55	31.04 1.97 -8.09	33.94 1.94 -10.65	33.99 1.97 -9.87	49.21 2.11 -25.29	49.86 2.53 -20.39	48.27 2.41 -18.15	43.31 2.36 -12.51	35.24 2.23 -3.31	32.89 2.55 -1.66	29.10 2.14 -5.18	26.49 1.99 -3.11
ASTORIA_GT2_1 24094	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.61 1.59 -0.38	24.81 1.71 -2.23	25.60 1.59 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.14 2.08 -8.09	34.09 2.09 -10.65	33.93 1.90 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.32 2.36 -12.52	35.24 2.23 -3.31	33.01 2.67 -1.66	29.10 2.13 -5.18	26.49 1.99 -3.11
ASTORIA_GT2_2 24095	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.61 1.59 -0.38	24.81 1.71 -2.23	25.60 1.59 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.14 2.08 -8.09	34.09 2.09 -10.65	33.93 1.90 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.32 2.36 -12.52	35.24 2.23 -3.31	33.01 2.67 -1.66	29.10 2.13 -5.18	26.49 1.99 -3.11
ASTORIA_GT2_3 24096	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.61 1.59 -0.38	24.81 1.71 -2.23	25.60 1.59 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.14 2.08 -8.09	34.09 2.09 -10.65	33.93 1.90 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.32 2.36 -12.52	35.24 2.23 -3.31	33.01 2.67 -1.66	29.10 2.13 -5.18	26.49 1.99 -3.11
ASTORIA_GT2_4 24097	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.61 1.59 -0.38	24.81 1.71 -2.23	25.60 1.59 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.14 2.08 -8.09	34.09 2.09 -10.65	33.93 1.90 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.32 2.36 -12.52	35.24 2.23 -3.31	33.01 2.67 -1.66	29.10 2.13 -5.18	26.49 1.99 -3.11
ASTORIA_GT3_1 24098	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.61 1.59 -0.38	24.81 1.71 -2.23	25.60 1.59 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.14 2.08 -8.09	34.09 2.09 -10.65	33.93 1.90 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.32 2.36 -12.52	35.24 2.23 -3.31	33.01 2.67 -1.66	29.10 2.13 -5.18	26.49 1.99 -3.11
ASTORIA_GT3_2 24099	26.11 1.80 																							

ASTORIA_GT_10 24110	26.02 1.71 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.62 1.61 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.04 2.05 -10.65	33.97 1.95 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.89 2.55 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
ASTORIA_GT_11 24225	26.02 1.71 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.62 1.61 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.04 2.05 -10.65	33.97 1.95 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.89 2.55 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
ASTORIA_GT_12 24226	26.02 1.71 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.62 1.61 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.04 2.05 -10.65	33.97 1.95 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.89 2.55 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
ASTORIA_GT_13 24227	26.02 1.71 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.62 1.61 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.04 2.05 -10.65	33.97 1.95 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.89 2.55 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
ASTORIA_GT_5 24106	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.96 1.47 -2.16	21.67 1.42 -2.52	21.14 1.59 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.64 1.61 -0.38	24.86 1.75 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	29.54 2.03 -6.55	31.10 2.03 -8.09	33.98 1.99 -10.65	34.06 2.04 -9.87	49.28 2.18 -25.29	49.94 2.61 -20.39	48.36 2.50 -18.15	43.40 2.45 -12.51	35.33 2.32 -3.31	32.95 2.61 -1.66	29.14 2.18 -5.18	26.54 2.03 -3.11
ASTORIA_GT_7 24107	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.96 1.47 -2.16	21.67 1.42 -2.52	21.14 1.59 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.64 1.61 -0.38	24.86 1.75 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	29.54 2.03 -6.55	31.10 2.03 -8.09	33.98 1.99 -10.65	34.06 2.04 -9.87	49.28 2.18 -25.29	49.94 2.61 -20.39	48.36 2.50 -18.15	43.40 2.45 -12.51	35.33 2.32 -3.31	32.95 2.61 -1.66	29.14 2.18 -5.18	26.54 2.03 -3.11
ASTORIA_GT_8 24108	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.96 1.47 -2.16	21.67 1.42 -2.52	21.13 1.59 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.63 1.61 -0.38	24.86 1.75 -2.23	25.65 1.63 -3.61	27.28 1.89 -4.81	29.54 2.03 -6.55	31.18 2.12 -8.09	34.13 2.13 -10.65	33.97 1.95 -9.87	49.23 2.14 -25.29	49.92 2.59 -20.39	48.30 2.44 -18.15	43.41 2.45 -12.52	35.30 2.29 -3.31	33.06 2.72 -1.66	29.14 2.18 -5.18	26.54 2.03 -3.11
ASTORIA___2 24149	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.61 1.59 -0.38	24.81 1.71 -2.23	25.61 1.59 -3.61	27.17 1.79 -4.81	29.50 1.99 -6.55	31.06 1.99 -8.09	33.94 1.94 -10.65	34.02 1.99 -9.87	49.21 2.11 -25.29	49.89 2.56 -20.39	48.27 2.41 -18.15	43.34 2.39 -12.51	35.27 2.26 -3.31	32.89 2.55 -1.66	29.10 2.14 -5.18	26.49 1.99 -3.11
ASTORIA___3 23516	26.02 1.72 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	21.00 1.45 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.17 1.79 -4.81	29.50 1.99 -6.55	31.06 1.99 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.22 2.35 -18.15	43.38 2.42 -12.52	35.33 2.32 -3.31	32.81 2.47 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
ASTORIA___4 23517	26.02 1.71 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.62 1.61 -3.61	27.23 1.85 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.04 2.05 -10.65	33.97 1.95 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.89 2.55 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
ASTORIA___5 23518	26.02 1.72 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	21.00 1.45 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.17 1.79 -4.81	29.50 1.99 -6.55	31.06 1.99 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.22 2.35 -18.15	43.38 2.42 -12.52	35.33 2.32 -3.31	32.81 2.47 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
AST_ENERGY_2_CC3 323677	25.89 1.59 -3.39	24.27 1.57 -1.79	23.02 1.48 -1.48	21.77 1.28 -2.15	21.47 1.22 -2.51	20.88 1.33 -0.19	20.31 1.23 -0.70	21.57 1.43 -1.38	22.64 1.61 -0.38	24.81 1.71 -2.23	25.61 1.59 -3.61	27.13 1.75 -4.81	29.41 1.91 -6.55	30.97 1.91 -8.09	33.91 1.92 -10.65	33.99 1.97 -9.87	49.10 2.00 -25.29	49.73 2.40 -20.39	48.25 2.38 -18.15	43.41 2.45 -12.52	35.33 2.32 -3.31	32.72 2.38 -1.66	28.85 1.89 -5.18	26.25 1.75 -3.10
AST_ENERGY_2_CC4 323678	25.89 1.59 -3.39	24.27 1.57 -1.79	23.02 1.48 -1.48	21.77 1.28 -2.15	21.47 1.22 -2.51	20.88 1.33 -0.19	20.31 1.23 -0.70	21.57 1.43 -1.38	22.64 1.61 -0.38	24.81 1.71 -2.23	25.61 1.59 -3.61	27.13 1.75 -4.81	29.41 1.91 -6.55	30.97 1.91 -8.09	33.91 1.92 -10.65	33.99 1.97 -9.87	49.10 2.00 -25.29	49.73 2.40 -20.39	48.25 2.38 -18.15	43.41 2.45 -12.52	35.33 2.32 -3.31	32.72 2.38 -1.66	28.85 1.89 -5.18	26.25 1.75 -3.10
ATHENS_STG_1 23668	25.70 0.96 -3.83	23.90 0.96 -2.02	22.63 0.90 -1.67	21.57 0.81 -2.43	21.33 0.76 -2.83	20.40 0.83 -0.21	19.96 0.79 -0.80	21.16 0.84 -1.56	22.04 0.97 -0.43	24.39 1.00 -2.52	25.44 0.96 -4.07	27.03 1.03 -5.43	29.48 1.13 -7.39	31.24 1.13 -9.13	34.27 1.13 -11.79	34.51 1.22 -11.14	50.51 1.18 -27.53	50.72 1.43 -22.35	49.36 1.44 -20.20	44.05 1.48 -14.13	34.96 1.51 -3.74	32.04 1.49 -1.87	28.78 1.15 -5.84	25.99 1.09 -3.50
ATHENS_STG_2 23670	25.70 0.96 -3.83	23.90 0.96 -2.02	22.63 0.90 -1.67	21.57 0.81 -2.43	21.33 0.76 -2.83	20.40 0.83 -0.21	19.96 0.79 -0.80	21.16 0.84 -1.56	22.04 0.97 -0.43	24.39 1.00 -2.52	25.44 0.96 -4.07	27.03 1.03 -5.43	29.48 1.13 -7.39	31.24 1.13 -9.13	34.27 1.13 -11.79	34.51 1.22 -11.14	50.51 1.18 -27.53	50.72 1.43 -22.35	49.36 1.44 -20.20	44.05 1.48 -14.13	34.96 1.51 -3.74	32.04 1.49 -1.87	28.78 1.15 -5.84	25.99 1.09 -3.50

ATHENS_STG_3 23677	25.70 0.96 -3.83	23.90 0.96 -2.02	22.63 0.90 -1.67	21.57 0.81 -2.43	21.33 0.76 -2.83	20.40 0.83 -0.21	19.96 0.79 -0.80	21.16 0.84 -1.56	22.04 0.97 -0.43	24.39 1.00 -2.52	25.44 0.96 -4.07	27.03 1.03 -5.43	29.48 1.13 -7.39	31.24 1.13 -9.13	34.27 1.13 -11.79	34.51 1.22 -11.14	50.51 1.18 -27.53	50.72 1.43 -22.35	49.36 1.44 -20.20	44.05 1.48 -14.13	34.96 1.51 -3.74	32.04 1.49 -1.87	28.78 1.15 -5.84	25.99 1.09 -3.50
AUBURN____LFGE 323710	21.57 0.25 -0.41	21.38 0.25 -0.22	20.37 0.14 -0.18	18.66 0.07 -0.26	18.29 0.25 -0.30	19.49 0.12 -0.02	18.57 0.11 -0.08	19.04 0.11 -0.17	20.81 0.12 -0.05	21.33 0.19 -0.27	21.06 0.22 -0.43	21.32 0.16 -0.58	22.06 0.31 -0.79	22.33 0.38 -0.97	23.05 0.45 -1.25	23.78 0.44 -1.19	25.12 0.41 -2.90	29.84 0.54 -2.36	30.38 0.53 -2.15	30.44 0.48 -1.51	30.61 0.50 -0.40	29.40 0.52 -0.20	22.71 0.30 -0.62	22.11 0.34 -0.37
BABYLON_RES_REC 323704	35.79 2.24 -12.64	32.14 2.24 -8.99	29.46 2.09 -7.32	26.69 1.83 -6.52	26.41 1.77 -6.90	26.52 1.92 -5.25	26.32 1.78 -6.16	27.03 1.93 -6.34	29.14 2.19 -6.31	32.39 2.25 -9.26	37.51 2.10 -15.01	44.20 2.22 -21.41	49.45 2.37 -26.13	58.81 2.33 -35.51	48.61 2.13 -25.13	52.07 2.13 -27.79	56.59 2.16 -32.62	58.97 2.67 -29.36	54.24 2.74 -23.78	49.26 2.93 -17.88	42.11 2.88 -9.53	39.27 3.18 -7.40	39.78 2.53 -15.47	36.46 2.44 -12.62
BABYLON__69_KV_BK2 356345	36.25 2.61 -12.72	32.50 2.59 -8.99	29.80 2.43 -7.32	26.96 2.11 -6.52	26.66 2.02 -6.90	26.81 2.21 -5.25	26.59 2.06 -6.16	27.31 2.21 -6.34	29.47 2.52 -6.31	32.76 2.63 -9.26	38.03 2.47 -15.15	44.59 2.61 -21.41	49.77 2.68 -26.13	63.52 2.71 -39.84	64.48 2.73 -40.40	69.22 2.77 -44.31	72.59 2.77 -48.01	88.66 3.42 -58.29	71.03 3.49 -39.83	64.99 3.61 -32.93	59.09 3.56 -25.82	48.04 3.70 -15.66	44.01 2.92 -19.31	36.83 2.80 -12.64
BARON_WINDS____WT_PWR 323822	21.61 0.00 -0.69	21.26 -0.02 -0.37	20.18 -0.18 -0.30	18.50 -0.27 -0.44	18.04 -0.21 -0.51	19.18 -0.21 -0.04	18.22 -0.29 -0.14	18.69 -0.36 -0.28	20.20 -0.52 -0.08	20.83 -0.50 -0.46	20.59 -0.55 -0.74	21.00 -0.55 -0.99	22.07 -0.23 -1.34	22.47 -0.17 -1.66	23.02 -0.45 -2.13	24.13 -0.04 -2.02	26.60 -0.13 -4.93	30.82 -0.13 -4.01	31.11 -0.25 -3.65	30.84 -0.17 -2.57	30.32 -0.06 -0.68	29.14 0.12 -0.34	22.87 0.02 -1.06	22.37 0.34 -0.64
BARRETT_IC_1 23704	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_10 23701	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_11 23702	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_12 23703	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_2 23705	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_3 23706	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_4 23707	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_5 23708	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_6 23709	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_7 23710	35.26 1.74 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.16 1.53 -6.90	26.24 1.64 -5.25	26.10 1.56 -6.16	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.87 1.89 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.71 2.07 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.63 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.80 2.61 -4.51	37.70 2.20 -13.71	36.13 2.12 -12.62

BARRETT_IC_8 23711	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT_IC_9 23700	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT___1 23545	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BARRETT___2 23546	35.26 1.73 -12.61	31.66 1.76 -8.99	29.10 1.72 -7.32	26.43 1.58 -6.52	26.17 1.53 -6.91	26.24 1.64 -5.25	26.10 1.56 -6.17	26.77 1.67 -6.34	28.81 1.86 -6.31	31.97 1.84 -9.26	37.05 1.69 -14.96	43.81 1.83 -21.41	49.08 1.99 -26.13	56.96 1.99 -33.99	45.64 2.01 -22.29	48.96 2.08 -24.73	53.66 2.09 -29.77	50.48 2.56 -20.97	48.62 2.60 -18.31	43.73 2.67 -12.61	36.08 2.55 -3.83	35.74 2.55 -4.51	37.70 2.20 -13.72	36.14 2.12 -12.63
BATAVIA___115KV_TB1 55881	21.64 0.27 -0.46	21.43 0.27 -0.24	20.19 -0.06 -0.20	18.47 -0.15 -0.29	17.97 -0.11 -0.34	19.20 -0.17 -0.03	18.21 -0.26 -0.10	18.55 -0.39 -0.19	20.07 -0.62 -0.05	20.59 -0.58 -0.30	20.28 -0.61 -0.49	20.60 -0.62 -0.65	21.76 -0.08 -0.88	22.09 0.02 -1.09	22.90 0.15 -1.40	23.64 0.16 -1.33	25.11 0.07 -3.24	29.64 0.05 -2.64	29.89 -0.22 -2.40	29.99 -0.14 -1.69	30.09 -0.06 -0.45	29.08 0.17 -0.22	22.55 0.07 -0.70	22.35 0.53 -0.42
BAYONEEC___CTG1 323682	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG10 323750	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG2 323683	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG3 323684	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG4 323685	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG5 323686	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG6 323687	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG7 323688	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG8 323689	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10
BAYONEEC___CTG9 323749	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.45 1.95 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	34.02 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.88 1.92 -5.18	26.27 1.77 -3.10

BEACON___LESR 323632	26.07 0.81 -4.34	24.00 0.79 -2.29	22.69 0.74 -1.89	21.75 0.66 -2.76	21.61 0.66 -3.21	20.31 0.72 -0.24	19.97 0.70 -0.90	21.20 0.67 -1.77	21.94 0.80 -0.49	24.57 0.84 -2.86	25.91 0.88 -4.62	27.67 0.93 -6.17	30.36 1.01 -8.39	32.37 1.03 -10.37	35.33 1.00 -12.98	35.89 1.09 -12.65	52.33 1.07 -29.46	52.50 1.35 -24.21	51.48 1.33 -22.43	45.85 1.37 -16.04	35.43 1.48 -4.24	32.21 1.41 -2.12	29.42 1.00 -6.63	26.31 0.94 -3.97
BEAVER RIVER___HYD 24048	20.60 -0.44 -0.13	20.58 -0.40 -0.07	19.67 -0.44 -0.05	18.01 -0.40 -0.08	17.47 -0.35 -0.09	19.01 -0.35 -0.01	18.03 -0.37 -0.03	18.38 -0.43 -0.05	20.12 -0.54 -0.01	20.39 -0.56 -0.08	19.82 -0.71 -0.13	20.01 -0.74 -0.18	20.38 -0.82 -0.24	20.44 -0.84 -0.30	20.88 -0.85 -0.38	21.72 -0.80 -0.37	21.97 -0.72 -0.89	27.10 -0.57 -0.72	28.01 -0.36 -0.66	28.65 -0.26 -0.46	29.59 -0.24 -0.12	28.40 -0.34 -0.06	21.60 -0.37 -0.19	21.08 -0.43 -0.11
BEEBEE_GT_13 23619	21.49 0.19 -0.39	21.31 0.19 -0.21	20.16 -0.06 -0.17	18.47 -0.11 -0.25	17.95 -0.07 -0.29	19.22 -0.15 -0.02	18.29 -0.17 -0.08	18.66 -0.26 -0.16	20.31 -0.37 -0.04	20.84 -0.29 -0.26	20.54 -0.29 -0.42	20.82 -0.31 -0.56	21.80 0.08 -0.76	22.10 0.19 -0.94	22.83 0.28 -1.20	23.58 0.29 -1.14	24.78 0.20 -2.79	29.40 0.19 -2.27	29.75 -0.03 -2.06	29.87 -0.03 -1.45	30.09 0.00 -0.38	29.02 0.14 -0.19	22.45 0.07 -0.60	22.12 0.36 -0.36
BENSHRST_27_KV_BENSHRST_1 355998	26.25 1.94 -3.40	24.61 1.90 -1.80	23.34 1.80 -1.49	22.07 1.58 -2.16	21.76 1.51 -2.52	21.15 1.61 -0.20	20.47 1.40 -0.70	21.74 1.59 -1.38	22.78 1.75 -0.38	25.00 1.90 -2.23	25.81 1.80 -3.61	27.44 2.06 -4.81	59.97 2.20 -36.81	31.33 2.27 -8.09	34.30 2.28 -10.67	34.17 2.15 -9.87	49.39 2.27 -25.32	50.09 2.75 -20.40	48.57 2.69 -18.17	43.72 2.76 -12.52	35.60 2.58 -3.31	33.22 2.87 -1.67	29.23 2.24 -5.20	26.62 2.12 -3.11
BETHLEHEM___GRP 23843	25.74 0.48 -4.35	23.69 0.48 -2.30	22.41 0.46 -1.90	21.52 0.42 -2.76	21.36 0.41 -3.22	20.04 0.45 -0.24	19.72 0.44 -0.90	20.94 0.41 -1.77	21.63 0.50 -0.49	24.24 0.50 -2.86	25.57 0.53 -4.63	27.36 0.62 -6.18	30.01 0.65 -8.40	32.01 0.65 -10.38	35.02 0.66 -13.01	35.53 0.71 -12.67	52.04 0.68 -29.56	52.06 0.84 -24.28	51.02 0.83 -22.48	45.36 0.85 -16.06	34.87 0.92 -4.25	31.70 0.89 -2.13	29.08 0.65 -6.64	25.97 0.60 -3.98
BETHLEHEM___GS1 323560	25.74 0.48 -4.35	23.69 0.48 -2.30	22.41 0.46 -1.90	21.52 0.42 -2.76	21.36 0.41 -3.22	20.04 0.45 -0.24	19.72 0.44 -0.90	20.94 0.41 -1.77	21.63 0.49 -0.49	24.23 0.50 -2.86	25.56 0.53 -4.63	27.32 0.58 -6.18	30.01 0.65 -8.40	32.01 0.65 -10.38	35.00 0.64 -13.01	35.53 0.71 -12.67	52.04 0.68 -29.56	52.06 0.84 -24.28	51.02 0.83 -22.48	45.36 0.85 -16.06	34.87 0.92 -4.25	31.70 0.89 -2.13	29.08 0.65 -6.64	25.97 0.60 -3.98
BETHLEHEM___GS2 323561	25.74 0.48 -4.35	23.69 0.48 -2.30	22.41 0.46 -1.90	21.52 0.42 -2.76	21.36 0.41 -3.22	20.04 0.45 -0.24	19.72 0.44 -0.90	20.94 0.41 -1.77	21.63 0.49 -0.49	24.23 0.50 -2.86	25.56 0.53 -4.63	27.32 0.58 -6.18	30.01 0.65 -8.40	32.01 0.65 -10.38	35.00 0.64 -13.01	35.53 0.71 -12.67	52.04 0.68 -29.56	52.06 0.84 -24.28	51.02 0.83 -22.48	45.36 0.85 -16.06	34.87 0.92 -4.25	31.70 0.89 -2.13	29.08 0.65 -6.64	25.97 0.60 -3.98
BETHLEHEM___GS3 323562	25.74 0.48 -4.35	23.69 0.48 -2.30	22.41 0.46 -1.90	21.52 0.42 -2.76	21.36 0.41 -3.22	20.04 0.45 -0.24	19.72 0.44 -0.90	20.94 0.41 -1.77	21.63 0.49 -0.49	24.23 0.50 -2.86	25.56 0.53 -4.63	27.32 0.58 -6.18	30.01 0.65 -8.40	32.01 0.65 -10.38	35.00 0.64 -13.01	35.53 0.71 -12.67	52.04 0.68 -29.56	52.06 0.84 -24.28	51.02 0.83 -22.48	45.36 0.85 -16.06	34.87 0.92 -4.25	31.70 0.89 -2.13	29.08 0.65 -6.64	25.97 0.60 -3.98
BETHLEHEM___STEEL 23779	21.32 -0.13 -0.53	21.05 -0.15 -0.28	19.92 -0.36 -0.23	18.19 -0.48 -0.34	17.72 -0.41 -0.39	18.88 -0.50 -0.03	17.87 -0.61 -0.11	18.26 -0.71 -0.22	19.71 -0.99 -0.06	20.24 -0.98 -0.35	19.97 -1.00 -0.56	20.32 -1.01 -0.75	21.52 -0.46 -1.03	21.89 -0.36 -1.27	22.67 -0.30 -1.62	23.45 -0.24 -1.55	25.15 -0.41 -3.76	29.44 -0.57 -3.06	29.56 -0.94 -2.79	29.55 -0.85 -1.96	29.45 -0.77 -0.52	28.48 -0.46 -0.26	22.20 -0.39 -0.81	22.05 0.17 -0.49
BETHLHEM_115KV_TB1 79974	25.80 0.54 -4.35	23.75 0.54 -2.29	22.47 0.52 -1.90	21.57 0.48 -2.76	21.41 0.46 -3.22	20.10 0.50 -0.24	19.77 0.50 -0.90	21.00 0.47 -1.77	21.69 0.56 -0.49	24.30 0.56 -2.86	25.60 0.57 -4.63	27.40 0.66 -6.17	30.05 0.69 -8.40	32.06 0.71 -10.37	35.09 0.73 -13.02	35.56 0.75 -12.66	52.15 0.74 -29.60	52.16 0.92 -24.30	51.11 0.91 -22.48	45.43 0.94 -16.05	34.96 1.01 -4.25	31.75 0.95 -2.12	29.14 0.72 -6.64	26.03 0.66 -3.98
BETHPAGE_CC_5 323564	35.53 1.99 -12.63	31.89 1.99 -8.99	29.28 1.91 -7.32	26.52 1.67 -6.52	26.25 1.61 -6.90	26.34 1.74 -5.25	26.17 1.63 -6.16	26.88 1.78 -6.34	29.00 2.04 -6.31	32.22 2.09 -9.26	37.34 1.94 -14.99	44.03 2.06 -21.41	49.28 2.20 -26.13	58.29 2.20 -35.11	47.39 2.18 -23.86	50.83 2.26 -26.42	55.42 2.27 -31.35	56.51 2.78 -26.79	52.85 2.83 -22.31	47.84 2.90 -16.49	40.55 2.82 -8.02	38.19 2.87 -6.64	38.70 2.27 -14.65	36.20 2.18 -12.62
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.30 -0.15 -0.54	21.01 -0.19 -0.28	19.89 -0.40 -0.23	18.18 -0.49 -0.34	17.69 -0.44 -0.40	18.86 -0.52 -0.03	17.84 -0.64 -0.11	18.25 -0.73 -0.22	19.69 -1.01 -0.06	20.22 -1.00 -0.35	19.98 -1.00 -0.57	20.33 -1.01 -0.76	21.51 -0.48 -1.04	21.88 -0.38 -1.28	22.67 -0.32 -1.64	23.45 -0.27 -1.57	25.18 -0.44 -3.81	29.45 -0.59 -3.10	29.59 -0.94 -2.82	29.58 -0.85 -1.98	29.46 -0.77 -0.53	28.46 -0.49 -0.26	22.21 -0.39 -0.82	22.04 0.15 -0.49
BINGHAMTON___COGEN 23790	22.16 0.25 -1.00	21.71 0.27 -0.53	20.65 0.16 -0.44	19.04 0.07 -0.64	18.56 0.09 -0.74	19.51 0.10 -0.06	18.67 0.09 -0.21	19.24 0.08 -0.41	20.82 0.06 -0.11	21.61 0.08 -0.66	21.55 0.08 -1.07	22.07 0.08 -1.42	23.14 0.25 -1.93	23.68 0.31 -2.39	24.75 0.34 -3.06	25.44 0.38 -2.91	29.23 0.33 -7.10	33.13 0.40 -5.78	33.30 0.33 -5.25	32.48 0.34 -3.69	31.10 0.42 -0.98	29.63 0.46 -0.49	23.62 0.30 -1.53	22.70 0.39 -0.92
BIXINCNT_115KV_LOAD 355685	21.13 -0.36 -0.57	20.80 -0.42 -0.30	19.74 -0.56 -0.25	18.03 -0.66 -0.36	17.55 -0.60 -0.42	18.71 -0.68 -0.03	17.68 -0.81 -0.12	18.13 -0.86 -0.23	19.59 -1.11 -0.06	20.10 -1.15 -0.37	19.81 -1.20 -0.61	20.12 -1.25 -0.81	21.26 -0.80 -1.10	21.68 -0.65 -1.36	22.45 -0.64 -1.74	23.16 -0.64 -1.66	25.06 -0.78 -4.04	29.26 -0.97 -3.29	29.54 -1.16 -2.99	29.61 -0.94 -2.10	29.43 -0.83 -0.56	28.39 -0.57 -0.28	22.15 -0.50 -0.87	21.96 0.04 -0.52
BLACK RIVER___HYD 24047	20.88 -0.21 -0.17	20.86 -0.15 -0.09	19.93 -0.20 -0.08	18.20 -0.24 -0.11	17.65 -0.21 -0.13	19.23 -0.13 -0.01	18.21 -0.20 -0.04	18.53 -0.30 -0.07	20.25 -0.41 -0.02	20.57 -0.42 -0.11	20.08 -0.51 -0.18	20.28 -0.53 -0.24	20.70 -0.59 -0.33	20.80 -0.59 -0.41	21.23 -0.64 -0.53	22.14 -0.51 -0.50	22.59 -0.44 -1.22	27.64 -0.30 -0.99	28.59 -0.03 -0.90	29.22 0.14 -0.64	30.05 0.18 -0.17	28.82 0.06 -0.08	21.94 -0.11 -0.26	21.40 -0.15 -0.16

BLACKRVR_115KV_TB2 79977	20.88 -0.21 -0.17	20.86 -0.15 -0.09	19.93 -0.20 -0.08	18.20 -0.24 -0.11	17.65 -0.21 -0.13	19.23 -0.14 -0.01	18.20 -0.20 -0.04	18.53 -0.30 -0.07	20.25 -0.41 -0.02	20.57 -0.42 -0.11	20.08 -0.51 -0.18	20.26 -0.56 -0.24	20.70 -0.59 -0.33	20.80 -0.59 -0.41	21.28 -0.60 -0.53	22.14 -0.51 -0.50	22.59 -0.44 -1.22	27.64 -0.30 -0.99	28.59 -0.03 -0.90	29.22 0.14 -0.64	30.05 0.18 -0.17	28.82 0.06 -0.08	21.94 -0.11 -0.26	21.40 -0.15 -0.16
BLISS_WT_PWR 323608	21.08 -0.40 -0.57	20.75 -0.46 -0.30	19.70 -0.60 -0.25	17.99 -0.70 -0.36	17.55 -0.60 -0.42	18.80 -0.58 -0.03	17.64 -0.84 -0.12	18.09 -0.90 -0.23	19.55 -1.16 -0.06	20.06 -1.19 -0.37	19.75 -1.27 -0.61	20.08 -1.30 -0.81	21.16 -0.90 -1.10	21.58 -0.75 -1.36	21.87 -1.22 -1.74	23.08 -0.73 -1.66	24.97 -0.87 -4.04	29.15 -1.08 -3.29	29.51 -1.19 -2.99	29.61 -0.94 -2.10	29.43 -0.83 -0.56	28.36 -0.60 -0.28	22.13 -0.52 -0.87	21.94 0.02 -0.52
BLUE_CIRC_CHEM_DRP 24182	26.01 0.84 -4.26	24.00 0.84 -2.25	22.70 0.78 -1.86	21.75 0.71 -2.71	21.60 0.71 -3.16	20.37 0.77 -0.24	19.99 0.73 -0.89	21.21 0.71 -1.74	21.93 0.81 -0.48	24.49 0.81 -2.81	25.78 0.84 -4.54	27.53 0.91 -6.05	30.16 0.96 -8.24	32.12 0.96 -10.18	35.17 0.98 -12.84	35.59 1.02 -12.42	52.13 0.98 -29.34	52.20 1.21 -24.04	51.07 1.22 -22.14	45.47 1.28 -15.75	35.27 1.40 -4.17	32.09 1.32 -2.08	29.28 0.98 -6.51	26.24 0.94 -3.90
BOC_GAS_DRP 24189	25.93 0.69 -4.33	23.89 0.69 -2.29	22.60 0.66 -1.89	21.67 0.59 -2.75	21.51 0.57 -3.20	20.21 0.62 -0.24	19.88 0.61 -0.90	21.12 0.60 -1.76	21.83 0.70 -0.49	24.43 0.71 -2.85	25.71 0.69 -4.61	27.50 0.78 -6.15	30.16 0.84 -8.36	32.15 0.84 -10.33	35.24 0.85 -13.04	35.64 0.89 -12.61	52.47 0.85 -29.82	52.42 1.05 -24.42	51.25 1.05 -22.48	45.51 1.08 -15.98	35.06 1.13 -4.23	31.92 1.12 -2.12	29.24 0.85 -6.61	26.17 0.81 -3.96
BOONVILLE_115KV_TB1 79983	21.19 0.17 -0.11	21.18 0.21 -0.06	20.26 0.16 -0.05	18.51 0.11 -0.07	17.91 0.09 -0.08	19.55 0.19 -0.01	18.54 0.15 -0.02	18.94 0.13 -0.05	20.78 0.12 -0.01	21.09 0.15 -0.07	20.56 0.04 -0.12	20.75 0.02 -0.16	21.19 0.02 -0.21	21.28 0.04 -0.26	21.71 0.02 -0.34	22.58 0.11 -0.32	22.70 0.11 -0.78	27.88 0.30 -0.64	28.71 0.42 -0.58	29.39 0.54 -0.41	30.38 0.56 -0.11	29.20 0.46 -0.05	22.21 0.26 -0.17	21.75 0.26 -0.10
BORALEX_4TH_BRANCH 23824	26.39 1.15 -4.33	24.35 1.15 -2.29	23.02 1.08 -1.89	22.09 1.01 -2.75	21.90 0.96 -3.20	20.66 1.06 -0.24	20.26 0.99 -0.90	21.50 0.97 -1.76	22.29 1.16 -0.49	24.85 1.13 -2.85	26.13 1.12 -4.61	27.89 1.17 -6.15	30.56 1.24 -8.37	32.54 1.24 -10.33	35.12 1.22 -12.55	36.11 1.35 -12.61	50.74 1.29 -27.65	51.55 1.59 -23.01	51.22 1.63 -21.88	46.10 1.68 -15.98	35.78 1.84 -4.23	32.55 1.75 -2.12	29.72 1.33 -6.61	26.70 1.35 -3.96
BOWLINE___1 23526	25.49 1.32 -3.26	23.93 1.30 -1.72	22.70 1.22 -1.42	21.46 1.06 -2.07	21.17 1.03 -2.41	20.66 1.12 -0.18	20.09 1.05 -0.68	21.25 1.16 -1.33	22.37 1.36 -0.37	24.41 1.40 -2.14	25.20 1.33 -3.47	26.66 1.46 -4.62	28.84 1.59 -6.29	30.34 1.59 -7.77	33.19 1.62 -10.22	33.32 1.68 -9.48	47.74 1.68 -24.25	48.55 2.05 -19.56	47.19 2.05 -17.43	42.58 2.10 -12.03	34.91 2.02 -3.18	32.28 2.01 -1.59	28.32 1.57 -4.97	25.83 1.46 -2.98
BOWLINE___2 23595	25.44 1.28 -3.26	23.91 1.28 -1.72	22.68 1.20 -1.42	21.46 1.06 -2.07	21.16 1.01 -2.41	20.64 1.10 -0.18	20.09 1.05 -0.68	21.25 1.16 -1.33	22.35 1.34 -0.37	24.39 1.38 -2.14	25.18 1.31 -3.47	26.63 1.44 -4.62	28.80 1.55 -6.29	30.32 1.57 -7.77	33.15 1.58 -10.22	33.30 1.66 -9.49	47.72 1.66 -24.26	48.50 1.99 -19.56	47.14 2.00 -17.43	42.52 2.05 -12.03	34.85 1.96 -3.18	32.23 1.95 -1.59	28.30 1.55 -4.97	25.79 1.41 -2.98
BRADY___115KV_TB2 356060	20.47 -0.44 0.00	20.49 -0.42 0.00	19.65 -0.40 0.00	18.11 -0.22 0.00	17.47 -0.27 0.00	19.14 -0.21 0.00	18.15 -0.22 0.00	18.53 -0.23 0.00	20.25 -0.39 0.00	20.43 -0.44 0.00	19.98 -0.43 0.00	20.14 -0.43 0.00	20.33 -0.63 0.00	20.31 -0.67 0.00	20.64 -0.70 0.00	21.42 -0.73 0.00	21.19 -0.61 0.00	26.27 -0.67 0.00	27.19 -0.53 0.00	27.93 -0.51 0.00	29.17 -0.53 0.00	28.02 -0.66 0.00	21.26 -0.52 0.00	20.80 -0.60 0.00
BRANSCOMB___SOLAR 323811	26.52 1.13 -4.48	24.41 1.13 -2.37	23.03 1.02 -1.96	22.11 0.93 -2.85	21.99 0.94 -3.32	20.61 1.01 -0.25	20.26 0.95 -0.93	21.51 0.92 -1.83	22.22 1.07 -0.51	24.89 1.06 -2.95	26.22 1.04 -4.77	28.01 1.07 -6.37	30.73 1.11 -8.66	32.83 1.15 -10.70	35.80 1.11 -13.34	36.43 1.22 -13.06	53.22 1.26 -30.15	53.41 1.64 -24.82	52.51 1.72 -23.08	46.82 1.82 -16.55	36.13 2.05 -4.38	32.80 1.92 -2.19	29.98 1.35 -6.85	26.78 1.28 -4.10
BRENTWOD_69_KV_W. BRTWOOD 56703	36.09 2.45 -12.73	32.35 2.45 -8.99	29.66 2.29 -7.32	26.85 2.00 -6.52	26.57 1.93 -6.90	26.67 2.07 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.35 2.39 -6.31	32.62 2.48 -9.26	37.85 2.29 -15.16	44.42 2.45 -21.41	49.54 2.45 -26.13	63.35 2.41 -39.96	64.47 2.39 -40.73	69.22 2.41 -44.66	72.59 2.44 -48.34	88.94 2.99 -59.01	71.01 3.05 -40.25	64.94 3.16 -33.34	59.05 3.09 -26.26	47.83 3.27 -15.88	50.44 2.68 -25.98	36.62 2.59 -12.64
BRISTLHL_115KV_TB1 79998	20.95 -0.23 -0.27	20.82 -0.23 -0.14	19.89 -0.28 -0.12	18.22 -0.27 -0.17	17.67 -0.27 -0.20	19.08 -0.29 -0.01	18.17 -0.26 -0.06	18.57 -0.30 -0.11	20.34 -0.33 -0.03	20.75 -0.29 -0.17	20.40 -0.29 -0.28	20.60 -0.35 -0.38	21.20 -0.27 -0.51	21.36 -0.25 -0.63	21.95 -0.21 -0.81	22.70 -0.22 -0.77	23.45 -0.24 -1.88	28.15 -0.32 -1.53	28.78 -0.33 -1.40	29.03 -0.40 -0.98	29.58 -0.39 -0.26	28.44 -0.37 -0.13	21.88 -0.30 -0.41	21.36 -0.28 -0.24
BROOKHAVEN___DRP 24191	36.63 2.59 -13.12	32.52 2.61 -8.99	29.80 2.43 -7.32	26.94 2.09 -6.52	26.66 2.02 -6.90	26.79 2.19 -5.25	26.57 2.04 -6.16	27.31 2.21 -6.34	29.47 2.52 -6.31	32.76 2.63 -9.26	38.68 2.45 -15.83	44.59 2.61 -21.41	49.72 2.64 -26.13	83.57 2.73 -59.86	134.50 2.71 -110.44	144.88 2.72 -120.00	143.14 2.77 -118.56	221.95 3.42 -191.59	192.03 3.49 -160.82	134.56 3.61 -102.50	134.34 3.53 -101.10	86.10 3.59 -53.83	48.03 2.83 -23.41	36.86 2.76 -12.70
BROOKLYN_NAVY_YARD 23515	25.89 1.59 -3.39	24.25 1.55 -1.79	22.99 1.46 -1.48	21.75 1.26 -2.15	21.45 1.21 -2.51	20.86 1.32 -0.19	20.31 1.23 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.83 1.73 -2.23	25.58 1.57 -3.61	27.09 1.71 -4.81	29.39 1.89 -6.55	30.95 1.89 -8.09	33.89 1.90 -10.65	33.95 1.93 -9.87	49.08 1.98 -25.29	49.70 2.37 -20.39	48.25 2.38 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.66 2.32 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
BROOKLYN___ARMY_DRP 323595	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11

BROOKVLE_69_KV_TB1 55790	35.54 2.01 -12.61	31.87 1.97 -8.99	29.24 1.86 -7.32	26.48 1.63 -6.52	26.20 1.56 -6.90	26.30 1.70 -5.25	26.13 1.60 -6.16	26.84 1.74 -6.34	28.95 2.00 -6.31	32.22 2.09 -9.26	37.31 1.94 -14.97	44.12 2.14 -21.41	49.35 2.26 -26.13	57.63 2.35 -34.30	46.03 2.39 -22.29	49.29 2.41 -24.73	53.99 2.42 -29.77	52.17 2.94 -22.29	50.07 2.97 -19.39	45.15 3.02 -13.69	37.64 2.94 -4.99	36.74 2.95 -5.10	37.76 2.27 -13.71	36.15 2.14 -12.62
BROOME_2_LFGE 323671	22.17 0.25 -1.00	21.71 0.27 -0.53	20.65 0.16 -0.44	19.04 0.07 -0.64	18.56 0.09 -0.74	19.53 0.12 -0.06	18.67 0.09 -0.21	19.24 0.08 -0.41	20.82 0.06 -0.11	21.64 0.10 -0.66	21.55 0.08 -1.07	22.10 0.10 -1.42	23.14 0.25 -1.93	23.66 0.29 -2.39	24.58 0.17 -3.06	25.44 0.38 -2.91	29.23 0.33 -7.10	33.13 0.40 -5.78	33.30 0.33 -5.25	32.48 0.34 -3.69	31.10 0.42 -0.98	29.60 0.43 -0.49	23.62 0.30 -1.53	22.70 0.39 -0.92
BROOME___LFGE 323600	22.17 0.25 -1.00	21.71 0.27 -0.53	20.65 0.16 -0.44	19.04 0.07 -0.64	18.56 0.09 -0.74	19.53 0.12 -0.06	18.67 0.09 -0.21	19.24 0.08 -0.41	20.82 0.06 -0.11	21.64 0.10 -0.66	21.55 0.08 -1.07	22.10 0.10 -1.42	23.14 0.25 -1.93	23.66 0.29 -2.39	24.58 0.17 -3.06	25.44 0.38 -2.91	29.23 0.33 -7.10	33.13 0.40 -5.78	33.30 0.33 -5.25	32.48 0.34 -3.69	31.10 0.42 -0.98	29.60 0.43 -0.49	23.62 0.30 -1.53	22.70 0.39 -0.92
BROWNFLS_115KV_TB_3_5 80003	20.10 -0.90 -0.09	20.10 -0.86 -0.05	19.23 -0.86 -0.04	17.67 -0.71 -0.06	17.13 -0.67 -0.07	18.66 -0.70 0.00	17.69 -0.70 -0.02	18.08 -0.71 -0.04	19.74 -0.91 -0.01	19.99 -0.94 -0.06	19.50 -1.00 -0.09	19.67 -1.03 -0.13	19.95 -1.17 -0.17	19.97 -1.22 -0.21	20.36 -1.26 -0.27	21.17 -1.24 -0.26	21.30 -1.13 -0.63	26.27 -1.19 -0.51	27.15 -1.03 -0.46	27.80 -0.97 -0.33	28.78 -1.01 -0.09	27.61 -1.12 -0.04	21.00 -0.91 -0.13	20.51 -0.96 -0.08
BROWNSV1_27_KV_LOAD 356125	26.14 1.84 -3.39	24.50 1.80 -1.79	23.22 1.68 -1.48	21.95 1.47 -2.15	21.64 1.40 -2.51	21.05 1.51 -0.19	20.49 1.41 -0.70	21.75 1.61 -1.38	22.86 1.84 -0.38	25.02 1.92 -2.23	25.83 1.82 -3.61	27.42 2.04 -4.81	29.66 2.16 -6.55	31.29 2.22 -8.09	34.23 2.24 -10.65	34.24 2.21 -9.87	49.36 2.27 -25.29	50.08 2.75 -20.39	48.61 2.74 -18.15	43.78 2.82 -12.52	35.66 2.64 -3.31	33.12 2.78 -1.66	29.12 2.16 -5.18	26.51 2.01 -3.10
BURROWS___LYONSDAL 23803	21.07 0.04 -0.11	21.06 0.08 -0.06	20.14 0.04 -0.05	18.42 0.02 -0.07	17.82 0.00 -0.08	19.44 0.08 -0.01	18.43 0.04 -0.02	18.82 0.02 -0.05	20.63 -0.02 -0.01	20.95 0.00 -0.07	20.40 -0.12 -0.12	20.57 -0.16 -0.16	21.01 -0.17 -0.22	21.08 -0.17 -0.27	21.50 -0.19 -0.35	22.37 -0.11 -0.33	22.52 -0.09 -0.81	27.71 0.11 -0.66	28.56 0.25 -0.60	29.23 0.37 -0.42	30.23 0.42 -0.11	29.05 0.32 -0.06	22.09 0.13 -0.17	21.63 0.13 -0.10
CAITHNESS_CC_1 323624	36.52 2.49 -13.12	32.39 2.49 -8.99	29.70 2.33 -7.32	26.85 2.00 -6.52	26.57 1.93 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.37 2.41 -6.31	32.64 2.50 -9.26	38.57 2.35 -15.82	44.40 2.43 -21.41	49.64 2.56 -26.13	83.20 2.50 -59.73	133.81 2.48 -109.99	144.23 2.57 -119.52	142.51 2.59 -118.11	220.85 3.20 -190.70	144.42 3.27 -113.44	133.86 3.38 -102.04	133.63 3.33 -100.60	85.61 3.35 -53.57	47.83 2.68 -23.37	36.73 2.63 -12.70
CALPINE BETH_PAGE_GT4 24209	35.49 1.94 -12.63	31.83 1.92 -8.99	29.26 1.89 -7.32	26.50 1.65 -6.52	26.23 1.60 -6.90	26.32 1.72 -5.25	26.15 1.62 -6.16	26.86 1.76 -6.34	28.95 2.00 -6.31	32.16 2.02 -9.26	37.27 1.88 -14.99	44.01 2.04 -21.41	49.22 2.14 -26.13	58.16 2.20 -34.98	47.03 2.22 -23.46	50.38 2.24 -25.99	54.99 2.25 -30.94	55.68 2.75 -25.99	52.36 2.80 -21.85	47.38 2.87 -16.06	40.06 2.79 -7.56	37.92 2.84 -6.40	38.42 2.24 -14.39	36.16 2.14 -12.62
CALPINE_BETH_PAGE_GT_4 323586	35.49 1.95 -12.63	31.83 1.92 -8.99	29.26 1.88 -7.32	26.50 1.65 -6.52	26.23 1.60 -6.90	26.32 1.72 -5.25	26.15 1.62 -6.16	26.86 1.76 -6.34	28.95 2.00 -6.31	32.16 2.02 -9.26	37.27 1.88 -14.99	43.99 2.02 -21.41	49.24 2.16 -26.13	58.14 2.18 -34.98	46.96 2.16 -23.46	50.38 2.24 -25.99	55.02 2.27 -30.94	55.68 2.75 -25.99	52.36 2.80 -21.85	47.38 2.87 -16.06	40.05 2.79 -7.56	37.90 2.81 -6.40	38.42 2.24 -14.39	36.14 2.12 -12.62
CALPINE_BP_GT1 23823	35.49 1.95 -12.63	31.83 1.92 -8.99	29.26 1.88 -7.32	26.50 1.65 -6.52	26.23 1.60 -6.90	26.32 1.72 -5.25	26.15 1.62 -6.16	26.86 1.76 -6.34	28.95 2.00 -6.31	32.16 2.02 -9.26	37.27 1.88 -14.99	43.99 2.02 -21.41	49.24 2.16 -26.13	58.14 2.18 -34.98	46.96 2.16 -23.46	50.38 2.24 -25.99	55.02 2.27 -30.94	55.68 2.75 -25.99	52.36 2.80 -21.85	47.38 2.87 -16.06	40.05 2.79 -7.56	37.90 2.81 -6.40	38.42 2.24 -14.39	36.14 2.12 -12.62
CALSPAN___DRP 24200	21.32 -0.13 -0.53	21.05 -0.15 -0.28	19.92 -0.36 -0.23	18.19 -0.48 -0.34	17.72 -0.41 -0.39	18.88 -0.50 -0.03	17.87 -0.61 -0.11	18.26 -0.71 -0.22	19.71 -0.99 -0.06	20.24 -0.98 -0.35	19.97 -1.00 -0.56	20.32 -1.01 -0.75	21.52 -0.46 -1.03	21.89 -0.36 -1.27	22.67 -0.30 -1.62	23.45 -0.24 -1.55	25.15 -0.41 -3.76	29.44 -0.57 -3.06	29.56 -0.94 -2.79	29.55 -0.85 -1.96	29.45 -0.77 -0.52	28.48 -0.46 -0.26	22.20 -0.39 -0.81	22.05 0.17 -0.49
CALVERTON___SOLAR 323806	36.80 2.76 -13.12	32.66 2.76 -8.99	29.94 2.57 -7.32	27.07 2.22 -6.52	26.76 2.13 -6.90	26.92 2.32 -5.25	26.68 2.15 -6.16	27.42 2.33 -6.34	29.59 2.64 -6.31	32.89 2.75 -9.26	38.83 2.59 -15.83	44.67 2.69 -21.41	49.93 2.85 -26.13	83.73 2.83 -59.92	134.80 2.82 -110.64	145.32 2.95 -120.22	143.53 2.96 -118.77	222.59 3.66 -191.98	189.19 3.74 -157.74	135.02 3.87 -102.71	134.84 3.80 -101.33	86.41 3.79 -53.94	48.19 2.98 -23.43	37.01 2.91 -12.70
CANDIGU_WT_PWR 323617	21.61 0.00 -0.69	21.26 -0.02 -0.37	20.18 -0.18 -0.30	18.50 -0.27 -0.44	18.04 -0.21 -0.51	19.18 -0.21 -0.04	18.22 -0.29 -0.14	18.69 -0.36 -0.28	20.20 -0.52 -0.08	20.83 -0.50 -0.46	20.59 -0.55 -0.74	21.00 -0.55 -0.99	22.07 -0.23 -1.34	22.47 -0.17 -1.66	23.02 -0.45 -2.13	24.13 -0.04 -2.02	26.60 -0.13 -4.93	30.82 -0.13 -4.01	31.11 -0.25 -3.65	30.84 -0.17 -2.57	30.32 -0.06 -0.68	29.14 0.12 -0.34	22.87 0.02 -1.06	22.37 0.34 -0.64
CARR STREET_E_SYR 24060	21.13 -0.08 -0.30	21.01 -0.06 -0.16	20.04 -0.14 -0.13	18.37 -0.15 -0.19	17.81 -0.14 -0.22	19.21 -0.16 -0.02	18.28 -0.15 -0.06	18.71 -0.17 -0.12	20.49 -0.19 -0.03	20.92 -0.15 -0.20	20.58 -0.14 -0.32	20.83 -0.17 -0.42	21.45 -0.08 -0.57	21.64 -0.04 -0.71	22.15 -0.11 -0.91	23.01 0.00 -0.86	23.84 -0.07 -2.10	28.47 -0.19 -1.71	29.02 -0.25 -1.56	29.23 -0.31 -1.09	29.70 -0.30 -0.29	28.57 -0.26 -0.14	22.08 -0.15 -0.45	21.58 -0.09 -0.27
CARTHAGE___PAPER 23857	20.69 -0.38 -0.15	20.66 -0.34 -0.08	19.76 -0.36 -0.07	18.08 -0.35 -0.10	17.55 -0.30 -0.11	19.07 -0.29 -0.01	18.07 -0.33 -0.03	18.43 -0.39 -0.06	20.12 -0.54 -0.02	20.41 -0.56 -0.10	19.90 -0.67 -0.16	20.09 -0.70 -0.22	20.46 -0.80 -0.30	20.53 -0.82 -0.37	20.99 -0.83 -0.47	21.85 -0.75 -0.45	22.24 -0.65 -1.09	27.32 -0.51 -0.89	28.27 -0.25 -0.81	28.93 -0.09 -0.57	29.80 -0.06 -0.15	28.56 -0.20 -0.08	21.73 -0.28 -0.24	21.22 -0.32 -0.14

CASSADAGA_WT_PWR 323784	21.83 0.36 -0.56	21.54 0.33 -0.29	20.38 0.08 -0.24	18.59 -0.09 -0.35	18.15 0.00 -0.41	19.42 0.04 -0.03	18.32 -0.17 -0.12	18.80 -0.19 -0.23	20.23 -0.47 -0.06	20.80 -0.44 -0.37	20.49 -0.51 -0.59	20.85 -0.51 -0.79	21.93 -0.10 -1.08	22.26 -0.04 -1.33	22.52 -0.53 -1.70	23.91 0.13 -1.62	25.73 -0.02 -3.95	30.13 -0.03 -3.22	30.39 -0.25 -2.92	30.44 -0.06 -2.06	30.34 0.09 -0.54	29.36 0.40 -0.27	22.90 0.26 -0.85	22.70 0.79 -0.51
CE_DUNWOOD___DRP 24194	25.78 1.48 -3.38	24.16 1.46 -1.78	22.91 1.38 -1.47	21.69 1.21 -2.15	21.39 1.15 -2.50	20.80 1.26 -0.19	20.25 1.18 -0.70	21.45 1.31 -1.38	22.53 1.51 -0.38	24.66 1.57 -2.22	25.49 1.49 -3.60	27.06 1.69 -4.80	29.27 1.78 -6.53	30.87 1.82 -8.07	33.84 1.88 -10.62	33.88 1.88 -9.84	48.92 1.90 -25.22	49.56 2.29 -20.33	48.11 2.30 -18.10	43.29 2.36 -12.48	35.26 2.26 -3.30	32.63 2.29 -1.65	28.71 1.76 -5.16	26.13 1.65 -3.09
CE_MILLWOOD___DRP 24193	25.70 1.42 -3.36	24.09 1.40 -1.78	22.84 1.32 -1.47	21.62 1.15 -2.14	21.34 1.12 -2.49	20.74 1.20 -0.19	20.21 1.14 -0.70	21.39 1.26 -1.37	22.47 1.44 -0.38	24.61 1.52 -2.21	25.43 1.45 -3.58	26.97 1.63 -4.77	29.17 1.72 -6.50	30.76 1.76 -8.02	33.72 1.81 -10.56	33.76 1.82 -9.79	48.72 1.83 -25.09	49.38 2.21 -20.23	47.94 2.22 -18.01	43.14 2.28 -12.42	35.16 2.17 -3.29	32.53 2.21 -1.64	28.62 1.70 -5.14	26.05 1.58 -3.08
CE_NYC2_DRP 24202	26.05 1.74 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.62 1.48 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.26 1.87 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.06 2.07 -10.65	33.99 1.97 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.25 2.38 -18.15	43.41 2.45 -12.52	35.33 2.32 -3.31	32.92 2.58 -1.66	28.98 2.03 -5.18	26.41 1.90 -3.11
CE_NYC_DRP 24195	25.95 1.65 -3.39	24.31 1.61 -1.79	23.06 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.92 1.37 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.67 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.23 1.85 -4.81	29.48 1.97 -6.55	31.08 2.01 -8.09	34.04 2.05 -10.65	34.04 2.02 -9.87	49.14 2.05 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.49 2.53 -12.52	35.39 2.38 -3.31	32.83 2.50 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
CHAFFEE___LFGE 323603	21.32 -0.15 -0.55	21.04 -0.17 -0.29	19.89 -0.40 -0.24	18.17 -0.51 -0.35	17.70 -0.44 -0.41	18.92 -0.46 -0.03	17.84 -0.64 -0.11	18.25 -0.73 -0.22	19.69 -1.01 -0.06	20.25 -0.98 -0.36	19.99 -1.00 -0.59	20.37 -0.99 -0.78	21.54 -0.48 -1.06	21.93 -0.36 -1.31	22.22 -0.81 -1.68	23.51 -0.24 -1.60	25.29 -0.41 -3.90	29.55 -0.57 -3.18	29.71 -0.89 -2.89	29.68 -0.80 -2.03	29.50 -0.74 -0.54	28.52 -0.43 -0.27	22.23 -0.39 -0.84	22.05 0.15 -0.50
CHATEAUG_35_KV_LOAD 355732	20.43 -0.48 0.00	20.43 -0.48 0.00	19.57 -0.48 0.00	17.96 -0.37 0.00	17.40 -0.34 0.00	18.95 -0.41 0.00	18.00 -0.37 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.89 -0.51 0.00	20.04 -0.53 0.00	20.12 -0.84 0.00	19.95 -1.03 0.00	20.19 -1.15 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.07 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.74 -0.95 0.00	21.06 -0.72 0.00	20.60 -0.79 0.00
CHATEAUG_WT_PWR 323614	20.43 -0.48 0.00	20.45 -0.46 0.00	19.57 -0.48 0.00	17.94 -0.39 0.00	17.40 -0.34 0.00	18.94 -0.41 0.00	18.00 -0.37 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.91 -0.49 0.00	20.04 -0.53 0.00	20.12 -0.84 0.00	19.97 -1.01 0.00	20.34 -1.00 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.08 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.71 -0.98 0.00	21.06 -0.72 0.00	20.60 -0.79 0.00
CHAT_HIGH_FALL_HYD 323578	20.43 -0.48 0.00	20.43 -0.48 0.00	19.57 -0.48 0.00	17.96 -0.37 0.00	17.40 -0.34 0.00	18.94 -0.41 0.00	18.00 -0.37 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.90 -0.51 0.00	20.04 -0.53 0.00	20.12 -0.84 0.00	19.97 -1.01 0.00	20.37 -0.98 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.08 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.71 -0.98 0.00	21.06 -0.72 0.00	20.60 -0.79 0.00
CHAUTAUQUA___LFGE 323629	21.67 0.21 -0.55	21.37 0.17 -0.29	20.23 -0.06 -0.24	18.48 -0.20 -0.35	18.03 -0.11 -0.41	19.23 -0.16 -0.03	18.17 -0.31 -0.11	18.63 -0.36 -0.22	20.10 -0.60 -0.06	20.65 -0.58 -0.36	20.35 -0.63 -0.58	20.71 -0.64 -0.78	21.83 -0.19 -1.06	22.20 -0.08 -1.31	22.49 -0.53 -1.67	23.81 0.07 -1.59	25.58 -0.11 -3.88	29.94 -0.16 -3.16	30.17 -0.41 -2.88	30.18 -0.28 -2.02	30.06 -0.18 -0.53	29.07 0.12 -0.27	22.68 0.07 -0.84	22.47 0.58 -0.50
CHERRYST_13_KV_LD 356241	26.02 1.71 -3.39	24.40 1.69 -1.79	23.14 1.60 -1.48	21.86 1.37 -2.15	21.56 1.31 -2.51	20.97 1.43 -0.19	20.42 1.34 -0.70	21.68 1.54 -1.38	22.76 1.73 -0.38	24.92 1.82 -2.23	25.73 1.71 -3.61	27.32 1.93 -4.81	29.56 2.05 -6.55	31.16 2.10 -8.09	34.13 2.13 -10.65	34.12 2.10 -9.87	49.25 2.16 -25.29	49.92 2.59 -20.39	48.44 2.58 -18.15	43.61 2.65 -12.52	35.51 2.50 -3.31	32.95 2.61 -1.66	28.98 2.03 -5.18	26.38 1.88 -3.10
CHESTROR_138KV_BK263 355645	25.12 1.13 -3.08	23.67 1.13 -1.62	22.46 1.06 -1.34	21.20 0.92 -1.96	20.90 0.89 -2.28	20.49 0.97 -0.17	19.91 0.90 -0.64	21.01 0.99 -1.25	22.17 1.18 -0.35	24.09 1.19 -2.03	24.82 1.14 -3.28	26.22 1.28 -4.37	28.26 1.36 -5.95	29.72 1.41 -7.34	32.44 1.45 -9.64	32.57 1.46 -8.96	46.11 1.46 -22.84	47.15 1.78 -18.43	45.96 1.80 -16.44	41.66 1.85 -11.36	34.49 1.78 -3.01	31.99 1.81 -1.50	27.88 1.39 -4.70	25.49 1.28 -2.81
CH_MIDHUDSON___DRP 24192	25.72 1.34 -3.47	24.08 1.34 -1.83	22.83 1.26 -1.51	21.65 1.12 -2.21	21.37 1.06 -2.57	20.71 1.16 -0.19	20.16 1.07 -0.72	21.36 1.18 -1.41	22.42 1.38 -0.39	24.57 1.42 -2.28	25.44 1.35 -3.69	27.00 1.50 -4.93	29.27 1.61 -6.70	30.91 1.66 -8.28	33.83 1.69 -10.80	33.96 1.71 -10.11	48.97 1.72 -25.45	49.63 2.10 -20.58	48.30 2.13 -18.46	43.45 2.19 -12.81	35.20 2.11 -3.39	32.50 2.12 -1.70	28.69 1.61 -5.30	26.09 1.52 -3.17
CH_MISC_IPPS 23765	25.75 1.44 -3.39	24.13 1.42 -1.79	22.88 1.34 -1.48	21.66 1.17 -2.16	21.36 1.12 -2.51	20.78 1.24 -0.19	20.20 1.12 -0.71	21.38 1.24 -1.38	22.49 1.47 -0.38	24.61 1.50 -2.23	25.46 1.45 -3.61	26.95 1.56 -4.81	29.23 1.72 -6.55	30.83 1.76 -8.09	33.70 1.77 -10.58	33.89 1.86 -9.88	48.66 1.88 -24.98	49.42 2.29 -20.19	48.14 2.35 -18.07	43.39 2.42 -12.52	35.34 2.32 -3.31	32.64 2.30 -1.66	28.70 1.74 -5.18	26.10 1.61 -3.10
CH_RES_BVR_FALLS 23983	20.60 -0.31 0.00	20.60 -0.31 0.00	19.77 -0.28 0.00	18.11 -0.22 0.00	17.52 -0.21 0.00	19.12 -0.23 0.00	18.15 -0.22 0.00	18.55 -0.21 0.00	20.40 -0.25 0.00	20.58 -0.29 0.00	20.14 -0.27 0.00	20.30 -0.27 0.00	20.60 -0.36 0.00	20.60 -0.38 0.00	21.01 -0.34 0.00	21.71 -0.44 0.00	21.41 -0.39 0.00	26.48 -0.46 0.00	27.30 -0.41 0.00	28.02 -0.43 0.00	29.23 -0.48 0.00	28.20 -0.49 0.00	21.41 -0.37 0.00	21.01 -0.38 0.00

CH_RES_NIAGARA 23895	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.21 -1.49 -0.06	19.71 -1.48 -0.32	19.44 -1.49 -0.52	19.76 -1.50 -0.69	20.94 -0.96 -0.95	21.28 -0.86 -1.17	21.50 -1.34 -1.50	22.78 -0.80 -1.42	24.27 -1.00 -3.47	28.45 -1.32 -2.82	28.56 -1.72 -2.57	28.57 -1.68 -1.81	28.55 -1.63 -0.48	27.69 -1.23 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
CH_RES_SYRACUSE 23985	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 -0.04 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.04 0.00 -0.47	21.68 0.08 -0.64	21.87 0.11 -0.79	22.42 0.06 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.14 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.93 0.09 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
CLINTON_WT_PWR 323605	20.43 -0.48 0.00	20.45 -0.46 0.00	19.57 -0.48 0.00	17.94 -0.39 0.00	17.40 -0.34 0.00	18.94 -0.41 0.00	18.00 -0.37 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.91 -0.49 0.00	20.04 -0.53 0.00	20.12 -0.84 0.00	19.97 -1.01 0.00	20.34 -1.00 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.08 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.71 -0.98 0.00	21.06 -0.72 0.00	20.60 -0.79 0.00
CLINTON___LFGE 323618	20.62 -0.29 0.00	20.62 -0.29 0.00	19.71 -0.34 0.00	18.07 -0.26 0.00	17.52 -0.21 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.55 -0.21 0.00	20.40 -0.25 0.00	20.56 -0.31 0.00	20.06 -0.35 0.00	20.20 -0.37 0.00	20.27 -0.69 0.00	20.12 -0.86 0.00	20.49 -0.85 0.00	21.11 -1.04 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.07 -0.37 0.00	29.32 -0.39 0.00	27.94 -0.75 0.00	21.26 -0.52 0.00	20.75 -0.64 0.00
COBBLENY_34_KV_TB1 80064	21.32 -0.15 -0.55	21.04 -0.17 -0.29	19.89 -0.40 -0.24	18.16 -0.51 -0.35	17.70 -0.44 -0.41	18.86 -0.52 -0.03	17.84 -0.64 -0.11	18.25 -0.73 -0.22	19.69 -1.01 -0.06	20.23 -1.00 -0.36	19.99 -1.00 -0.59	20.34 -1.01 -0.78	21.54 -0.48 -1.06	21.93 -0.36 -1.31	22.73 -0.30 -1.68	23.51 -0.24 -1.60	25.31 -0.39 -3.90	29.55 -0.57 -3.18	29.69 -0.91 -2.89	29.65 -0.82 -2.03	29.50 -0.74 -0.54	28.49 -0.46 -0.27	22.23 -0.39 -0.84	22.05 0.15 -0.50
COFFEEN___115KV_TB3 355620	21.05 -0.04 -0.18	21.03 0.02 -0.09	20.07 -0.06 -0.08	18.33 -0.11 -0.11	17.78 -0.09 -0.13	19.38 0.02 -0.01	18.33 -0.07 -0.04	18.66 -0.17 -0.07	20.37 -0.29 -0.02	20.70 -0.29 -0.12	20.22 -0.37 -0.19	20.41 -0.41 -0.25	20.83 -0.46 -0.34	20.93 -0.46 -0.42	21.41 -0.47 -0.54	22.33 -0.33 -0.51	22.76 -0.28 -1.24	27.85 -0.11 -1.01	28.83 0.19 -0.92	29.49 0.40 -0.65	30.35 0.48 -0.17	29.11 0.34 -0.09	22.14 0.09 -0.27	21.58 0.02 -0.16
COLDSPRG_115KV_BK1 355956	21.88 0.40 -0.57	21.57 0.36 -0.30	20.42 0.12 -0.25	18.62 -0.07 -0.36	18.18 0.02 -0.42	19.38 0.00 -0.03	18.32 -0.17 -0.12	18.84 -0.15 -0.23	20.27 -0.43 -0.06	20.83 -0.42 -0.38	20.56 -0.45 -0.61	20.93 -0.45 -0.81	22.08 0.02 -1.10	22.45 0.10 -1.36	23.22 0.13 -1.75	24.08 0.27 -1.67	25.95 0.09 -4.06	30.33 0.08 -3.30	30.55 -0.17 -3.00	30.58 0.03 -2.11	30.44 0.18 -0.56	29.42 0.46 -0.28	22.94 0.28 -0.87	22.69 0.77 -0.52
COLONIE_LFGE___ 323577	26.27 0.94 -4.42	24.19 0.94 -2.33	22.86 0.88 -1.93	21.94 0.81 -2.81	21.80 0.80 -3.27	20.47 0.87 -0.25	20.12 0.83 -0.92	21.35 0.79 -1.80	22.07 0.93 -0.50	24.72 0.94 -2.91	26.05 0.94 -4.70	27.83 0.99 -6.27	30.54 1.05 -8.54	32.59 1.07 -10.54	35.45 1.02 -13.08	36.17 1.15 -12.87	52.34 1.11 -29.43	52.62 1.40 -24.27	51.79 1.41 -22.66	46.23 1.48 -16.31	35.62 1.60 -4.32	32.39 1.55 -2.16	29.66 1.13 -6.75	26.55 1.11 -4.04
COOPERNY_115KV_TB1 80082	24.07 0.86 -2.30	22.98 0.86 -1.21	21.86 0.80 -1.00	20.49 0.70 -1.46	20.09 0.66 -1.70	20.20 0.72 -0.13	19.53 0.68 -0.48	20.45 0.75 -0.94	21.77 0.87 -0.26	23.28 0.90 -1.51	23.71 0.86 -2.45	24.80 0.97 -3.26	26.45 1.05 -4.44	27.53 1.07 -5.49	29.62 1.11 -7.16	29.97 1.13 -6.70	39.82 1.11 -16.90	41.96 1.35 -13.67	41.31 1.36 -12.24	38.33 1.39 -8.49	33.29 1.34 -2.25	31.18 1.38 -1.12	26.34 1.05 -3.51	24.48 0.98 -2.10
COPENHAGEN_WT_PWR 323753	20.86 -0.23 -0.18	20.84 -0.17 -0.10	19.89 -0.24 -0.08	18.19 -0.26 -0.12	17.64 -0.23 -0.13	19.19 -0.17 -0.01	18.19 -0.22 -0.04	18.51 -0.32 -0.07	20.23 -0.43 -0.02	20.57 -0.42 -0.19	20.09 -0.51 -0.26	20.29 -0.53 -0.35	20.72 -0.59 -0.43	20.82 -0.59 -0.55	21.28 -0.62 -0.53	22.19 -0.49 -0.53	22.65 -0.44 -1.28	27.67 -0.32 -1.05	28.58 -0.08 -0.95	29.17 0.06 -0.67	29.97 0.09 -0.18	28.77 0.00 -0.09	21.91 -0.15 -0.28	21.39 -0.17 -0.17
CORNELL___ 23752	22.13 0.52 -0.70	21.81 0.52 -0.37	20.76 0.40 -0.30	19.08 0.31 -0.44	18.55 0.30 -0.52	19.76 0.37 -0.04	18.88 0.37 -0.15	19.38 0.34 -0.28	21.03 0.31 -0.08	21.67 0.33 -0.46	21.46 0.31 -0.74	21.85 0.29 -0.99	22.73 0.42 -1.35	23.11 0.46 -1.67	24.00 0.51 -2.14	24.76 0.58 -2.04	27.33 0.57 -4.96	31.74 0.75 -4.04	32.22 0.83 -3.67	31.85 0.82 -2.58	31.31 0.92 -0.68	29.91 0.89 -0.34	23.44 0.59 -1.07	22.66 0.62 -0.64
CORONA_AAV_69_KV_TB1 355595	35.51 1.99 -12.61	31.89 1.99 -8.99	29.26 1.89 -7.32	26.52 1.67 -6.52	26.25 1.61 -6.90	26.34 1.74 -5.25	26.17 1.64 -6.16	26.88 1.78 -6.34	28.95 2.00 -6.31	32.18 2.05 -9.26	37.30 1.94 -14.96	44.14 2.16 -21.41	49.37 2.28 -26.13	57.37 2.33 -34.07	46.03 2.39 -22.29	49.29 2.41 -24.73	53.99 2.42 -29.77	51.17 2.94 -21.29	49.28 2.99 -18.57	44.39 3.07 -12.87	36.79 2.97 -4.11	36.35 3.01 -4.65	37.89 2.40 -13.71	36.28 2.27 -12.62
CORTLAND_115KV_TB3 80093	21.80 0.31 -0.57	21.53 0.31 -0.30	20.52 0.22 -0.25	18.86 0.16 -0.36	18.32 0.16 -0.42	19.58 0.19 -0.03	18.67 0.18 -0.12	19.16 0.17 -0.23	20.87 0.17 -0.06	21.44 0.19 -0.38	21.18 0.16 -0.61	21.53 0.14 -0.81	22.33 0.27 -1.10	22.65 0.31 -1.36	23.46 0.36 -1.75	24.21 0.40 -1.66	26.23 0.37 -4.05	30.70 0.46 -3.30	31.18 0.47 -3.00	31.04 0.48 -2.11	30.80 0.53 -0.56	29.48 0.52 -0.28	23.00 0.35 -0.87	22.30 0.39 -0.52
COXSACKIE___GT 23611	26.26 1.28 -4.07	24.28 1.21 -2.15	22.95 1.12 -1.78	21.93 1.01 -2.59	21.78 1.03 -3.01	20.80 1.22 -0.23	20.25 1.03 -0.85	21.43 1.01 -1.66	22.34 1.24 -0.46	24.72 1.17 -2.68	25.93 1.18 -4.34	27.59 1.23 -5.78	30.21 1.38 -7.87	32.15 1.45 -9.72	35.12 1.45 -12.32	35.63 1.62 -11.87	51.74 1.68 -28.25	52.24 2.18 -23.11	51.28 2.35 -21.22	46.05 2.56 -15.04	36.33 2.64 -3.98	33.17 2.49 -1.99	29.70 1.70 -6.22	26.64 1.52 -3.73
CPV_VALLEY___CC1 323721	24.70 0.98 -2.80	23.35 0.96 -1.48	22.20 0.92 -1.22	20.90 0.79 -1.78	20.57 0.76 -2.07	20.34 0.83 -0.16	19.72 0.77 -0.58	20.76 0.86 -1.14	21.97 1.01 -0.32	23.76 1.04 -1.84	24.36 0.98 -2.98	25.64 1.09 -3.98	27.56 1.19 -5.41	28.87 1.22 -6.68	31.32 1.22 -8.76	31.59 1.28 -8.16	43.83 1.29 -20.74	45.22 1.53 -16.74	44.21 1.55 -14.95	40.38 1.59 -10.34	33.98 1.54 -2.74	31.57 1.52 -1.37	27.26 1.20 -4.28	25.05 1.09 -2.56

CPV_VALLEY___CC2 323722	24.70 0.98 -2.80	23.35 0.96 -1.48	22.20 0.92 -1.22	20.90 0.79 -1.78	20.57 0.76 -2.07	20.34 0.83 -0.16	19.72 0.77 -0.58	20.76 0.86 -1.14	21.97 1.01 -0.32	23.76 1.04 -1.84	24.36 0.98 -2.98	25.64 1.09 -3.98	27.56 1.19 -5.41	28.87 1.22 -6.68	31.32 1.22 -8.76	31.59 1.28 -8.16	43.83 1.29 -20.74	45.22 1.53 -16.74	44.21 1.55 -14.95	40.38 1.59 -10.34	33.98 1.54 -2.74	31.57 1.52 -1.37	27.26 1.20 -4.28	25.05 1.09 -2.56
CRESCENT___HYD 24018	26.27 0.94 -4.42	24.19 0.94 -2.33	22.86 0.88 -1.93	21.94 0.81 -2.81	21.80 0.80 -3.27	20.47 0.87 -0.25	20.12 0.83 -0.92	21.35 0.79 -1.80	22.07 0.93 -0.50	24.72 0.94 -2.91	26.05 0.94 -4.70	27.83 0.99 -6.27	30.54 1.05 -8.54	32.59 1.07 -10.54	35.45 1.02 -13.08	36.17 1.15 -12.87	52.34 1.11 -29.43	52.62 1.40 -24.27	51.79 1.41 -22.66	46.23 1.48 -16.31	35.62 1.60 -4.32	32.39 1.55 -2.16	29.66 1.13 -6.75	26.55 1.11 -4.04
CRICKET___VALLEY_CC1 323756	25.61 1.09 -3.61	23.95 1.13 -1.91	22.71 1.08 -1.58	21.60 0.97 -2.30	21.33 0.92 -2.67	20.56 1.01 -0.20	20.06 0.94 -0.75	21.24 1.01 -1.47	22.23 1.18 -0.41	24.42 1.17 -2.38	25.35 1.10 -3.85	26.92 1.21 -5.13	29.26 1.32 -6.98	30.88 1.28 -8.63	29.43 1.26 -6.82	34.03 1.35 -10.53	29.85 1.33 -6.72	37.11 1.59 -8.58	43.00 1.61 -13.68	43.41 1.65 -13.31	34.87 1.63 -3.53	32.05 1.61 -1.77	28.59 1.28 -5.52	25.96 1.26 -3.31
CRICKET___VALLEY_CC2 323757	25.61 1.09 -3.61	23.95 1.13 -1.91	22.71 1.08 -1.58	21.60 0.97 -2.30	21.33 0.92 -2.67	20.56 1.01 -0.20	20.06 0.94 -0.75	21.24 1.01 -1.47	22.23 1.18 -0.41	24.42 1.17 -2.38	25.35 1.10 -3.85	26.92 1.21 -5.13	29.26 1.32 -6.98	30.88 1.28 -8.63	29.43 1.26 -6.82	34.03 1.35 -10.53	29.85 1.33 -6.72	37.11 1.59 -8.58	43.00 1.61 -13.68	43.41 1.65 -13.31	34.87 1.63 -3.53	32.05 1.61 -1.77	28.59 1.28 -5.52	25.96 1.26 -3.31
CRICKET___VALLEY_CC3 323758	25.61 1.09 -3.61	23.95 1.13 -1.91	22.71 1.08 -1.58	21.60 0.97 -2.30	21.33 0.92 -2.67	20.56 1.01 -0.20	20.06 0.94 -0.75	21.24 1.01 -1.47	22.23 1.18 -0.41	24.42 1.17 -2.38	25.35 1.10 -3.85	26.92 1.21 -5.13	29.26 1.32 -6.98	30.88 1.28 -8.63	29.43 1.26 -6.82	34.03 1.35 -10.53	29.85 1.33 -6.72	37.11 1.59 -8.58	43.00 1.61 -13.68	43.41 1.65 -13.31	34.87 1.63 -3.53	32.05 1.61 -1.77	28.59 1.28 -5.52	25.96 1.26 -3.31
CRUCIBLE_METL_DRP 24180	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 0.02 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.02 -0.02 -0.47	21.68 0.08 -0.64	21.89 0.13 -0.79	22.53 0.17 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.13 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.90 0.06 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
DAHOWA___HYDRO 323763	26.56 1.15 -4.49	24.44 1.15 -2.37	23.06 1.04 -1.96	22.12 0.93 -2.86	22.02 0.96 -3.33	20.63 1.02 -0.25	20.28 0.97 -0.93	21.53 0.94 -1.83	22.24 1.09 -0.51	24.94 1.11 -2.96	26.25 1.06 -4.79	28.04 1.09 -6.38	30.77 1.13 -8.69	32.88 1.17 -10.73	35.87 1.13 -13.39	36.48 1.24 -13.09	53.42 1.33 -30.29	53.57 1.70 -24.92	52.65 1.78 -23.16	46.92 1.88 -16.60	36.26 2.17 -4.39	32.89 2.01 -2.20	30.04 1.40 -6.86	26.81 1.31 -4.11
DANC___LFGE 323619	20.83 -0.29 -0.21	20.75 -0.27 -0.11	19.82 -0.32 -0.09	18.13 -0.33 -0.13	17.61 -0.28 -0.16	19.07 -0.29 -0.01	18.12 -0.29 -0.04	18.47 -0.38 -0.09	20.21 -0.45 -0.02	20.57 -0.44 -0.14	20.14 -0.49 -0.23	20.34 -0.53 -0.30	20.84 -0.52 -0.41	20.96 -0.52 -0.51	21.42 -0.58 -0.65	22.30 -0.47 -0.62	22.87 -0.44 -1.51	27.77 -0.40 -1.23	28.55 -0.28 -1.11	29.03 -0.20 -0.78	29.73 -0.18 -0.21	28.56 -0.23 -0.10	21.82 -0.28 -0.32	21.31 -0.28 -0.19
DANSKAMMER___1 23586	25.75 1.44 -3.39	24.13 1.42 -1.79	22.88 1.34 -1.48	21.66 1.17 -2.16	21.36 1.12 -2.51	20.78 1.24 -0.19	20.20 1.12 -0.71	21.38 1.24 -1.38	22.49 1.47 -0.38	24.61 1.50 -2.23	25.46 1.45 -3.61	26.95 1.56 -4.81	29.23 1.72 -6.55	30.83 1.76 -8.09	33.70 1.77 -10.58	33.89 1.86 -9.88	48.66 1.88 -24.98	49.42 2.29 -20.19	48.14 2.35 -18.07	43.39 2.42 -12.52	35.34 2.32 -3.31	32.64 2.30 -1.66	28.70 1.74 -5.18	26.10 1.61 -3.10
DANSKAMMER___2 23589	25.75 1.44 -3.39	24.13 1.42 -1.79	22.88 1.34 -1.48	21.66 1.17 -2.16	21.36 1.12 -2.51	20.78 1.24 -0.19	20.20 1.12 -0.71	21.38 1.24 -1.38	22.49 1.47 -0.38	24.61 1.50 -2.23	25.46 1.45 -3.61	26.95 1.56 -4.81	29.23 1.72 -6.55	30.83 1.76 -8.09	33.70 1.77 -10.58	33.89 1.86 -9.88	48.66 1.88 -24.98	49.42 2.29 -20.19	48.14 2.35 -18.07	43.39 2.42 -12.52	35.34 2.32 -3.31	32.64 2.30 -1.66	28.70 1.74 -5.18	26.10 1.61 -3.10
DANSKAMMER___3 23590	25.75 1.44 -3.39	24.13 1.42 -1.79	22.88 1.34 -1.48	21.66 1.17 -2.16	21.36 1.12 -2.51	20.78 1.24 -0.19	20.20 1.12 -0.71	21.38 1.24 -1.38	22.49 1.47 -0.38	24.61 1.50 -2.23	25.46 1.45 -3.61	26.95 1.56 -4.81	29.23 1.72 -6.55	30.83 1.76 -8.09	33.70 1.77 -10.58	33.89 1.86 -9.88	48.66 1.88 -24.98	49.42 2.29 -20.19	48.14 2.35 -18.07	43.39 2.42 -12.52	35.34 2.32 -3.31	32.64 2.30 -1.66	28.70 1.74 -5.18	26.10 1.61 -3.10
DANSKAMMER___4 23591	25.75 1.44 -3.39	24.13 1.42 -1.79	22.88 1.34 -1.48	21.66 1.17 -2.16	21.36 1.12 -2.51	20.78 1.24 -0.19	20.20 1.12 -0.71	21.38 1.24 -1.38	22.49 1.47 -0.38	24.61 1.50 -2.23	25.46 1.45 -3.61	26.95 1.56 -4.81	29.23 1.72 -6.55	30.83 1.76 -8.09	33.70 1.77 -10.58	33.89 1.86 -9.88	48.66 1.88 -24.98	49.42 2.29 -20.19	48.14 2.35 -18.07	43.39 2.42 -12.52	35.34 2.32 -3.31	32.64 2.30 -1.66	28.70 1.74 -5.18	26.10 1.61 -3.10
DANSKAMMER___DIESEL 23592	25.75 1.44 -3.39	24.13 1.42 -1.79	22.88 1.34 -1.48	21.66 1.17 -2.16	21.36 1.12 -2.51	20.78 1.24 -0.19	20.20 1.12 -0.71	21.38 1.24 -1.38	22.49 1.47 -0.38	24.61 1.50 -2.23	25.46 1.45 -3.61	26.99 1.60 -4.81	29.23 1.72 -6.55	30.85 1.78 -8.09	33.76 1.84 -10.58	33.89 1.86 -9.88	48.66 1.88 -24.98	49.42 2.29 -20.19	48.11 2.33 -18.07	43.39 2.42 -12.52	35.30 2.29 -3.31	32.66 2.32 -1.66	28.70 1.74 -5.18	26.10 1.60 -3.10
DARBY___SOLAR 323810	26.52 1.13 -4.48	24.41 1.13 -2.37	23.03 1.02 -1.96	22.11 0.93 -2.85	21.99 0.94 -3.32	20.61 1.01 -0.25	20.26 0.95 -0.93	21.51 0.92 -1.83	22.24 1.09 -0.51	24.93 1.11 -2.95	26.26 1.08 -4.77	28.03 1.09 -6.37	30.77 1.15 -8.67	32.87 1.20 -10.70	35.84 1.15 -13.34	36.47 1.26 -13.06	53.27 1.31 -30.16	53.44 1.67 -24.83	52.55 1.75 -23.09	46.82 1.82 -16.56	36.16 2.08 -4.38	32.83 1.95 -2.19	30.00 1.37 -6.85	26.78 1.28 -4.10
DASHVILLE___HYD 23610	25.47 1.05 -3.51	23.79 1.02 -1.85	22.57 0.98 -1.53	21.40 0.84 -2.23	21.08 0.74 -2.60	20.50 0.95 -0.20	19.89 0.79 -0.73	21.11 0.92 -1.43	22.13 1.09 -0.40	24.29 1.11 -2.31	25.18 1.04 -3.74	26.77 1.21 -4.98	29.06 1.32 -6.78	30.72 1.36 -8.38	33.57 1.39 -10.83	33.77 1.40 -10.22	48.57 1.44 -25.33	49.25 1.75 -20.55	48.04 1.77 -18.56	43.26 1.85 -12.96	34.83 1.69 -3.43	32.15 1.75 -1.72	28.49 1.35 -5.36	25.80 1.20 -3.21

DEERFIELD_69_KV_DEERFIELD LD 355887	37.57 3.53 -13.12	33.40 3.49 -8.99	30.60 3.23 -7.32	27.66 2.80 -6.52	27.33 2.70 -6.90	27.52 2.92 -5.25	27.27 2.74 -6.16	28.06 2.96 -6.34	30.36 3.41 -6.31	33.74 3.61 -9.26	39.71 3.47 -15.83	45.68 3.70 -21.41	50.90 3.81 -26.13	84.92 3.94 -60.00	136.20 3.97 -110.88	146.73 4.10 -120.49	144.87 4.06 -119.01	224.39 4.98 -192.46	193.87 5.04 -161.11	136.54 5.12 -102.97	136.39 5.08 -101.61	87.79 5.02 -54.08	49.09 3.86 -23.45	37.80 3.70 -12.70
DELAWARE___LFGE 323621	22.93 0.79 -1.23	22.36 0.79 -0.65	21.31 0.72 -0.54	19.73 0.62 -0.78	19.25 0.60 -0.91	20.10 0.68 -0.07	19.25 0.62 -0.26	19.92 0.66 -0.50	21.54 0.76 -0.14	22.47 0.79 -0.81	22.47 0.75 -1.31	23.14 0.82 -1.74	24.23 0.90 -2.37	24.85 0.94 -2.93	26.06 0.96 -3.75	26.74 1.02 -3.58	31.47 0.96 -8.71	35.19 1.16 -7.09	35.35 1.19 -6.45	34.26 1.28 -4.53	32.21 1.31 -1.20	30.57 1.29 -0.60	24.59 0.94 -1.87	23.44 0.92 -1.12
DERFIELD_115KV_TB7 355931	20.98 0.06 0.00	20.98 0.06 0.00	20.09 0.04 0.00	18.37 0.04 0.00	17.77 0.04 0.00	19.39 0.04 0.00	18.41 0.04 0.00	18.80 0.04 0.00	20.68 0.04 0.00	20.91 0.04 0.00	20.45 0.04 0.00	20.61 0.04 0.00	21.00 0.04 0.00	21.02 0.04 0.00	21.39 0.04 0.00	22.22 0.07 0.00	21.85 0.04 0.00	27.00 0.05 0.00	27.77 0.06 0.00	28.53 0.09 0.00	29.82 0.12 0.00	28.80 0.11 0.00	21.87 0.09 0.00	21.48 0.09 0.00
DOGLEVILLE___HYD 23807	20.85 -0.06 0.00	20.87 -0.04 0.00	20.01 -0.04 0.00	18.26 -0.07 0.00	17.58 -0.16 0.00	19.28 -0.08 0.00	18.24 -0.13 0.00	18.55 -0.21 0.00	20.42 -0.23 0.00	20.64 -0.23 0.00	20.14 -0.27 0.00	20.28 -0.29 0.00	20.64 -0.31 0.00	20.64 -0.34 0.00	20.94 -0.41 0.00	21.75 -0.40 0.00	21.39 -0.41 0.00	26.46 -0.48 0.00	27.30 -0.41 0.00	28.10 -0.34 0.00	29.50 -0.21 0.00	28.48 -0.20 0.00	21.63 -0.15 0.00	21.27 -0.13 0.00
DUNKIRK___115KV_TB_200 55889	21.63 0.17 -0.55	21.35 0.15 -0.29	20.21 -0.08 -0.24	18.44 -0.24 -0.35	18.00 -0.14 -0.40	19.15 -0.23 -0.03	18.15 -0.33 -0.11	18.59 -0.39 -0.22	20.06 -0.64 -0.06	20.58 -0.65 -0.36	20.31 -0.67 -0.58	20.67 -0.68 -0.78	21.82 -0.19 -1.06	22.20 -0.08 -1.30	22.98 -0.04 -1.67	23.79 0.04 -1.59	25.57 -0.11 -3.88	29.91 -0.19 -3.16	30.08 -0.50 -2.87	30.09 -0.37 -2.02	30.00 -0.24 -0.53	29.01 0.06 -0.27	22.62 0.00 -0.83	22.43 0.53 -0.50
DUNKIRK___1 23563	21.63 0.17 -0.55	21.35 0.15 -0.29	20.21 -0.08 -0.24	18.44 -0.24 -0.35	18.00 -0.14 -0.40	19.15 -0.23 -0.03	18.15 -0.33 -0.11	18.59 -0.39 -0.22	20.06 -0.64 -0.06	20.58 -0.65 -0.36	20.31 -0.67 -0.58	20.67 -0.68 -0.78	21.82 -0.19 -1.06	22.20 -0.08 -1.30	22.98 -0.04 -1.67	23.79 0.04 -1.59	25.57 -0.11 -3.88	29.91 -0.19 -3.16	30.08 -0.50 -2.87	30.09 -0.37 -2.02	30.00 -0.24 -0.53	29.01 0.06 -0.27	22.62 0.00 -0.83	22.43 0.53 -0.50
DUNKIRK___2 23564	21.63 0.17 -0.55	21.35 0.15 -0.29	20.21 -0.08 -0.24	18.44 -0.24 -0.35	18.00 -0.14 -0.40	19.15 -0.23 -0.03	18.15 -0.33 -0.11	18.59 -0.39 -0.22	20.06 -0.64 -0.06	20.58 -0.65 -0.36	20.31 -0.67 -0.58	20.67 -0.68 -0.78	21.82 -0.19 -1.06	22.20 -0.08 -1.30	22.98 -0.04 -1.67	23.79 0.04 -1.59	25.57 -0.11 -3.88	29.91 -0.19 -3.16	30.08 -0.50 -2.87	30.09 -0.37 -2.02	30.00 -0.24 -0.53	29.01 0.06 -0.27	22.62 0.00 -0.83	22.43 0.53 -0.50
DUNKIRK___3 23565	21.48 0.02 -0.54	21.20 0.00 -0.29	20.07 -0.22 -0.24	18.33 -0.35 -0.35	17.87 -0.27 -0.40	19.01 -0.37 -0.03	18.02 -0.46 -0.11	18.46 -0.53 -0.22	19.92 -0.78 -0.06	20.44 -0.79 -0.36	20.19 -0.80 -0.58	20.52 -0.82 -0.77	21.70 -0.31 -1.05	22.07 -0.21 -1.30	22.84 -0.17 -1.67	23.65 -0.09 -1.59	25.41 -0.26 -3.87	29.71 -0.38 -3.15	29.88 -0.69 -2.86	29.89 -0.57 -2.01	29.76 -0.48 -0.53	28.78 -0.17 -0.27	22.44 -0.17 -0.83	22.24 0.34 -0.50
DUNKIRK___4 23566	21.48 0.02 -0.54	21.20 0.00 -0.29	20.07 -0.22 -0.24	18.33 -0.35 -0.35	17.87 -0.27 -0.40	19.01 -0.37 -0.03	18.02 -0.46 -0.11	18.46 -0.53 -0.22	19.92 -0.78 -0.06	20.44 -0.79 -0.36	20.19 -0.80 -0.58	20.52 -0.82 -0.77	21.70 -0.31 -1.05	22.07 -0.21 -1.30	22.84 -0.17 -1.67	23.65 -0.09 -1.59	25.41 -0.26 -3.87	29.71 -0.38 -3.15	29.88 -0.69 -2.86	29.89 -0.57 -2.01	29.76 -0.48 -0.53	28.78 -0.17 -0.27	22.44 -0.17 -0.83	22.24 0.34 -0.50
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.85 1.55 -3.39	24.23 1.53 -1.79	22.98 1.44 -1.48	21.75 1.26 -2.15	21.45 1.21 -2.51	20.86 1.32 -0.19	20.31 1.23 -0.70	21.51 1.37 -1.38	22.61 1.59 -0.38	24.75 1.65 -2.23	25.58 1.57 -3.61	27.15 1.77 -4.81	29.37 1.87 -6.55	30.97 1.91 -8.09	33.96 1.96 -10.65	33.97 1.95 -9.87	49.08 1.98 -25.29	49.73 2.40 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.75 2.41 -1.66	28.81 1.85 -5.18	26.21 1.71 -3.10
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.43 1.25 -3.26	23.89 1.25 -1.72	22.66 1.18 -1.42	21.43 1.03 -2.07	21.12 0.98 -2.41	20.62 1.08 -0.18	20.04 0.99 -0.68	21.19 1.11 -1.33	22.31 1.30 -0.37	24.33 1.31 -2.15	25.12 1.24 -3.47	26.62 1.42 -4.63	28.76 1.51 -6.30	30.33 1.57 -7.78	33.12 1.60 -10.18	33.26 1.62 -9.49	47.49 1.64 -24.05	48.36 1.99 -19.43	47.11 2.02 -17.38	42.59 2.10 -12.04	34.88 1.99 -3.18	32.31 2.04 -1.59	28.31 1.55 -4.98	25.79 1.41 -2.98
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.11 1.80 -3.40	24.47 1.76 -1.80	23.20 1.66 -1.49	21.94 1.45 -2.16	21.63 1.38 -2.52	21.06 1.51 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.59 1.57 -0.38	24.79 1.69 -2.23	25.58 1.57 -3.61	27.21 1.83 -4.81	29.48 1.97 -6.55	31.12 2.06 -8.09	34.04 2.05 -10.65	33.93 1.90 -9.87	49.15 2.05 -25.29	49.81 2.48 -20.39	48.19 2.33 -18.15	43.27 2.30 -12.52	35.21 2.20 -3.31	32.95 2.61 -1.66	29.08 2.11 -5.18	26.47 1.97 -3.11
E179THST_13_KV_LOAD 356214	26.21 1.90 -3.40	24.59 1.88 -1.80	23.32 1.78 -1.49	22.01 1.52 -2.16	21.72 1.47 -2.52	21.15 1.61 -0.20	20.45 1.38 -0.70	21.70 1.56 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.34 1.95 -4.81	29.60 2.10 -6.55	31.25 2.18 -8.09	34.17 2.18 -10.65	34.04 2.02 -9.87	49.28 2.18 -25.29	49.97 2.64 -20.39	48.36 2.49 -18.15	43.47 2.50 -12.52	35.39 2.38 -3.31	33.12 2.78 -1.66	29.19 2.22 -5.18	26.60 2.10 -3.11
EAST HAMPTON___GT 23717	38.05 4.02 -13.13	33.88 3.97 -8.99	31.03 3.65 -7.32	28.04 3.19 -6.52	27.67 3.03 -6.90	27.95 3.35 -5.25	27.64 3.11 -6.16	28.47 3.38 -6.34	30.85 3.90 -6.31	34.27 4.13 -9.26	40.26 4.02 -15.83	46.19 4.22 -21.41	51.50 4.42 -26.13	85.45 4.47 -60.00	136.73 4.48 -110.90	147.43 4.78 -120.50	145.54 4.71 -119.03	225.20 5.77 -192.49	195.29 5.85 -161.74	137.32 5.89 -102.99	137.21 5.88 -101.63	88.48 5.71 -54.09	49.59 4.36 -23.45	38.27 4.17 -12.70
EAST RIVER___6 23660	26.02 1.72 -3.39	24.38 1.67 -1.79	23.12 1.58 -1.48	21.84 1.36 -2.15	21.57 1.33 -2.51	20.99 1.45 -0.19	20.42 1.34 -0.70	21.70 1.56 -1.38	22.78 1.75 -0.38	24.92 1.81 -2.23	25.69 1.67 -3.61	27.21 1.83 -4.81	29.52 2.01 -6.55	31.08 2.01 -8.09	34.02 2.03 -10.65	34.10 2.08 -9.87	49.25 2.16 -25.29	49.92 2.59 -20.39	48.44 2.58 -18.15	43.61 2.65 -12.52	35.48 2.46 -3.31	32.86 2.52 -1.66	28.96 2.00 -5.18	26.34 1.84 -3.10

EAST RIVER___7 23524	26.02 1.72 -3.39	24.38 1.67 -1.79	23.12 1.58 -1.48	21.84 1.36 -2.15	21.57 1.33 -2.51	20.99 1.45 -0.19	20.42 1.34 -0.70	21.70 1.56 -1.38	22.78 1.75 -0.38	24.92 1.81 -2.23	25.69 1.67 -3.61	27.21 1.83 -4.81	29.52 2.01 -6.55	31.08 2.01 -8.09	34.02 2.03 -10.65	34.10 2.08 -9.87	49.25 2.16 -25.29	49.92 2.59 -20.39	48.44 2.58 -18.15	43.61 2.65 -12.52	35.48 2.46 -3.31	32.86 2.52 -1.66	28.96 2.00 -5.18	26.34 1.84 -3.10
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.78 1.48 -3.38	24.16 1.46 -1.78	22.91 1.38 -1.47	21.69 1.21 -2.15	21.39 1.15 -2.50	20.80 1.26 -0.19	20.25 1.18 -0.70	21.45 1.31 -1.38	22.53 1.51 -0.38	24.66 1.57 -2.22	25.49 1.49 -3.60	27.06 1.69 -4.80	29.27 1.78 -6.53	30.87 1.82 -8.07	33.84 1.88 -10.62	33.88 1.88 -9.84	48.92 1.90 -25.22	49.56 2.29 -20.33	48.11 2.30 -18.10	43.29 2.36 -12.48	35.26 2.26 -3.30	32.63 2.29 -1.65	28.71 1.76 -5.16	26.13 1.65 -3.09
EAST_HAMPTON___DIESEL 23722	38.08 4.04 -13.13	33.88 3.97 -8.99	31.05 3.67 -7.32	28.06 3.21 -6.52	27.67 3.03 -6.90	27.95 3.35 -5.25	27.66 3.12 -6.16	28.47 3.38 -6.34	30.85 3.90 -6.31	34.29 4.15 -9.26	40.26 4.02 -15.83	46.21 4.24 -21.41	51.53 4.44 -26.13	85.47 4.49 -60.00	136.75 4.50 -110.90	147.43 4.78 -120.50	145.54 4.71 -119.03	225.23 5.79 -192.49	195.27 5.85 -161.71	137.35 5.92 -102.99	137.21 5.88 -101.62	88.48 5.71 -54.09	49.62 4.38 -23.45	38.29 4.19 -12.70
EAST_PULASKI___ESR 323781	20.88 -0.27 -0.24	20.77 -0.27 -0.13	19.84 -0.32 -0.11	18.17 -0.31 -0.15	17.63 -0.28 -0.18	19.06 -0.31 -0.01	18.13 -0.29 -0.05	18.52 -0.34 -0.10	20.26 -0.41 -0.03	20.66 -0.38 -0.16	20.28 -0.39 -0.26	20.46 -0.45 -0.34	21.03 -0.40 -0.47	21.18 -0.38 -0.58	21.73 -0.36 -0.74	22.52 -0.33 -0.71	23.20 -0.33 -1.72	27.97 -0.38 -1.40	28.66 -0.33 -1.28	29.03 -0.31 -0.90	29.64 -0.30 -0.24	28.46 -0.34 -0.12	21.85 -0.30 -0.37	21.32 -0.30 -0.22
EAST_RIVER___1 323558	25.95 1.65 -3.39	24.31 1.61 -1.79	23.05 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.92 1.37 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.67 -0.38	24.86 1.75 -2.23	25.65 1.63 -3.61	27.17 1.79 -4.81	29.48 1.97 -6.55	31.04 1.97 -8.09	33.98 1.99 -10.65	34.06 2.04 -9.87	49.17 2.07 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.49 2.53 -12.52	35.39 2.38 -3.31	32.81 2.47 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
EAST_RIVER___2 323559	26.02 1.72 -3.39	24.38 1.67 -1.79	23.12 1.58 -1.48	21.84 1.36 -2.15	21.57 1.33 -2.51	20.99 1.45 -0.19	20.42 1.34 -0.70	21.70 1.56 -1.38	22.78 1.75 -0.38	24.92 1.81 -2.23	25.69 1.67 -3.61	27.21 1.83 -4.81	29.52 2.01 -6.55	31.08 2.01 -8.09	34.02 2.03 -10.65	34.10 2.08 -9.87	49.25 2.16 -25.29	49.92 2.59 -20.39	48.44 2.58 -18.15	43.61 2.65 -12.52	35.48 2.46 -3.31	32.86 2.52 -1.66	28.96 2.00 -5.18	26.34 1.84 -3.10
EAST___DELAWARE_HYD 23607	24.88 1.02 -2.94	23.47 1.00 -1.55	22.28 0.94 -1.28	20.99 0.79 -1.87	20.67 0.76 -2.18	20.35 0.83 -0.17	19.72 0.74 -0.61	20.80 0.84 -1.20	21.98 1.01 -0.33	23.83 1.02 -1.94	24.48 0.94 -3.13	25.80 1.05 -4.18	27.84 1.19 -5.68	29.23 1.24 -7.02	31.74 1.26 -9.13	32.07 1.35 -8.57	44.65 1.37 -21.47	46.05 1.73 -17.38	45.16 1.83 -15.62	41.25 1.94 -10.86	34.33 1.75 -2.87	31.87 1.75 -1.44	27.60 1.33 -4.49	25.26 1.18 -2.69
EIGHT_POINT___WT_PWR 323820	21.75 0.19 -0.65	21.44 0.19 -0.34	20.34 0.00 -0.28	18.63 -0.11 -0.41	18.15 -0.07 -0.48	19.35 -0.04 -0.04	18.40 -0.11 -0.14	18.82 -0.21 -0.26	20.34 -0.37 -0.07	20.92 -0.38 -0.43	20.67 -0.43 -0.69	21.06 -0.43 -0.92	22.11 -0.10 -1.26	22.51 -0.02 -1.55	23.01 -0.32 -1.99	24.18 0.13 -1.89	26.48 0.07 -4.61	30.86 0.16 -3.75	31.29 0.17 -3.41	31.10 0.26 -2.40	30.72 0.39 -0.63	29.54 0.54 -0.32	23.10 0.33 -0.99	22.63 0.64 -0.59
ELBRIDGE_115KV_TB2 80188	21.26 0.00 -0.35	21.10 0.00 -0.18	20.13 -0.08 -0.15	18.46 -0.09 -0.22	17.94 -0.05 -0.26	19.27 -0.10 -0.02	18.37 -0.07 -0.07	18.81 -0.09 -0.14	20.56 -0.12 -0.04	21.04 -0.06 -0.23	20.72 -0.06 -0.37	20.94 -0.12 -0.50	21.63 0.00 -0.68	21.83 0.02 -0.84	22.50 0.09 -1.07	23.24 0.07 -1.02	24.33 0.04 -2.48	28.99 0.03 -2.02	29.55 0.00 -1.84	29.68 -0.06 -1.29	30.02 -0.03 -0.34	28.85 0.00 -0.17	22.27 -0.04 -0.53	21.72 0.00 -0.32
ELEC_TRO_TEK 24086	35.34 1.82 -12.61	31.72 1.82 -8.99	29.10 1.72 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.81 1.86 -6.31	32.05 1.92 -9.26	37.16 1.80 -14.96	43.95 1.97 -21.41	49.18 2.10 -26.13	57.22 2.12 -34.13	45.79 2.16 -22.29	49.05 2.17 -24.73	53.75 2.18 -29.77	51.17 2.67 -21.56	49.22 2.72 -18.79	44.32 2.79 -13.09	36.72 2.67 -4.35	36.18 2.72 -4.77	37.65 2.16 -13.71	36.07 2.05 -12.62
ELLENBURG_WT_PWR 323604	20.43 -0.48 0.00	20.45 -0.46 0.00	19.57 -0.48 0.00	17.94 -0.39 0.00	17.40 -0.34 0.00	18.94 -0.41 0.00	18.00 -0.37 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.91 -0.49 0.00	20.04 -0.53 0.00	20.12 -0.84 0.00	19.97 -1.01 0.00	20.34 -1.00 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.08 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.71 -0.98 0.00	21.06 -0.72 0.00	20.60 -0.79 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.28 -0.15 -0.52	21.02 -0.17 -0.27	19.90 -0.38 -0.23	18.18 -0.48 -0.33	17.69 -0.43 -0.38	18.84 -0.54 -0.03	17.85 -0.62 -0.11	18.24 -0.73 -0.21	19.67 -1.03 -0.06	20.19 -1.02 -0.34	19.94 -1.02 -0.55	20.26 -1.05 -0.74	21.45 -0.50 -1.00	21.81 -0.40 -1.24	22.59 -0.34 -1.58	23.37 -0.29 -1.51	25.02 -0.46 -3.68	29.32 -0.62 -2.99	29.41 -1.03 -2.72	29.42 -0.94 -1.91	29.35 -0.86 -0.51	28.39 -0.54 -0.25	22.14 -0.44 -0.79	22.00 0.13 -0.47
EMPIRE_CC_1 323656	25.72 0.65 -4.16	23.76 0.65 -2.20	22.53 0.66 -1.82	21.63 0.66 -2.65	21.44 0.62 -3.08	20.28 0.70 -0.23	19.90 0.66 -0.87	21.02 0.56 -1.70	21.77 0.66 -0.47	24.28 0.67 -2.74	25.49 0.65 -4.43	27.20 0.72 -5.91	29.78 0.78 -8.05	31.69 0.78 -9.93	34.27 0.75 -12.18	35.10 0.82 -12.13	49.63 0.78 -27.04	50.31 0.94 -22.43	49.85 0.97 -21.17	44.81 1.00 -15.37	34.84 1.07 -4.07	31.78 1.06 -2.03	28.95 0.81 -6.36	26.00 0.79 -3.81
EMPIRE_CC_2 323658	25.72 0.65 -4.16	23.76 0.65 -2.20	22.53 0.66 -1.82	21.63 0.66 -2.65	21.44 0.62 -3.08	20.28 0.70 -0.23	19.90 0.66 -0.87	21.02 0.56 -1.70	21.77 0.66 -0.47	24.28 0.67 -2.74	25.49 0.65 -4.43	27.20 0.72 -5.91	29.78 0.78 -8.05	31.69 0.78 -9.93	34.27 0.75 -12.18	35.10 0.82 -12.13	49.63 0.78 -27.04	50.31 0.94 -22.43	49.85 0.97 -21.17	44.81 1.00 -15.37	34.84 1.07 -4.07	31.78 1.06 -2.03	28.95 0.81 -6.36	26.00 0.79 -3.81
ENORWICH_115KV_TB1 80156	23.33 1.48 -0.93	22.99 1.59 -0.49	21.84 1.38 -0.41	20.08 1.15 -0.59	19.49 1.06 -0.69	20.78 1.37 -0.05	19.81 1.25 -0.19	20.34 1.20 -0.38	21.96 1.22 -0.11	22.72 1.23 -0.61	22.52 1.12 -0.99	23.03 1.13 -1.32	24.03 1.28 -1.80	24.56 1.36 -2.22	25.56 1.37 -2.85	26.43 1.57 -2.71	29.96 1.55 -6.61	34.32 1.99 -5.38	34.88 2.27 -4.89	34.44 2.56 -3.44	33.32 2.70 -0.91	31.63 2.50 -0.46	24.93 1.72 -1.42	23.98 1.73 -0.85

ERIE_ST__34_KV_TB1-2 80199	21.14 -0.31 -0.54	20.84 -0.36 -0.28	19.73 -0.56 -0.23	18.01 -0.66 -0.34	17.55 -0.59 -0.40	18.72 -0.66 -0.03	17.69 -0.79 -0.11	18.10 -0.88 -0.22	19.55 -1.16 -0.06	20.08 -1.15 -0.35	19.83 -1.14 -0.57	20.20 -1.13 -0.76	21.39 -0.61 -1.04	21.76 -0.50 -1.28	22.54 -0.45 -1.64	23.34 -0.38 -1.57	25.09 -0.52 -3.81	29.35 -0.70 -3.10	29.45 -1.08 -2.82	29.43 -1.00 -1.99	29.31 -0.92 -0.53	28.31 -0.63 -0.26	22.08 -0.52 -0.82	21.87 -0.02 -0.49
ERIE_WT_PWR 323693	21.34 -0.10 -0.53	21.07 -0.12 -0.28	19.94 -0.34 -0.23	18.21 -0.46 -0.34	17.74 -0.39 -0.39	18.96 -0.43 -0.03	17.88 -0.61 -0.11	18.28 -0.69 -0.22	19.73 -0.97 -0.06	20.26 -0.96 -0.35	19.99 -0.98 -0.56	20.36 -0.97 -0.75	21.50 -0.48 -1.03	21.89 -0.36 -1.27	22.16 -0.81 -1.62	23.45 -0.24 -1.55	25.18 -0.39 -3.76	29.47 -0.54 -3.06	29.61 -0.89 -2.79	29.61 -0.80 -1.96	29.48 -0.74 -0.52	28.51 -0.43 -0.26	22.22 -0.37 -0.81	22.07 0.19 -0.49
ESPRGFLD_115KV_TB1 80157	21.34 1.38 0.96	21.81 1.40 0.51	20.92 1.28 0.42	18.82 1.10 0.61	18.14 1.12 0.71	20.52 1.22 0.05	19.33 1.16 0.20	19.48 1.11 0.39	21.77 1.24 0.11	21.51 1.27 0.63	20.61 1.22 1.02	20.51 1.30 1.36	20.49 1.38 1.85	20.12 1.43 2.28	19.75 1.47 3.07	20.93 1.57 2.79	15.91 1.55 7.44	22.98 1.99 5.95	24.64 2.13 5.21	27.18 2.28 3.54	31.20 2.44 0.94	30.57 2.35 0.47	22.00 1.68 1.46	22.10 1.58 0.88
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.09 0.48 -0.70	21.78 0.50 -0.37	20.74 0.38 -0.30	19.06 0.29 -0.44	18.53 0.28 -0.52	19.74 0.35 -0.04	18.85 0.33 -0.14	19.34 0.30 -0.28	21.01 0.29 -0.08	21.64 0.31 -0.46	21.41 0.27 -0.74	21.81 0.25 -0.99	22.68 0.38 -1.35	23.06 0.42 -1.66	23.95 0.47 -2.13	24.71 0.53 -2.03	27.27 0.52 -4.94	31.67 0.70 -4.02	32.15 0.78 -3.66	31.78 0.77 -2.57	31.25 0.86 -0.68	29.86 0.83 -0.34	23.39 0.54 -1.06	22.61 0.58 -0.64
ETNA____115KV_TB2 80207	22.09 0.48 -0.70	21.78 0.50 -0.37	20.74 0.38 -0.30	19.06 0.29 -0.44	18.53 0.28 -0.52	19.74 0.35 -0.04	18.85 0.33 -0.14	19.34 0.30 -0.28	21.01 0.29 -0.08	21.64 0.31 -0.46	21.41 0.27 -0.74	21.81 0.25 -0.99	22.68 0.38 -1.35	23.06 0.42 -1.66	23.95 0.47 -2.13	24.71 0.53 -2.03	27.27 0.52 -4.94	31.67 0.70 -4.02	32.15 0.78 -3.66	31.78 0.77 -2.57	31.25 0.86 -0.68	29.86 0.83 -0.34	23.39 0.54 -1.06	22.61 0.58 -0.64
EUCLID____115KV_TB2 356179	21.00 -0.19 -0.28	20.89 -0.17 -0.15	19.93 -0.24 -0.12	18.27 -0.24 -0.18	17.71 -0.23 -0.21	19.12 -0.25 -0.02	18.21 -0.22 -0.06	18.63 -0.24 -0.11	20.38 -0.29 -0.03	20.80 -0.25 -0.18	20.46 -0.24 -0.30	20.66 -0.31 -0.39	21.28 -0.21 -0.54	21.47 -0.17 -0.66	22.07 -0.13 -0.85	22.83 -0.13 -0.81	23.60 -0.17 -1.97	28.28 -0.27 -1.60	28.87 -0.30 -1.46	29.13 -0.34 -1.03	29.62 -0.36 -0.27	28.47 -0.34 -0.14	21.97 -0.24 -0.42	21.46 -0.19 -0.25
E_CANADA_CAP_HY 24051	28.16 1.76 -5.49	25.59 1.78 -2.90	24.07 1.62 -2.40	23.25 1.43 -3.49	23.29 1.49 -4.07	21.23 1.57 -0.31	21.00 1.49 -1.14	22.35 1.35 -2.24	22.73 1.47 -0.62	25.99 1.50 -3.62	27.73 1.47 -5.85	29.90 1.52 -7.80	33.19 1.61 -10.62	35.75 1.66 -13.11	39.57 1.62 -16.61	39.97 1.82 -16.01	61.74 1.85 -38.08	60.52 2.43 -31.15	58.93 2.60 -28.61	51.53 2.79 -20.29	38.10 3.03 -5.37	34.38 3.01 -2.69	32.29 2.11 -8.39	28.41 1.99 -5.03
E_CANADA_MHWK_HY 24050	20.85 -0.06 0.00	20.87 -0.04 0.00	20.01 -0.04 0.00	18.26 -0.07 0.00	17.58 -0.16 0.00	19.28 -0.08 0.00	18.24 -0.13 0.00	18.55 -0.21 0.00	20.42 -0.23 0.00	20.64 -0.23 0.00	20.14 -0.27 0.00	20.28 -0.29 0.00	20.64 -0.31 0.00	20.64 -0.34 0.00	20.94 -0.41 0.00	21.75 -0.40 0.00	21.39 -0.41 0.00	26.46 -0.48 0.00	27.30 -0.41 0.00	28.10 -0.34 0.00	29.50 -0.21 0.00	28.48 -0.20 0.00	21.63 -0.15 0.00	21.27 -0.13 0.00
E_FISHKILL____LBMP 23776	25.67 1.28 -3.48	24.03 1.28 -1.84	22.78 1.20 -1.52	21.61 1.06 -2.21	21.32 1.01 -2.58	20.65 1.10 -0.20	20.12 1.03 -0.72	21.32 1.14 -1.42	22.36 1.32 -0.39	24.52 1.36 -2.29	25.40 1.29 -3.71	26.98 1.46 -4.94	29.24 1.55 -6.73	30.86 1.57 -8.31	33.89 1.60 -10.94	33.91 1.62 -10.14	49.41 1.61 -25.99	49.86 1.97 -20.95	48.33 1.97 -18.65	43.32 2.02 -12.86	35.07 1.96 -3.40	32.36 1.98 -1.70	28.62 1.52 -5.32	26.01 1.43 -3.18
FALCON____SEABRD_CC1 323796	20.66 -0.25 0.00	20.66 -0.25 0.00	19.77 -0.28 0.00	18.13 -0.20 0.00	17.58 -0.16 0.00	19.12 -0.23 0.00	18.17 -0.20 0.00	18.61 -0.15 0.00	20.46 -0.19 0.00	20.60 -0.27 0.00	20.12 -0.29 0.00	20.24 -0.33 0.00	20.33 -0.63 0.00	20.18 -0.80 0.00	20.54 -0.81 0.00	21.15 -1.00 0.00	21.08 -0.72 0.00	26.32 -0.62 0.00	27.41 -0.30 0.00	28.10 -0.34 0.00	29.35 -0.36 0.00	27.99 -0.69 0.00	21.28 -0.50 0.00	20.82 -0.58 0.00
FALCON____SEABRD_CC2 323797	20.66 -0.25 0.00	20.66 -0.25 0.00	19.77 -0.28 0.00	18.13 -0.20 0.00	17.58 -0.16 0.00	19.12 -0.23 0.00	18.17 -0.20 0.00	18.61 -0.15 0.00	20.46 -0.19 0.00	20.60 -0.27 0.00	20.12 -0.29 0.00	20.24 -0.33 0.00	20.33 -0.63 0.00	20.18 -0.80 0.00	20.54 -0.81 0.00	21.15 -1.00 0.00	21.08 -0.72 0.00	26.32 -0.62 0.00	27.41 -0.30 0.00	28.10 -0.34 0.00	29.35 -0.36 0.00	27.99 -0.69 0.00	21.28 -0.50 0.00	20.82 -0.58 0.00
FAR ROCKAWAY____4 23548	35.76 2.24 -12.61	32.12 2.22 -8.99	29.48 2.11 -7.32	26.72 1.87 -6.52	26.41 1.77 -6.90	26.55 1.95 -5.25	26.35 1.82 -6.16	27.07 1.97 -6.34	29.18 2.23 -6.31	32.35 2.21 -9.26	37.49 2.12 -14.96	44.32 2.35 -21.41	49.58 2.49 -26.13	57.60 2.56 -34.07	46.26 2.63 -22.29	49.56 2.68 -24.73	54.23 2.66 -29.77	51.47 3.23 -21.29	49.58 3.30 -18.57	44.68 3.36 -12.87	37.11 3.30 -4.11	36.64 3.30 -4.65	38.11 2.61 -13.71	36.48 2.46 -12.62
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.95 1.65 -3.39	24.33 1.63 -1.79	23.08 1.54 -1.48	21.82 1.34 -2.15	21.52 1.28 -2.51	20.92 1.37 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.67 -0.38	24.86 1.75 -2.23	25.67 1.65 -3.61	27.26 1.87 -4.81	29.48 1.97 -6.55	31.10 2.03 -8.09	34.06 2.07 -10.65	34.06 2.04 -9.87	49.17 2.07 -25.29	49.84 2.51 -20.39	48.36 2.49 -18.15	43.49 2.53 -12.52	35.42 2.41 -3.31	32.86 2.52 -1.66	28.92 1.96 -5.18	26.31 1.82 -3.10
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.97 1.67 -3.39	24.33 1.63 -1.79	23.08 1.54 -1.48	21.82 1.34 -2.15	21.52 1.28 -2.51	20.94 1.39 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.67 -0.38	24.86 1.75 -2.23	25.67 1.65 -3.61	27.26 1.87 -4.81	29.50 1.99 -6.55	31.10 2.03 -8.09	34.06 2.07 -10.65	34.06 2.04 -9.87	49.17 2.07 -25.29	49.84 2.51 -20.39	48.36 2.49 -18.15	43.52 2.56 -12.52	35.42 2.41 -3.31	32.86 2.52 -1.66	28.94 1.98 -5.18	26.34 1.84 -3.10
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.95 1.65 -3.39	24.31 1.61 -1.79	23.06 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.92 1.37 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.67 -0.38	24.86 1.75 -2.23	25.67 1.65 -3.61	27.23 1.85 -4.81	29.48 1.97 -6.55	31.10 2.03 -8.09	34.04 2.05 -10.65	34.04 2.02 -9.87	49.14 2.05 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.49 2.53 -12.52	35.39 2.38 -3.31	32.83 2.50 -1.66	28.90 1.94 -5.18	26.31 1.82 -3.10

FARRAGUT___LBMP 323566	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.34 1.27 -0.70	21.58 1.44 -1.38	22.68 1.65 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	29.45 1.95 -6.55	31.08 2.01 -8.09	34.02 2.03 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
FENNER___WINDPWR 24204	21.63 0.33 -0.38	21.49 0.38 -0.20	20.52 0.30 -0.17	18.79 0.22 -0.24	18.23 0.21 -0.28	19.66 0.29 -0.02	18.71 0.26 -0.08	19.14 0.23 -0.16	20.93 0.25 -0.04	21.40 0.27 -0.25	21.06 0.25 -0.41	21.34 0.23 -0.54	21.99 0.29 -0.74	22.23 0.33 -0.92	22.80 0.28 -1.17	23.69 0.42 -1.12	24.92 0.39 -2.72	29.67 0.51 -2.22	30.31 0.58 -2.02	30.49 0.63 -1.42	30.73 0.65 -0.37	29.47 0.60 -0.19	22.78 0.41 -0.59	22.17 0.43 -0.35
FIBERTEK___ENERGY 23856	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 -0.04 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.02 -0.02 -0.47	21.68 0.08 -0.64	21.89 0.13 -0.79	22.53 0.17 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.13 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.90 0.06 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
FITZPATRICK____ 23598	20.61 -0.50 -0.19	20.51 -0.50 -0.10	19.62 -0.52 -0.08	17.98 -0.48 -0.12	17.42 -0.46 -0.14	18.84 -0.52 -0.01	17.93 -0.48 -0.04	18.33 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.06 -0.55 -0.21	20.23 -0.62 -0.28	20.75 -0.59 -0.38	20.88 -0.57 -0.46	21.32 -0.62 -0.59	22.16 -0.55 -0.57	22.62 -0.57 -1.38	27.34 -0.73 -1.12	27.96 -0.78 -1.02	28.34 -0.83 -0.72	29.06 -0.83 -0.19	27.98 -0.80 -0.10	21.47 -0.61 -0.30	21.02 -0.56 -0.18
FLOWRFLD_69_KV_BK1 356044	36.78 2.53 -13.34	32.41 2.51 -8.99	29.70 2.33 -7.32	26.87 2.02 -6.52	26.66 2.02 -6.90	26.71 2.11 -5.25	26.50 1.97 -6.16	27.26 2.16 -6.34	29.41 2.46 -6.31	32.70 2.57 -9.26	39.03 2.45 -16.18	44.57 2.59 -21.41	49.66 2.58 -26.13	94.10 2.66 -70.46	170.55 2.65 -146.55	183.83 2.64 -159.04	179.41 2.66 -154.95	291.72 3.29 -261.49	176.44 3.33 -145.40	171.19 3.41 -139.33	173.99 3.33 -140.96	106.13 3.41 -74.03	49.86 2.74 -25.33	36.84 2.72 -12.73
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.78 1.46 -3.40	24.18 1.46 -1.80	22.92 1.38 -1.49	21.70 1.21 -2.16	21.41 1.15 -2.52	20.82 1.28 -0.19	20.24 1.16 -0.71	21.42 1.28 -1.39	22.53 1.51 -0.38	24.66 1.54 -2.24	25.52 1.49 -3.63	27.07 1.67 -4.84	29.32 1.78 -6.58	30.95 1.85 -8.13	33.85 1.88 -10.63	34.00 1.93 -9.92	48.83 1.92 -25.11	49.60 2.37 -20.29	48.27 2.41 -18.15	43.53 2.50 -12.58	35.41 2.38 -3.33	32.73 2.38 -1.66	28.79 1.81 -5.20	26.16 1.65 -3.11
FORT ORANGE____ 23900	25.94 0.71 -4.32	23.88 0.69 -2.28	22.58 0.64 -1.88	21.66 0.59 -2.75	21.52 0.58 -3.20	20.25 0.66 -0.24	19.89 0.62 -0.90	21.10 0.58 -1.76	21.81 0.68 -0.49	24.40 0.69 -2.84	25.72 0.71 -4.60	27.47 0.76 -6.13	30.14 0.84 -8.35	32.14 0.86 -10.31	35.10 0.83 -12.92	35.66 0.93 -12.58	52.08 0.92 -29.36	52.21 1.16 -24.11	51.20 1.16 -22.32	45.61 1.22 -15.95	35.23 1.31 -4.22	32.05 1.26 -2.11	29.27 0.89 -6.60	26.18 0.83 -3.95
FORT_DRUM_COGEN 23780	20.85 -0.23 -0.17	20.83 -0.17 -0.09	19.91 -0.22 -0.07	18.20 -0.24 -0.11	17.65 -0.21 -0.12	19.21 -0.15 -0.01	18.19 -0.22 -0.04	18.53 -0.30 -0.07	20.25 -0.41 -0.02	20.54 -0.44 -0.11	20.05 -0.53 -0.18	20.26 -0.56 -0.24	20.67 -0.61 -0.33	20.77 -0.61 -0.40	21.24 -0.62 -0.52	22.11 -0.53 -0.49	22.54 -0.46 -1.20	27.59 -0.32 -0.97	28.54 -0.41 -0.89	29.18 0.11 -0.62	30.02 0.15 -0.16	28.79 0.03 -0.08	21.91 -0.13 -0.26	21.38 -0.17 -0.15
FPL_FAR_ROCK_GT1 24212	35.76 2.24 -12.61	32.12 2.22 -8.99	29.48 2.11 -7.32	26.72 1.87 -6.52	26.42 1.77 -6.91	26.55 1.95 -5.25	26.36 1.82 -6.17	27.07 1.97 -6.34	29.18 2.23 -6.31	32.34 2.21 -9.26	37.49 2.12 -14.96	44.28 2.30 -21.41	49.56 2.47 -26.13	57.56 2.52 -34.07	46.20 2.56 -22.29	49.56 2.68 -24.73	54.23 2.66 -29.77	51.47 3.23 -21.29	49.58 3.30 -18.57	44.67 3.35 -12.87	37.11 3.30 -4.11	36.58 3.24 -4.65	38.11 2.61 -13.72	36.48 2.46 -12.62
FPL_FAR_ROCK_GT2 23815	35.76 2.24 -12.61	32.12 2.22 -8.99	29.48 2.11 -7.32	26.72 1.87 -6.52	26.42 1.77 -6.91	26.55 1.95 -5.25	26.36 1.82 -6.17	27.07 1.97 -6.34	29.18 2.23 -6.31	32.34 2.21 -9.26	37.49 2.12 -14.96	44.28 2.30 -21.41	49.56 2.47 -26.13	57.56 2.52 -34.07	46.20 2.56 -22.29	49.56 2.68 -24.73	54.23 2.66 -29.77	51.47 3.23 -21.29	49.58 3.30 -18.57	44.67 3.35 -12.87	37.11 3.30 -4.11	36.58 3.24 -4.65	38.11 2.61 -13.72	36.48 2.46 -12.62
FRANKLIN_FALL_HYD 24054	20.39 -0.52 0.00	20.41 -0.50 0.00	19.51 -0.54 0.00	17.93 -0.40 0.00	17.35 -0.39 0.00	18.93 -0.43 0.00	17.99 -0.39 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.92 -0.49 0.00	20.04 -0.53 0.00	20.14 -0.82 0.00	19.99 -0.99 0.00	20.26 -1.09 0.00	21.00 -1.15 0.00	20.93 -0.87 0.00	26.08 -0.86 0.00	27.10 -0.61 0.00	27.82 -0.63 0.00	29.05 -0.65 0.00	27.74 -0.95 0.00	21.06 -0.72 0.00	20.56 -0.83 0.00
FREEPORT_EQUS_GT1 23764	35.60 2.07 -12.61	31.95 2.05 -8.99	29.32 1.94 -7.32	26.58 1.72 -6.52	26.31 1.67 -6.90	26.40 1.80 -5.25	26.22 1.69 -6.16	26.94 1.84 -6.34	29.04 2.08 -6.31	32.28 2.15 -9.26	37.39 2.02 -14.97	44.08 2.10 -21.41	49.35 2.26 -26.13	57.58 2.29 -34.31	45.94 2.31 -22.29	49.29 2.41 -24.73	53.99 2.42 -29.77	52.22 2.94 -22.34	50.14 2.99 -19.44	45.25 3.07 -13.73	37.71 2.97 -5.04	36.76 2.95 -5.12	37.87 2.37 -13.72	36.26 2.25 -12.62
FREEPORT___CT2 23818	35.60 2.07 -12.61	31.95 2.05 -8.99	29.32 1.94 -7.32	26.58 1.72 -6.52	26.31 1.67 -6.90	26.40 1.80 -5.25	26.22 1.69 -6.16	26.94 1.84 -6.34	29.04 2.08 -6.31	32.28 2.15 -9.26	37.39 2.02 -14.97	44.08 2.10 -21.41	49.35 2.26 -26.13	57.58 2.29 -34.31	45.94 2.31 -22.29	49.29 2.41 -24.73	53.99 2.42 -29.77	52.22 2.94 -22.34	50.14 2.99 -19.44	45.25 3.07 -13.73	37.71 2.97 -5.04	36.76 2.95 -5.12	37.87 2.37 -13.72	36.26 2.25 -12.62
FRESHKLS_33_KV_LOAD 356253	26.11 1.80 -3.40	24.51 1.80 -1.80	23.24 1.70 -1.49	21.98 1.48 -2.16	21.69 1.44 -2.52	21.06 1.51 -0.20	20.32 1.25 -0.70	21.57 1.43 -1.38	22.56 1.55 -0.37	24.76 1.67 -2.22	25.58 1.57 -3.60	27.21 1.83 -4.81	52.35 1.97 -29.43	31.10 2.03 -8.09	34.05 2.03 -10.67	33.93 1.90 -9.87	49.19 2.07 -25.32	49.84 2.51 -20.40	48.33 2.44 -18.17	43.49 2.53 -12.52	35.33 2.32 -3.31	33.02 2.67 -1.67	29.03 2.05 -5.20	26.47 1.97 -3.11
FULTON COGEN____ 23766	20.95 -0.23 -0.27	20.82 -0.23 -0.14	19.89 -0.28 -0.12	18.22 -0.27 -0.17	17.67 -0.27 -0.20	19.08 -0.29 -0.01	18.17 -0.26 -0.06	18.57 -0.30 -0.11	20.34 -0.33 -0.03	20.75 -0.29 -0.17	20.40 -0.29 -0.28	20.60 -0.35 -0.38	21.20 -0.27 -0.51	21.36 -0.25 -0.63	21.95 -0.21 -0.81	22.70 -0.22 -0.77	23.45 -0.24 -1.88	28.15 -0.32 -1.53	28.78 -0.33 -1.40	29.03 -0.40 -0.98	29.58 -0.39 -0.26	28.44 -0.37 -0.13	21.88 -0.30 -0.41	21.36 -0.28 -0.24

FULTON___LFGE 323630	28.64 2.57 -5.15	26.19 2.55 -2.72	24.61 2.31 -2.25	23.62 2.02 -3.28	23.38 1.83 -3.81	21.89 2.24 -0.29	21.57 2.13 -1.07	22.87 2.01 -2.10	23.39 2.17 -0.58	26.44 2.17 -3.39	28.05 2.16 -5.49	30.07 2.18 -7.32	33.20 2.28 -9.96	35.65 2.37 -12.30	39.24 2.35 -15.54	39.73 2.57 -15.02	60.06 2.70 -35.56	59.75 3.69 -29.12	58.49 3.99 -26.79	51.72 4.24 -19.04	39.43 4.69 -5.04	35.62 4.42 -2.52	32.68 3.03 -7.87	28.93 2.82 -4.72
G.F.CEMENT___DRP 24184	26.64 1.21 -4.51	24.49 1.19 -2.38	23.09 1.06 -1.97	22.15 0.95 -2.87	22.07 0.99 -3.34	20.65 1.05 -0.25	20.32 1.01 -0.94	21.57 0.98 -1.84	22.33 1.18 -0.51	25.05 1.21 -2.97	26.35 1.14 -4.81	28.13 1.15 -6.41	30.85 1.17 -8.72	32.94 1.20 -10.77	36.03 1.22 -13.47	36.58 1.28 -13.15	53.76 1.44 -30.52	53.87 1.83 -25.09	52.88 1.88 -23.29	47.10 1.99 -16.67	36.49 2.38 -4.41	33.01 2.12 -2.21	30.16 1.48 -6.89	26.87 1.35 -4.13
GARDENVILLE___LBMP 24039	21.30 -0.15 -0.53	21.02 -0.17 -0.28	19.90 -0.38 -0.23	18.17 -0.49 -0.34	17.70 -0.43 -0.39	18.86 -0.52 -0.03	17.86 -0.62 -0.11	18.24 -0.73 -0.22	19.69 -1.01 -0.06	20.22 -1.00 -0.35	19.95 -1.02 -0.56	20.29 -1.03 -0.75	21.47 -0.50 -1.02	21.86 -0.38 -1.26	22.64 -0.32 -1.62	23.40 -0.29 -1.54	25.12 -0.44 -3.75	29.40 -0.59 -3.05	29.52 -0.97 -2.78	29.51 -0.88 -1.95	29.42 -0.80 -0.52	28.45 -0.49 -0.26	22.18 -0.41 -0.81	22.01 0.13 -0.48
GARDNVLA_35_KV_LD 355827	21.36 -0.08 -0.53	21.09 -0.10 -0.28	19.96 -0.32 -0.23	18.23 -0.44 -0.34	17.76 -0.37 -0.39	18.90 -0.48 -0.03	17.89 -0.59 -0.11	18.30 -0.68 -0.22	19.73 -0.97 -0.06	20.28 -0.94 -0.35	20.01 -0.96 -0.57	20.36 -0.97 -0.75	21.56 -0.42 -1.03	21.95 -0.29 -1.27	22.74 -0.23 -1.63	23.50 -0.20 -1.55	25.22 -0.35 -3.77	29.50 -0.51 -3.07	29.62 -0.89 -2.79	29.64 -0.77 -1.96	29.51 -0.71 -0.52	28.54 -0.40 -0.26	22.25 -0.35 -0.81	22.10 0.21 -0.49
GELCKHM___115KV_LOAD 80723	21.11 -0.10 -0.30	20.97 -0.10 -0.16	20.02 -0.16 -0.13	18.35 -0.16 -0.19	17.80 -0.16 -0.22	19.19 -0.17 -0.02	18.27 -0.17 -0.06	18.69 -0.19 -0.12	20.47 -0.21 -0.03	20.90 -0.17 -0.20	20.58 -0.14 -0.32	20.79 -0.21 -0.42	21.43 -0.10 -0.57	21.62 -0.06 -0.71	22.21 -0.04 -0.91	22.97 -0.04 -0.87	23.85 -0.07 -2.11	28.55 -0.11 -1.72	29.11 -0.17 -1.56	29.32 -0.23 -1.10	29.79 -0.21 -0.29	28.63 -0.20 -0.15	22.08 -0.15 -0.45	21.56 -0.11 -0.27
GENERAL___MILLS 23808	21.32 -0.13 -0.53	21.05 -0.15 -0.28	19.92 -0.36 -0.23	18.19 -0.48 -0.34	17.72 -0.41 -0.39	18.88 -0.50 -0.03	17.87 -0.61 -0.11	18.26 -0.71 -0.22	19.71 -0.99 -0.06	20.24 -0.98 -0.35	19.97 -1.00 -0.56	20.32 -1.01 -0.75	21.52 -0.46 -1.03	21.89 -0.36 -1.27	22.67 -0.30 -1.62	23.45 -0.24 -1.55	25.15 -0.41 -3.76	29.44 -0.57 -3.06	29.56 -0.94 -2.79	29.55 -0.85 -1.96	29.45 -0.77 -0.52	28.48 -0.46 -0.26	22.20 -0.39 -0.81	22.05 0.17 -0.49
GE_PLASTICS___DRP 24183	25.92 0.69 -4.32	23.89 0.69 -2.28	22.58 0.64 -1.89	21.66 0.59 -2.75	21.50 0.57 -3.20	20.21 0.62 -0.24	19.88 0.61 -0.90	21.10 0.58 -1.76	21.81 0.68 -0.49	24.41 0.69 -2.85	25.70 0.69 -4.60	27.49 0.78 -6.14	30.15 0.84 -8.35	32.13 0.84 -10.31	35.19 0.85 -12.99	35.62 0.89 -12.59	52.29 0.87 -29.62	52.31 1.08 -24.29	51.20 1.08 -22.41	45.51 1.11 -15.96	35.11 1.19 -4.22	31.94 1.15 -2.11	29.23 0.85 -6.60	26.16 0.81 -3.95
GILBOA___1 23756	25.01 0.77 -3.32	23.44 0.77 -1.75	22.22 0.72 -1.45	21.06 0.62 -2.11	20.80 0.60 -2.46	20.22 0.68 -0.19	19.69 0.62 -0.69	20.77 0.66 -1.35	21.78 0.76 -0.37	23.83 0.77 -2.19	24.70 0.76 -3.54	26.11 0.82 -4.72	28.28 0.90 -6.42	29.81 0.90 -7.93	32.41 0.90 -10.16	32.80 0.97 -9.68	46.27 0.89 -23.57	47.24 1.11 -19.19	46.27 1.11 -17.45	41.85 1.14 -12.27	34.17 1.22 -3.25	31.51 1.20 -1.62	27.77 0.91 -5.07	25.31 0.88 -3.04
GILBOA___2 23757	25.01 0.77 -3.32	23.44 0.77 -1.75	22.22 0.72 -1.45	21.06 0.62 -2.11	20.80 0.60 -2.46	20.22 0.68 -0.19	19.69 0.62 -0.69	20.77 0.66 -1.35	21.78 0.76 -0.37	23.83 0.77 -2.19	24.70 0.76 -3.54	26.11 0.82 -4.72	28.28 0.90 -6.42	29.81 0.90 -7.93	32.41 0.90 -10.16	32.80 0.97 -9.68	46.27 0.89 -23.57	47.24 1.11 -19.19	46.27 1.11 -17.45	41.85 1.14 -12.27	34.17 1.22 -3.25	31.51 1.20 -1.62	27.77 0.91 -5.07	25.31 0.88 -3.04
GILBOA___3 23758	25.01 0.77 -3.32	23.44 0.77 -1.75	22.22 0.72 -1.45	21.06 0.62 -2.11	20.80 0.60 -2.46	20.22 0.68 -0.19	19.69 0.62 -0.69	20.77 0.66 -1.35	21.78 0.76 -0.37	23.83 0.77 -2.19	24.70 0.76 -3.54	26.11 0.82 -4.72	28.28 0.90 -6.42	29.81 0.90 -7.93	32.41 0.90 -10.16	32.80 0.97 -9.68	46.27 0.89 -23.57	47.24 1.11 -19.19	46.27 1.11 -17.45	41.85 1.14 -12.27	34.17 1.22 -3.25	31.51 1.20 -1.62	27.77 0.91 -5.07	25.31 0.88 -3.04
GILBOA___4 23759	25.01 0.77 -3.32	23.44 0.77 -1.75	22.22 0.72 -1.45	21.06 0.62 -2.11	20.80 0.60 -2.46	20.22 0.68 -0.19	19.69 0.62 -0.69	20.77 0.66 -1.35	21.78 0.76 -0.37	23.83 0.77 -2.19	24.70 0.76 -3.54	26.11 0.82 -4.72	28.28 0.90 -6.42	29.81 0.90 -7.93	32.41 0.90 -10.16	32.80 0.97 -9.68	46.27 0.89 -23.57	47.24 1.11 -19.19	46.27 1.11 -17.45	41.85 1.14 -12.27	34.17 1.22 -3.25	31.51 1.20 -1.62	27.77 0.91 -5.07	25.31 0.88 -3.04
GILBOA___ 23599	25.01 0.77 -3.32	23.44 0.77 -1.75	22.22 0.72 -1.45	21.06 0.62 -2.11	20.80 0.60 -2.46	20.20 0.66 -0.19	19.69 0.62 -0.69	20.77 0.66 -1.35	21.78 0.76 -0.37	23.83 0.77 -2.19	24.70 0.75 -3.54	26.13 0.84 -4.72	28.28 0.90 -6.42	29.83 0.92 -7.93	32.45 0.94 -10.16	32.80 0.97 -9.68	46.27 0.89 -23.57	47.24 1.10 -19.19	46.27 1.11 -17.45	41.85 1.14 -12.27	34.17 1.22 -3.25	31.54 1.23 -1.62	27.77 0.91 -5.07	25.33 0.90 -3.04
GINNA___ 23603	20.43 -0.86 -0.38	20.27 -0.84 -0.20	19.17 -1.04 -0.16	17.58 -0.99 -0.24	17.09 -0.92 -0.28	18.31 -1.06 -0.02	17.46 -0.99 -0.08	17.82 -1.09 -0.15	19.45 -1.24 -0.04	19.99 -1.13 -0.25	19.68 -1.12 -0.40	19.97 -1.13 -0.53	20.80 -0.88 -0.73	21.08 -0.80 -0.90	21.52 -0.98 -1.15	22.47 -0.78 -1.10	23.67 -0.81 -2.67	28.07 -1.05 -2.17	28.50 -1.19 -1.98	28.56 -1.28 -1.39	28.74 -1.34 -0.37	27.66 -1.20 -0.18	21.40 -0.96 -0.57	20.99 -0.75 -0.34
GLEN PARK___ 23778	21.00 -0.08 -0.17	20.98 -0.02 -0.09	20.03 -0.10 -0.08	18.29 -0.15 -0.11	17.74 -0.12 -0.13	19.32 -0.04 -0.01	18.30 -0.11 -0.04	18.62 -0.21 -0.07	20.33 -0.33 -0.02	20.67 -0.31 -0.11	20.18 -0.41 -0.19	20.39 -0.43 -0.25	20.79 -0.50 -0.34	20.89 -0.50 -0.42	21.33 -0.56 -0.53	22.28 -0.38 -0.51	22.72 -0.33 -1.24	27.79 -0.16 -1.01	28.77 0.14 -0.92	29.43 0.34 -0.64	30.26 0.39 -0.17	29.03 0.26 -0.09	22.07 0.02 -0.27	21.53 -0.02 -0.16
GLENDALE_27_KV_LOAD 356172	26.15 1.84 -3.40	24.51 1.80 -1.80	23.24 1.70 -1.49	21.96 1.47 -2.16	21.67 1.42 -2.52	21.08 1.53 -0.20	20.44 1.36 -0.70	21.70 1.56 -1.38	22.76 1.73 -0.38	24.96 1.86 -2.23	25.75 1.73 -3.61	27.36 1.97 -4.81	29.62 2.12 -6.55	31.25 2.18 -8.09	34.19 2.20 -10.65	34.13 2.10 -9.87	49.25 2.16 -25.29	49.94 2.61 -20.39	48.41 2.55 -18.15	43.61 2.65 -12.52	35.51 2.50 -3.31	33.06 2.72 -1.66	29.09 2.13 -5.18	26.51 2.01 -3.11

GLENWOOD_IC_1_G5 23712	35.39 1.86 -12.61	31.74 1.84 -8.99	29.12 1.74 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.83 1.88 -6.31	32.09 1.96 -9.26	37.10 1.73 -14.97	43.93 1.95 -21.41	49.14 2.05 -26.13	57.40 2.12 -34.30	45.82 2.18 -22.29	49.07 2.19 -24.73	53.75 2.18 -29.77	51.90 2.67 -22.29	49.80 2.69 -19.40	44.87 2.73 -13.69	37.31 2.61 -4.99	36.45 2.67 -5.10	37.54 2.05 -13.71	35.94 1.93 -12.62
GLENWOOD_IC_2_G1 23688	35.24 1.72 -12.61	31.60 1.69 -8.99	28.98 1.60 -7.32	26.25 1.39 -6.52	25.98 1.35 -6.90	26.05 1.45 -5.25	25.89 1.36 -6.16	26.60 1.50 -6.34	28.69 1.73 -6.31	31.93 1.80 -9.26	37.06 1.69 -14.96	43.83 1.85 -21.41	49.10 2.01 -26.13	57.06 2.01 -34.07	45.67 2.03 -22.29	48.98 2.11 -24.73	53.69 2.11 -29.77	50.80 2.56 -21.29	48.89 2.60 -18.57	43.96 2.65 -12.87	36.37 2.55 -4.11	35.89 2.55 -4.65	37.50 2.00 -13.71	35.90 1.88 -12.62
GLENWOOD_IC_3_G1 23689	35.24 1.72 -12.61	31.60 1.69 -8.99	28.98 1.60 -7.32	26.25 1.39 -6.52	25.98 1.35 -6.90	26.05 1.45 -5.25	25.89 1.36 -6.16	26.60 1.50 -6.34	28.69 1.73 -6.31	31.93 1.80 -9.26	37.06 1.69 -14.96	43.83 1.85 -21.41	49.10 2.01 -26.13	57.06 2.01 -34.07	45.67 2.03 -22.29	48.98 2.11 -24.73	53.69 2.11 -29.77	50.80 2.56 -21.29	48.89 2.60 -18.57	43.96 2.65 -12.87	36.37 2.55 -4.11	35.89 2.55 -4.65	37.50 2.00 -13.71	35.90 1.88 -12.62
GLENWOOD___4 23550	35.39 1.86 -12.61	31.74 1.84 -8.99	29.12 1.74 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.83 1.88 -6.31	32.09 1.96 -9.26	37.17 1.80 -14.97	43.97 2.00 -21.41	49.20 2.12 -26.13	57.46 2.18 -34.30	45.86 2.22 -22.29	49.12 2.24 -24.73	53.82 2.25 -29.77	51.96 2.72 -22.29	49.85 2.74 -19.40	44.95 2.82 -13.69	37.40 2.70 -4.99	36.51 2.72 -5.10	37.59 2.09 -13.71	35.98 1.97 -12.62
GLENWOOD___5 23614	35.39 1.86 -12.61	31.74 1.84 -8.99	29.12 1.74 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.83 1.88 -6.31	32.09 1.96 -9.26	37.17 1.80 -14.97	43.97 2.00 -21.41	49.20 2.12 -26.13	57.46 2.18 -34.30	45.86 2.22 -22.29	49.12 2.24 -24.73	53.82 2.25 -29.77	51.96 2.72 -22.29	49.85 2.74 -19.40	44.95 2.82 -13.69	37.40 2.70 -4.99	36.51 2.72 -5.10	37.59 2.09 -13.71	35.98 1.97 -12.62
GLOBAL GREEN_PORT_GT1 23814	37.95 3.91 -13.13	33.75 3.85 -8.99	30.92 3.55 -7.32	27.95 3.10 -6.52	27.58 2.94 -6.90	27.85 3.25 -5.25	27.55 3.01 -6.16	28.36 3.26 -6.34	30.73 3.78 -6.31	34.14 4.01 -9.26	40.11 3.88 -15.83	46.05 4.07 -21.41	51.38 4.30 -26.13	85.31 4.32 -60.01	136.62 4.35 -110.92	147.30 4.63 -120.52	145.41 4.56 -119.05	225.08 5.60 -192.53	195.97 5.68 -162.58	137.17 5.72 -103.01	137.06 5.70 -101.65	88.32 5.54 -54.10	49.49 4.25 -23.46	38.16 4.07 -12.70
GLOBE___DSASP 323697	20.86 -0.54 -0.49	20.63 -0.54 -0.26	19.52 -0.74 -0.21	17.85 -0.79 -0.31	17.37 -0.73 -0.36	18.45 -0.93 -0.03	17.48 -0.99 -0.10	17.76 -1.20 -0.20	19.15 -1.55 -0.06	19.65 -1.54 -0.32	19.37 -1.55 -0.52	19.70 -1.56 -0.69	20.89 -1.01 -0.94	21.24 -0.90 -1.17	21.99 -0.85 -1.49	22.73 -0.84 -1.42	24.22 -1.05 -3.46	28.36 -1.40 -2.82	28.42 -1.86 -2.56	28.46 -1.79 -1.80	28.46 -1.72 -0.48	27.57 -1.35 -0.24	21.50 -1.02 -0.75	21.44 -0.41 -0.45
GOETHSLN___LBMP 323567	25.85 1.55 -3.39	24.21 1.51 -1.79	22.96 1.42 -1.48	21.71 1.23 -2.15	21.40 1.15 -2.51	20.80 1.26 -0.19	20.27 1.19 -0.70	21.51 1.37 -1.38	22.61 1.59 -0.38	24.77 1.67 -2.23	25.58 1.57 -3.61	27.17 1.79 -4.81	29.39 1.89 -6.55	31.02 1.95 -8.09	33.96 1.96 -10.65	33.95 1.93 -9.87	49.04 1.94 -25.29	49.67 2.34 -20.39	48.22 2.36 -18.15	43.35 2.39 -12.52	35.27 2.26 -3.31	32.72 2.38 -1.66	28.83 1.87 -5.18	26.21 1.71 -3.10
GOLAH___69_KV_TB 1_2 80279	21.42 0.10 -0.40	21.25 0.13 -0.21	20.19 -0.04 -0.17	18.47 -0.11 -0.25	17.96 -0.07 -0.30	19.22 -0.15 -0.02	18.29 -0.17 -0.08	18.58 -0.34 -0.16	20.21 -0.47 -0.04	20.72 -0.42 -0.26	20.42 -0.41 -0.42	20.71 -0.43 -0.57	21.64 -0.08 -0.77	21.97 0.04 -0.95	22.72 0.15 -1.22	23.51 0.20 -1.16	24.76 0.13 -2.83	29.27 0.03 -2.30	29.64 -0.17 -2.09	29.75 -0.17 -1.47	29.97 -0.12 -0.39	28.94 0.06 -0.19	22.39 0.00 -0.61	22.08 0.32 -0.36
GOODYEAR_LAKE_HYD 323669	22.51 1.00 -0.59	22.25 1.02 -0.31	21.23 0.92 -0.26	19.47 0.77 -0.38	18.94 0.76 -0.44	20.26 0.87 -0.03	19.30 0.81 -0.12	19.84 0.84 -0.24	21.66 0.95 -0.07	22.26 1.00 -0.39	21.99 0.96 -0.63	22.44 1.03 -0.84	23.21 1.11 -1.14	23.54 1.15 -1.41	24.33 1.17 -1.81	25.11 1.24 -1.72	27.19 1.20 -4.19	31.84 1.48 -3.41	32.37 1.55 -3.10	32.30 1.68 -2.18	32.03 1.75 -0.58	30.66 1.69 -0.29	23.88 1.20 -0.90	23.09 1.16 -0.54
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.18 0.27 -0.99	21.71 0.27 -0.52	20.65 0.16 -0.43	19.03 0.07 -0.63	18.56 0.09 -0.74	19.50 0.10 -0.06	18.67 0.09 -0.21	19.22 0.06 -0.40	20.82 0.06 -0.11	21.61 0.08 -0.65	21.52 0.06 -1.06	22.04 0.06 -1.41	23.13 0.25 -1.92	23.64 0.29 -2.37	24.73 0.34 -3.04	25.42 0.38 -2.89	29.16 0.31 -7.05	33.06 0.38 -5.74	33.26 0.33 -5.22	32.46 0.34 -3.67	31.06 0.39 -0.97	29.60 0.43 -0.49	23.61 0.30 -1.52	22.69 0.39 -0.91
GOUDEY___7 23579	22.18 0.27 -0.99	21.73 0.29 -0.52	20.67 0.18 -0.43	19.05 0.09 -0.63	18.56 0.09 -0.74	19.52 0.12 -0.06	18.67 0.09 -0.21	19.24 0.08 -0.40	20.84 0.08 -0.11	21.63 0.10 -0.65	21.54 0.08 -1.06	22.09 0.10 -1.41	23.15 0.27 -1.92	23.68 0.34 -2.37	24.75 0.36 -3.04	25.44 0.40 -2.89	29.18 0.33 -7.05	33.09 0.40 -5.74	33.29 0.36 -5.22	32.49 0.37 -3.67	31.09 0.42 -0.97	29.63 0.46 -0.49	23.63 0.33 -1.52	22.71 0.41 -0.91
GOUDEY___8 23580	22.18 0.27 -0.99	21.71 0.27 -0.52	20.65 0.16 -0.43	19.03 0.07 -0.63	18.56 0.09 -0.74	19.50 0.10 -0.06	18.67 0.09 -0.21	19.22 0.06 -0.40	20.82 0.06 -0.11	21.61 0.08 -0.65	21.52 0.06 -1.06	22.04 0.06 -1.41	23.13 0.25 -1.92	23.64 0.29 -2.37	24.73 0.34 -3.04	25.42 0.38 -2.89	29.16 0.31 -7.05	33.06 0.38 -5.74	33.26 0.33 -5.22	32.46 0.34 -3.67	31.06 0.39 -0.97	29.60 0.43 -0.49	23.61 0.30 -1.52	22.69 0.39 -0.91
GOWANUS_GT1_1 24077	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -3.61	25.71 1.69 -4.81	27.32 1.93 -36.81	59.84 2.07 -8.09	31.20 2.14 -10.67	34.17 2.16 -9.87	34.04 2.02 -25.32	49.24 2.11 -20.40	49.90 2.56 -18.17	48.41 2.52 -12.52	43.55 2.59 -3.31	35.45 2.44 -1.67	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT1_2 24078	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -3.61	25.71 1.69 -4.81	27.32 1.93 -36.81	59.84 2.07 -8.09	31.20 2.14 -10.67	34.17 2.16 -9.87	34.04 2.02 -25.32	49.24 2.11 -20.40	49.90 2.56 -18.17	48.41 2.52 -12.52	43.55 2.59 -3.31	35.45 2.44 -1.67	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11

GOWANUS_GT1_3 24079	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT1_4 24080	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT1_5 24084	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT1_6 24111	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT1_7 24112	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT1_8 24113	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_1 24114	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_2 24115	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_3 24116	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_4 24117	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_5 24118	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_6 24119	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_7 24120	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT2_8 24121	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_1 24122	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11

GOWANUS_GT3_2 24123	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_3 24124	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_4 24125	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_5 24126	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_6 24127	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_7 24128	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT3_8 24129	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_1 24130	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_2 24131	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_3 24132	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_4 24133	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_5 24134	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_6 24135	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_7 24136	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GOWANUS_GT4_8 24137	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11

GREENBSH_115KV_TB3 55895	25.84 0.59 -4.34	23.79 0.59 -2.29	22.51 0.56 -1.89	21.60 0.51 -2.76	21.45 0.50 -3.21	20.14 0.54 -0.24	19.81 0.53 -0.90	21.04 0.51 -1.77	21.73 0.60 -0.49	24.34 0.61 -2.86	25.64 0.61 -4.62	27.44 0.70 -6.17	30.11 0.75 -8.39	32.10 0.76 -10.37	35.10 0.77 -12.98	35.62 0.82 -12.65	52.05 0.78 -29.46	52.12 0.97 -24.21	51.12 0.97 -22.43	45.48 1.00 -16.04	35.02 1.07 -4.24	31.84 1.03 -2.12	29.18 0.76 -6.63	26.10 0.73 -3.97
GREENDGE_115KV_TB5 80291	21.80 0.27 -0.62	21.51 0.27 -0.33	20.42 0.10 -0.27	18.72 0.00 -0.39	18.21 0.02 -0.46	19.43 0.04 -0.03	18.55 0.06 -0.13	19.01 0.00 -0.25	20.63 -0.08 -0.07	21.24 -0.04 -0.41	21.00 -0.06 -0.66	21.37 -0.08 -0.88	22.36 0.21 -1.20	22.73 0.27 -1.48	23.60 0.36 -1.89	24.35 0.40 -1.80	26.56 0.37 -4.39	31.03 0.51 -3.57	31.46 0.50 -3.25	31.18 0.46 -2.28	30.84 0.53 -0.60	29.56 0.57 -0.30	23.08 0.35 -0.94	22.45 0.49 -0.57
GREENIDGE___3 23582	21.80 0.27 -0.62	21.51 0.27 -0.33	20.42 0.10 -0.27	18.72 0.00 -0.39	18.21 0.02 -0.46	19.43 0.04 -0.03	18.55 0.06 -0.13	19.01 0.00 -0.25	20.63 -0.08 -0.07	21.24 -0.04 -0.41	21.00 -0.06 -0.66	21.37 -0.08 -0.88	22.36 0.21 -1.20	22.73 0.27 -1.48	23.60 0.36 -1.89	24.35 0.40 -1.80	26.56 0.37 -4.39	31.03 0.51 -3.57	31.46 0.50 -3.25	31.18 0.46 -2.28	30.84 0.53 -0.60	29.56 0.57 -0.30	23.08 0.35 -0.94	22.45 0.49 -0.57
GREENIDGE___4 23583	21.80 0.27 -0.62	21.51 0.27 -0.33	20.42 0.10 -0.27	18.72 0.00 -0.39	18.21 0.02 -0.46	19.45 0.06 -0.03	18.55 0.06 -0.13	19.01 0.00 -0.25	20.63 -0.08 -0.07	21.26 -0.02 -0.41	21.00 -0.06 -0.66	21.39 -0.06 -0.88	22.34 0.19 -1.20	22.73 0.27 -1.48	23.33 0.09 -1.89	24.35 0.40 -1.80	26.56 0.37 -4.39	31.03 0.51 -3.57	31.46 0.50 -3.25	31.18 0.45 -2.28	30.84 0.54 -0.60	29.56 0.57 -0.30	23.07 0.35 -0.94	22.45 0.49 -0.57
GREENLWN_69_KV_BK 3 55738	35.55 2.11 -12.53	31.95 2.05 -8.99	29.30 1.93 -7.32	26.54 1.69 -6.52	26.27 1.63 -6.90	26.34 1.74 -5.25	26.19 1.65 -6.16	26.90 1.80 -6.34	29.02 2.06 -6.31	32.28 2.15 -9.26	37.29 2.06 -14.83	44.22 2.24 -21.41	49.41 2.33 -26.13	53.68 2.39 -30.31	26.48 2.41 -2.72	28.12 2.39 -3.57	34.30 2.44 -10.05	21.74 2.99 8.19	35.00 3.02 -4.27	31.37 3.13 0.21	22.66 3.00 10.05	29.20 3.04 2.52	36.00 2.33 -11.88	36.31 2.31 -12.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
GRISSOM___SOLAR 323813	28.64 2.57 -5.15	26.19 2.55 -2.72	24.61 2.31 -2.25	23.62 2.02 -3.28	23.38 1.83 -3.81	21.89 2.24 -0.29	21.57 2.13 -1.07	22.87 2.01 -2.10	23.39 2.17 -0.58	26.44 2.17 -3.39	28.05 2.16 -5.49	30.07 2.18 -7.32	33.20 2.28 -9.96	35.65 2.37 -12.30	39.24 2.35 -15.54	39.73 2.57 -15.02	60.06 2.70 -35.56	59.75 3.69 -29.12	58.49 3.99 -26.79	51.72 4.24 -19.04	39.43 4.69 -5.04	35.62 4.42 -2.52	32.68 3.03 -7.87	28.93 2.82 -4.72
GROVEVILLE___HYD 323602	25.78 1.46 -3.40	24.18 1.46 -1.80	22.92 1.38 -1.49	21.70 1.21 -2.16	21.41 1.15 -2.52	20.82 1.28 -0.19	20.24 1.16 -0.71	21.42 1.28 -1.39	22.53 1.51 -0.38	24.66 1.54 -2.24	25.52 1.49 -3.63	27.07 1.67 -4.84	29.32 1.78 -6.58	30.95 1.85 -8.13	33.85 1.88 -10.63	34.00 1.93 -9.92	48.83 1.92 -25.11	49.60 2.37 -20.29	48.27 2.41 -18.15	43.53 2.50 -12.58	35.41 2.38 -3.33	32.73 2.38 -1.66	28.79 1.81 -5.20	26.16 1.65 -3.11
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 -0.04 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.02 -0.02 -0.47	21.68 0.08 -0.64	21.89 0.13 -0.79	22.53 0.17 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.13 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.90 0.06 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
HAMLTNNY_34_KV_TB 80303	21.37 0.10 -0.35	21.22 0.13 -0.19	20.23 0.02 -0.15	18.53 -0.02 -0.22	18.01 0.02 -0.26	19.37 0.00 -0.02	18.46 0.02 -0.07	18.90 0.00 -0.14	20.68 0.00 -0.04	21.17 0.06 -0.23	20.84 0.06 -0.37	21.09 0.02 -0.50	21.78 0.15 -0.68	22.00 0.19 -0.84	22.66 0.23 -1.08	23.42 0.24 -1.02	24.52 0.22 -2.49	29.22 0.24 -2.03	29.78 0.22 -1.85	29.89 0.14 -1.30	30.23 0.18 -0.34	29.03 0.17 -0.17	22.43 0.11 -0.54	21.87 0.15 -0.32
HAMPSHIRE___PAPER_HYD 323593	20.10 -0.90 -0.09	20.10 -0.86 -0.05	19.23 -0.86 -0.04	17.67 -0.72 -0.06	17.13 -0.67 -0.07	18.66 -0.70 0.00	17.69 -0.70 -0.02	18.08 -0.71 -0.04	19.74 -0.91 -0.01	19.99 -0.94 -0.06	19.50 -1.00 -0.09	19.67 -1.03 -0.13	19.95 -1.17 -0.17	19.97 -1.22 -0.21	20.42 -1.20 -0.27	21.17 -1.24 -0.26	21.30 -1.13 -0.63	26.27 -1.18 -0.51	27.15 -1.02 -0.46	27.80 -0.97 -0.33	28.78 -1.01 -0.09	27.61 -1.12 -0.04	21.00 -0.91 -0.13	20.51 -0.96 -0.08
HARDSCRABBLE_WT_PWR 323673	20.89 -0.02 0.00	20.93 0.02 0.00	20.05 0.00 0.00	18.29 -0.04 0.00	17.61 -0.12 0.00	19.29 -0.06 0.00	18.28 -0.09 0.00	18.61 -0.15 0.00	20.46 -0.19 0.00	20.68 -0.19 0.00	20.18 -0.22 0.00	20.30 -0.27 0.00	20.66 -0.29 0.00	20.64 -0.34 0.00	20.96 -0.38 0.00	21.75 -0.40 0.00	21.39 -0.41 0.00	26.46 -0.48 0.00	27.30 -0.41 0.00	28.10 -0.34 0.00	29.50 -0.21 0.00	28.51 -0.17 0.00	21.65 -0.13 0.00	21.29 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.37 1.34 -3.12	23.88 1.32 -1.65	22.66 1.24 -1.36	21.40 1.08 -1.99	21.04 0.99 -2.31	20.65 1.12 -0.18	20.07 1.05 -0.65	21.20 1.16 -1.27	22.38 1.38 -0.35	24.33 1.40 -2.06	25.08 1.35 -3.32	26.53 1.52 -4.43	28.63 1.63 -6.03	30.13 1.70 -7.45	32.88 1.75 -9.79	33.02 1.77 -9.10	46.80 1.79 -23.21	47.82 2.16 -18.72	46.60 2.19 -16.70	42.23 2.25 -11.53	34.89 2.14 -3.05	32.39 2.18 -1.53	28.21 1.66 -4.77	25.77 1.52 -2.86
HARSNRAD_115KV_TB1 81005	21.16 -0.23 -0.48	20.92 -0.25 -0.25	19.78 -0.48 -0.21	18.08 -0.55 -0.31	17.58 -0.51 -0.36	18.74 -0.64 -0.03	17.77 -0.70 -0.10	18.11 -0.84 -0.20	19.54 -1.16 -0.05	20.04 -1.15 -0.32	19.75 -1.16 -0.51	20.08 -1.17 -0.68	21.28 -0.61 -0.93	21.62 -0.50 -1.15	22.37 -0.45 -1.47	23.13 -0.42 -1.40	24.65 -0.57 -3.41	28.94 -0.78 -2.78	29.05 -1.19 -2.52	29.11 -1.11 -1.78	29.13 -1.04 -0.47	28.20 -0.72 -0.23	21.95 -0.57 -0.73	21.86 0.02 -0.44
HARZA MOOSE___RIVER 24016	21.07 0.04 -0.11	21.06 0.08 -0.06	20.14 0.04 -0.05	18.42 0.02 -0.07	17.82 0.00 -0.08	19.44 0.08 -0.01	18.43 0.04 -0.02	18.82 0.02 -0.05	20.63 -0.02 -0.01	20.95 0.00 -0.07	20.40 -0.12 -0.12	20.57 -0.16 -0.16	21.01 -0.17 -0.22	21.08 -0.17 -0.27	21.50 -0.19 -0.35	22.37 -0.11 -0.33	22.52 -0.09 -0.81	27.71 0.11 -0.66	28.56 0.25 -0.60	29.23 0.37 -0.42	30.23 0.42 -0.11	29.05 0.32 -0.06	22.09 0.13 -0.17	21.63 0.13 -0.10

HDSNBRDG_115KV_BRDG_TB1 355580	21.13 -0.08 -0.30	20.99 -0.08 -0.16	20.04 -0.14 -0.13	18.35 -0.16 -0.19	17.81 -0.14 -0.22	19.19 -0.17 -0.02	18.29 -0.15 -0.06	18.71 -0.17 -0.12	20.47 -0.21 -0.03	20.92 -0.15 -0.20	20.58 -0.14 -0.32	20.81 -0.19 -0.43	21.45 -0.08 -0.58	21.65 -0.04 -0.71	22.26 0.00 -0.92	23.02 0.00 -0.87	23.88 -0.04 -2.12	28.54 -0.13 -1.73	29.12 -0.17 -1.57	29.32 -0.23 -1.11	29.79 -0.21 -0.29	28.63 -0.20 -0.15	22.11 -0.13 -0.46	21.58 -0.09 -0.27
HELLGATE_13_KV_LD 55870	26.05 1.74 -3.40	24.43 1.71 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	21.00 1.45 -0.20	20.36 1.29 -0.70	21.62 1.48 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.26 1.87 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.06 2.07 -10.65	33.97 1.95 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.92 2.58 -1.66	29.01 2.05 -5.18	26.41 1.90 -3.11
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.05 1.74 -3.40	24.43 1.71 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	21.00 1.45 -0.20	20.36 1.29 -0.70	21.62 1.48 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.26 1.87 -4.81	29.50 1.99 -6.55	31.12 2.06 -8.09	34.06 2.07 -10.65	33.97 1.95 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.22 2.36 -18.15	43.38 2.42 -12.52	35.30 2.29 -3.31	32.92 2.58 -1.66	29.01 2.05 -5.18	26.41 1.90 -3.11
HEMPSTEAD____ 23647	35.39 1.86 -12.61	31.74 1.84 -8.99	29.12 1.74 -7.32	26.39 1.54 -6.52	26.13 1.49 -6.90	26.21 1.61 -5.25	26.04 1.51 -6.16	26.75 1.65 -6.34	28.83 1.88 -6.31	32.07 1.94 -9.26	37.19 1.82 -14.97	43.91 1.93 -21.41	49.18 2.10 -26.13	57.39 2.12 -34.30	45.75 2.11 -22.29	49.09 2.21 -24.73	53.80 2.23 -29.77	51.92 2.69 -22.29	49.85 2.74 -19.39	44.92 2.79 -13.69	37.40 2.70 -4.99	36.48 2.70 -5.10	37.63 2.14 -13.72	36.05 2.03 -12.62
HEWLETT__69_KV_BK3 55828	35.61 2.09 -12.61	31.97 2.07 -8.99	29.36 1.99 -7.32	26.61 1.76 -6.52	26.32 1.68 -6.90	26.44 1.84 -5.25	26.26 1.73 -6.16	26.96 1.86 -6.34	29.06 2.11 -6.31	32.24 2.11 -9.26	37.38 2.02 -14.96	44.22 2.24 -21.41	49.45 2.37 -26.13	57.45 2.41 -34.07	46.14 2.50 -22.29	49.40 2.53 -24.73	54.10 2.53 -29.77	51.31 3.07 -21.29	49.42 3.13 -18.57	44.50 3.19 -12.87	36.93 3.12 -4.11	36.46 3.13 -4.65	37.98 2.48 -13.71	36.37 2.35 -12.62
HICKLING___1 23621	21.93 0.23 -0.79	21.56 0.23 -0.42	20.48 0.08 -0.34	18.77 -0.05 -0.50	18.33 0.02 -0.58	19.38 -0.02 -0.04	18.50 -0.04 -0.16	19.01 -0.08 -0.32	20.59 -0.14 -0.09	21.24 -0.15 -0.52	21.08 -0.16 -0.84	21.54 -0.14 -1.12	22.62 0.15 -1.52	23.10 0.25 -1.88	24.05 0.30 -2.40	24.79 0.35 -2.29	27.64 0.26 -5.58	31.83 0.35 -4.54	32.09 0.25 -4.13	31.60 0.26 -2.90	30.83 0.36 -0.77	29.53 0.46 -0.38	23.27 0.28 -1.20	22.61 0.49 -0.72
HICKLING___2 23622	21.93 0.23 -0.79	21.56 0.23 -0.42	20.48 0.08 -0.34	18.77 -0.05 -0.50	18.33 0.02 -0.58	19.38 -0.02 -0.04	18.50 -0.04 -0.16	19.01 -0.08 -0.32	20.59 -0.14 -0.09	21.24 -0.15 -0.52	21.08 -0.16 -0.84	21.54 -0.14 -1.12	22.62 0.15 -1.52	23.10 0.25 -1.88	24.05 0.30 -2.40	24.79 0.35 -2.29	27.64 0.26 -5.58	31.83 0.35 -4.54	32.09 0.25 -4.13	31.60 0.26 -2.90	30.83 0.36 -0.77	29.53 0.46 -0.38	23.27 0.28 -1.20	22.61 0.49 -0.72
HIGH FALLS___HY 23754	25.64 1.38 -3.35	24.04 1.36 -1.77	22.80 1.28 -1.46	21.56 1.10 -2.13	21.19 0.98 -2.48	20.70 1.16 -0.19	20.10 1.03 -0.70	21.31 1.18 -1.36	22.40 1.38 -0.38	24.45 1.38 -2.21	25.26 1.29 -3.57	26.77 1.44 -4.76	29.00 1.57 -6.47	30.63 1.66 -7.99	33.42 1.71 -10.36	33.63 1.73 -9.76	47.85 1.77 -24.28	48.84 2.21 -19.68	47.75 2.30 -17.74	43.23 2.42 -12.37	35.20 2.23 -3.27	32.61 2.29 -1.64	28.62 1.72 -5.12	26.02 1.56 -3.06
HILLBURN___GT 23639	25.47 1.38 -3.18	23.95 1.36 -1.68	22.72 1.28 -1.39	21.45 1.10 -2.02	21.08 0.99 -2.35	20.69 1.16 -0.18	20.12 1.08 -0.66	21.26 1.20 -1.30	22.42 1.42 -0.36	24.43 1.46 -2.09	25.20 1.41 -3.39	26.63 1.54 -4.52	28.78 1.68 -6.15	30.26 1.70 -7.59	33.03 1.71 -9.97	33.21 1.79 -9.26	47.25 1.79 -23.65	48.20 2.18 -19.08	46.91 2.19 -17.01	42.44 2.25 -11.75	34.95 2.14 -3.11	32.36 2.12 -1.55	28.29 1.65 -4.86	25.85 1.54 -2.91
HILLSIDE_115KV_TB1 80332	21.68 -0.04 -0.81	21.30 -0.04 -0.43	20.23 -0.18 -0.35	18.57 -0.27 -0.52	18.09 -0.25 -0.60	19.11 -0.29 -0.05	18.26 -0.28 -0.17	18.77 -0.32 -0.33	20.34 -0.39 -0.09	21.01 -0.40 -0.54	20.86 -0.41 -0.87	21.33 -0.39 -1.15	22.40 -0.13 -1.57	22.88 -0.04 -1.94	23.83 0.00 -2.49	24.56 0.04 -2.37	27.51 -0.07 -5.77	31.56 -0.08 -4.70	31.76 -0.22 -4.27	31.25 -0.20 -3.00	30.41 -0.09 -0.79	29.11 0.03 -0.40	22.98 -0.04 -1.24	22.31 0.17 -0.74
HISHELDN_WT_PWR 323625	21.31 -0.17 -0.57	21.02 -0.19 -0.30	19.92 -0.38 -0.25	18.21 -0.48 -0.36	17.75 -0.41 -0.42	18.92 -0.46 -0.03	17.92 -0.57 -0.12	18.32 -0.67 -0.23	19.78 -0.93 -0.06	20.33 -0.92 -0.37	20.05 -0.96 -0.60	20.43 -0.95 -0.80	21.55 -0.50 -1.10	21.93 -0.40 -1.35	22.27 -0.81 -1.73	23.51 -0.29 -1.65	25.41 -0.41 -4.02	29.68 -0.54 -3.27	29.88 -0.80 -2.98	29.83 -0.71 -2.09	29.63 -0.63 -0.55	28.59 -0.37 -0.28	22.32 -0.33 -0.87	22.08 0.17 -0.52
HOLTSVILLE_IC_1 23690	36.41 2.38 -13.12	32.31 2.40 -8.99	29.60 2.23 -7.32	26.78 1.92 -6.52	26.52 1.88 -6.90	26.61 2.01 -5.25	26.41 1.87 -6.16	27.14 2.05 -6.34	29.28 2.33 -6.31	32.55 2.42 -9.26	38.47 2.24 -15.82	44.28 2.30 -21.41	49.53 2.45 -26.13	82.88 2.37 -59.53	133.04 2.35 -109.34	143.38 2.41 -118.82	141.71 2.44 -117.46	219.39 3.02 -189.43	143.51 3.08 -112.72	132.99 3.19 -101.36	132.69 3.12 -99.87	85.04 3.16 -53.20	47.63 2.55 -23.30	36.62 2.52 -12.70
HOLTSVILLE_IC_10 23699	36.63 2.57 -13.15	32.47 2.57 -8.99	29.76 2.39 -7.32	26.92 2.07 -6.52	26.66 2.02 -6.90	26.77 2.17 -5.25	26.54 2.00 -6.16	27.27 2.18 -6.34	29.43 2.48 -6.31	32.72 2.59 -9.26	38.70 2.43 -15.87	44.49 2.51 -21.41	49.75 2.66 -26.13	84.76 2.58 -61.20	138.75 2.56 -114.84	149.57 2.66 -124.77	147.49 2.68 -123.00	230.58 3.31 -200.32	127.90 3.35 -96.84	139.11 3.50 -107.17	139.27 3.41 -106.15	88.51 3.44 -56.39	48.46 2.77 -23.91	36.82 2.72 -12.70
HOLTSVILLE_IC_2 23691	36.41 2.38 -13.12	32.31 2.40 -8.99	29.60 2.23 -7.32	26.78 1.92 -6.52	26.52 1.88 -6.90	26.61 2.01 -5.25	26.41 1.87 -6.16	27.14 2.05 -6.34	29.28 2.33 -6.31	32.55 2.42 -9.26	38.47 2.24 -15.82	44.28 2.30 -21.41	49.53 2.45 -26.13	82.88 2.37 -59.53	133.04 2.35 -109.34	143.38 2.41 -118.82	141.71 2.44 -117.46	219.39 3.02 -189.43	143.51 3.08 -112.72	132.99 3.19 -101.36	132.69 3.12 -99.87	85.04 3.16 -53.20	47.63 2.55 -23.30	36.62 2.52 -12.70
HOLTSVILLE_IC_3 23692	36.41 2.38 -13.12	32.31 2.40 -8.99	29.60 2.23 -7.32	26.78 1.92 -6.52	26.52 1.88 -6.90	26.61 2.01 -5.25	26.41 1.87 -6.16	27.14 2.05 -6.34	29.28 2.33 -6.31	32.55 2.42 -9.26	38.47 2.24 -15.82	44.28 2.30 -21.41	49.53 2.45 -26.13	82.88 2.37 -59.53	133.04 2.35 -109.34	143.38 2.41 -118.82	141.71 2.44 -117.46	219.39 3.02 -189.43	143.51 3.08 -112.72	132.99 3.19 -101.36	132.69 3.12 -99.87	85.04 3.16 -53.20	47.63 2.55 -23.30	36.62 2.52 -12.70

HOLTSVILLE_IC_4 23693	36.41 2.38 -13.12	32.31 2.40 -8.99	29.60 2.23 -7.32	26.78 1.92 -6.52	26.52 1.88 -6.90	26.61 2.01 -5.25	26.41 1.87 -6.16	27.14 2.05 -6.34	29.28 2.33 -6.31	32.55 2.42 -9.26	38.47 2.24 -15.82	44.28 2.30 -21.41	49.53 2.45 -26.13	82.88 2.37 -59.53	133.04 2.35 -109.34	143.38 2.41 -118.82	141.71 2.44 -117.46	219.39 3.02 -189.43	143.51 3.08 -112.72	132.99 3.19 -101.36	132.69 3.12 -99.87	85.04 3.16 -53.20	47.63 2.55 -23.30	36.62 2.52 -12.70
HOLTSVILLE_IC_5 23694	36.41 2.38 -13.12	32.31 2.40 -8.99	29.60 2.23 -7.32	26.78 1.92 -6.52	26.52 1.88 -6.90	26.61 2.01 -5.25	26.41 1.87 -6.16	27.14 2.05 -6.34	29.28 2.33 -6.31	32.55 2.42 -9.26	38.47 2.24 -15.82	44.28 2.30 -21.41	49.53 2.45 -26.13	82.88 2.37 -59.53	133.04 2.35 -109.34	143.38 2.41 -118.82	141.71 2.44 -117.46	219.39 3.02 -189.43	143.51 3.08 -112.72	132.99 3.19 -101.36	132.69 3.12 -99.87	85.04 3.16 -53.20	47.63 2.55 -23.30	36.62 2.52 -12.70
HOLTSVILLE_IC_6 23695	36.63 2.57 -13.15	32.47 2.57 -8.99	29.76 2.39 -7.32	26.92 2.07 -6.52	26.66 2.02 -6.90	26.77 2.17 -5.25	26.54 2.00 -6.16	27.27 2.18 -6.34	29.43 2.48 -6.31	32.72 2.59 -9.26	38.70 2.43 -15.87	44.49 2.51 -21.41	49.75 2.66 -26.13	84.76 2.58 -61.20	138.75 2.56 -114.84	149.57 2.66 -124.77	147.49 2.68 -123.00	230.58 3.31 -200.32	127.90 3.35 -96.84	139.11 3.50 -107.17	139.27 3.41 -106.15	88.51 3.44 -56.39	48.46 2.77 -23.91	36.82 2.72 -12.70
HOLTSVILLE_IC_7 23696	36.63 2.57 -13.15	32.47 2.57 -8.99	29.76 2.39 -7.32	26.92 2.07 -6.52	26.66 2.02 -6.90	26.77 2.17 -5.25	26.54 2.00 -6.16	27.27 2.18 -6.34	29.43 2.48 -6.31	32.72 2.59 -9.26	38.70 2.43 -15.87	44.49 2.51 -21.41	49.75 2.66 -26.13	84.76 2.58 -61.20	138.75 2.56 -114.84	149.57 2.66 -124.77	147.49 2.68 -123.00	230.58 3.31 -200.32	127.90 3.35 -96.84	139.11 3.50 -107.17	139.27 3.41 -106.15	88.51 3.44 -56.39	48.46 2.77 -23.91	36.82 2.72 -12.70
HOLTSVILLE_IC_8 23697	36.63 2.57 -13.15	32.47 2.57 -8.99	29.76 2.39 -7.32	26.92 2.07 -6.52	26.66 2.02 -6.90	26.77 2.17 -5.25	26.54 2.00 -6.16	27.27 2.18 -6.34	29.43 2.48 -6.31	32.72 2.59 -9.26	38.70 2.43 -15.87	44.49 2.51 -21.41	49.75 2.66 -26.13	84.76 2.58 -61.20	138.75 2.56 -114.84	149.57 2.66 -124.77	147.49 2.68 -123.00	230.58 3.31 -200.32	127.90 3.35 -96.84	139.11 3.50 -107.17	139.27 3.41 -106.15	88.51 3.44 -56.39	48.46 2.77 -23.91	36.82 2.72 -12.70
HOLTSVILLE_IC_9 23698	36.63 2.57 -13.15	32.47 2.57 -8.99	29.76 2.39 -7.32	26.92 2.07 -6.52	26.66 2.02 -6.90	26.77 2.17 -5.25	26.54 2.00 -6.16	27.27 2.18 -6.34	29.43 2.48 -6.31	32.72 2.59 -9.26	38.70 2.43 -15.87	44.49 2.51 -21.41	49.75 2.66 -26.13	84.76 2.58 -61.20	138.75 2.56 -114.84	149.57 2.66 -124.77	147.49 2.68 -123.00	230.58 3.31 -200.32	127.90 3.35 -96.84	139.11 3.50 -107.17	139.27 3.41 -106.15	88.51 3.44 -56.39	48.46 2.77 -23.91	36.82 2.72 -12.70
HOMER_HL_115KV_TB2 355744	20.92 -0.59 -0.60	20.62 -0.61 -0.32	19.53 -0.78 -0.26	17.83 -0.88 -0.38	17.38 -0.80 -0.44	18.51 -0.87 -0.03	17.52 -0.97 -0.12	17.99 -1.01 -0.24	19.49 -1.22 -0.07	20.01 -1.25 -0.39	19.80 -1.24 -0.64	20.16 -1.25 -0.85	21.27 -0.84 -1.15	21.69 -0.71 -1.43	22.47 -0.70 -1.83	23.25 -0.64 -1.74	25.24 -0.81 -4.24	29.37 -1.02 -3.45	29.52 -1.33 -3.14	29.43 -1.22 -2.21	29.16 -1.13 -0.58	28.11 -0.86 -0.29	21.98 -0.72 -0.91	21.66 -0.28 -0.55
HOWARD_WT_PWR 323690	21.76 0.19 -0.66	21.45 0.19 -0.35	20.34 0.00 -0.29	18.62 -0.13 -0.42	18.15 -0.07 -0.49	19.37 -0.02 -0.04	18.40 -0.11 -0.14	18.84 -0.19 -0.27	20.35 -0.37 -0.07	20.93 -0.38 -0.43	20.68 -0.43 -0.70	21.05 -0.45 -0.93	22.12 -0.10 -1.27	22.51 -0.04 -1.57	23.04 -0.32 -2.01	24.18 0.11 -1.92	26.54 0.07 -4.67	30.91 0.16 -3.80	31.34 0.17 -3.46	31.13 0.26 -2.43	30.73 0.39 -0.64	29.55 0.54 -0.32	23.14 0.35 -1.01	22.64 0.64 -0.60
HQ_GEN_CEDARS 23644	20.41 -0.50 0.00	20.43 -0.48 0.00	19.59 -0.46 0.00	18.09 -0.24 0.00	17.47 -0.27 0.00	19.10 -0.25 0.00	18.13 -0.24 0.00	18.53 -0.23 0.00	20.23 -0.41 0.00	20.41 -0.46 0.00	19.96 -0.45 0.00	20.12 -0.45 0.00	20.33 -0.63 0.00	20.28 -0.69 0.00	20.62 -0.73 0.00	21.37 -0.78 0.00	21.15 -0.65 0.00	26.19 -0.75 0.00	27.05 -0.67 0.00	27.76 -0.68 0.00	28.96 -0.74 0.00	27.85 -0.83 0.00	21.17 -0.61 0.00	20.73 -0.66 0.00
HQ_GEN_CEDARS_PROXY 323590	20.41 -0.50 0.00	20.43 -0.48 0.00	19.59 -0.46 0.00	18.09 -0.24 0.00	17.47 -0.27 0.00	19.10 -0.25 0.00	18.13 -0.24 0.00	18.54 -0.22 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.96 -0.45 0.00	20.14 -0.43 0.00	20.33 -0.63 0.00	20.30 -0.67 0.00	20.77 -0.58 0.00	21.37 -0.78 0.00	21.15 -0.65 0.00	26.19 -0.75 0.00	27.05 -0.67 0.00	27.76 -0.68 0.00	28.96 -0.74 0.00	27.85 -0.83 0.00	21.17 -0.61 0.00	20.73 -0.66 0.00
HQ_GEN_IMPORT 323601	20.60 -0.31 0.00	20.60 -0.31 0.00	19.79 -0.26 0.00	18.13 -0.20 0.00	17.54 -0.19 0.00	19.14 -0.21 0.00	18.17 -0.20 0.00	18.55 -0.21 0.00	20.40 -0.25 0.00	20.60 -0.27 0.00	20.16 -0.24 0.00	20.33 -0.25 0.00	20.60 -0.36 0.00	20.60 -0.38 0.00	21.03 -0.32 0.00	21.71 -0.44 0.00	21.41 -0.39 0.00	26.48 -0.46 0.00	27.27 -0.44 0.00	27.99 -0.46 0.00	29.23 -0.48 0.00	28.17 -0.52 0.00	21.39 -0.39 0.00	20.99 -0.41 0.00
HQ_GEN_WHEEL 23651	20.60 -0.31 0.00	20.60 -0.31 0.00	19.79 -0.26 0.00	18.13 -0.20 0.00	17.54 -0.19 0.00	19.14 -0.21 0.00	18.17 -0.20 0.00	18.55 -0.21 0.00	20.40 -0.25 0.00	20.60 -0.27 0.00	20.16 -0.24 0.00	20.33 -0.25 0.00	20.60 -0.36 0.00	20.60 -0.38 0.00	21.03 -0.32 0.00	21.71 -0.44 0.00	21.41 -0.39 0.00	26.48 -0.46 0.00	27.27 -0.44 0.00	27.99 -0.46 0.00	29.23 -0.48 0.00	28.17 -0.52 0.00	21.39 -0.39 0.00	20.99 -0.41 0.00
HUDSON_AVE_GT_3 23810	26.00 1.69 -3.39	24.35 1.65 -1.79	23.10 1.56 -1.48	21.84 1.36 -2.15	21.54 1.29 -2.51	20.95 1.41 -0.19	20.38 1.30 -0.70	21.64 1.50 -1.38	22.74 1.71 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.28 1.89 -4.81	29.52 2.01 -6.55	31.14 2.08 -8.09	34.11 2.11 -10.65	34.10 2.08 -9.87	49.21 2.11 -25.29	49.89 2.56 -20.39	48.41 2.55 -18.15	43.55 2.59 -12.52	35.48 2.47 -3.31	32.92 2.58 -1.66	28.94 1.98 -5.18	26.34 1.84 -3.10
HUDSON_AVE_GT_4 23540	26.00 1.69 -3.39	24.35 1.65 -1.79	23.10 1.56 -1.48	21.84 1.36 -2.15	21.54 1.29 -2.51	20.95 1.41 -0.19	20.38 1.30 -0.70	21.64 1.50 -1.38	22.74 1.71 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.28 1.89 -4.81	29.52 2.01 -6.55	31.14 2.08 -8.09	34.11 2.11 -10.65	34.10 2.08 -9.87	49.21 2.11 -25.29	49.89 2.56 -20.39	48.41 2.55 -18.15	43.55 2.59 -12.52	35.48 2.47 -3.31	32.92 2.58 -1.66	28.94 1.98 -5.18	26.34 1.84 -3.10
HUDSON_AVE_GT_5 23657	26.00 1.69 -3.39	24.35 1.65 -1.79	23.10 1.56 -1.48	21.84 1.36 -2.15	21.54 1.29 -2.51	20.95 1.41 -0.19	20.38 1.30 -0.70	21.64 1.50 -1.38	22.74 1.71 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.28 1.89 -4.81	29.52 2.01 -6.55	31.14 2.08 -8.09	34.11 2.11 -10.65	34.10 2.08 -9.87	49.21 2.11 -25.29	49.89 2.56 -20.39	48.41 2.55 -18.15	43.55 2.59 -12.52	35.48 2.47 -3.31	32.92 2.58 -1.66	28.94 1.98 -5.18	26.34 1.84 -3.10

HUDSON_AVE_10 24168	25.89 1.59 -3.39	24.25 1.55 -1.79	23.00 1.46 -1.48	21.75 1.26 -2.15	21.45 1.21 -2.51	20.86 1.32 -0.19	20.31 1.23 -0.70	21.57 1.43 -1.38	22.68 1.65 -0.38	24.84 1.73 -2.23	25.58 1.57 -3.61	27.17 1.79 -4.81	29.39 1.89 -6.55	30.99 1.93 -8.09	33.96 1.96 -10.65	33.95 1.93 -9.87	49.08 1.98 -25.29	49.70 2.37 -20.39	48.25 2.38 -18.15	43.38 2.42 -12.52	35.27 2.26 -3.31	32.72 2.38 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
HUDSON___115KV_TB 4 355613	26.09 0.96 -4.21	24.06 0.92 -2.23	22.75 0.86 -1.84	21.78 0.77 -2.68	21.63 0.78 -3.12	20.46 0.87 -0.24	20.06 0.81 -0.88	21.25 0.77 -1.72	22.03 0.91 -0.48	24.54 0.90 -2.77	25.81 0.92 -4.49	27.54 0.99 -5.98	30.17 1.07 -8.14	32.13 1.09 -10.06	35.15 1.13 -12.67	35.62 1.20 -12.28	51.96 1.22 -28.93	52.22 1.56 -23.72	51.21 1.64 -21.87	45.71 1.71 -15.56	35.66 1.84 -4.12	32.46 1.72 -2.06	29.42 1.20 -6.44	26.36 1.11 -3.86
HUNTER MOUNT___DRP 323613	25.93 0.94 -4.07	23.96 0.90 -2.15	22.65 0.82 -1.78	21.67 0.75 -2.59	21.53 0.78 -3.01	20.47 0.89 -0.23	20.01 0.79 -0.85	21.17 0.75 -1.66	21.99 0.89 -0.46	24.43 0.88 -2.68	25.64 0.90 -4.34	27.32 0.97 -5.78	29.88 1.05 -7.87	31.77 1.07 -9.72	34.77 1.11 -12.32	35.23 1.22 -11.87	51.30 1.24 -28.25	51.64 1.59 -23.11	50.62 1.69 -21.22	45.31 1.82 -15.04	35.62 1.93 -3.98	32.45 1.78 -1.99	29.25 1.24 -6.22	26.23 1.11 -3.73
HUNTINGTON_RES_REC 323705	37.18 2.34 -13.93	32.20 2.30 -8.99	29.50 2.12 -7.32	26.70 1.85 -6.52	26.46 1.83 -6.90	26.54 1.93 -5.25	26.35 1.82 -6.16	27.09 1.99 -6.34	29.22 2.27 -6.31	32.51 2.38 -9.26	39.82 2.26 -17.15	44.36 2.39 -21.41	49.64 2.56 -26.13	123.15 2.52 -99.65	270.19 2.50 -246.35	291.67 2.59 -266.93	279.92 2.62 -255.50	484.41 3.20 -454.27	287.98 3.27 -257.00	272.58 3.35 -240.78	283.72 3.27 -250.74	161.64 3.27 -129.69	54.52 2.59 -30.15	36.75 2.54 -12.81
HUNTLEY___63 23557	21.33 -0.08 -0.50	21.07 -0.10 -0.26	19.95 -0.32 -0.22	18.21 -0.44 -0.32	17.73 -0.37 -0.37	18.88 -0.50 -0.03	17.87 -0.61 -0.10	18.21 -0.75 -0.20	19.62 -1.07 -0.06	20.14 -1.06 -0.33	19.87 -1.06 -0.53	20.21 -1.07 -0.71	21.42 -0.50 -0.96	21.77 -0.40 -1.19	22.55 -0.32 -1.52	23.31 -0.29 -1.45	24.88 -0.46 -3.53	29.15 -0.67 -2.88	29.25 -1.08 -2.62	29.29 -1.00 -1.84	29.30 -0.89 -0.49	28.35 -0.57 -0.24	22.09 -0.46 -0.76	22.00 0.15 -0.46
HUNTLEY___64 23558	21.33 -0.08 -0.50	21.07 -0.10 -0.26	19.95 -0.32 -0.22	18.21 -0.44 -0.32	17.73 -0.37 -0.37	18.88 -0.50 -0.03	17.87 -0.61 -0.10	18.21 -0.75 -0.20	19.62 -1.07 -0.06	20.14 -1.06 -0.33	19.87 -1.06 -0.53	20.21 -1.07 -0.71	21.42 -0.50 -0.96	21.77 -0.40 -1.19	22.55 -0.32 -1.52	23.31 -0.29 -1.45	24.88 -0.46 -3.53	29.15 -0.67 -2.88	29.25 -1.08 -2.62	29.29 -1.00 -1.84	29.30 -0.89 -0.49	28.35 -0.57 -0.24	22.09 -0.46 -0.76	22.00 0.15 -0.46
HUNTLEY___65 23559	21.33 -0.08 -0.50	21.07 -0.10 -0.26	19.95 -0.32 -0.22	18.21 -0.44 -0.32	17.73 -0.37 -0.37	18.88 -0.50 -0.03	17.87 -0.61 -0.10	18.21 -0.75 -0.20	19.62 -1.07 -0.06	20.14 -1.06 -0.33	19.87 -1.06 -0.53	20.21 -1.07 -0.71	21.42 -0.50 -0.96	21.77 -0.40 -1.19	22.55 -0.32 -1.52	23.31 -0.29 -1.45	24.88 -0.46 -3.53	29.15 -0.67 -2.88	29.25 -1.08 -2.62	29.29 -1.00 -1.84	29.30 -0.89 -0.49	28.35 -0.57 -0.24	22.09 -0.46 -0.76	22.00 0.15 -0.46
HUNTLEY___66 23560	21.33 -0.08 -0.50	21.07 -0.10 -0.26	19.95 -0.32 -0.22	18.21 -0.44 -0.32	17.73 -0.37 -0.37	18.88 -0.50 -0.03	17.87 -0.61 -0.10	18.21 -0.75 -0.20	19.62 -1.07 -0.06	20.14 -1.06 -0.33	19.87 -1.06 -0.53	20.21 -1.07 -0.71	21.42 -0.50 -0.96	21.77 -0.40 -1.19	22.55 -0.32 -1.52	23.31 -0.29 -1.45	24.88 -0.46 -3.53	29.15 -0.67 -2.88	29.25 -1.08 -2.62	29.29 -1.00 -1.84	29.30 -0.89 -0.49	28.35 -0.57 -0.24	22.09 -0.46 -0.76	22.00 0.15 -0.46
HUNTLEY___67 23561	21.19 -0.23 -0.51	20.93 -0.25 -0.27	19.81 -0.46 -0.22	18.10 -0.55 -0.32	17.61 -0.50 -0.38	18.74 -0.64 -0.03	17.78 -0.70 -0.11	18.14 -0.83 -0.21	19.58 -1.11 -0.06	20.10 -1.11 -0.33	19.82 -1.12 -0.54	20.16 -1.13 -0.72	21.35 -0.59 -0.98	21.71 -0.48 -1.21	22.48 -0.43 -1.55	23.23 -0.40 -1.48	24.86 -0.55 -3.61	29.12 -0.75 -2.94	29.22 -1.16 -2.67	29.24 -1.08 -1.88	29.16 -1.04 -0.50	28.24 -0.69 -0.25	22.01 -0.54 -0.78	21.88 0.02 -0.46
HUNTLEY___68 23562	21.19 -0.23 -0.51	20.93 -0.25 -0.27	19.81 -0.46 -0.22	18.10 -0.55 -0.32	17.61 -0.50 -0.38	18.74 -0.64 -0.03	17.78 -0.70 -0.11	18.14 -0.83 -0.21	19.58 -1.11 -0.06	20.10 -1.11 -0.33	19.82 -1.12 -0.54	20.16 -1.13 -0.72	21.35 -0.59 -0.98	21.71 -0.48 -1.21	22.48 -0.43 -1.55	23.23 -0.40 -1.48	24.86 -0.55 -3.61	29.12 -0.75 -2.94	29.22 -1.16 -2.67	29.24 -1.08 -1.88	29.16 -1.04 -0.50	28.24 -0.69 -0.25	22.01 -0.54 -0.78	21.88 0.02 -0.46
HYLAND___LFGE 323620	22.36 0.90 -0.55	22.10 0.90 -0.29	20.83 0.54 -0.24	19.10 0.42 -0.35	18.69 0.55 -0.41	19.89 0.50 -0.03	18.80 0.31 -0.11	18.83 -0.15 -0.22	19.94 -0.76 -0.06	20.23 -1.00 -0.36	19.80 -1.18 -0.58	20.09 -1.26 -0.78	21.13 -0.88 -1.06	21.55 -0.73 -1.31	22.08 -0.94 -1.67	23.24 -0.51 -1.59	25.30 -0.39 -3.88	30.19 0.08 -3.16	31.09 0.50 -2.88	31.57 1.11 -2.02	31.66 1.43 -0.53	30.47 1.52 -0.27	23.64 1.02 -0.84	23.14 1.24 -0.50
INDECK___CORINTH 23802	26.33 0.90 -4.52	24.20 0.90 -2.39	22.81 0.78 -1.97	21.90 0.70 -2.88	21.84 0.76 -3.35	20.38 0.77 -0.25	20.07 0.75 -0.94	21.33 0.73 -1.84	22.06 0.91 -0.51	24.75 0.90 -2.98	26.04 0.82 -4.82	27.78 0.78 -6.42	30.52 0.82 -8.74	32.65 0.88 -10.80	35.67 0.81 -13.51	36.23 0.91 -13.18	53.55 1.11 -30.63	53.55 1.43 -25.18	52.53 1.47 -23.35	46.71 1.56 -16.70	36.05 1.93 -4.42	32.64 1.75 -2.21	29.85 1.15 -6.91	26.56 1.03 -4.14
INDECK___ILION 23567	20.95 0.04 0.00	20.98 0.06 0.00	20.11 0.06 0.00	18.35 0.02 0.00	17.72 -0.02 0.00	19.39 0.04 0.00	18.39 0.02 0.00	18.74 -0.02 0.00	20.62 -0.02 0.00	20.85 -0.02 0.00	20.36 -0.04 0.00	20.53 -0.04 0.00	20.89 -0.06 0.00	20.91 -0.06 0.00	21.28 -0.06 0.00	22.08 -0.07 0.00	21.72 -0.09 0.00	26.86 -0.08 0.00	27.66 -0.06 0.00	28.44 0.00 0.00	29.76 0.06 0.00	28.74 0.06 0.00	21.83 0.04 0.00	21.44 0.04 0.00
INDECK___OLEAN 23982	20.93 -0.59 -0.60	20.62 -0.61 -0.32	19.53 -0.78 -0.26	17.83 -0.88 -0.38	17.38 -0.80 -0.44	18.71 -0.68 -0.03	17.52 -0.97 -0.12	17.99 -1.01 -0.24	19.49 -1.22 -0.07	20.03 -1.23 -0.39	19.80 -1.25 -0.64	20.19 -1.23 -0.85	21.27 -0.84 -1.15	21.67 -0.73 -1.43	22.04 -1.13 -1.83	23.23 -0.66 -1.74	25.24 -0.81 -4.24	29.34 -1.05 -3.45	29.55 -1.30 -3.14	29.43 -1.22 -2.21	29.16 -1.13 -0.58	28.09 -0.89 -0.29	21.98 -0.72 -0.91	21.64 -0.30 -0.55
INDECK___OSWEGO 23783	20.84 -0.34 -0.26	20.74 -0.31 -0.14	19.81 -0.36 -0.11	18.14 -0.35 -0.16	17.61 -0.32 -0.19	19.00 -0.37 -0.01	18.09 -0.33 -0.05	18.49 -0.38 -0.11	20.26 -0.41 -0.03	20.67 -0.38 -0.17	20.29 -0.39 -0.28	20.51 -0.43 -0.37	21.08 -0.38 -0.50	21.24 -0.36 -0.62	21.71 -0.43 -0.79	22.57 -0.33 -0.76	23.30 -0.35 -1.84	27.98 -0.46 -1.50	28.60 -0.47 -1.36	28.89 -0.51 -0.96	29.45 -0.51 -0.25	28.32 -0.49 -0.13	21.79 -0.39 -0.40	21.27 -0.36 -0.24

INDECK___YERKES 23781	21.35 -0.06 -0.50	21.09 -0.08 -0.26	19.95 -0.32 -0.22	18.22 -0.42 -0.32	17.73 -0.37 -0.37	18.92 -0.46 -0.03	17.89 -0.59 -0.10	18.23 -0.73 -0.20	19.65 -1.05 -0.06	20.18 -1.02 -0.33	19.90 -1.04 -0.53	20.25 -1.03 -0.71	21.42 -0.50 -0.96	21.79 -0.38 -1.19	22.02 -0.85 -1.52	23.34 -0.26 -1.45	24.88 -0.46 -3.53	29.17 -0.65 -2.88	29.33 -1.00 -2.62	29.37 -0.91 -1.84	29.33 -0.86 -0.49	28.41 -0.52 -0.24	22.11 -0.44 -0.76	22.02 0.17 -0.46
INDIAN POINT_GT_1 24139	25.66 1.40 -3.34	24.06 1.38 -1.77	22.82 1.30 -1.46	21.59 1.14 -2.13	21.29 1.08 -2.47	20.72 1.18 -0.19	20.17 1.10 -0.70	21.36 1.24 -1.36	22.44 1.42 -0.38	24.58 1.50 -2.20	25.39 1.43 -3.56	26.92 1.60 -4.75	29.12 1.70 -6.46	30.70 1.74 -7.98	33.64 1.79 -10.50	33.68 1.79 -9.74	48.55 1.81 -24.94	49.23 2.18 -20.11	47.83 2.22 -17.90	43.04 2.25 -12.35	35.11 2.14 -3.27	32.53 2.21 -1.63	28.57 1.68 -5.11	25.99 1.54 -3.06
INDIAN POINT_GT_2 23659	25.66 1.40 -3.34	24.06 1.38 -1.77	22.82 1.30 -1.46	21.59 1.14 -2.13	21.29 1.08 -2.47	20.72 1.18 -0.19	20.17 1.10 -0.70	21.36 1.24 -1.36	22.44 1.42 -0.38	24.58 1.50 -2.20	25.39 1.43 -3.56	26.92 1.60 -4.75	29.12 1.70 -6.46	30.70 1.74 -7.98	33.64 1.79 -10.50	33.68 1.79 -9.74	48.55 1.81 -24.94	49.23 2.18 -20.11	47.83 2.22 -17.90	43.04 2.25 -12.35	35.11 2.14 -3.27	32.53 2.21 -1.63	28.57 1.68 -5.11	25.99 1.54 -3.06
INDIAN POINT_GT_3 24019	25.66 1.40 -3.34	24.06 1.38 -1.77	22.82 1.30 -1.46	21.59 1.14 -2.13	21.29 1.08 -2.47	20.72 1.18 -0.19	20.17 1.10 -0.70	21.36 1.24 -1.36	22.44 1.42 -0.38	24.58 1.50 -2.20	25.39 1.43 -3.56	26.92 1.60 -4.75	29.12 1.70 -6.46	30.70 1.74 -7.98	33.64 1.79 -10.50	33.68 1.79 -9.74	48.55 1.81 -24.94	49.23 2.18 -20.11	47.83 2.22 -17.90	43.04 2.25 -12.35	35.11 2.14 -3.27	32.53 2.21 -1.63	28.57 1.68 -5.11	25.99 1.54 -3.06
INDIAN POINT___2 23530	25.56 1.36 -3.28	24.01 1.36 -1.73	22.77 1.28 -1.43	21.53 1.12 -2.09	21.23 1.06 -2.43	20.70 1.16 -0.18	20.14 1.08 -0.68	21.32 1.22 -1.34	22.42 1.40 -0.37	24.49 1.46 -2.16	25.29 1.39 -3.50	26.76 1.52 -4.66	28.96 1.66 -6.35	30.49 1.68 -7.84	33.34 1.69 -10.31	33.47 1.75 -9.57	48.04 1.77 -24.48	48.81 2.13 -19.74	47.43 2.13 -17.58	42.77 2.19 -12.13	35.02 2.11 -3.21	32.38 2.09 -1.61	28.45 1.65 -5.02	25.92 1.52 -3.00
INDIAN POINT___3 23531	25.62 1.36 -3.35	24.04 1.36 -1.77	22.80 1.28 -1.46	21.57 1.12 -2.13	21.27 1.06 -2.48	20.70 1.16 -0.19	20.15 1.08 -0.70	21.34 1.22 -1.36	22.42 1.40 -0.38	24.54 1.46 -2.20	25.35 1.39 -3.56	26.89 1.56 -4.75	29.08 1.66 -6.47	30.66 1.70 -7.98	33.58 1.73 -10.51	33.64 1.75 -9.75	48.51 1.74 -24.96	49.19 2.13 -20.12	47.76 2.13 -17.91	42.96 2.16 -12.36	35.05 2.08 -3.27	32.44 2.12 -1.63	28.53 1.63 -5.11	25.97 1.52 -3.06
INGHAM_C_115KV_TB7 356103	20.85 -0.06 0.00	20.87 -0.04 0.00	20.01 -0.04 0.00	18.26 -0.07 0.00	17.58 -0.16 0.00	19.27 -0.08 0.00	18.24 -0.13 0.00	18.55 -0.21 0.00	20.41 -0.23 0.00	20.64 -0.23 0.00	20.14 -0.27 0.00	20.28 -0.29 0.00	20.64 -0.31 0.00	20.64 -0.34 0.00	20.96 -0.38 0.00	21.75 -0.40 0.00	21.39 -0.41 0.00	26.46 -0.48 0.00	27.30 -0.42 0.00	28.10 -0.34 0.00	29.50 -0.21 0.00	28.48 -0.20 0.00	21.63 -0.15 0.00	21.27 -0.13 0.00
IP CORINTH___1 23988	26.46 1.02 -4.52	24.31 1.00 -2.39	22.91 0.88 -1.97	21.99 0.79 -2.88	21.93 0.85 -3.35	20.48 0.87 -0.25	20.16 0.85 -0.94	21.43 0.83 -1.84	22.16 1.01 -0.51	24.87 1.02 -2.98	26.14 0.92 -4.82	27.92 0.93 -6.42	30.64 0.94 -8.74	32.74 0.96 -10.80	35.84 0.98 -13.51	36.37 1.04 -13.18	53.66 1.22 -30.63	53.69 1.56 -25.18	52.67 1.61 -23.35	46.88 1.74 -16.70	36.23 2.11 -4.42	32.76 1.86 -2.21	29.98 1.29 -6.91	26.69 1.16 -4.14
IP___TICONDEROGA 23804	27.69 2.26 -4.52	25.47 2.17 -2.39	23.97 1.95 -1.97	22.94 1.74 -2.87	22.83 1.76 -3.34	21.54 1.94 -0.25	21.20 1.89 -0.94	22.46 1.86 -1.84	23.36 2.21 -0.51	26.16 2.32 -2.97	27.54 2.33 -4.81	29.33 2.35 -6.41	31.97 2.28 -8.73	34.07 2.31 -10.78	37.16 2.33 -13.48	37.74 2.44 -13.16	54.98 2.62 -30.56	55.38 3.31 -25.13	54.40 3.38 -23.31	48.65 3.53 -16.68	38.40 4.28 -4.41	34.68 3.79 -2.21	31.30 2.61 -6.90	27.95 2.42 -4.13
ISLIP_RES_REC 323679	36.71 2.70 -13.10	32.60 2.70 -8.99	29.88 2.51 -7.32	27.02 2.16 -6.52	26.76 2.13 -6.90	26.86 2.26 -5.25	26.63 2.09 -6.16	27.39 2.29 -6.34	29.55 2.60 -6.31	32.87 2.73 -9.26	38.77 2.57 -15.79	44.63 2.65 -21.41	49.89 2.81 -26.13	82.58 2.77 -58.83	130.69 2.75 -106.58	140.85 2.86 -115.84	139.36 2.88 -114.68	215.07 3.56 -184.57	124.99 3.60 -93.67	131.10 3.73 -98.93	130.63 3.68 -97.24	84.25 3.70 -51.87	48.47 2.94 -23.75	36.98 2.89 -12.70
JAMAICA__27_KV_LOAD 355505	26.08 1.78 -3.39	24.42 1.71 -1.79	23.16 1.62 -1.48	21.88 1.39 -2.15	21.57 1.33 -2.51	20.99 1.45 -0.19	20.45 1.38 -0.70	21.77 1.63 -1.38	22.90 1.88 -0.38	25.06 1.96 -2.23	25.73 1.71 -3.61	27.32 1.93 -4.81	29.52 2.01 -6.55	31.14 2.08 -8.09	34.11 2.11 -10.65	34.08 2.06 -9.87	49.25 2.16 -25.29	49.94 2.61 -20.39	48.47 2.60 -18.15	43.64 2.67 -12.52	35.48 2.47 -3.31	32.92 2.58 -1.66	29.09 2.13 -5.18	26.51 2.01 -3.10
JANIS___SOLAR 323808	22.72 0.98 -0.83	22.37 1.02 -0.44	21.28 0.86 -0.36	19.55 0.70 -0.52	19.02 0.67 -0.61	20.25 0.85 -0.05	19.31 0.77 -0.17	19.81 0.71 -0.34	21.38 0.64 -0.09	22.04 0.63 -0.54	21.77 0.49 -0.88	22.24 0.49 -1.17	23.14 0.59 -1.60	23.58 0.63 -1.97	24.41 0.53 -2.52	25.40 0.84 -2.40	28.53 0.87 -5.86	32.92 1.21 -4.77	33.52 1.47 -4.34	33.14 1.65 -3.05	32.29 1.78 -0.81	30.75 1.66 -0.40	24.18 1.13 -1.26	23.28 1.13 -0.76
JARVIS____ 23743	20.98 0.06 0.00	20.98 0.06 0.00	20.09 0.04 0.00	18.37 0.04 0.00	17.77 0.04 0.00	19.39 0.04 0.00	18.41 0.04 0.00	18.80 0.04 0.00	20.68 0.04 0.00	20.91 0.04 0.00	20.45 0.04 0.00	20.59 0.02 0.00	21.00 0.04 0.00	21.02 0.04 0.00	21.37 0.02 0.00	22.22 0.07 0.00	21.85 0.04 0.00	27.00 0.05 0.00	27.77 0.06 0.00	28.53 0.09 0.00	29.82 0.12 0.00	28.80 0.12 0.00	21.87 0.09 0.00	21.48 0.09 0.00
JENNISON___1 23625	23.06 1.11 -1.04	22.63 1.17 -0.55	21.53 1.02 -0.45	19.81 0.82 -0.66	19.28 0.78 -0.77	20.40 0.99 -0.06	19.47 0.88 -0.22	20.06 0.88 -0.42	21.69 0.93 -0.12	22.51 0.96 -0.68	22.41 0.90 -1.10	22.97 0.93 -1.47	24.03 1.07 -2.00	24.58 1.13 -2.47	25.67 1.15 -3.17	26.47 1.31 -3.02	30.40 1.24 -7.35	34.49 1.56 -5.99	34.87 1.72 -5.44	34.15 1.88 -3.83	32.71 1.99 -1.01	31.05 1.86 -0.51	24.65 1.29 -1.58	23.65 1.31 -0.95
JENNISON___2 23626	23.06 1.11 -1.04	22.63 1.17 -0.55	21.53 1.02 -0.45	19.81 0.82 -0.66	19.28 0.78 -0.77	20.40 0.99 -0.06	19.47 0.88 -0.22	20.06 0.88 -0.42	21.69 0.93 -0.12	22.51 0.96 -0.68	22.41 0.90 -1.10	22.97 0.93 -1.47	24.03 1.07 -2.00	24.58 1.13 -2.47	25.67 1.15 -3.17	26.47 1.31 -3.02	30.40 1.24 -7.35	34.49 1.56 -5.99	34.87 1.72 -5.44	34.15 1.88 -3.83	32.71 1.99 -1.01	31.05 1.86 -0.51	24.65 1.29 -1.58	23.65 1.31 -0.95

JERICO_RISE_WT_PWR 323719	20.37 -0.54 0.00	20.39 -0.52 0.00	19.53 -0.52 0.00	17.93 -0.40 0.00	17.36 -0.37 0.00	18.91 -0.44 0.00	17.97 -0.40 0.00	18.38 -0.38 0.00	20.21 -0.43 0.00	20.35 -0.52 0.00	19.87 -0.53 0.00	20.02 -0.55 0.00	20.10 -0.86 0.00	19.95 -1.03 0.00	20.32 -1.02 0.00	20.91 -1.24 0.00	20.82 -0.98 0.00	25.97 -0.97 0.00	27.02 -0.69 0.00	27.71 -0.74 0.00	28.93 -0.77 0.00	27.62 -1.06 0.00	21.02 -0.76 0.00	20.56 -0.83 0.00
KATONAH__115KV_46KV_TB4 355592	25.86 1.51 -3.45	24.24 1.51 -1.82	22.96 1.40 -1.50	21.77 1.25 -2.19	21.44 1.15 -2.55	20.82 1.28 -0.19	20.28 1.19 -0.72	21.48 1.31 -1.40	22.54 1.51 -0.39	24.85 1.71 -2.27	25.73 1.65 -3.67	27.30 1.83 -4.89	29.56 1.95 -6.66	31.21 2.01 -8.22	34.21 2.05 -10.82	34.27 2.08 -10.04	49.56 2.07 -25.68	50.21 2.56 -20.71	48.74 2.58 -18.45	43.82 2.65 -12.73	35.57 2.50 -3.37	32.86 2.50 -1.68	28.90 1.85 -5.26	26.19 1.65 -3.15
KCE_NY_1 323755	26.65 1.23 -4.51	24.51 1.21 -2.38	23.14 1.12 -1.97	22.20 1.01 -2.87	22.08 1.01 -3.34	20.69 1.08 -0.25	20.34 1.03 -0.94	21.61 1.01 -1.84	22.33 1.18 -0.51	25.05 1.21 -2.97	26.41 1.20 -4.80	28.21 1.23 -6.40	30.97 1.30 -8.71	33.08 1.34 -10.76	36.10 1.30 -13.45	36.70 1.42 -13.13	53.70 1.44 -30.45	53.82 1.83 -25.05	52.82 1.86 -23.25	47.03 1.94 -16.65	36.31 2.20 -4.41	32.95 2.07 -2.20	30.13 1.46 -6.89	26.91 1.39 -4.12
KCE_NY_6_ESR 323823	21.34 -0.10 -0.53	21.07 -0.12 -0.28	19.94 -0.34 -0.23	18.21 -0.46 -0.34	17.74 -0.39 -0.39	18.96 -0.43 -0.03	17.88 -0.61 -0.11	18.28 -0.69 -0.22	19.73 -0.97 -0.06	20.26 -0.96 -0.35	19.99 -0.98 -0.56	20.36 -0.97 -0.75	21.50 -0.48 -1.03	21.89 -0.36 -1.27	22.16 -0.81 -1.62	23.45 -0.24 -1.55	25.18 -0.39 -3.76	29.47 -0.54 -3.06	29.61 -0.89 -2.79	29.61 -0.80 -1.96	29.48 -0.74 -0.52	28.51 -0.43 -0.26	22.22 -0.37 -0.81	22.07 0.19 -0.49
KEDC_PORT_JEFF_GT2 24210	36.62 2.49 -13.22	32.39 2.49 -8.99	29.68 2.31 -7.32	26.85 2.00 -6.52	26.59 1.95 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.37 2.41 -6.31	32.66 2.52 -9.26	38.76 2.37 -15.98	44.38 2.41 -21.41	49.62 2.53 -26.13	87.92 2.35 -64.59	150.17 2.31 -126.51	161.88 2.35 -137.38	158.94 2.38 -134.76	252.60 2.91 -222.75	157.13 2.97 -126.45	150.48 3.10 -118.94	151.62 3.03 -118.89	94.62 3.10 -62.84	48.75 2.63 -24.33	36.74 2.63 -12.71
KEDC_PORT_JEFF_GT3 24211	36.62 2.49 -13.22	32.39 2.49 -8.99	29.68 2.31 -7.32	26.85 2.00 -6.52	26.59 1.95 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.37 2.41 -6.31	32.66 2.52 -9.26	38.76 2.37 -15.98	44.38 2.41 -21.41	49.62 2.53 -26.13	87.92 2.35 -64.59	150.17 2.31 -126.51	161.88 2.35 -137.38	158.94 2.38 -134.76	252.60 2.91 -222.75	157.13 2.97 -126.45	150.48 3.10 -118.94	151.62 3.03 -118.89	94.62 3.10 -62.84	48.75 2.63 -24.33	36.74 2.63 -12.71
KEDC_GLWD_GT4 24219	35.39 1.86 -12.61	31.74 1.84 -8.99	29.12 1.74 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.83 1.88 -6.31	32.09 1.96 -9.26	37.10 1.73 -14.97	43.87 1.89 -21.41	49.14 2.05 -26.13	57.36 2.08 -34.30	45.73 2.09 -22.29	49.07 2.19 -24.73	53.77 2.20 -29.77	51.88 2.64 -22.29	49.80 2.69 -19.40	44.87 2.73 -13.69	37.34 2.64 -4.99	36.39 2.61 -5.10	37.54 2.05 -13.72	35.94 1.93 -12.62
KEDC_GLWD_GT5 24220	35.39 1.86 -12.61	31.74 1.84 -8.99	29.12 1.74 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.83 1.88 -6.31	32.09 1.96 -9.26	37.10 1.73 -14.97	43.87 1.89 -21.41	49.14 2.05 -26.13	57.36 2.08 -34.30	45.73 2.09 -22.29	49.07 2.19 -24.73	53.77 2.20 -29.77	51.88 2.64 -22.29	49.80 2.69 -19.40	44.87 2.73 -13.69	37.34 2.64 -4.99	36.39 2.61 -5.10	37.54 2.05 -13.72	35.94 1.93 -12.62
KENSICO____ 23655	25.78 1.48 -3.38	24.16 1.46 -1.78	22.91 1.38 -1.47	21.69 1.21 -2.15	21.39 1.15 -2.50	20.80 1.26 -0.19	20.25 1.18 -0.70	21.45 1.31 -1.38	22.53 1.51 -0.38	24.66 1.57 -2.22	25.49 1.49 -3.60	27.06 1.69 -4.80	29.27 1.78 -6.53	30.87 1.82 -8.07	33.84 1.88 -10.62	33.88 1.88 -9.84	48.92 1.90 -25.22	49.56 2.29 -20.33	48.11 2.30 -18.10	43.29 2.36 -12.48	35.26 2.26 -3.30	32.63 2.29 -1.65	28.71 1.76 -5.16	26.13 1.65 -3.09
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.44 1.40 -3.12	23.94 1.38 -1.65	22.72 1.30 -1.36	21.41 1.10 -1.98	21.04 0.99 -2.31	20.69 1.16 -0.18	20.07 1.05 -0.65	21.21 1.18 -1.27	22.38 1.38 -0.35	24.30 1.38 -2.06	25.01 1.29 -3.32	26.47 1.46 -4.43	28.56 1.57 -6.03	30.09 1.66 -7.45	32.74 1.71 -9.68	32.99 1.75 -9.09	46.34 1.79 -22.75	47.60 2.24 -18.43	46.61 2.33 -16.57	42.42 2.45 -11.53	35.04 2.29 -3.05	32.53 2.32 -1.53	28.29 1.74 -4.77	25.83 1.58 -2.86
KIAC_JFK_GT1 23816	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.77 1.28 -2.15	21.47 1.22 -2.51	20.88 1.34 -0.19	20.34 1.27 -0.70	21.66 1.52 -1.38	22.78 1.75 -0.38	24.94 1.84 -2.23	25.60 1.59 -3.61	27.19 1.81 -4.81	29.31 1.80 -6.55	30.93 1.87 -8.09	33.89 1.90 -10.65	33.88 1.86 -9.87	49.01 1.92 -25.29	49.65 2.32 -20.39	48.19 2.33 -18.15	43.32 2.36 -12.52	35.18 2.17 -3.31	32.63 2.29 -1.66	28.88 1.92 -5.18	26.36 1.86 -3.10
KIAC_JFK_GT2 23817	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.77 1.28 -2.15	21.47 1.22 -2.51	20.88 1.34 -0.19	20.34 1.27 -0.70	21.66 1.52 -1.38	22.78 1.75 -0.38	24.94 1.84 -2.23	25.60 1.59 -3.61	27.19 1.81 -4.81	29.31 1.80 -6.55	30.93 1.87 -8.09	33.89 1.90 -10.65	33.88 1.86 -9.87	49.01 1.92 -25.29	49.65 2.32 -20.39	48.19 2.33 -18.15	43.32 2.36 -12.52	35.18 2.17 -3.31	32.63 2.29 -1.66	28.88 1.92 -5.18	26.36 1.86 -3.10
KIAC_JFK____ 323774	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.77 1.28 -2.15	21.47 1.22 -2.51	20.88 1.33 -0.19	20.34 1.27 -0.70	21.66 1.52 -1.38	22.78 1.75 -0.38	24.96 1.86 -2.23	25.61 1.59 -3.61	27.01 1.62 -4.81	29.31 1.80 -6.55	30.87 1.80 -8.09	33.81 1.81 -10.65	33.88 1.86 -9.87	49.01 1.92 -25.29	49.65 2.32 -20.39	48.19 2.33 -18.15	43.32 2.36 -12.52	35.18 2.17 -3.31	32.58 2.24 -1.66	28.88 1.92 -5.18	26.36 1.86 -3.10
KINTIGH____ 23543	21.21 -0.15 -0.44	21.00 -0.15 -0.23	19.88 -0.36 -0.19	18.19 -0.42 -0.28	17.67 -0.39 -0.32	18.83 -0.54 -0.02	17.93 -0.53 -0.09	18.26 -0.68 -0.18	19.80 -0.89 -0.05	20.30 -0.86 -0.29	19.99 -0.88 -0.47	20.31 -0.88 -0.62	21.39 -0.42 -0.85	21.71 -0.31 -1.05	22.45 -0.23 -1.34	23.21 -0.22 -1.28	24.55 -0.37 -3.11	28.94 -0.54 -2.53	29.13 -0.89 -2.30	29.24 -0.82 -1.62	29.33 -0.80 -0.43	28.38 -0.52 -0.21	22.04 -0.41 -0.67	21.86 0.06 -0.40
KNTFSRNC_46_KV_46KV_LOAD 80397	20.62 -0.29 0.00	20.62 -0.29 0.00	19.71 -0.34 0.00	18.07 -0.26 0.00	17.52 -0.21 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.55 -0.21 0.00	20.39 -0.25 0.00	20.56 -0.31 0.00	20.06 -0.35 0.00	20.18 -0.39 0.00	20.26 -0.69 0.00	20.10 -0.88 0.00	20.34 -1.00 0.00	21.09 -1.06 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.08 -0.37 0.00	29.32 -0.39 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.75 -0.64 0.00

LACHUTE____HYDRO 323717	27.69 2.26 -4.52	25.47 2.17 -2.39	23.97 1.94 -1.97	22.94 1.74 -2.87	22.83 1.76 -3.34	21.54 1.93 -0.25	21.20 1.89 -0.94	22.46 1.86 -1.84	23.36 2.21 -0.51	26.16 2.32 -2.97	27.54 2.33 -4.81	29.31 2.32 -6.41	31.97 2.28 -8.73	34.11 2.35 -10.78	37.09 2.26 -13.48	37.74 2.44 -13.16	54.98 2.62 -30.56	55.38 3.31 -25.13	54.40 3.38 -23.31	48.65 3.53 -16.68	38.40 4.28 -4.41	34.79 3.90 -2.21	31.29 2.61 -6.90	27.94 2.42 -4.13
LAWRNCV_115KV_TB1 80681	19.97 -0.94 0.00	19.97 -0.94 0.00	19.15 -0.90 0.00	17.69 -0.64 0.00	17.06 -0.67 0.00	18.67 -0.68 0.00	17.73 -0.64 0.00	18.12 -0.64 0.00	19.80 -0.85 0.00	19.97 -0.90 0.00	19.51 -0.90 0.00	19.67 -0.91 0.00	19.82 -1.13 0.00	19.80 -1.17 0.00	20.11 -1.24 0.00	20.86 -1.28 0.00	20.65 -1.16 0.00	25.62 -1.32 0.00	26.52 -1.19 0.00	27.25 -1.19 0.00	28.43 -1.28 0.00	27.31 -1.38 0.00	20.72 -1.07 0.00	20.26 -1.13 0.00
LEDERLE____ 23769	25.58 1.44 -3.22	24.06 1.44 -1.70	22.82 1.36 -1.41	21.55 1.17 -2.05	21.24 1.12 -2.39	20.75 1.22 -0.18	20.20 1.16 -0.67	21.35 1.28 -1.31	22.51 1.51 -0.36	24.54 1.54 -2.12	25.31 1.47 -3.43	26.82 1.67 -4.58	28.95 1.76 -6.23	30.50 1.82 -7.69	33.32 1.86 -10.11	33.42 1.88 -9.39	47.70 1.90 -24.00	48.59 2.29 -19.36	47.26 2.30 -17.25	42.72 2.36 -11.91	35.11 2.26 -3.15	32.55 2.29 -1.58	28.45 1.74 -4.92	25.97 1.63 -2.95
LIGHTHSE_115KV_TB6 355974	20.84 -0.31 -0.24	20.75 -0.29 -0.12	19.82 -0.34 -0.10	18.13 -0.35 -0.15	17.61 -0.30 -0.18	19.04 -0.33 -0.01	18.11 -0.31 -0.05	18.48 -0.38 -0.10	20.23 -0.43 -0.03	20.61 -0.42 -0.16	20.23 -0.43 -0.25	20.41 -0.49 -0.34	20.97 -0.44 -0.46	21.12 -0.42 -0.56	21.67 -0.41 -0.72	22.46 -0.38 -0.69	23.11 -0.37 -1.68	27.91 -0.40 -1.37	28.62 -0.33 -1.24	29.01 -0.31 -0.87	29.61 -0.33 -0.23	28.45 -0.34 -0.12	21.82 -0.33 -0.36	21.31 -0.30 -0.22
LINDEN COGEN____ 23786	25.85 1.55 -3.39	24.21 1.51 -1.79	22.96 1.42 -1.48	21.69 1.21 -2.15	21.39 1.15 -2.51	20.80 1.26 -0.19	20.25 1.18 -0.70	21.51 1.37 -1.38	22.59 1.57 -0.38	24.77 1.67 -2.23	25.56 1.55 -3.61	27.09 1.71 -4.81	29.39 1.89 -6.55	30.95 1.89 -8.09	33.89 1.90 -10.65	33.95 1.93 -9.87	49.04 1.94 -25.29	49.67 2.34 -20.39	48.19 2.33 -18.15	43.32 2.36 -12.52	35.27 2.26 -3.31	32.69 2.35 -1.66	28.81 1.85 -5.18	26.19 1.69 -3.10
LINDHRST_69_KV_BK1 356055	35.98 2.41 -12.66	32.29 2.38 -8.99	29.62 2.25 -7.32	26.81 1.96 -6.52	26.52 1.88 -6.90	26.63 2.03 -5.25	26.44 1.91 -6.16	27.16 2.06 -6.34	29.30 2.35 -6.31	32.57 2.44 -9.26	37.74 2.29 -15.05	44.40 2.43 -21.41	49.60 2.51 -26.13	60.31 2.56 -36.78	53.87 2.58 -29.94	57.76 2.61 -32.99	61.91 2.64 -37.47	68.25 3.23 -38.07	59.51 3.30 -28.50	54.15 3.41 -22.29	47.36 3.36 -14.30	41.95 3.44 -9.82	40.64 2.72 -16.14	36.63 2.61 -12.63
LIPA_MISC_IPP 23656	36.63 2.59 -13.12	32.52 2.61 -8.99	29.80 2.43 -7.32	26.94 2.09 -6.52	26.66 2.02 -6.90	26.79 2.19 -5.25	26.57 2.04 -6.16	27.31 2.21 -6.34	29.47 2.52 -6.31	32.76 2.63 -9.26	38.68 2.45 -15.83	44.59 2.61 -21.41	49.72 2.64 -26.13	83.57 2.73 -59.86	134.50 2.71 -110.44	144.88 2.72 -120.00	143.14 2.77 -118.56	221.95 3.42 -191.59	192.03 3.49 -160.82	134.56 3.61 -102.50	134.34 3.53 -101.10	86.10 3.59 -53.83	48.03 2.83 -23.41	36.86 2.76 -12.70
LISF____SOLAR 323691	36.70 2.66 -13.13	32.58 2.68 -8.99	29.86 2.49 -7.32	27.00 2.14 -6.52	26.68 2.04 -6.90	26.84 2.24 -5.25	26.61 2.08 -6.16	27.37 2.27 -6.34	29.51 2.56 -6.31	32.81 2.67 -9.26	38.73 2.49 -15.84	44.57 2.59 -21.41	49.81 2.72 -26.13	83.86 2.71 -60.17	135.50 2.69 -111.46	146.07 2.81 -121.11	144.23 2.83 -119.59	224.05 3.50 -193.61	217.11 3.58 -185.82	135.72 3.70 -103.58	135.63 3.65 -102.27	86.75 3.64 -54.42	48.20 2.90 -23.52	36.90 2.80 -12.70
LITTLE FALLS____HYD 24013	20.85 -0.06 0.00	20.87 -0.04 0.00	20.01 -0.04 0.00	18.26 -0.07 0.00	17.58 -0.16 0.00	19.27 -0.08 0.00	18.24 -0.13 0.00	18.55 -0.21 0.00	20.41 -0.23 0.00	20.64 -0.23 0.00	20.14 -0.27 0.00	20.28 -0.29 0.00	20.64 -0.31 0.00	20.64 -0.34 0.00	20.96 -0.38 0.00	21.75 -0.40 0.00	21.39 -0.41 0.00	26.46 -0.48 0.00	27.30 -0.42 0.00	28.10 -0.34 0.00	29.50 -0.21 0.00	28.48 -0.20 0.00	21.63 -0.15 0.00	21.27 -0.13 0.00
LITTLRIV_115KV_TB1 356100	20.16 -0.75 0.00	20.18 -0.73 0.00	19.35 -0.70 0.00	17.83 -0.49 0.00	17.19 -0.55 0.00	18.87 -0.48 0.00	17.89 -0.48 0.00	18.29 -0.47 0.00	19.98 -0.66 0.00	20.16 -0.71 0.00	19.69 -0.71 0.00	19.85 -0.72 0.00	20.01 -0.94 0.00	19.99 -0.99 0.00	20.28 -1.07 0.00	21.06 -1.09 0.00	20.84 -0.96 0.00	25.89 -1.05 0.00	26.83 -0.89 0.00	27.59 -0.85 0.00	28.81 -0.89 0.00	27.62 -1.06 0.00	20.93 -0.85 0.00	20.45 -0.94 0.00
LI_NEWBRDGE____DRP 323616	35.36 1.84 -12.61	31.72 1.82 -8.99	29.10 1.72 -7.32	26.37 1.52 -6.52	26.09 1.45 -6.90	26.17 1.57 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.81 1.86 -6.31	32.05 1.92 -9.26	37.13 1.78 -14.95	43.93 1.95 -21.41	49.12 2.03 -26.13	57.00 2.08 -33.94	45.73 2.09 -22.29	48.98 2.10 -24.73	53.69 2.11 -29.77	50.31 2.59 -20.78	48.50 2.63 -18.15	43.63 2.73 -12.46	35.95 2.58 -3.66	35.78 2.67 -4.42	37.63 2.13 -13.71	36.05 2.03 -12.62
LOCKPORT_115KV_TB60_63_64 80432	21.16 -0.23 -0.48	20.91 -0.25 -0.25	19.78 -0.48 -0.21	18.06 -0.57 -0.30	17.57 -0.51 -0.35	18.74 -0.64 -0.03	17.75 -0.72 -0.10	18.11 -0.84 -0.19	19.52 -1.18 -0.05	20.04 -1.15 -0.31	19.75 -1.16 -0.51	20.08 -1.17 -0.68	21.27 -0.61 -0.92	21.59 -0.52 -1.14	22.36 -0.45 -1.46	23.12 -0.42 -1.39	24.62 -0.57 -3.38	28.92 -0.78 -2.76	29.03 -1.19 -2.51	29.10 -1.11 -1.76	29.13 -1.04 -0.47	28.20 -0.72 -0.23	21.94 -0.57 -0.73	21.85 0.02 -0.44
LOCKPORT____CC1 323769	21.16 -0.23 -0.48	20.92 -0.25 -0.25	19.78 -0.48 -0.21	18.08 -0.55 -0.31	17.58 -0.51 -0.36	18.74 -0.64 -0.03	17.77 -0.70 -0.10	18.11 -0.84 -0.20	19.54 -1.16 -0.05	20.06 -1.13 -0.32	19.75 -1.16 -0.51	20.10 -1.15 -0.68	21.26 -0.63 -0.93	21.62 -0.50 -1.15	21.81 -1.00 -1.47	23.13 -0.42 -1.40	24.63 -0.59 -3.41	28.94 -0.78 -2.78	29.10 -1.14 -2.52	29.14 -1.08 -1.78	29.13 -1.04 -0.47	28.23 -0.69 -0.23	21.95 -0.57 -0.73	21.88 0.04 -0.44
LOCKPORT____CC2 323770	21.16 -0.23 -0.48	20.92 -0.25 -0.25	19.78 -0.48 -0.21	18.08 -0.55 -0.31	17.58 -0.51 -0.36	18.74 -0.64 -0.03	17.77 -0.70 -0.10	18.11 -0.84 -0.20	19.54 -1.16 -0.05	20.06 -1.13 -0.32	19.75 -1.16 -0.51	20.10 -1.15 -0.68	21.26 -0.63 -0.93	21.62 -0.50 -1.15	21.81 -1.00 -1.47	23.13 -0.42 -1.40	24.63 -0.59 -3.41	28.94 -0.78 -2.78	29.10 -1.14 -2.52	29.14 -1.08 -1.78	29.13 -1.04 -0.47	28.23 -0.69 -0.23	21.95 -0.57 -0.73	21.88 0.04 -0.44
LOCKPORT____CC3 323771	21.16 -0.23 -0.48	20.92 -0.25 -0.25	19.78 -0.48 -0.21	18.08 -0.55 -0.31	17.58 -0.51 -0.36	18.74 -0.64 -0.03	17.77 -0.70 -0.10	18.11 -0.84 -0.20	19.54 -1.16 -0.05	20.06 -1.13 -0.32	19.75 -1.16 -0.51	20.10 -1.15 -0.68	21.26 -0.63 -0.93	21.62 -0.50 -1.15	21.81 -1.00 -1.47	23.13 -0.42 -1.40	24.63 -0.59 -3.41	28.94 -0.78 -2.78	29.10 -1.14 -2.52	29.14 -1.08 -1.78	29.13 -1.04 -0.47	28.23 -0.69 -0.23	21.95 -0.57 -0.73	21.88 0.04 -0.44

LONG_LAKE_PHOENIX 24014	20.95 -0.23 -0.27	20.82 -0.23 -0.14	19.89 -0.28 -0.12	18.22 -0.27 -0.17	17.67 -0.27 -0.20	19.08 -0.29 -0.01	18.17 -0.26 -0.06	18.57 -0.30 -0.11	20.34 -0.33 -0.03	20.75 -0.29 -0.17	20.40 -0.29 -0.28	20.60 -0.35 -0.38	21.20 -0.27 -0.51	21.36 -0.25 -0.63	21.95 -0.21 -0.81	22.70 -0.22 -0.77	23.45 -0.24 -1.88	28.15 -0.32 -1.53	28.78 -0.33 -1.40	29.03 -0.40 -0.98	29.58 -0.39 -0.26	28.44 -0.37 -0.13	21.88 -0.30 -0.41	21.36 -0.28 -0.24
LOVETT___3 23632	25.47 1.32 -3.24	23.94 1.32 -1.71	22.71 1.24 -1.41	21.47 1.08 -2.06	21.16 1.03 -2.40	20.66 1.12 -0.18	20.11 1.07 -0.67	21.26 1.18 -1.32	22.39 1.38 -0.37	24.40 1.40 -2.13	25.20 1.35 -3.45	26.69 1.52 -4.60	28.81 1.59 -6.26	30.37 1.66 -7.73	33.20 1.69 -10.17	33.29 1.71 -9.44	47.63 1.70 -24.13	48.45 2.05 -19.46	47.10 2.05 -17.34	42.52 2.10 -11.97	34.89 2.02 -3.17	32.33 2.07 -1.58	28.32 1.59 -4.95	25.84 1.48 -2.96
LOVETT___4 23642	25.47 1.32 -3.24	23.94 1.32 -1.71	22.71 1.24 -1.41	21.47 1.08 -2.06	21.16 1.03 -2.40	20.66 1.12 -0.18	20.11 1.07 -0.67	21.26 1.18 -1.32	22.39 1.38 -0.37	24.40 1.40 -2.13	25.20 1.35 -3.45	26.69 1.52 -4.60	28.81 1.59 -6.26	30.37 1.66 -7.73	33.20 1.69 -10.17	33.29 1.71 -9.44	47.63 1.70 -24.13	48.45 2.05 -19.46	47.10 2.05 -17.34	42.52 2.10 -11.97	34.89 2.02 -3.17	32.33 2.07 -1.58	28.32 1.59 -4.95	25.84 1.48 -2.96
LOVETT___5 23593	25.47 1.32 -3.24	23.94 1.32 -1.71	22.71 1.24 -1.41	21.47 1.08 -2.06	21.16 1.03 -2.40	20.66 1.12 -0.18	20.11 1.07 -0.67	21.26 1.18 -1.32	22.39 1.38 -0.37	24.40 1.40 -2.13	25.20 1.35 -3.45	26.69 1.52 -4.60	28.81 1.59 -6.26	30.37 1.66 -7.73	33.20 1.69 -10.17	33.29 1.71 -9.44	47.63 1.70 -24.13	48.45 2.05 -19.46	47.10 2.05 -17.34	42.52 2.10 -11.97	34.89 2.02 -3.17	32.33 2.07 -1.58	28.32 1.59 -4.95	25.84 1.48 -2.96
LOWER_RAQUET___HYD 24057	19.80 -1.11 0.00	19.82 -1.09 0.00	19.01 -1.04 0.00	17.54 -0.79 0.00	16.94 -0.80 0.00	18.54 -0.81 0.00	17.60 -0.77 0.00	17.99 -0.77 0.00	19.65 -0.99 0.00	19.83 -1.04 0.00	19.36 -1.04 0.00	19.52 -1.05 0.00	19.68 -1.28 0.00	19.63 -1.34 0.00	20.09 -1.26 0.00	20.69 -1.46 0.00	20.50 -1.31 0.00	25.46 -1.48 0.00	26.35 -1.36 0.00	27.08 -1.36 0.00	28.25 -1.45 0.00	27.11 -1.58 0.00	20.56 -1.22 0.00	20.11 -1.28 0.00
LOWER___HUDSON 24059	26.27 0.94 -4.42	24.19 0.94 -2.33	22.86 0.88 -1.93	21.94 0.81 -2.81	21.80 0.80 -3.27	20.47 0.87 -0.25	20.12 0.83 -0.92	21.35 0.79 -1.80	22.07 0.93 -0.50	24.72 0.94 -2.91	26.05 0.94 -4.70	27.83 0.99 -6.27	30.54 1.05 -8.54	32.59 1.07 -10.54	35.45 1.02 -13.08	36.17 1.15 -12.87	52.34 1.11 -29.43	52.62 1.40 -24.27	51.79 1.41 -22.66	46.23 1.48 -16.31	35.62 1.60 -4.32	32.39 1.55 -2.16	29.66 1.13 -6.75	26.55 1.11 -4.04
LOWVILLE_115KV_TB2 356335	20.87 -0.17 -0.12	20.85 -0.13 -0.06	19.95 -0.16 -0.05	18.24 -0.16 -0.08	17.66 -0.16 -0.09	19.26 -0.10 -0.01	18.27 -0.13 -0.02	18.64 -0.17 -0.05	20.41 -0.25 -0.01	20.68 -0.27 -0.08	20.06 -0.47 -0.13	20.25 -0.49 -0.17	20.64 -0.54 -0.23	20.70 -0.57 -0.29	21.14 -0.58 -0.37	21.99 -0.51 -0.35	22.22 -0.44 -0.85	27.45 -0.19 -0.69	28.34 0.00 -0.63	29.03 0.14 -0.44	29.97 0.15 -0.12	28.80 0.06 -0.06	21.90 -0.07 -0.18	21.40 -0.11 -0.11
LUTHERFT_115KV_GLOB_FND_222 355753	26.63 1.21 -4.51	24.51 1.21 -2.38	23.12 1.10 -1.97	22.18 0.99 -2.87	22.08 1.01 -3.34	20.69 1.08 -0.25	20.34 1.03 -0.94	21.59 0.99 -1.84	22.33 1.18 -0.51	25.03 1.19 -2.97	26.39 1.18 -4.80	28.21 1.23 -6.40	30.97 1.30 -8.71	33.04 1.30 -10.76	36.12 1.32 -13.45	36.68 1.40 -13.13	53.70 1.44 -30.45	53.80 1.81 -25.05	52.82 1.86 -23.25	47.03 1.93 -16.65	36.28 2.17 -4.41	32.89 2.01 -2.20	30.11 1.44 -6.89	26.89 1.37 -4.12
LUTHERNY_35_KV_BK2 355980	26.66 1.23 -4.51	24.51 1.21 -2.38	23.14 1.12 -1.97	22.20 1.01 -2.87	22.08 1.01 -3.34	20.69 1.08 -0.25	20.34 1.03 -0.94	21.61 1.01 -1.84	22.33 1.18 -0.51	25.05 1.21 -2.97	26.41 1.20 -4.80	28.23 1.25 -6.40	30.97 1.30 -8.71	33.06 1.32 -10.76	36.14 1.34 -13.45	36.70 1.42 -13.13	53.72 1.46 -30.45	53.82 1.83 -25.05	52.82 1.86 -23.25	47.03 1.93 -16.65	36.31 2.20 -4.41	32.89 2.01 -2.20	30.13 1.46 -6.89	26.91 1.39 -4.12
LWR___OSWEGATCHIE_HYD 23850	20.10 -0.90 -0.09	20.10 -0.86 -0.05	19.23 -0.86 -0.04	17.67 -0.71 -0.06	17.13 -0.67 -0.07	18.66 -0.70 0.00	17.69 -0.70 -0.02	18.08 -0.71 -0.04	19.74 -0.91 -0.01	19.99 -0.94 -0.06	19.50 -1.00 -0.09	19.67 -1.03 -0.13	19.95 -1.17 -0.17	19.97 -1.22 -0.21	20.36 -1.26 -0.27	21.17 -1.24 -0.26	21.30 -1.13 -0.63	26.27 -1.19 -0.51	27.15 -1.03 -0.46	27.80 -0.97 -0.33	28.78 -1.01 -0.09	27.61 -1.12 -0.04	21.00 -0.91 -0.13	20.51 -0.96 -0.08
LYONS_FALL_HYD 23570	21.07 0.04 -0.11	21.06 0.08 -0.06	20.14 0.04 -0.05	18.42 0.02 -0.07	17.82 0.00 -0.08	19.44 0.08 -0.01	18.43 0.04 -0.02	18.82 0.02 -0.05	20.63 -0.02 -0.01	20.95 0.00 -0.07	20.40 -0.12 -0.12	20.59 -0.14 -0.16	21.01 -0.17 -0.22	21.08 -0.17 -0.27	21.48 -0.21 -0.35	22.37 -0.11 -0.33	22.52 -0.09 -0.81	27.71 0.11 -0.66	28.56 0.25 -0.60	29.23 0.37 -0.42	30.23 0.42 -0.11	29.03 0.29 -0.06	22.09 0.13 -0.17	21.63 0.13 -0.10
MADISON___COUNTY_LFGE 323628	21.54 0.44 -0.19	21.47 0.46 -0.10	20.54 0.40 -0.08	18.76 0.31 -0.12	18.14 0.27 -0.14	19.75 0.39 -0.01	18.74 0.33 -0.04	19.16 0.32 -0.08	20.99 0.33 -0.02	21.35 0.35 -0.13	20.93 0.33 -0.20	21.15 0.31 -0.27	21.70 0.38 -0.37	21.85 0.42 -0.46	22.36 0.43 -0.58	23.22 0.51 -0.56	23.64 0.48 -1.36	28.67 0.62 -1.10	29.44 0.72 -1.00	29.95 0.80 -0.71	30.75 0.86 -0.19	29.55 0.77 -0.09	22.60 0.52 -0.29	22.11 0.53 -0.17
MALONE___115KV_TB1 356076	20.39 -0.52 0.00	20.41 -0.50 0.00	19.51 -0.54 0.00	17.93 -0.40 0.00	17.35 -0.39 0.00	18.93 -0.43 0.00	17.99 -0.39 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.92 -0.49 0.00	20.04 -0.53 0.00	20.14 -0.82 0.00	19.99 -0.99 0.00	20.26 -1.09 0.00	21.00 -1.15 0.00	20.93 -0.87 0.00	26.08 -0.86 0.00	27.10 -0.61 0.00	27.82 -0.63 0.00	29.05 -0.65 0.00	27.74 -0.95 0.00	21.06 -0.72 0.00	20.56 -0.83 0.00
MAPLEWOD_115KV_TB3 80458	26.16 0.86 -4.39	24.09 0.86 -2.32	22.77 0.80 -1.91	21.85 0.73 -2.79	21.71 0.73 -3.25	20.37 0.77 -0.25	20.04 0.75 -0.91	21.26 0.71 -1.79	21.98 0.85 -0.49	24.62 0.86 -2.89	25.95 0.88 -4.67	27.77 0.97 -6.23	30.44 1.01 -8.48	32.48 1.03 -10.47	35.48 1.05 -13.08	36.04 1.11 -12.78	52.50 1.07 -29.63	52.66 1.35 -24.37	51.69 1.36 -22.62	46.04 1.39 -16.20	35.51 1.51 -4.29	32.26 1.43 -2.14	29.55 1.07 -6.70	26.41 1.01 -4.01
MAPLE_RIDGE_WT_1 323574	20.33 -0.59 0.00	20.41 -0.50 0.00	19.61 -0.44 0.00	17.98 -0.35 0.00	17.45 -0.28 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.50 -0.26 0.00	20.35 -0.29 0.00	20.54 -0.33 0.00	19.98 -0.43 0.00	19.97 -0.60 0.00	20.22 -0.73 0.00	20.14 -0.84 0.00	20.45 -0.90 0.00	21.26 -0.89 0.00	21.00 -0.81 0.00	26.05 -0.89 0.00	26.97 -0.75 0.00	27.82 -0.63 0.00	29.11 -0.59 0.00	28.14 -0.55 0.00	21.43 -0.35 0.00	21.14 -0.26 0.00

MAPLE_RIDGE_WT_2 323611	20.33 -0.59 0.00	20.41 -0.50 0.00	19.61 -0.44 0.00	17.98 -0.35 0.00	17.45 -0.28 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.50 -0.26 0.00	20.35 -0.29 0.00	20.54 -0.33 0.00	19.98 -0.43 0.00	19.97 -0.60 0.00	20.22 -0.73 0.00	20.14 -0.84 0.00	20.45 -0.90 0.00	21.26 -0.89 0.00	21.00 -0.81 0.00	26.05 -0.89 0.00	26.97 -0.75 0.00	27.82 -0.63 0.00	29.11 -0.59 0.00	28.14 -0.55 0.00	21.43 -0.35 0.00	21.14 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	20.43 -0.48 0.00	20.43 -0.48 0.00	19.57 -0.48 0.00	17.96 -0.37 0.00	17.40 -0.34 0.00	18.94 -0.41 0.00	18.00 -0.37 0.00	18.44 -0.32 0.00	20.25 -0.39 0.00	20.41 -0.46 0.00	19.91 -0.49 0.00	20.06 -0.51 0.00	20.14 -0.82 0.00	19.97 -1.01 0.00	20.34 -1.00 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.08 -0.64 0.00	27.76 -0.68 0.00	28.99 -0.71 0.00	27.68 -1.00 0.00	21.04 -0.74 0.00	20.58 -0.81 0.00
MARSHVLE_115KV_TB1 80742	28.15 1.80 -5.44	25.60 1.82 -2.87	24.09 1.66 -2.37	23.23 1.45 -3.46	23.29 1.53 -4.03	21.26 1.61 -0.31	21.01 1.51 -1.13	22.36 1.39 -2.22	22.76 1.51 -0.61	26.00 1.54 -3.58	27.71 1.51 -5.79	29.86 1.56 -7.72	33.12 1.66 -10.51	35.66 1.70 -12.98	39.53 1.75 -16.43	39.86 1.86 -15.85	61.37 1.90 -37.67	60.27 2.51 -30.82	58.71 2.69 -28.31	51.41 2.87 -20.09	38.17 3.15 -5.31	34.38 3.04 -2.66	32.25 2.16 -8.31	28.40 2.03 -4.98
MARSH_HILL_WT_PWR 323713	21.75 0.19 -0.65	21.44 0.19 -0.34	20.34 0.00 -0.28	18.63 -0.11 -0.41	18.15 -0.07 -0.48	19.35 -0.04 -0.04	18.40 -0.11 -0.14	18.82 -0.21 -0.26	20.34 -0.37 -0.07	20.92 -0.38 -0.43	20.67 -0.43 -0.69	21.06 -0.43 -0.92	22.11 -0.10 -1.26	22.51 -0.02 -1.55	23.01 -0.32 -1.99	24.18 0.13 -1.89	26.48 0.07 -4.61	30.86 0.16 -3.75	31.29 0.17 -3.41	31.10 0.26 -2.40	30.72 0.39 -0.63	29.54 0.54 -0.32	23.10 0.33 -0.99	22.63 0.64 -0.59
MCINTYRE_115KV_TB2 80467	20.41 -0.50 0.00	20.45 -0.46 0.00	19.59 -0.46 0.00	18.07 -0.26 0.00	17.40 -0.34 0.00	19.12 -0.23 0.00	18.11 -0.26 0.00	18.50 -0.26 0.00	20.19 -0.45 0.00	20.37 -0.50 0.00	19.92 -0.49 0.00	20.08 -0.49 0.00	20.24 -0.71 0.00	20.22 -0.76 0.00	20.54 -0.81 0.00	21.33 -0.82 0.00	21.11 -0.70 0.00	26.19 -0.75 0.00	27.16 -0.55 0.00	27.96 -0.48 0.00	29.17 -0.53 0.00	27.97 -0.72 0.00	21.22 -0.57 0.00	20.73 -0.66 0.00
MECO____69_KV_BK1 80468	28.64 2.57 -5.15	26.19 2.55 -2.72	24.61 2.31 -2.25	23.62 2.02 -3.28	23.38 1.83 -3.81	21.87 2.23 -0.29	21.57 2.13 -1.07	22.87 2.01 -2.10	23.39 2.17 -0.58	26.44 2.17 -3.39	28.06 2.16 -5.49	30.09 2.20 -7.32	33.20 2.28 -9.96	35.63 2.35 -12.30	39.32 2.43 -15.54	39.73 2.57 -15.02	60.06 2.70 -35.56	59.75 3.69 -29.12	58.49 3.99 -26.79	51.72 4.24 -19.04	39.43 4.69 -5.04	35.53 4.33 -2.52	32.68 3.03 -7.87	28.93 2.82 -4.72
MENANDS__115KV_TB5 355628	26.02 0.73 -4.38	23.96 0.73 -2.31	22.64 0.68 -1.91	21.75 0.64 -2.78	21.61 0.64 -3.24	20.28 0.68 -0.25	19.94 0.66 -0.91	21.16 0.62 -1.78	21.86 0.72 -0.49	24.50 0.75 -2.88	25.82 0.75 -4.66	27.63 0.84 -6.22	30.32 0.90 -8.46	32.33 0.90 -10.45	35.32 0.92 -13.05	35.87 0.97 -12.75	52.30 0.94 -29.56	52.41 1.16 -24.31	51.45 1.16 -22.57	45.80 1.19 -16.16	35.29 1.31 -4.28	32.06 1.23 -2.14	29.38 0.91 -6.69	26.28 0.88 -4.00
MG INDUSTRY__DRP 24185	26.01 0.84 -4.26	24.00 0.84 -2.25	22.70 0.78 -1.86	21.75 0.71 -2.71	21.60 0.71 -3.16	20.37 0.77 -0.24	19.99 0.73 -0.89	21.21 0.71 -1.74	21.93 0.81 -0.48	24.49 0.81 -2.81	25.78 0.84 -4.54	27.53 0.91 -6.05	30.16 0.96 -8.24	32.12 0.96 -10.18	35.17 0.98 -12.84	35.59 1.02 -12.42	52.13 0.98 -29.34	52.20 1.21 -24.04	51.07 1.22 -22.14	45.47 1.28 -15.75	35.27 1.40 -4.17	32.09 1.32 -2.08	29.28 0.98 -6.51	26.24 0.94 -3.90
MID__OSWEGATCHIE_HYD 23849	20.10 -0.90 -0.09	20.10 -0.86 -0.05	19.23 -0.86 -0.04	17.67 -0.71 -0.06	17.13 -0.67 -0.07	18.66 -0.70 0.00	17.69 -0.70 -0.02	18.08 -0.71 -0.04	19.74 -0.91 -0.01	19.99 -0.94 -0.06	19.50 -1.00 -0.09	19.67 -1.03 -0.13	19.95 -1.17 -0.17	19.97 -1.22 -0.21	20.36 -1.26 -0.27	21.17 -1.24 -0.26	21.30 -1.13 -0.63	26.27 -1.19 -0.51	27.15 -1.03 -0.46	27.80 -0.97 -0.33	28.78 -1.01 -0.09	27.61 -1.12 -0.04	21.00 -0.91 -0.13	20.51 -0.96 -0.08
MID__RAQUETTE_HYD 23851	19.80 -1.11 0.00	19.83 -1.09 0.00	19.01 -1.04 0.00	17.54 -0.79 0.00	16.94 -0.80 0.00	18.54 -0.81 0.00	17.60 -0.77 0.00	17.99 -0.77 0.00	19.65 -0.99 0.00	19.83 -1.04 0.00	19.36 -1.04 0.00	19.50 -1.07 0.00	19.68 -1.28 0.00	19.63 -1.34 0.00	19.92 -1.43 0.00	20.69 -1.46 0.00	20.50 -1.31 0.00	25.43 -1.51 0.00	26.35 -1.36 0.00	27.08 -1.37 0.00	28.25 -1.46 0.00	27.11 -1.58 0.00	20.56 -1.22 0.00	20.11 -1.28 0.00
MILLIKEN__1 23584	22.05 0.50 -0.63	21.77 0.52 -0.33	20.73 0.40 -0.28	19.04 0.31 -0.40	18.50 0.30 -0.47	19.76 0.37 -0.04	18.85 0.35 -0.13	19.34 0.32 -0.26	21.02 0.31 -0.07	21.64 0.35 -0.42	21.40 0.33 -0.67	21.76 0.29 -0.90	22.60 0.42 -1.22	22.94 0.46 -1.51	23.81 0.53 -1.93	24.56 0.58 -1.84	26.85 0.57 -4.48	31.32 0.73 -3.65	31.83 0.80 -3.31	31.57 0.80 -2.33	31.21 0.89 -0.62	29.85 0.86 -0.31	23.31 0.57 -0.96	22.57 0.60 -0.58
MILLIKEN__2 23585	22.05 0.50 -0.63	21.77 0.52 -0.33	20.73 0.40 -0.28	19.04 0.31 -0.40	18.50 0.30 -0.47	19.76 0.37 -0.04	18.85 0.35 -0.13	19.34 0.32 -0.26	21.02 0.31 -0.07	21.64 0.35 -0.42	21.40 0.33 -0.67	21.76 0.29 -0.90	22.60 0.42 -1.22	22.94 0.46 -1.51	23.81 0.53 -1.93	24.56 0.58 -1.84	26.85 0.57 -4.48	31.32 0.73 -3.65	31.83 0.80 -3.31	31.57 0.80 -2.33	31.21 0.89 -0.62	29.85 0.86 -0.31	23.31 0.57 -0.96	22.57 0.60 -0.58
MILLIKEN__DIESEL 23629	22.05 0.50 -0.63	21.77 0.52 -0.33	20.73 0.40 -0.28	19.04 0.31 -0.40	18.50 0.30 -0.47	19.76 0.37 -0.04	18.85 0.35 -0.13	19.34 0.32 -0.26	21.02 0.31 -0.07	21.64 0.35 -0.42	21.40 0.33 -0.67	21.76 0.29 -0.90	22.60 0.42 -1.22	22.94 0.46 -1.51	23.81 0.53 -1.93	24.56 0.58 -1.84	26.85 0.57 -4.48	31.32 0.73 -3.65	31.83 0.80 -3.31	31.57 0.80 -2.33	31.21 0.89 -0.62	29.85 0.86 -0.31	23.31 0.57 -0.96	22.57 0.60 -0.58
MILLSEAT__LFGE 323607	21.48 0.11 -0.46	21.24 0.08 -0.24	20.05 -0.20 -0.20	18.33 -0.29 -0.29	17.83 -0.25 -0.34	19.05 -0.33 -0.03	18.06 -0.40 -0.10	18.39 -0.56 -0.19	19.89 -0.81 -0.05	20.43 -0.75 -0.30	20.10 -0.80 -0.49	20.45 -0.78 -0.66	21.58 -0.27 -0.89	21.94 -0.15 -1.10	22.19 -0.58 -1.42	23.45 -0.04 -1.35	24.94 -0.15 -3.28	29.40 -0.22 -2.67	29.65 -0.50 -2.43	29.73 -0.43 -1.71	29.80 -0.36 -0.45	28.79 -0.11 -0.23	22.36 -0.13 -0.71	22.20 0.39 -0.42
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.70 1.42 -3.36	24.09 1.40 -1.78	22.84 1.32 -1.47	21.62 1.15 -2.14	21.34 1.12 -2.49	20.74 1.20 -0.19	20.21 1.14 -0.70	21.39 1.26 -1.37	22.47 1.44 -0.38	24.61 1.52 -2.21	25.43 1.45 -3.58	26.97 1.63 -4.77	29.17 1.72 -6.50	30.76 1.76 -8.02	33.72 1.81 -10.56	33.76 1.82 -9.79	48.72 1.83 -25.09	49.38 2.21 -20.23	47.94 2.22 -18.01	43.14 2.28 -12.42	35.16 2.17 -3.29	32.53 2.21 -1.64	28.62 1.70 -5.14	26.05 1.58 -3.08

MILLWOOD_13_KV_LOAD 356217	25.74 1.46 -3.36	24.15 1.46 -1.78	22.90 1.38 -1.47	21.68 1.21 -2.14	21.36 1.14 -2.49	20.78 1.24 -0.19	20.23 1.16 -0.70	21.42 1.29 -1.37	22.51 1.49 -0.38	24.69 1.61 -2.21	25.51 1.53 -3.58	27.05 1.71 -4.77	29.28 1.82 -6.50	30.87 1.87 -8.02	33.83 1.92 -10.56	33.89 1.95 -9.79	48.83 1.94 -25.09	49.54 2.37 -20.23	48.10 2.38 -18.01	43.31 2.45 -12.42	35.31 2.32 -3.29	32.68 2.35 -1.64	28.70 1.79 -5.14	26.10 1.63 -3.08
MODEL_CITY_ENERGY 24167	20.96 -0.44 -0.49	20.71 -0.46 -0.26	19.58 -0.68 -0.21	17.90 -0.73 -0.31	17.40 -0.69 -0.36	18.55 -0.83 -0.03	17.59 -0.88 -0.10	17.93 -1.03 -0.20	19.33 -1.36 -0.05	19.86 -1.34 -0.32	19.56 -1.37 -0.52	19.90 -1.36 -0.69	21.06 -0.84 -0.94	21.42 -0.71 -1.16	21.60 -1.24 -1.49	22.88 -0.69 -1.42	24.42 -0.83 -3.45	28.64 -1.11 -2.81	28.79 -1.47 -2.55	28.82 -1.42 -1.79	28.81 -1.37 -0.47	27.92 -1.00 -0.24	21.72 -0.81 -0.74	21.65 -0.19 -0.44
MODERN_LFGE_ 323580	20.96 -0.44 -0.49	20.71 -0.46 -0.26	19.58 -0.68 -0.21	17.90 -0.73 -0.31	17.40 -0.69 -0.36	18.55 -0.83 -0.03	17.59 -0.88 -0.10	17.93 -1.03 -0.20	19.33 -1.36 -0.05	19.86 -1.34 -0.32	19.56 -1.37 -0.52	19.90 -1.36 -0.69	21.06 -0.84 -0.94	21.42 -0.71 -1.16	21.60 -1.24 -1.49	22.88 -0.69 -1.42	24.42 -0.83 -3.45	28.64 -1.11 -2.81	28.79 -1.47 -2.55	28.82 -1.42 -1.79	28.81 -1.37 -0.47	27.92 -1.00 -0.24	21.72 -0.81 -0.74	21.65 -0.19 -0.44
MOHAWK_PAPER___DRP 24187	26.16 0.86 -4.39	24.09 0.86 -2.32	22.77 0.80 -1.91	21.85 0.73 -2.79	21.71 0.73 -3.25	20.37 0.77 -0.25	20.04 0.75 -0.91	21.26 0.71 -1.79	21.98 0.85 -0.49	24.62 0.86 -2.89	25.95 0.88 -4.67	27.77 0.97 -6.23	30.44 1.01 -8.48	32.48 1.03 -10.47	35.48 1.05 -13.08	36.04 1.11 -12.78	52.50 1.07 -29.63	52.66 1.35 -24.37	51.69 1.36 -22.62	46.04 1.39 -16.20	35.51 1.51 -4.29	32.26 1.43 -2.14	29.55 1.07 -6.70	26.41 1.01 -4.01
MOHICAN__35_KV_115KV_LD 80490	26.64 1.21 -4.51	24.49 1.19 -2.38	23.09 1.06 -1.97	22.15 0.95 -2.87	22.07 0.99 -3.34	20.65 1.05 -0.25	20.32 1.01 -0.94	21.57 0.98 -1.84	22.33 1.18 -0.51	25.05 1.21 -2.97	26.35 1.14 -4.81	28.13 1.15 -6.41	30.85 1.17 -8.72	32.94 1.20 -10.77	36.03 1.22 -13.47	36.58 1.28 -13.15	53.76 1.44 -30.52	53.87 1.83 -25.09	52.88 1.88 -23.29	47.10 1.99 -16.67	36.49 2.38 -4.41	33.01 2.12 -2.21	30.16 1.48 -6.89	26.87 1.35 -4.13
MONGAUP___HYD 23641	25.11 1.19 -3.01	23.65 1.15 -1.59	22.47 1.10 -1.31	21.17 0.93 -1.91	20.81 0.85 -2.22	20.51 0.99 -0.17	19.93 0.94 -0.63	20.96 0.97 -1.22	22.12 1.13 -0.34	23.96 1.11 -1.98	24.62 1.02 -3.20	25.95 1.11 -4.27	28.02 1.26 -5.81	29.43 1.28 -7.17	31.94 1.17 -9.41	32.17 1.26 -8.76	45.22 1.11 -22.31	46.35 1.40 -18.00	45.30 1.52 -16.06	41.14 1.59 -11.10	34.42 1.78 -2.94	31.93 1.78 -1.47	27.86 1.48 -4.59	25.49 1.35 -2.75
MONTAUK___DIESEL 23721	38.05 4.02 -13.13	33.88 3.97 -8.99	31.02 3.65 -7.32	28.04 3.19 -6.52	27.67 3.03 -6.90	27.93 3.33 -5.25	27.64 3.10 -6.16	28.48 3.38 -6.34	30.85 3.90 -6.31	34.27 4.13 -9.26	40.26 4.02 -15.83	46.26 4.28 -21.41	51.51 4.42 -26.13	85.53 4.55 -60.00	136.86 4.61 -110.90	147.41 4.76 -120.50	145.52 4.69 -119.03	225.20 5.77 -192.49	195.30 5.85 -161.74	137.32 5.89 -102.99	137.18 5.85 -101.63	88.51 5.74 -54.09	49.61 4.38 -23.45	38.29 4.19 -12.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.83 0.36 -0.56	21.54 0.33 -0.29	20.38 0.08 -0.24	18.59 -0.09 -0.35	18.15 0.00 -0.41	19.34 -0.04 -0.03	18.32 -0.17 -0.12	18.80 -0.19 -0.23	20.23 -0.47 -0.06	20.78 -0.46 -0.37	20.49 -0.51 -0.59	20.83 -0.53 -0.79	21.95 -0.08 -1.08	22.28 -0.02 -1.33	23.03 -0.02 -1.70	23.90 0.13 -1.62	25.75 0.00 -3.95	30.13 -0.03 -3.22	30.36 -0.28 -2.92	30.42 -0.09 -2.06	30.34 0.09 -0.54	29.36 0.40 -0.27	22.89 0.26 -0.85	22.67 0.77 -0.51
MORTIMER_115KV_TB3 55949	21.45 0.15 -0.39	21.29 0.17 -0.21	20.15 -0.08 -0.17	18.45 -0.13 -0.25	17.94 -0.09 -0.29	19.20 -0.17 -0.02	18.27 -0.18 -0.08	18.64 -0.28 -0.16	20.29 -0.39 -0.04	20.82 -0.31 -0.26	20.50 -0.33 -0.42	20.80 -0.33 -0.56	21.76 0.04 -0.76	22.07 0.15 -0.94	22.79 0.23 -1.21	23.54 0.24 -1.15	24.76 0.15 -2.80	29.36 0.13 -2.28	29.73 -0.06 -2.07	29.85 -0.06 -1.46	30.06 -0.03 -0.39	28.99 0.11 -0.19	22.43 0.04 -0.60	22.08 0.32 -0.36
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.93 1.63 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.50 1.26 -2.51	20.90 1.35 -0.19	20.34 1.27 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10
MUNSVILLE_WIND_PWR 323609	23.45 1.61 -0.93	23.12 1.72 -0.49	21.96 1.50 -0.41	20.17 1.25 -0.59	19.58 1.15 -0.69	20.91 1.51 -0.05	19.92 1.36 -0.19	20.45 1.31 -0.38	22.11 1.36 -0.11	22.86 1.38 -0.61	22.66 1.27 -0.99	23.19 1.30 -1.32	24.18 1.43 -1.80	24.69 1.49 -2.22	25.56 1.37 -2.85	26.59 1.73 -2.71	30.09 1.68 -6.61	34.50 2.18 -5.38	35.07 2.47 -4.89	34.64 2.76 -3.44	33.53 2.91 -0.91	31.81 2.67 -0.46	25.06 1.85 -1.42	24.09 1.84 -0.85
N SALMON___HYD 24042	20.39 -0.52 0.00	20.41 -0.50 0.00	19.51 -0.54 0.00	17.93 -0.40 0.00	17.35 -0.39 0.00	18.91 -0.44 0.00	17.98 -0.39 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.91 -0.49 0.00	20.06 -0.51 0.00	20.14 -0.82 0.00	20.01 -0.96 0.00	20.43 -0.92 0.00	21.00 -1.15 0.00	20.93 -0.87 0.00	26.08 -0.86 0.00	27.10 -0.61 0.00	27.82 -0.63 0.00	29.05 -0.65 0.00	27.71 -0.98 0.00	21.06 -0.72 0.00	20.56 -0.83 0.00
N.AKRON__115KV_KNAPP 355671	21.48 0.10 -0.47	21.26 0.10 -0.25	20.06 -0.20 -0.20	18.33 -0.29 -0.30	17.83 -0.25 -0.34	19.05 -0.33 -0.03	18.06 -0.40 -0.10	18.41 -0.54 -0.19	19.89 -0.81 -0.05	20.41 -0.77 -0.31	20.11 -0.80 -0.50	20.43 -0.80 -0.66	21.61 -0.25 -0.90	21.94 -0.15 -1.11	22.73 -0.04 -1.43	23.48 -0.02 -1.36	24.96 -0.15 -3.31	29.39 -0.24 -2.69	29.61 -0.55 -2.45	29.68 -0.48 -1.72	29.77 -0.39 -0.46	28.80 -0.11 -0.23	22.34 -0.15 -0.71	22.21 0.39 -0.43
N.BELMOR_69_KV_BK1 55787	35.56 2.03 -12.61	31.91 2.01 -8.99	29.28 1.91 -7.32	26.52 1.67 -6.52	26.25 1.61 -6.90	26.34 1.74 -5.25	26.17 1.64 -6.16	26.88 1.78 -6.34	28.99 2.04 -6.31	32.22 2.09 -9.26	37.35 1.98 -14.97	44.10 2.12 -21.41	49.33 2.24 -26.13	57.57 2.29 -34.30	45.99 2.35 -22.29	49.25 2.37 -24.73	53.95 2.38 -29.77	52.16 2.91 -22.30	50.06 2.94 -19.41	45.16 3.02 -13.70	37.65 2.94 -5.01	36.74 2.95 -5.11	37.83 2.33 -13.71	36.22 2.20 -12.62
N.E_GEN_SANDY PD 24062	25.85 1.02 -3.92	24.03 1.05 -2.07	22.74 0.98 -1.71	21.74 0.92 -2.49	21.50 0.87 -2.90	20.52 0.95 -0.22	20.09 0.90 -0.81	21.26 0.90 -1.60	22.16 1.07 -0.44	24.51 1.06 -2.58	25.60 1.02 -4.17	27.22 1.09 -5.56	29.70 1.17 -7.57	31.50 1.17 -9.35	32.20 1.15 -9.70	34.80 1.24 -11.41	40.60 1.20 -17.60	44.40 1.45 -16.00	46.90 1.47 -17.72	44.40 1.51 -14.45	35.10 1.57 -3.83	32.15 1.55 -1.91	28.96 1.20 -5.98	26.18 1.20 -3.58

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.50 1.36 -3.23	23.98 1.36 -1.71	22.75 1.28 -1.41	21.50 1.12 -2.05	21.19 1.06 -2.39	20.69 1.16 -0.18	20.13 1.08 -0.67	21.28 1.20 -1.32	22.43 1.42 -0.36	24.46 1.46 -2.13	25.23 1.39 -3.44	26.72 1.56 -4.59	28.86 1.66 -6.25	30.41 1.72 -7.71	33.24 1.75 -10.14	33.34 1.77 -9.41	47.63 1.77 -24.07	48.51 2.16 -19.41	47.17 2.16 -17.29	42.60 2.22 -11.94	34.97 2.11 -3.16	32.41 2.15 -1.58	28.37 1.66 -4.94	25.87 1.52 -2.96
N.QUEENS_27_KV_LOAD 356247	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.96 1.47 -2.16	21.67 1.42 -2.52	21.13 1.59 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.63 1.61 -0.38	24.86 1.75 -2.23	25.65 1.63 -3.61	27.28 1.89 -4.81	29.54 2.03 -6.55	31.18 2.12 -8.09	34.13 2.13 -10.65	33.97 1.95 -9.87	49.23 2.14 -25.29	49.92 2.59 -20.39	48.30 2.44 -18.15	43.41 2.45 -12.52	35.30 2.29 -3.31	33.06 2.72 -1.66	29.14 2.18 -5.18	26.54 2.03 -3.11
N.TROY___115KV_TB1 355778	26.27 0.94 -4.42	24.19 0.94 -2.33	22.86 0.88 -1.93	21.94 0.81 -2.81	21.80 0.80 -3.27	20.45 0.85 -0.25	20.12 0.83 -0.92	21.35 0.79 -1.80	22.07 0.93 -0.50	24.72 0.94 -2.91	26.05 0.94 -4.70	27.85 1.01 -6.27	30.54 1.05 -8.54	32.57 1.05 -10.54	35.50 1.07 -13.08	36.17 1.15 -12.87	52.34 1.11 -29.43	52.62 1.40 -24.27	51.79 1.41 -22.66	46.23 1.48 -16.31	35.62 1.60 -4.32	32.36 1.52 -2.16	29.66 1.13 -6.75	26.53 1.09 -4.04
NARROWS_GT1_1 24228	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_2 24229	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_3 24230	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_4 24231	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_5 24232	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_6 24233	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_7 24234	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT1_8 24235	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_1 24236	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_2 24237	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_3 24238	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_4 24239	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11

NARROWS_GT2_5 24240	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_6 24241	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_7 24242	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NARROWS_GT2_8 24243	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.26 2.14 -25.32	49.93 2.59 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.93 0.94 -4.07	23.96 0.90 -2.15	22.65 0.82 -1.78	21.67 0.75 -2.59	21.53 0.78 -3.01	20.47 0.89 -0.23	20.01 0.79 -0.85	21.17 0.75 -1.66	21.99 0.89 -0.46	24.43 0.88 -2.68	25.64 0.90 -4.34	27.32 0.97 -5.78	29.88 1.05 -7.87	31.77 1.07 -9.72	34.77 1.11 -12.32	35.23 1.22 -11.87	51.30 1.24 -28.25	51.64 1.59 -23.11	50.62 1.69 -21.22	45.31 1.82 -15.04	35.62 1.93 -3.98	32.45 1.78 -1.99	29.25 1.24 -6.22	26.23 1.11 -3.73
NCHELSEA_115KV_TR2 355582	25.75 1.44 -3.40	24.13 1.42 -1.79	22.90 1.36 -1.48	21.68 1.19 -2.16	21.37 1.12 -2.51	20.78 1.24 -0.19	20.22 1.14 -0.71	21.40 1.26 -1.38	22.51 1.49 -0.38	24.63 1.52 -2.24	25.49 1.47 -3.62	27.02 1.63 -4.82	29.26 1.74 -6.57	30.89 1.80 -8.11	33.78 1.84 -10.60	33.93 1.88 -9.90	48.74 1.90 -25.03	49.49 2.32 -20.23	48.17 2.36 -18.10	43.44 2.45 -12.55	35.34 2.32 -3.32	32.70 2.35 -1.66	28.74 1.76 -5.19	26.13 1.63 -3.11
NEG CAPITAL___MECHNVIL 23645	26.61 1.21 -4.48	24.47 1.19 -2.37	23.11 1.10 -1.95	22.17 0.99 -2.85	22.04 0.99 -3.32	20.67 1.06 -0.25	20.31 1.01 -0.93	21.58 0.99 -1.83	22.30 1.16 -0.51	25.01 1.19 -2.95	26.38 1.20 -4.77	28.17 1.23 -6.36	30.94 1.32 -8.66	33.01 1.34 -10.69	35.98 1.30 -13.33	36.64 1.44 -13.05	53.38 1.46 -30.12	53.57 1.83 -24.80	52.63 1.86 -23.07	46.92 1.94 -16.54	36.25 2.17 -4.38	32.91 2.04 -2.19	30.06 1.44 -6.84	26.86 1.37 -4.10
NEG CENTRAL_HIGH_ACRES 23767	21.09 -0.21 -0.38	20.93 -0.19 -0.20	19.82 -0.40 -0.17	18.17 -0.40 -0.24	17.64 -0.37 -0.28	18.91 -0.46 -0.02	18.03 -0.42 -0.08	18.43 -0.49 -0.16	20.11 -0.58 -0.04	20.64 -0.48 -0.25	20.32 -0.49 -0.41	20.62 -0.49 -0.54	21.48 -0.21 -0.74	21.76 -0.13 -0.91	22.19 -0.32 -1.17	23.22 -0.04 -1.11	24.40 -0.11 -2.71	28.99 -0.16 -2.20	29.41 -0.30 -2.00	29.48 -0.37 -1.41	29.69 -0.39 -0.37	28.58 -0.29 -0.19	22.08 -0.28 -0.58	21.68 -0.06 -0.35
NEG CENTRAL___DRP 24199	21.52 0.19 -0.42	21.32 0.19 -0.22	20.28 0.04 -0.18	18.58 -0.02 -0.27	18.06 0.02 -0.31	19.39 0.02 -0.02	18.48 0.02 -0.09	18.91 -0.02 -0.17	20.63 -0.06 -0.05	21.13 -0.02 -0.27	20.83 -0.02 -0.44	21.12 -0.04 -0.59	21.93 0.17 -0.81	22.20 0.23 -1.00	22.92 0.30 -1.28	23.70 0.33 -1.21	25.07 0.31 -2.96	29.76 0.40 -2.41	30.29 0.39 -2.19	30.30 0.31 -1.54	30.47 0.36 -0.41	29.29 0.40 -0.20	22.64 0.22 -0.64	22.10 0.32 -0.38
NEG CENTRAL___INDECK 23768	22.15 0.69 -0.55	21.91 0.71 -0.29	20.69 0.40 -0.24	18.95 0.28 -0.35	18.48 0.34 -0.41	19.71 0.33 -0.03	18.71 0.22 -0.11	18.91 -0.07 -0.22	20.29 -0.41 -0.06	20.75 -0.48 -0.36	20.42 -0.57 -0.58	20.75 -0.60 -0.78	21.79 -0.23 -1.06	22.18 -0.10 -1.31	22.68 -0.34 -1.68	23.86 0.11 -1.60	25.80 0.11 -3.89	30.49 0.38 -3.17	31.12 0.53 -2.88	31.32 0.85 -2.02	31.31 1.07 -0.54	30.13 1.18 -0.27	23.38 0.76 -0.84	22.92 1.03 -0.50
NEG CENTRAL___SENECA 23627	21.67 0.29 -0.46	21.45 0.29 -0.24	20.35 0.10 -0.20	18.64 0.02 -0.29	18.09 0.02 -0.34	19.44 0.06 -0.03	18.54 0.07 -0.10	18.95 0.00 -0.19	20.63 -0.06 -0.05	21.17 0.00 -0.30	20.87 -0.02 -0.49	21.20 -0.02 -0.65	22.08 0.23 -0.89	22.39 0.31 -1.10	23.16 0.41 -1.41	23.93 0.44 -1.34	25.46 0.39 -3.26	30.14 0.54 -2.66	30.65 0.53 -2.42	30.60 0.46 -1.70	30.69 0.53 -0.45	29.48 0.57 -0.22	22.83 0.35 -0.70	22.29 0.47 -0.42
NEG CENTRAL___STATE_STREET 24147	21.57 0.25 -0.41	21.38 0.25 -0.22	20.37 0.14 -0.18	18.66 0.07 -0.26	18.29 0.25 -0.30	19.49 0.12 -0.02	18.57 0.11 -0.08	19.04 0.11 -0.17	20.81 0.12 -0.05	21.33 0.19 -0.27	21.06 0.22 -0.43	21.32 0.16 -0.58	22.06 0.31 -0.79	22.33 0.38 -0.97	23.05 0.45 -1.25	23.78 0.44 -1.19	25.12 0.41 -2.90	29.84 0.54 -2.36	30.38 0.53 -2.15	30.44 0.48 -1.51	30.61 0.50 -0.40	29.40 0.52 -0.20	22.71 0.30 -0.62	22.11 0.34 -0.37
NEG MILLWOOD___DRP 24198	25.88 1.53 -3.44	24.26 1.53 -1.82	23.00 1.44 -1.50	21.78 1.26 -2.19	21.45 1.17 -2.54	20.86 1.32 -0.19	20.30 1.21 -0.72	21.49 1.33 -1.40	22.58 1.55 -0.39	24.87 1.73 -2.26	25.76 1.69 -3.66	27.31 1.85 -4.88	29.59 1.99 -6.65	31.24 2.06 -8.21	34.22 2.11 -10.76	34.32 2.15 -10.02	49.41 2.14 -25.47	50.17 2.67 -20.56	48.79 2.72 -18.36	43.94 2.79 -12.70	35.68 2.61 -3.36	32.97 2.61 -1.68	28.95 1.92 -5.25	26.23 1.69 -3.15
NEG NORTH_FLCN_SEA 23793	20.66 -0.25 0.00	20.66 -0.25 0.00	19.77 -0.28 0.00	18.13 -0.20 0.00	17.58 -0.16 0.00	19.12 -0.23 0.00	18.17 -0.20 0.00	18.61 -0.15 0.00	20.46 -0.19 0.00	20.62 -0.25 0.00	20.12 -0.29 0.00	20.24 -0.33 0.00	20.33 -0.63 0.00	20.16 -0.82 0.00	20.39 -0.96 0.00	21.15 -1.00 0.00	21.08 -0.72 0.00	26.32 -0.62 0.00	27.41 -0.30 0.00	28.10 -0.34 0.00	29.35 -0.36 0.00	27.99 -0.69 0.00	21.28 -0.50 0.00	20.82 -0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	20.43 -0.48 0.00	20.43 -0.48 0.00	19.57 -0.48 0.00	17.96 -0.37 0.00	17.40 -0.34 0.00	18.95 -0.41 0.00	18.00 -0.37 0.00	18.42 -0.34 0.00	20.23 -0.41 0.00	20.39 -0.48 0.00	19.89 -0.51 0.00	20.04 -0.53 0.00	20.12 -0.84 0.00	19.95 -1.03 0.00	20.19 -1.15 0.00	20.95 -1.20 0.00	20.87 -0.94 0.00	26.03 -0.92 0.00	27.07 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.74 -0.95 0.00	21.06 -0.72 0.00	20.60 -0.79 0.00

NEG NORTH___ALICE_FALLS 23915	20.62 -0.29 0.00	20.62 -0.29 0.00	19.71 -0.34 0.00	18.07 -0.26 0.00	17.52 -0.21 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.55 -0.21 0.00	20.39 -0.25 0.00	20.56 -0.31 0.00	20.06 -0.35 0.00	20.18 -0.39 0.00	20.26 -0.69 0.00	20.10 -0.88 0.00	20.34 -1.00 0.00	21.09 -1.06 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.08 -0.37 0.00	29.32 -0.39 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.75 -0.64 0.00
NEG NORTH___LWR_SARANAC 23913	20.62 -0.29 0.00	20.62 -0.29 0.00	19.71 -0.34 0.00	18.07 -0.26 0.00	17.52 -0.21 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.55 -0.21 0.00	20.39 -0.25 0.00	20.56 -0.31 0.00	20.06 -0.35 0.00	20.18 -0.39 0.00	20.26 -0.69 0.00	20.10 -0.88 0.00	20.34 -1.00 0.00	21.09 -1.06 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.08 -0.37 0.00	29.32 -0.39 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.75 -0.64 0.00
NEG NORTH___PLATTSBURG 23628	20.62 -0.29 0.00	20.62 -0.29 0.00	19.71 -0.34 0.00	18.07 -0.26 0.00	17.52 -0.21 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.55 -0.21 0.00	20.40 -0.25 0.00	20.56 -0.31 0.00	20.06 -0.35 0.00	20.20 -0.37 0.00	20.27 -0.69 0.00	20.12 -0.86 0.00	20.49 -0.85 0.00	21.11 -1.04 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.07 -0.37 0.00	29.32 -0.39 0.00	27.94 -0.75 0.00	21.26 -0.52 0.00	20.75 -0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	21.16 -0.23 -0.48	20.92 -0.25 -0.25	19.78 -0.48 -0.21	18.08 -0.55 -0.31	17.58 -0.51 -0.36	18.74 -0.64 -0.03	17.77 -0.70 -0.10	18.11 -0.84 -0.20	19.54 -1.16 -0.05	20.04 -1.15 -0.32	19.75 -1.16 -0.51	20.08 -1.17 -0.68	21.28 -0.61 -0.93	21.62 -0.50 -1.15	22.37 -0.45 -1.47	23.13 -0.42 -1.40	24.65 -0.57 -3.41	28.94 -0.78 -2.78	29.05 -1.19 -2.52	29.11 -1.11 -1.78	29.13 -1.04 -0.47	28.20 -0.72 -0.23	21.95 -0.57 -0.73	21.86 0.02 -0.44
NEG WEST___LANCASTR 23811	20.76 -0.71 -0.56	20.48 -0.73 -0.30	19.38 -0.92 -0.24	17.70 -0.99 -0.36	17.25 -0.90 -0.42	18.44 -0.95 -0.03	17.39 -1.10 -0.12	17.81 -1.18 -0.23	19.26 -1.44 -0.06	19.78 -1.46 -0.37	19.55 -1.45 -0.60	19.91 -1.46 -0.80	21.06 -0.98 -1.08	21.46 -0.86 -1.34	22.23 -0.83 -1.72	22.99 -0.80 -1.63	24.83 -0.96 -3.98	28.94 -1.24 -3.24	29.08 -1.58 -2.95	29.01 -1.51 -2.07	28.83 -1.43 -0.55	27.81 -1.15 -0.27	21.72 -0.91 -0.86	21.46 -0.45 -0.51
NEG_PENN_ALLEGHNY 23528	22.23 0.31 -1.00	21.75 0.31 -0.53	20.69 0.20 -0.44	19.07 0.11 -0.64	18.60 0.13 -0.74	19.56 0.15 -0.06	18.71 0.13 -0.21	19.28 0.11 -0.41	20.88 0.12 -0.11	21.68 0.15 -0.66	21.59 0.12 -1.06	22.14 0.15 -1.42	23.20 0.31 -1.93	23.72 0.36 -2.38	24.64 0.24 -3.06	25.50 0.44 -2.91	29.29 0.39 -7.09	33.20 0.49 -5.77	33.40 0.44 -5.25	32.56 0.43 -3.69	31.15 0.47 -0.98	29.69 0.52 -0.49	23.66 0.35 -1.53	22.74 0.43 -0.91
NEG___GEN_MONROE 24207	21.42 0.10 -0.40	21.25 0.13 -0.21	20.19 -0.04 -0.17	18.47 -0.11 -0.25	17.96 -0.07 -0.30	19.22 -0.15 -0.02	18.29 -0.17 -0.08	18.58 -0.34 -0.16	20.21 -0.47 -0.04	20.72 -0.42 -0.26	20.42 -0.41 -0.42	20.71 -0.43 -0.57	21.64 -0.08 -0.77	21.97 0.04 -0.95	22.72 0.15 -1.22	23.51 0.20 -1.16	24.76 0.13 -2.83	29.27 0.03 -2.30	29.64 -0.17 -2.09	29.75 -0.17 -1.47	29.97 -0.12 -0.39	28.94 0.06 -0.19	22.39 0.00 -0.61	22.08 0.32 -0.36
NEPA___ENERGY 23901	21.46 -0.02 -0.57	21.17 -0.04 -0.30	20.06 -0.24 -0.25	18.30 -0.38 -0.36	17.85 -0.30 -0.42	18.96 -0.43 -0.03	17.99 -0.50 -0.12	18.45 -0.54 -0.23	19.96 -0.74 -0.06	20.49 -0.75 -0.37	20.23 -0.78 -0.60	20.59 -0.78 -0.80	21.76 -0.29 -1.09	22.14 -0.19 -1.35	22.93 -0.15 -1.73	23.71 -0.09 -1.65	25.56 -0.26 -4.01	29.83 -0.38 -3.27	29.99 -0.69 -2.97	29.94 -0.60 -2.09	29.81 -0.45 -0.55	28.76 -0.20 -0.28	22.45 -0.20 -0.86	22.19 0.28 -0.52
NEVERSINK___HYD 23608	24.96 1.13 -2.92	23.54 1.09 -1.54	22.35 1.02 -1.27	21.05 0.86 -1.86	20.70 0.80 -2.16	20.44 0.93 -0.16	19.79 0.81 -0.61	20.89 0.94 -1.19	22.09 1.11 -0.33	23.90 1.11 -1.92	24.55 1.04 -3.11	25.87 1.15 -4.15	27.90 1.30 -5.64	29.27 1.32 -6.97	31.76 1.35 -9.07	32.10 1.44 -8.51	44.61 1.48 -21.32	46.04 1.83 -17.26	45.16 1.94 -15.51	41.28 2.05 -10.79	34.46 1.90 -2.85	32.00 1.89 -1.43	27.68 1.44 -4.46	25.35 1.28 -2.67
NEWKRMKL_115KV_TB1 55635	25.92 0.63 -4.38	23.85 0.63 -2.31	22.56 0.60 -1.91	21.66 0.55 -2.78	21.51 0.53 -3.24	20.18 0.58 -0.25	19.85 0.57 -0.91	21.09 0.54 -1.78	21.78 0.64 -0.49	24.42 0.67 -2.88	25.74 0.67 -4.66	27.57 0.78 -6.22	30.24 0.82 -8.46	32.27 0.84 -10.45	35.27 0.83 -13.09	35.79 0.89 -12.76	52.39 0.87 -29.71	52.41 1.05 -24.41	51.39 1.05 -22.62	45.70 1.08 -16.17	35.17 1.19 -4.28	31.94 1.12 -2.14	29.30 0.83 -6.69	26.17 0.77 -4.01
NEWTON___FALLS_HYD 23847	20.10 -0.90 -0.09	20.10 -0.86 -0.05	19.23 -0.86 -0.04	17.67 -0.71 -0.06	17.13 -0.67 -0.07	18.66 -0.70 0.00	17.69 -0.70 -0.02	18.08 -0.71 -0.04	19.74 -0.91 -0.01	19.99 -0.94 -0.06	19.50 -1.00 -0.09	19.67 -1.03 -0.13	19.95 -1.17 -0.17	19.97 -1.22 -0.21	20.36 -1.26 -0.27	21.17 -1.24 -0.26	21.30 -1.13 -0.63	26.27 -1.19 -0.51	27.15 -1.03 -0.46	27.80 -0.97 -0.33	28.78 -1.01 -0.09	27.61 -1.12 -0.04	21.00 -0.91 -0.13	20.51 -0.96 -0.08
NGRID_A1_DSASP 323792	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.21 -1.49 -0.06	19.71 -1.48 -0.32	19.44 -1.49 -0.52	19.76 -1.50 -0.69	20.94 -0.96 -0.95	21.28 -0.86 -1.17	21.50 -1.34 -1.50	22.78 -0.80 -1.42	24.27 -1.00 -3.47	28.45 -1.32 -2.82	28.56 -1.72 -2.57	28.57 -1.68 -1.81	28.55 -1.63 -0.48	27.69 -1.23 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
NGRID_A2_DSASP 323793	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.21 -1.49 -0.06	19.71 -1.48 -0.32	19.44 -1.49 -0.52	19.76 -1.50 -0.69	20.94 -0.96 -0.95	21.28 -0.86 -1.17	21.50 -1.34 -1.50	22.78 -0.80 -1.42	24.27 -1.00 -3.47	28.45 -1.32 -2.82	28.56 -1.72 -2.57	28.57 -1.68 -1.81	28.55 -1.63 -0.48	27.69 -1.23 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
NGRID_A4_DSASP 323807	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.19 -1.51 -0.06	19.69 -1.50 -0.32	19.44 -1.49 -0.52	19.74 -1.52 -0.69	20.94 -0.96 -0.95	21.30 -0.84 -1.17	22.05 -0.79 -1.50	22.78 -0.80 -1.42	24.29 -0.98 -3.47	28.45 -1.32 -2.82	28.51 -1.77 -2.57	28.54 -1.71 -1.81	28.52 -1.66 -0.48	27.63 -1.29 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
NIAGARA_115E_LBMP 323715	20.84 -0.56 -0.49	20.59 -0.59 -0.26	19.48 -0.78 -0.21	17.80 -0.84 -0.31	17.32 -0.78 -0.36	18.43 -0.95 -0.03	17.48 -0.99 -0.10	17.81 -1.14 -0.20	19.21 -1.49 -0.06	19.73 -1.46 -0.32	19.44 -1.49 -0.52	19.79 -1.48 -0.70	20.94 -0.96 -0.95	21.31 -0.84 -1.17	21.46 -1.39 -1.50	22.76 -0.82 -1.43	24.32 -0.96 -3.48	28.51 -1.27 -2.83	28.63 -1.66 -2.58	28.64 -1.62 -1.81	28.61 -1.58 -0.48	27.75 -1.18 -0.24	21.60 -0.94 -0.75	21.52 -0.32 -0.45

NIAGARA_115W_LBMP 323714	20.86 -0.54 -0.49	20.63 -0.54 -0.26	19.52 -0.74 -0.21	17.85 -0.79 -0.31	17.37 -0.73 -0.36	18.45 -0.93 -0.03	17.48 -0.99 -0.10	17.76 -1.20 -0.20	19.15 -1.55 -0.06	19.67 -1.52 -0.32	19.37 -1.55 -0.52	19.72 -1.54 -0.69	20.87 -1.03 -0.94	21.24 -0.90 -1.17	21.43 -1.41 -1.49	22.73 -0.84 -1.42	24.22 -1.05 -3.46	28.36 -1.40 -2.82	28.48 -1.80 -2.56	28.48 -1.76 -1.80	28.46 -1.72 -0.48	27.60 -1.32 -0.24	21.50 -1.02 -0.75	21.46 -0.38 -0.45
NIAGARA_230_LBMP 323716	21.02 -0.38 -0.48	20.79 -0.38 -0.25	19.68 -0.58 -0.21	17.98 -0.66 -0.31	17.49 -0.60 -0.36	18.60 -0.77 -0.03	17.66 -0.81 -0.10	18.00 -0.96 -0.20	19.44 -1.26 -0.05	19.96 -1.23 -0.32	19.65 -1.27 -0.51	20.00 -1.26 -0.68	21.13 -0.75 -0.93	21.50 -0.63 -1.15	21.71 -1.11 -1.47	23.00 -0.55 -1.40	24.50 -0.72 -3.42	28.76 -0.97 -2.78	28.89 -1.36 -2.53	28.92 -1.31 -1.78	28.87 -1.31 -0.47	28.00 -0.92 -0.24	21.78 -0.74 -0.74	21.71 -0.13 -0.44
NIAGARA__115KV_198_GIBSON 55903	20.86 -0.54 -0.49	20.63 -0.54 -0.26	19.52 -0.74 -0.21	17.85 -0.79 -0.31	17.37 -0.73 -0.36	18.45 -0.93 -0.03	17.48 -0.99 -0.10	17.76 -1.20 -0.20	19.15 -1.55 -0.06	19.65 -1.54 -0.32	19.37 -1.55 -0.52	19.70 -1.56 -0.69	20.89 -1.01 -0.94	21.24 -0.90 -1.17	21.99 -0.85 -1.49	22.73 -0.84 -1.42	24.22 -1.05 -3.46	28.36 -1.40 -2.82	28.42 -1.86 -2.56	28.46 -1.79 -1.80	28.46 -1.72 -0.48	27.57 -1.35 -0.24	21.50 -1.02 -0.75	21.44 -0.41 -0.45
NIAGARA____ 23760	21.03 -0.38 -0.49	20.80 -0.38 -0.26	19.68 -0.58 -0.21	17.98 -0.66 -0.31	17.49 -0.60 -0.36	18.60 -0.77 -0.03	17.66 -0.81 -0.10	18.00 -0.96 -0.20	19.44 -1.26 -0.05	19.96 -1.23 -0.32	19.66 -1.27 -0.52	20.01 -1.26 -0.69	21.14 -0.75 -0.94	21.51 -0.63 -1.16	21.73 -1.11 -1.49	23.02 -0.55 -1.42	24.54 -0.72 -3.46	28.79 -0.97 -2.81	28.91 -1.36 -2.56	28.93 -1.31 -1.80	28.87 -1.31 -0.48	28.00 -0.92 -0.24	21.79 -0.74 -0.74	21.72 -0.13 -0.45
NINE_MILE_1 23575	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.84 -0.52 -0.01	17.93 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.21	20.24 -0.62 -0.28	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.34 -0.62 -0.61	22.18 -0.55 -0.58	22.66 -0.57 -1.42	27.37 -0.73 -1.16	27.99 -0.78 -1.05	28.36 -0.83 -0.74	29.07 -0.83 -0.20	27.98 -0.80 -0.10	21.48 -0.61 -0.31	21.02 -0.56 -0.18
NINE_MILE_2 23744	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.84 -0.52 -0.01	17.93 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.21	20.24 -0.62 -0.28	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.34 -0.62 -0.61	22.18 -0.55 -0.58	22.66 -0.57 -1.42	27.37 -0.73 -1.15	27.98 -0.78 -1.05	28.36 -0.83 -0.74	29.07 -0.83 -0.20	28.01 -0.77 -0.10	21.48 -0.61 -0.30	21.02 -0.56 -0.18
NM_CAPITAL____DRP 24208	25.95 0.67 -4.36	23.89 0.67 -2.30	22.60 0.64 -1.90	21.69 0.59 -2.77	21.55 0.59 -3.23	20.24 0.64 -0.24	19.90 0.62 -0.91	21.12 0.58 -1.78	21.82 0.68 -0.49	24.43 0.69 -2.87	25.77 0.71 -4.65	27.57 0.80 -6.20	30.23 0.84 -8.43	32.25 0.86 -10.42	35.24 0.88 -13.02	35.77 0.91 -12.71	52.18 0.89 -29.48	52.27 1.08 -24.25	51.30 1.08 -22.51	45.67 1.11 -16.12	35.19 1.22 -4.26	31.96 1.15 -2.13	29.30 0.85 -6.67	26.20 0.81 -3.99
NM_CENTRAL____DRP 24181	21.14 -0.06 -0.29	21.00 -0.06 -0.15	20.06 -0.12 -0.13	18.37 -0.15 -0.18	17.81 -0.14 -0.21	19.21 -0.15 -0.02	18.30 -0.13 -0.06	18.73 -0.15 -0.12	20.49 -0.19 -0.03	20.94 -0.13 -0.19	20.59 -0.12 -0.31	20.82 -0.16 -0.41	21.45 -0.06 -0.56	21.64 -0.02 -0.69	22.25 0.02 -0.88	23.01 0.02 -0.84	23.83 -0.02 -2.05	28.50 -0.11 -1.67	29.09 -0.14 -1.51	29.31 -0.20 -1.07	29.81 -0.18 -0.28	28.65 -0.17 -0.14	22.11 -0.11 -0.44	21.59 -0.06 -0.26
NM_FRONTIER____DRP 24179	20.86 -0.54 -0.49	20.63 -0.54 -0.26	19.52 -0.74 -0.21	17.85 -0.79 -0.31	17.37 -0.73 -0.36	18.45 -0.93 -0.03	17.48 -0.99 -0.10	17.76 -1.20 -0.20	19.15 -1.55 -0.06	19.65 -1.54 -0.32	19.37 -1.55 -0.52	19.70 -1.56 -0.69	20.89 -1.01 -0.94	21.24 -0.90 -1.17	21.99 -0.85 -1.49	22.73 -0.84 -1.42	24.22 -1.05 -3.46	28.36 -1.40 -2.82	28.42 -1.86 -2.56	28.46 -1.79 -1.80	28.46 -1.72 -0.48	27.57 -1.35 -0.24	21.50 -1.02 -0.75	21.44 -0.41 -0.45
NM_ST_REGIS____HYD 24053	19.93 -0.98 0.00	19.95 -0.96 0.00	19.11 -0.94 0.00	17.61 -0.71 0.00	17.03 -0.71 0.00	18.62 -0.74 0.00	17.67 -0.70 0.00	18.08 -0.68 0.00	19.77 -0.87 0.00	19.95 -0.92 0.00	19.49 -0.92 0.00	19.63 -0.95 0.00	19.76 -1.19 0.00	19.70 -1.28 0.00	19.98 -1.37 0.00	20.73 -1.42 0.00	20.58 -1.22 0.00	25.57 -1.37 0.00	26.52 -1.19 0.00	27.25 -1.19 0.00	28.43 -1.28 0.00	27.25 -1.43 0.00	20.67 -1.11 0.00	20.20 -1.20 0.00
NORTHPORT____1 23551	35.55 2.01 -12.63	31.97 2.07 -8.99	29.32 1.94 -7.32	26.54 1.69 -6.52	26.27 1.63 -6.90	26.36 1.76 -5.25	26.20 1.67 -6.16	26.94 1.84 -6.34	29.02 2.06 -6.31	32.28 2.15 -9.26	37.27 1.88 -14.99	43.89 1.91 -21.41	49.10 2.01 -26.13	57.91 1.91 -35.02	37.68 1.88 -14.45	40.36 1.95 -16.26	45.66 1.98 -21.87	49.28 2.43 -19.92	51.64 2.47 -21.47	47.20 2.56 -16.19	39.87 2.46 -7.70	37.68 2.52 -6.47	36.83 2.09 -12.96	36.07 2.05 -12.62
NORTHPORT____2 23552	35.55 2.01 -12.63	31.97 2.07 -8.99	29.32 1.94 -7.32	26.54 1.69 -6.52	26.27 1.63 -6.90	26.36 1.76 -5.25	26.20 1.67 -6.16	26.94 1.84 -6.34	29.02 2.06 -6.31	32.28 2.15 -9.26	37.27 1.88 -14.99	43.89 1.91 -21.41	49.10 2.01 -26.13	57.91 1.91 -35.02	37.68 1.88 -14.45	40.36 1.95 -16.26	45.66 1.98 -21.87	49.28 2.43 -19.92	51.64 2.47 -21.47	47.20 2.56 -16.19	39.87 2.46 -7.70	37.68 2.52 -6.47	36.83 2.09 -12.96	36.07 2.05 -12.62
NORTHPORT____3 23553	35.63 2.09 -12.62	31.91 2.01 -8.99	29.28 1.91 -7.32	26.50 1.65 -6.52	26.25 1.61 -6.90	26.34 1.74 -5.25	26.15 1.62 -6.16	26.88 1.78 -6.34	28.98 2.02 -6.31	32.26 2.13 -9.26	37.41 2.02 -14.98	44.12 2.14 -21.41	49.37 2.28 -26.13	58.27 2.27 -35.03	38.05 2.24 -14.46	40.70 2.28 -16.26	46.04 2.36 -21.88	49.75 2.88 -19.92	52.14 2.97 -21.46	47.67 3.05 -16.18	40.34 2.94 -7.69	38.10 2.95 -6.46	37.37 2.33 -13.25	36.32 2.31 -12.61
NORTHPORT____4 23650	35.63 2.09 -12.62	31.91 2.01 -8.99	29.28 1.91 -7.32	26.50 1.65 -6.52	26.25 1.61 -6.90	26.34 1.74 -5.25	26.15 1.62 -6.16	26.88 1.78 -6.34	28.98 2.02 -6.31	32.26 2.13 -9.26	37.41 2.02 -14.98	44.12 2.14 -21.41	49.37 2.28 -26.13	58.27 2.27 -35.03	38.05 2.24 -14.46	40.70 2.28 -16.26	46.04 2.36 -21.88	49.75 2.88 -19.92	52.14 2.97 -21.46	47.67 3.05 -16.18	40.34 2.94 -7.69	38.10 2.95 -6.46	37.37 2.33 -13.25	36.32 2.31 -12.61
NORTHPORT____IC 23718	35.55 2.01 -12.63	31.97 2.07 -8.99	29.32 1.94 -7.32	26.54 1.69 -6.52	26.27 1.63 -6.90	26.36 1.76 -5.25	26.20 1.67 -6.16	26.94 1.84 -6.34	29.02 2.06 -6.31	32.28 2.15 -9.26	37.27 1.88 -14.99	43.89 1.91 -21.41	49.10 2.01 -26.13	57.91 1.91 -35.02	37.68 1.88 -14.45	40.36 1.95 -16.26	45.66 1.98 -21.87	49.28 2.43 -19.92	51.64 2.47 -21.47	47.20 2.56 -16.19	39.87 2.46 -7.70	37.68 2.52 -6.47	36.83 2.09 -12.96	36.07 2.05 -12.62

NORTH____COUNTRY_ESR 323785	20.37 -0.54 0.00	20.39 -0.52 0.00	19.53 -0.52 0.00	17.93 -0.40 0.00	17.36 -0.37 0.00	18.91 -0.44 0.00	17.97 -0.40 0.00	18.38 -0.38 0.00	20.21 -0.43 0.00	20.35 -0.52 0.00	19.87 -0.53 0.00	20.02 -0.55 0.00	20.10 -0.86 0.00	19.95 -1.03 0.00	20.32 -1.02 0.00	20.91 -1.24 0.00	20.82 -0.98 0.00	25.97 -0.97 0.00	27.02 -0.69 0.00	27.71 -0.74 0.00	28.93 -0.77 0.00	27.62 -1.06 0.00	21.02 -0.76 0.00	20.56 -0.83 0.00
NPX_GEN_1385_PROXY 323591	30.60 1.38 -8.31	28.50 1.46 -6.12	26.60 1.36 -5.18	25.90 1.16 -6.42	25.56 1.01 -6.81	25.82 1.22 -5.25	25.80 1.27 -6.16	26.60 1.50 -6.34	28.42 1.47 -6.31	30.10 1.54 -7.68	32.50 1.29 -10.81	33.50 1.34 -11.59	34.20 1.40 -11.84	36.00 1.28 -13.74	36.70 1.30 -14.05	39.69 1.28 -16.26	45.20 1.53 -21.87	48.80 1.94 -19.92	51.20 2.02 -21.47	46.94 2.30 -16.19	39.57 2.17 -7.70	37.33 2.18 -6.47	36.31 1.57 -12.96	35.60 1.58 -12.62
NPX_GEN_CSC 323557	36.80 2.76 -13.12	32.66 2.76 -8.99	29.94 2.57 -7.32	27.07 2.22 -6.52	26.76 2.13 -6.90	26.92 2.32 -5.25	26.68 2.15 -6.16	27.44 2.34 -6.34	29.62 2.66 -6.31	32.91 2.78 -9.26	38.87 2.63 -15.83	44.71 2.74 -21.41	49.98 2.89 -26.13	83.79 2.85 -59.96	134.96 2.84 -110.77	145.48 2.97 -120.36	143.69 2.99 -118.90	222.86 3.69 -192.23	177.90 3.77 -146.42	135.19 3.90 -102.84	135.01 3.83 -101.47	86.51 3.82 -54.01	48.22 3.01 -23.43	37.03 2.93 -12.70
NSINS_S_GLNS_FALLS 23858	26.62 1.19 -4.52	24.47 1.17 -2.39	23.07 1.04 -1.97	22.14 0.93 -2.87	22.05 0.98 -3.34	20.63 1.03 -0.25	20.30 0.99 -0.94	21.56 0.96 -1.84	22.33 1.18 -0.51	25.04 1.19 -2.97	26.32 1.10 -4.81	28.12 1.13 -6.41	30.84 1.15 -8.73	32.93 1.17 -10.78	36.03 1.20 -13.48	36.57 1.26 -13.16	53.78 1.42 -30.56	53.88 1.81 -25.13	52.88 1.86 -23.31	47.09 1.96 -16.68	36.49 2.38 -4.41	32.98 2.09 -2.21	30.14 1.46 -6.90	26.85 1.33 -4.13
NUCOR_STEEL____DRP 24197	21.62 0.31 -0.39	21.46 0.33 -0.21	20.45 0.22 -0.17	18.72 0.15 -0.25	18.19 0.16 -0.29	19.57 0.19 -0.02	18.64 0.18 -0.08	19.09 0.17 -0.16	20.87 0.19 -0.04	21.36 0.23 -0.26	21.07 0.24 -0.42	21.33 0.21 -0.56	22.05 0.34 -0.76	22.29 0.38 -0.94	23.00 0.45 -1.20	23.74 0.44 -1.14	25.00 0.41 -2.79	29.72 0.51 -2.27	30.30 0.53 -2.06	30.35 0.46 -1.45	30.59 0.50 -0.38	29.39 0.52 -0.19	22.71 0.33 -0.60	22.12 0.36 -0.36
NUMBER_THREE_WT_PWR 323818	20.84 -0.19 -0.12	20.83 -0.15 -0.06	19.91 -0.20 -0.05	18.22 -0.18 -0.08	17.65 -0.18 -0.09	19.24 -0.12 -0.01	18.23 -0.17 -0.02	18.60 -0.21 -0.05	20.37 -0.29 -0.01	20.66 -0.29 -0.08	20.04 -0.49 -0.13	20.21 -0.53 -0.17	20.60 -0.59 -0.23	20.65 -0.61 -0.29	21.08 -0.64 -0.37	21.95 -0.55 -0.35	22.18 -0.48 -0.85	27.39 -0.24 -0.69	28.29 -0.06 -0.63	28.97 0.09 -0.44	29.91 0.09 -0.12	28.71 -0.03 -0.06	21.86 -0.11 -0.18	21.36 -0.15 -0.11
NYISO_LBMP_REFERENCE 24008	20.91 0.00 0.00	20.91 0.00 0.00	20.05 0.00 0.00	18.33 0.00 0.00	17.74 0.00 0.00	19.35 0.00 0.00	18.37 0.00 0.00	18.76 0.00 0.00	20.64 0.00 0.00	20.87 0.00 0.00	20.40 0.00 0.00	20.57 0.00 0.00	20.96 0.00 0.00	20.98 0.00 0.00	21.35 0.00 0.00	22.15 0.00 0.00	21.80 0.00 0.00	26.94 0.00 0.00	27.71 0.00 0.00	28.44 0.00 0.00	29.70 0.00 0.00	28.68 0.00 0.00	21.78 0.00 0.00	21.40 0.00 0.00
NYPA_BRENTWD____GT 24164	36.08 2.45 -12.73	32.35 2.45 -8.99	29.66 2.29 -7.32	26.85 2.00 -6.52	26.57 1.93 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.34 2.39 -6.31	32.62 2.48 -9.26	37.85 2.28 -15.16	44.36 2.39 -21.41	49.62 2.53 -26.13	63.26 2.33 -39.96	64.41 2.33 -40.73	69.22 2.41 -44.66	72.59 2.44 -48.34	88.94 2.99 -59.01	71.01 3.05 -40.25	64.94 3.16 -33.34	59.05 3.09 -26.26	47.80 3.24 -15.88	50.42 2.66 -25.98	36.62 2.59 -12.64
NYPA_GOWANUS____GT5 24156	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.23 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NYPA_GOWANUS____GT6 24157	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.80 -2.23	25.71 1.69 -3.61	27.27 1.89 -4.81	59.84 2.08 -36.81	31.14 2.08 -8.09	34.09 2.07 -10.67	34.15 2.13 -9.87	49.23 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.51 2.50 -3.31	32.99 2.64 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11
NYPA_HARLEM_RVR_GT1 24160	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.59 1.57 -0.38	24.81 1.71 -2.23	25.61 1.59 -3.61	27.17 1.79 -4.81	29.48 1.97 -6.55	31.06 1.99 -8.09	33.94 1.94 -10.65	34.02 1.99 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.31 2.36 -12.51	35.27 2.26 -3.31	32.89 2.55 -1.66	29.10 2.14 -5.18	26.49 1.99 -3.11
NYPA_HARLEM_RVR_GT2 24161	26.11 1.80 -3.40	24.49 1.78 -1.80	23.22 1.68 -1.49	21.94 1.45 -2.16	21.65 1.40 -2.52	21.10 1.55 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.59 1.57 -0.38	24.81 1.71 -2.23	25.61 1.59 -3.61	27.17 1.79 -4.81	29.48 1.97 -6.55	31.06 1.99 -8.09	33.94 1.94 -10.65	34.02 1.99 -9.87	49.19 2.09 -25.29	49.86 2.53 -20.39	48.25 2.38 -18.15	43.31 2.36 -12.51	35.27 2.26 -3.31	32.89 2.55 -1.66	29.10 2.14 -5.18	26.49 1.99 -3.11
NYPA_KENT____GT 24152	26.11 1.80 -3.40	24.47 1.76 -1.80	23.20 1.66 -1.49	21.94 1.45 -2.16	21.64 1.38 -2.52	21.04 1.49 -0.20	20.38 1.30 -0.70	21.64 1.50 -1.38	22.68 1.65 -0.38	24.88 1.77 -2.23	25.69 1.67 -3.61	27.24 1.85 -4.81	46.89 2.05 -23.87	31.12 2.06 -8.09	34.04 2.03 -10.66	34.10 2.08 -9.87	49.18 2.07 -25.31	49.84 2.51 -20.39	48.32 2.44 -18.16	43.47 2.50 -12.52	35.45 2.44 -3.31	32.93 2.58 -1.67	29.04 2.07 -5.19	26.45 1.95 -3.11
NYPA_POUCH1____GT 24155	26.13 1.82 -3.40	24.51 1.80 -1.80	23.24 1.70 -1.49	21.98 1.48 -2.16	21.69 1.44 -2.52	21.06 1.51 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.62 1.59 -0.39	24.84 1.73 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	63.20 2.03 -40.21	31.10 2.03 -8.09	34.02 2.01 -10.67	34.08 2.06 -9.87	49.19 2.07 -25.32	49.85 2.51 -20.40	48.35 2.47 -18.17	43.49 2.53 -12.52	35.45 2.44 -3.31	32.91 2.55 -1.67	29.05 2.07 -5.20	26.49 1.99 -3.11
NYPA_VERNON____GT2 24162	26.05 1.73 -3.40	24.43 1.72 -1.80	23.15 1.60 -1.49	21.88 1.39 -2.16	21.60 1.35 -2.52	21.00 1.45 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.68 1.65 -0.38	24.86 1.75 -2.23	25.66 1.65 -3.61	27.21 1.83 -4.81	33.91 2.01 -10.94	31.08 2.01 -8.09	33.98 1.99 -10.65	34.06 2.04 -9.87	49.15 2.05 -25.30	49.78 2.45 -20.39	48.28 2.41 -18.15	43.44 2.47 -12.52	35.39 2.38 -3.31	32.87 2.52 -1.66	29.01 2.05 -5.18	26.41 1.90 -3.11

NYPA_VERNON____GT3 24163	26.05	24.43	23.15	21.88	21.60	21.00	20.38	21.62	22.68	24.86	25.66	27.21	33.91	31.08	33.98	34.06	49.15	49.78	48.28	43.44	35.39	32.87	29.01	26.41
	1.73	1.72	1.60	1.39	1.35	1.45	1.30	1.48	1.65	1.75	1.65	1.83	2.01	2.01	1.99	2.04	2.05	2.45	2.41	2.47	2.38	2.52	2.05	1.90
	-3.40	-1.80	-1.49	-2.16	-2.52	-0.20	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-10.94	-8.09	-10.65	-9.87	-25.30	-20.39	-18.15	-12.52	-3.31	-1.66	-5.18	-3.11
NYPA____ASTORIA_CC1 323568	26.02	24.40	23.14	21.88	21.58	21.00	20.36	21.60	22.65	24.83	25.62	27.17	29.50	31.06	33.96	34.02	49.10	49.76	48.22	43.38	35.33	32.81	28.98	26.39
	1.72	1.69	1.60	1.39	1.33	1.45	1.29	1.46	1.63	1.73	1.61	1.79	1.99	1.99	1.96	1.99	2.00	2.43	2.35	2.42	2.32	2.47	2.03	1.88
	-3.40	-1.80	-1.49	-2.16	-2.52	-0.20	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.52	-3.31	-1.66	-5.18	-3.11
NYPA____ASTORIA_CC2 323569	26.02	24.40	23.14	21.88	21.58	21.00	20.36	21.60	22.65	24.83	25.62	27.17	29.50	31.06	33.96	34.02	49.10	49.76	48.22	43.38	35.33	32.81	28.98	26.39
	1.72	1.69	1.60	1.39	1.33	1.45	1.29	1.46	1.63	1.73	1.61	1.79	1.99	1.99	1.96	1.99	2.00	2.43	2.35	2.42	2.32	2.47	2.03	1.88
	-3.40	-1.80	-1.49	-2.16	-2.52	-0.20	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.52	-3.31	-1.66	-5.18	-3.11
NYPA____HOLTSVILL 23794	36.39	32.29	29.60	26.78	26.50	26.61	26.41	27.14	29.28	32.55	38.47	44.28	49.51	82.88	133.04	143.38	141.71	219.39	143.51	132.99	132.69	85.04	47.63	36.60
	2.36	2.38	2.23	1.92	1.86	2.01	1.87	2.05	2.33	2.42	2.24	2.30	2.43	2.37	2.35	2.41	2.44	3.02	3.08	3.19	3.12	3.16	2.55	2.50
	-13.12	-8.99	-7.32	-6.52	-6.90	-5.25	-6.16	-6.34	-6.31	-9.26	-15.82	-21.41	-26.13	-59.53	-109.34	-118.82	-117.46	-189.43	-112.72	-101.36	-99.87	-53.20	-23.30	-12.70
NYPA____HELLGATE_GT1 24158	26.11	24.49	23.22	21.94	21.65	21.10	20.38	21.62	22.59	24.81	25.61	27.17	29.48	31.06	33.94	33.99	49.19	49.86	48.25	43.31	35.27	32.86	29.10	26.49
	1.80	1.78	1.68	1.45	1.40	1.55	1.30	1.48	1.57	1.71	1.59	1.79	1.97	1.99	1.94	1.97	2.09	2.53	2.38	2.36	2.26	2.52	2.14	1.99
	-3.40	-1.80	-1.49	-2.16	-2.52	-0.20	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.51	-3.31	-1.66	-5.18	-3.11
NYPA____HELLGATE_GT2 24159	26.11	24.49	23.22	21.94	21.65	21.10	20.38	21.62	22.59	24.81	25.61	27.17	29.48	31.06	33.94	33.99	49.19	49.86	48.25	43.31	35.27	32.86	29.10	26.49
	1.80	1.78	1.68	1.45	1.40	1.55	1.30	1.48	1.57	1.71	1.59	1.79	1.97	1.99	1.94	1.97	2.09	2.53	2.38	2.36	2.26	2.52	2.14	1.99
	-3.40	-1.80	-1.49	-2.16	-2.52	-0.20	-0.70	-1.38	-0.38	-2.23	-3.61	-4.81	-6.55	-8.09	-10.65	-9.87	-25.29	-20.39	-18.15	-12.51	-3.31	-1.66	-5.18	-3.11
NYS_BARGE____HYD 23848	21.16	20.91	19.78	18.06	17.57	18.74	17.75	18.11	19.54	20.06	19.75	20.10	21.25	21.61	21.80	23.12	24.60	28.92	29.08	29.13	29.16	28.23	21.94	21.87
	-0.23	-0.25	-0.48	-0.57	-0.51	-0.64	-0.72	-0.84	-1.16	-1.13	-1.16	-1.15	-0.63	-0.50	-1.00	-0.42	-0.59	-0.78	-1.14	-1.08	-1.01	-0.69	-0.57	0.04
	-0.48	-0.25	-0.21	-0.30	-0.35	-0.03	-0.10	-0.19	-0.05	-0.31	-0.51	-0.68	-0.92	-1.14	-1.46	-1.39	-3.38	-2.76	-2.51	-1.76	-0.47	-0.23	-0.73	-0.44
OAK ORCHARD____HYD 24046	21.46	21.29	20.15	18.45	17.94	19.18	18.27	18.64	20.29	20.82	20.50	20.82	21.76	22.07	22.43	23.54	24.76	29.36	29.76	29.88	30.06	29.02	22.43	22.10
	0.15	0.17	-0.08	-0.13	-0.09	-0.19	-0.18	-0.28	-0.39	-0.31	-0.33	-0.31	0.04	0.15	-0.13	0.24	0.15	0.14	-0.03	-0.03	-0.03	0.14	0.04	0.34
	-0.39	-0.21	-0.17	-0.25	-0.29	-0.02	-0.08	-0.16	-0.04	-0.26	-0.42	-0.56	-0.76	-0.94	-1.21	-1.15	-2.80	-2.28	-2.07	-1.46	-0.39	-0.19	-0.60	-0.36
OAKDALE____35_KV_LOAD 356122	22.13	21.67	20.63	19.01	18.54	19.47	18.63	19.20	20.79	21.59	21.50	22.02	23.08	23.61	24.67	25.37	29.11	32.98	33.19	32.39	31.00	29.54	23.56	22.64
	0.23	0.23	0.14	0.05	0.07	0.06	0.06	0.04	0.04	0.06	0.04	0.04	0.21	0.27	0.30	0.33	0.28	0.32	0.28	0.28	0.33	0.37	0.26	0.34
	-0.99	-0.52	-0.43	-0.63	-0.73	-0.06	-0.21	-0.40	-0.11	-0.65	-1.05	-1.41	-1.91	-2.36	-3.03	-2.88	-7.02	-5.72	-5.20	-3.66	-0.97	-0.48	-1.51	-0.91
OCC_CHEM____DRP 24175	20.92	20.67	19.56	17.89	17.41	18.49	17.54	17.80	19.19	19.69	19.44	19.74	20.94	21.30	22.05	22.78	24.29	28.45	28.51	28.54	28.52	27.63	21.55	21.50
	-0.48	-0.50	-0.70	-0.75	-0.69	-0.89	-0.94	-1.16	-1.51	-1.50	-1.49	-1.52	-0.96	-0.84	-0.79	-0.80	-0.98	-1.32	-1.77	-1.71	-1.66	-1.29	-0.98	-0.34
	-0.49	-0.26	-0.21	-0.31	-0.36	-0.03	-0.10	-0.20	-0.06	-0.32	-0.52	-0.69	-0.95	-1.17	-1.50	-1.42	-3.47	-2.82	-2.57	-1.81	-0.48	-0.24	-0.75	-0.45
OH_GEN_PROXY 24063	21.02	20.79	19.68	17.99	17.49	18.60	17.68	18.02	19.48	20.00	19.70	20.04	21.18	21.54	21.76	23.03	24.56	28.82	28.95	28.98	28.93	28.03	21.82	21.71
	-0.38	-0.38	-0.58	-0.64	-0.60	-0.77	-0.79	-0.94	-1.22	-1.19	-1.22	-1.21	-0.71	-0.59	-1.07	-0.53	-0.68	-0.92	-1.30	-1.25	-1.25	-0.89	-0.70	-0.13
	-0.48	-0.26	-0.21	-0.31	-0.36	-0.03	-0.10	-0.20	-0.05	-0.32	-0.51	-0.69	-0.93	-1.15	-1.48	-1.41	-3.43	-2.79	-2.54	-1.79	-0.47	-0.24	-0.74	-0.44
OLIN_CORP_DRP 24177	20.88	20.63	19.53	17.85	17.36	18.47	17.52	17.85	19.25	19.76	19.50	19.81	21.01	21.34	22.09	22.83	24.39	28.58	28.64	28.68	28.67	27.78	21.64	21.57
	-0.52	-0.54	-0.74	-0.79	-0.74	-0.91	-0.96	-1.11	-1.44	-1.44	-1.43	-1.46	-0.90	-0.82	-0.77	-0.75	-0.92	-1.21	-1.66	-1.59	-1.51	-1.15	-0.89	-0.28
	-0.49	-0.26	-0.22	-0.31	-0.37	-0.03	-0.10	-0.20	-0.06	-0.33	-0.53	-0.70	-0.95	-1.18	-1.51	-1.44	-3.50	-2.85	-2.59	-1.82	-0.48	-0.24	-0.75	-0.45
OLIN_CORP_DSASP 323712	20.92	20.67	19.56	17.89	17.41	18.49	17.54	17.80	19.21	19.71	19.44	19.76	20.94	21.28	21.50	22.78	24.27	28.45	28.56	28.57	28.55	27.69	21.55	21.50
	-0.48	-0.50	-0.70	-0.75	-0.69	-0.89	-0.94	-1.16	-1.49	-1.48	-1.49	-1.50	-0.96	-0.86	-1.34	-0.80	-1.00	-1.32	-1.72	-1.68	-1.63	-1.23	-0.98	-0.34
	-0.49	-0.26	-0.21	-0.31	-0.36	-0.03	-0.10	-0.20	-0.06	-0.32	-0.52	-0.69	-0.95	-1.17	-1.50	-1.42	-3.47	-2.82	-2.57	-1.81	-0.48	-0.24	-0.75	-0.45
ONEIDA_HERK_LFGE 323681	21.19	21.18	20.26	18.51	17.90	19.55	18.54	18.94	20.78	21.09	20.58	20.76	21.20	21.27	21.67	22.57	22.67	27.85	28.69	29.35	30.34	29.19	22.21	21.75
	0.17	0.21	0.16	0.11	0.09	0.19	0.15	0.13	0.12	0.15	0.06	0.04	0.04	0.04	0.00	0.11	0.11	0.30	0.42	0.51	0.54	0.46	0.26	0.26
	-0.11	-0.06	-0.05	-0.07	-0.08	-0.01	-0.02	-0.04	-0.01	-0.07	-0.11	-0.15	-0.21	-0.25	-0.33	-0.31	-0.75	-0.61	-0.56	-0.39	-0.10	-0.05	-0.16	-0.10
ONEIDA____115KV_TB4 55905	21.54	21.47	20.54	18.76	18.14	19.75	18.74	19.16	20.99	21.35	20.93	21.15	21.70	21.85	22.36	23.22	23.64	28.67	29.44	29.95	30.75	29.55	22.60	22.11
	0.44	0.46	0.40	0.31	0.27	0.39	0.33	0.32	0.33	0.35	0.33	0.31	0.38	0.42	0.43	0.51	0.48	0.62	0.72	0.80	0.86	0.77	0.52	0.53
	-0.19	-0.10	-0.08	-0.12	-0.14	-0.01	-0.04	-0.08	-0.02	-0.13	-0.20	-0.27	-0.37	-0.46	-0.58	-0.56	-1.36	-1.10	-1.00	-0.71	-0.19	-0.09	-0.29	-0.17

ONONDAGA_REF_OCCRA 23987	21.27 0.00 -0.35	21.10 0.00 -0.19	20.15 -0.06 -0.15	18.46 -0.09 -0.22	17.91 -0.09 -0.26	19.28 -0.10 -0.02	18.37 -0.07 -0.07	18.81 -0.09 -0.14	20.58 -0.10 -0.04	21.04 -0.06 -0.23	20.72 -0.06 -0.38	20.97 -0.10 -0.50	21.64 0.00 -0.68	21.86 0.04 -0.84	22.51 0.09 -1.08	23.29 0.11 -1.03	24.38 0.07 -2.51	29.01 0.03 -2.04	29.57 0.00 -1.86	29.69 -0.06 -1.31	30.02 -0.03 -0.35	28.83 -0.03 -0.17	22.30 -0.02 -0.54	21.74 0.02 -0.32
ONONDAGA___COGEN 23986	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 -0.04 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.02 -0.02 -0.47	21.68 0.08 -0.64	21.89 0.13 -0.79	22.53 0.17 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.13 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.90 0.06 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
ONTARIO___LFGE 23819	21.67 0.29 -0.46	21.45 0.29 -0.24	20.35 0.10 -0.20	18.64 0.02 -0.29	18.09 0.02 -0.34	19.44 0.06 -0.03	18.54 0.07 -0.10	18.95 0.00 -0.19	20.65 -0.04 -0.05	21.17 0.00 -0.30	20.87 -0.02 -0.49	21.20 -0.02 -0.65	22.08 0.23 -0.89	22.37 0.29 -1.10	22.90 0.15 -1.41	23.93 0.44 -1.34	25.46 0.39 -3.26	30.14 0.54 -2.66	30.65 0.53 -2.42	30.60 0.45 -1.70	30.69 0.54 -0.45	29.48 0.57 -0.22	22.83 0.35 -0.70	22.29 0.47 -0.42
ORANGEVILLE_WT_PWR 323706	21.33 -0.17 -0.58	21.03 -0.19 -0.31	19.95 -0.36 -0.26	18.26 -0.44 -0.37	17.78 -0.39 -0.43	18.94 -0.44 -0.03	17.96 -0.53 -0.12	18.36 -0.64 -0.24	19.84 -0.87 -0.07	20.40 -0.86 -0.39	20.13 -0.90 -0.62	20.52 -0.88 -0.83	21.61 -0.48 -1.13	22.00 -0.38 -1.40	22.37 -0.77 -1.79	23.59 -0.26 -1.70	25.58 -0.37 -4.15	29.84 -0.48 -3.38	30.09 -0.69 -3.07	30.01 -0.60 -2.16	29.74 -0.53 -0.57	28.68 -0.29 -0.29	22.42 -0.26 -0.89	22.14 0.21 -0.54
ORANGEVILLE___ESR 323794	21.33 -0.17 -0.58	21.03 -0.19 -0.31	19.95 -0.36 -0.26	18.26 -0.44 -0.37	17.78 -0.39 -0.43	18.94 -0.44 -0.03	17.96 -0.53 -0.12	18.36 -0.64 -0.24	19.84 -0.87 -0.07	20.40 -0.86 -0.39	20.13 -0.90 -0.62	20.52 -0.88 -0.83	21.61 -0.48 -1.13	22.00 -0.38 -1.40	22.37 -0.77 -1.79	23.59 -0.26 -1.70	25.58 -0.37 -4.15	29.84 -0.48 -3.38	30.09 -0.69 -3.07	30.01 -0.60 -2.16	29.74 -0.53 -0.57	28.68 -0.29 -0.29	22.42 -0.26 -0.89	22.14 0.21 -0.54
OSWEGATCHIE___HYD 24044	20.10 -0.90 -0.09	20.10 -0.86 -0.05	19.23 -0.86 -0.04	17.67 -0.72 -0.06	17.13 -0.67 -0.07	18.66 -0.70 0.00	17.69 -0.70 -0.02	18.08 -0.71 -0.04	19.74 -0.91 -0.01	19.99 -0.94 -0.06	19.50 -1.00 -0.09	19.67 -1.03 -0.13	19.95 -1.17 -0.17	19.97 -1.22 -0.21	20.42 -1.20 -0.27	21.17 -1.24 -0.26	21.30 -1.13 -0.63	26.27 -1.18 -0.51	27.15 -1.02 -0.46	27.80 -0.97 -0.33	28.78 -1.01 -0.09	27.61 -1.12 -0.04	21.00 -0.91 -0.13	20.51 -0.96 -0.08
OSWEGO___5 23606	20.85 -0.31 -0.25	20.75 -0.29 -0.13	19.82 -0.34 -0.11	18.16 -0.33 -0.16	17.60 -0.32 -0.18	19.02 -0.35 -0.01	18.09 -0.33 -0.05	18.50 -0.36 -0.10	20.26 -0.41 -0.03	20.66 -0.38 -0.16	20.30 -0.37 -0.26	20.51 -0.41 -0.35	21.08 -0.36 -0.48	21.23 -0.34 -0.59	21.70 -0.41 -0.76	22.54 -0.33 -0.72	23.22 -0.35 -1.77	27.95 -0.43 -1.44	28.52 -0.50 -1.31	28.85 -0.51 -0.92	29.41 -0.53 -0.24	28.32 -0.49 -0.12	21.77 -0.39 -0.38	21.28 -0.34 -0.23
OSWEGO___6 23613	20.85 -0.31 -0.25	20.75 -0.29 -0.13	19.82 -0.34 -0.11	18.16 -0.33 -0.16	17.60 -0.32 -0.18	19.02 -0.35 -0.01	18.09 -0.33 -0.05	18.50 -0.36 -0.10	20.26 -0.41 -0.03	20.66 -0.38 -0.16	20.30 -0.37 -0.26	20.51 -0.41 -0.35	21.08 -0.36 -0.48	21.23 -0.34 -0.59	21.70 -0.41 -0.76	22.54 -0.33 -0.72	23.22 -0.35 -1.77	27.95 -0.43 -1.44	28.52 -0.50 -1.31	28.85 -0.51 -0.92	29.41 -0.53 -0.24	28.32 -0.49 -0.12	21.77 -0.39 -0.38	21.28 -0.34 -0.23
OUTOKUMPU-AB___DRP 24206	21.33 -0.08 -0.50	21.07 -0.10 -0.26	19.95 -0.32 -0.22	18.21 -0.44 -0.32	17.73 -0.37 -0.37	18.88 -0.50 -0.03	17.87 -0.61 -0.10	18.21 -0.75 -0.20	19.62 -1.07 -0.06	20.14 -1.06 -0.33	19.87 -1.06 -0.53	20.21 -1.07 -0.71	21.42 -0.50 -0.96	21.77 -0.40 -1.19	22.55 -0.32 -1.52	23.31 -0.29 -1.45	24.88 -0.46 -3.53	29.15 -0.67 -2.88	29.25 -1.08 -2.62	29.29 -1.00 -1.84	29.30 -0.89 -0.49	28.35 -0.57 -0.24	22.09 -0.46 -0.76	22.00 0.15 -0.46
OXBOW____ 24026	21.18 -0.23 -0.49	20.92 -0.25 -0.26	19.81 -0.46 -0.22	18.09 -0.55 -0.31	17.60 -0.50 -0.37	18.74 -0.64 -0.03	17.74 -0.74 -0.10	18.06 -0.90 -0.20	19.46 -1.24 -0.06	19.99 -1.21 -0.32	19.71 -1.22 -0.53	20.06 -1.21 -0.70	21.22 -0.69 -0.95	21.59 -0.57 -1.18	21.79 -1.07 -1.51	23.10 -0.49 -1.44	24.63 -0.68 -3.50	28.88 -0.92 -2.85	29.00 -1.30 -2.59	29.05 -1.22 -1.82	29.00 -1.19 -0.48	28.09 -0.83 -0.24	21.88 -0.65 -0.75	21.83 -0.02 -0.45
OXY_CHEM_DSASP 323612	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.19 -1.51 -0.06	19.69 -1.50 -0.32	19.44 -1.49 -0.52	19.74 -1.52 -0.69	20.94 -0.96 -0.95	21.30 -0.84 -1.17	22.05 -0.79 -1.50	22.78 -0.80 -1.42	24.29 -0.98 -3.47	28.45 -1.32 -2.82	28.51 -1.77 -2.57	28.54 -1.71 -1.81	28.52 -1.66 -0.48	27.63 -1.29 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
OZONE_PARK_ESR 323760	26.14 1.84 -3.39	24.50 1.80 -1.79	23.24 1.70 -1.48	21.97 1.48 -2.15	21.66 1.42 -2.51	21.07 1.53 -0.19	20.49 1.41 -0.70	21.75 1.61 -1.38	22.86 1.84 -0.38	25.02 1.92 -2.23	25.83 1.82 -3.61	27.42 2.04 -4.81	29.66 2.16 -6.55	31.29 2.22 -8.09	34.26 2.26 -10.65	34.26 2.24 -9.87	49.38 2.29 -25.29	50.11 2.78 -20.39	48.63 2.77 -18.15	43.78 2.82 -12.52	35.69 2.67 -3.31	33.12 2.78 -1.66	29.12 2.16 -5.18	26.51 2.01 -3.10
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.19 -1.51 -0.06	19.69 -1.50 -0.32	19.44 -1.49 -0.52	19.74 -1.52 -0.69	20.94 -0.96 -0.95	21.30 -0.84 -1.17	22.05 -0.79 -1.50	22.78 -0.80 -1.42	24.29 -0.98 -3.47	28.45 -1.32 -2.82	28.51 -1.77 -2.57	28.54 -1.71 -1.81	28.52 -1.66 -0.48	27.63 -1.29 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
PACKARD___115KV_DUPONT_184 80571	20.92 -0.48 -0.49	20.67 -0.50 -0.26	19.56 -0.70 -0.21	17.89 -0.75 -0.31	17.41 -0.69 -0.36	18.49 -0.89 -0.03	17.54 -0.94 -0.10	17.80 -1.16 -0.20	19.19 -1.51 -0.06	19.69 -1.50 -0.32	19.44 -1.49 -0.52	19.74 -1.52 -0.69	20.94 -0.96 -0.95	21.30 -0.84 -1.17	22.05 -0.79 -1.50	22.78 -0.80 -1.42	24.29 -0.98 -3.47	28.45 -1.32 -2.82	28.51 -1.77 -2.57	28.54 -1.71 -1.81	28.52 -1.66 -0.48	27.63 -1.29 -0.24	21.55 -0.98 -0.75	21.50 -0.34 -0.45
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.11 1.80 -3.40	24.47 1.76 -1.80	23.20 1.66 -1.49	21.92 1.43 -2.16	21.63 1.38 -2.52	21.06 1.51 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.59 1.57 -0.38	24.77 1.67 -2.23	25.58 1.57 -3.61	27.21 1.83 -4.81	29.45 1.95 -6.55	31.10 2.03 -8.09	34.04 2.05 -10.65	33.90 1.88 -9.87	49.15 2.05 -25.29	49.78 2.45 -20.39	48.19 2.33 -18.15	43.27 2.30 -12.52	35.21 2.20 -3.31	32.95 2.61 -1.66	29.06 2.09 -5.18	26.47 1.97 -3.11

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.40 2.09 -3.40	24.78 2.07 -1.80	23.50 1.97 -1.49	22.18 1.69 -2.16	21.76 1.51 -2.52	21.31 1.76 -0.20	20.56 1.49 -0.70	21.85 1.71 -1.38	22.80 1.78 -0.38	25.02 1.92 -2.23	25.81 1.80 -3.61	27.44 2.06 -4.81	29.71 2.20 -6.55	31.35 2.29 -8.09	34.30 2.31 -10.65	34.15 2.13 -9.87	49.41 2.31 -25.29	50.13 2.80 -20.39	48.49 2.63 -18.15	43.61 2.65 -12.52	35.54 2.52 -3.31	33.26 2.93 -1.66	29.32 2.35 -5.18	26.73 2.23 -3.11
PATROON__115KV_TB1 80586	26.02 0.71 -4.39	23.92 0.69 -2.32	22.63 0.66 -1.92	21.73 0.60 -2.79	21.57 0.59 -3.25	20.24 0.64 -0.25	19.91 0.62 -0.91	21.15 0.60 -1.79	21.84 0.70 -0.50	24.50 0.73 -2.89	25.84 0.75 -4.68	27.66 0.84 -6.24	30.33 0.88 -8.49	32.37 0.90 -10.49	35.40 0.92 -13.13	35.93 0.97 -12.80	52.53 0.94 -29.79	52.59 1.16 -24.48	51.57 1.16 -22.70	45.87 1.19 -16.23	35.28 1.28 -4.29	32.04 1.20 -2.15	29.39 0.89 -6.71	26.25 0.83 -4.02
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.02 -0.44 -0.54	20.74 -0.46 -0.29	19.63 -0.66 -0.24	17.92 -0.75 -0.35	17.45 -0.69 -0.40	18.65 -0.74 -0.03	17.60 -0.88 -0.11	18.02 -0.96 -0.22	19.46 -1.24 -0.06	20.00 -1.23 -0.36	19.76 -1.22 -0.58	20.11 -1.23 -0.77	21.27 -0.73 -1.05	21.66 -0.61 -1.30	22.45 -0.56 -1.66	23.22 -0.51 -1.58	24.98 -0.68 -3.85	29.19 -0.89 -3.14	29.32 -1.25 -2.85	29.28 -1.17 -2.01	29.14 -1.10 -0.53	28.15 -0.80 -0.27	21.96 -0.65 -0.83	21.74 -0.15 -0.50
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.88 1.53 -3.44	24.26 1.53 -1.82	23.00 1.44 -1.50	21.78 1.26 -2.19	21.45 1.17 -2.54	20.86 1.32 -0.19	20.30 1.21 -0.72	21.49 1.33 -1.40	22.58 1.55 -0.39	24.87 1.73 -2.26	25.76 1.69 -3.66	27.31 1.85 -4.88	29.59 1.99 -6.65	31.24 2.06 -8.21	34.22 2.11 -10.76	34.32 2.15 -10.02	49.41 2.14 -25.47	50.17 2.67 -20.56	48.79 2.72 -18.36	43.94 2.79 -12.70	35.68 2.61 -3.36	32.97 2.61 -1.68	28.95 1.92 -5.25	26.23 1.69 -3.15
PEEKSKILL____ 23653	25.66 1.40 -3.34	24.06 1.38 -1.77	22.81 1.30 -1.46	21.59 1.14 -2.13	21.29 1.08 -2.47	20.72 1.18 -0.19	20.17 1.10 -0.70	21.36 1.24 -1.36	22.44 1.42 -0.38	24.58 1.50 -2.20	25.39 1.43 -3.56	26.88 1.56 -4.75	29.11 1.70 -6.46	30.68 1.72 -7.98	33.58 1.73 -10.50	33.68 1.79 -9.74	48.55 1.81 -24.94	49.23 2.18 -20.11	47.83 2.22 -17.90	43.04 2.25 -12.35	35.14 2.17 -3.27	32.47 2.15 -1.63	28.57 1.68 -5.11	26.00 1.54 -3.06
PGE MADISON__WINDPWR 24146	23.45 1.61 -0.93	23.12 1.72 -0.49	21.96 1.50 -0.41	20.17 1.25 -0.59	19.58 1.15 -0.69	20.91 1.51 -0.05	19.92 1.36 -0.19	20.45 1.31 -0.38	22.11 1.36 -0.11	22.86 1.38 -0.61	22.66 1.27 -0.99	23.19 1.30 -1.32	24.18 1.43 -1.80	24.69 1.49 -2.22	25.56 1.37 -2.85	26.59 1.73 -2.71	30.09 1.68 -6.61	34.50 2.18 -5.38	35.07 2.47 -4.89	34.64 2.76 -3.44	33.53 2.91 -0.91	31.81 2.67 -0.46	25.06 1.85 -1.42	24.09 1.84 -0.85
PIERCEFIELD__HYD 23852	19.80 -1.11 0.00	19.83 -1.09 0.00	19.01 -1.04 0.00	17.54 -0.79 0.00	16.94 -0.80 0.00	18.54 -0.81 0.00	17.60 -0.77 0.00	17.99 -0.77 0.00	19.65 -0.99 0.00	19.83 -1.04 0.00	19.36 -1.04 0.00	19.50 -1.07 0.00	19.68 -1.28 0.00	19.63 -1.34 0.00	19.92 -1.43 0.00	20.69 -1.46 0.00	20.50 -1.31 0.00	25.43 -1.51 0.00	26.35 -1.36 0.00	27.08 -1.37 0.00	28.25 -1.46 0.00	27.11 -1.58 0.00	20.56 -1.22 0.00	20.11 -1.28 0.00
PINELAWN_CC_1 323563	35.79 2.24 -12.64	32.14 2.24 -8.99	29.46 2.09 -7.32	26.69 1.83 -6.52	26.41 1.77 -6.90	26.52 1.92 -5.25	26.32 1.78 -6.16	27.03 1.93 -6.34	29.14 2.19 -6.31	32.39 2.25 -9.26	37.51 2.10 -15.01	44.20 2.22 -21.41	49.45 2.37 -26.13	58.81 2.33 -35.51	48.61 2.13 -25.13	52.07 2.13 -27.79	56.59 2.16 -32.62	58.97 2.67 -29.36	54.24 2.74 -23.78	49.26 2.93 -17.88	42.11 2.88 -9.53	39.27 3.18 -7.40	39.78 2.53 -15.47	36.46 2.44 -12.62
PJM_GEN_HTP_PROXY 323702	25.89 1.59 -3.39	24.27 1.57 -1.79	22.99 1.46 -1.48	21.77 1.28 -2.15	21.45 1.21 -2.51	20.88 1.33 -0.19	20.31 1.23 -0.70	21.55 1.41 -1.38	22.64 1.61 -0.38	24.79 1.69 -2.23	25.61 1.59 -3.61	27.13 1.75 -4.81	29.41 1.91 -6.55	30.97 1.91 -8.09	33.94 1.94 -10.65	34.01 1.99 -9.87	49.10 2.00 -25.29	49.76 2.43 -20.39	48.27 2.41 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.72 2.38 -1.66	28.85 1.89 -5.18	26.25 1.75 -3.10
PJM_GEN_KEystone 24065	23.44 0.48 -2.05	22.47 0.48 -1.08	21.31 0.36 -0.89	19.85 0.22 -1.30	19.48 0.23 -1.51	19.70 0.23 -0.11	18.98 0.18 -0.43	19.80 0.21 -0.83	21.10 0.23 -0.23	22.47 0.25 -1.35	22.79 0.20 -2.18	23.76 0.29 -2.90	25.45 0.54 -3.95	26.45 0.59 -4.88	28.18 0.43 -6.40	28.77 0.66 -5.96	37.55 0.59 -15.16	39.85 0.67 -12.24	39.19 0.55 -10.93	36.60 0.60 -7.56	32.30 0.59 -2.00	30.37 0.69 -1.00	25.45 0.54 -3.12	23.93 0.66 -1.87
PJM_GEN_NEPTUNE_PROXY 323594	35.34 1.82 -12.61	31.72 1.82 -8.99	29.08 1.70 -7.32	26.36 1.50 -6.52	26.09 1.45 -6.90	26.17 1.57 -5.25	26.00 1.47 -6.16	26.71 1.61 -6.34	28.79 1.84 -6.31	32.03 1.90 -9.26	37.13 1.77 -14.95	43.87 1.89 -21.41	49.12 2.03 -26.13	56.94 2.01 -33.94	45.64 2.01 -22.29	48.96 2.08 -24.73	53.69 2.11 -29.77	50.29 2.56 -20.78	48.50 2.63 -18.15	43.60 2.70 -12.46	35.95 2.58 -3.66	35.72 2.61 -4.42	37.61 2.11 -13.71	36.03 2.01 -12.62
PJM_GEN_VFT_PROXY 323633	25.85 1.55 -3.39	24.21 1.51 -1.79	22.96 1.42 -1.48	21.69 1.21 -2.15	21.39 1.15 -2.51	20.80 1.26 -0.19	20.25 1.18 -0.70	21.51 1.37 -1.38	22.59 1.57 -0.38	24.77 1.67 -2.23	25.56 1.55 -3.61	27.09 1.71 -4.81	29.39 1.89 -6.55	30.95 1.89 -8.09	33.89 1.90 -10.65	33.95 1.93 -9.87	49.04 1.94 -25.29	49.67 2.34 -20.39	48.19 2.33 -18.15	43.32 2.36 -12.52	35.27 2.26 -3.31	32.69 2.35 -1.66	28.81 1.85 -5.18	26.19 1.69 -3.10
PLATSBRG_115KV_PMLD1 355749	20.64 -0.27 0.00	20.66 -0.25 0.00	19.75 -0.30 0.00	18.13 -0.20 0.00	17.58 -0.16 0.00	19.12 -0.23 0.00	18.17 -0.20 0.00	18.59 -0.17 0.00	20.44 -0.21 0.00	20.60 -0.27 0.00	20.10 -0.31 0.00	20.22 -0.35 0.00	20.31 -0.65 0.00	20.14 -0.84 0.00	20.39 -0.96 0.00	21.13 -1.02 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.08 -0.37 0.00	29.32 -0.39 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.80 -0.60 0.00
PLEASANTVLY__LBMP 24000	25.74 1.25 -3.58	24.06 1.25 -1.89	22.80 1.18 -1.56	21.65 1.04 -2.27	21.38 0.99 -2.65	20.64 1.08 -0.20	20.13 1.01 -0.74	21.32 1.11 -1.46	22.35 1.30 -0.40	24.56 1.34 -2.35	25.48 1.27 -3.81	27.07 1.42 -5.08	29.38 1.51 -6.91	31.04 1.53 -8.54	34.17 1.56 -11.26	34.14 1.57 -10.42	50.18 1.57 -26.81	50.45 1.91 -21.59	48.81 1.91 -19.19	43.62 1.96 -13.21	35.10 1.90 -3.49	32.35 1.92 -1.75	28.75 1.50 -5.46	26.08 1.41 -3.27
PLSNTVLE_13_KV_13.8KVDIST 80602	25.82 1.48 -3.42	24.18 1.46 -1.81	22.93 1.38 -1.49	21.71 1.21 -2.18	21.44 1.17 -2.53	20.80 1.26 -0.19	20.26 1.18 -0.71	21.47 1.31 -1.39	22.53 1.51 -0.39	24.69 1.57 -2.25	25.54 1.49 -3.64	27.12 1.69 -4.86	29.37 1.80 -6.61	30.97 1.82 -8.17	34.00 1.90 -10.75	34.02 1.90 -9.97	49.28 1.94 -25.54	49.87 2.34 -20.59	48.39 2.36 -18.33	43.50 2.42 -12.64	35.33 2.29 -3.34	32.68 2.32 -1.67	28.79 1.79 -5.23	26.19 1.67 -3.13

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.82 1.48 -3.42	24.18 1.46 -1.81	22.93 1.38 -1.49	21.71 1.21 -2.18	21.44 1.17 -2.53	20.80 1.26 -0.19	20.26 1.18 -0.71	21.47 1.31 -1.39	22.53 1.51 -0.39	24.69 1.57 -2.25	25.54 1.49 -3.64	27.12 1.69 -4.86	29.37 1.80 -6.61	30.97 1.82 -8.17	34.00 1.90 -10.75	34.02 1.90 -9.97	49.28 1.94 -25.54	49.87 2.34 -20.59	48.39 2.36 -18.33	43.50 2.42 -12.64	35.33 2.29 -3.34	32.68 2.32 -1.67	28.79 1.79 -5.23	26.19 1.67 -3.13
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.78 1.38 -3.49	24.11 1.36 -1.84	22.88 1.30 -1.52	21.68 1.14 -2.22	21.40 1.08 -2.58	20.75 1.20 -0.20	20.20 1.10 -0.73	21.38 1.20 -1.42	22.44 1.40 -0.39	24.61 1.44 -2.30	25.49 1.37 -3.71	27.05 1.52 -4.95	29.33 1.63 -6.74	30.98 1.68 -8.33	33.65 1.71 -10.59	34.06 1.75 -10.16	47.96 1.77 -24.39	49.01 2.16 -19.92	48.15 2.22 -18.22	43.61 2.28 -12.89	35.31 2.20 -3.41	32.60 2.21 -1.71	28.79 1.68 -5.33	26.15 1.56 -3.19
POLETTI____ 23519	25.91 1.61 -3.39	24.27 1.57 -1.79	23.02 1.48 -1.48	21.77 1.28 -2.15	21.47 1.22 -2.51	20.88 1.34 -0.19	20.31 1.23 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.79 1.69 -2.23	25.60 1.59 -3.61	27.17 1.79 -4.81	29.41 1.91 -6.55	31.04 1.97 -8.09	33.98 1.99 -10.65	33.99 1.97 -9.87	49.10 2.01 -25.29	49.73 2.40 -20.39	48.25 2.38 -18.15	43.41 2.45 -12.52	35.33 2.32 -3.31	32.78 2.44 -1.66	28.85 1.90 -5.18	26.25 1.75 -3.10
POMONA____ESR 323819	25.50 1.36 -3.23	23.98 1.36 -1.71	22.75 1.28 -1.41	21.50 1.12 -2.05	21.19 1.06 -2.39	20.69 1.16 -0.18	20.13 1.08 -0.67	21.28 1.20 -1.32	22.43 1.42 -0.36	24.46 1.46 -2.13	25.23 1.39 -3.44	26.68 1.52 -4.59	28.86 1.66 -6.25	30.37 1.68 -7.71	33.20 1.71 -10.14	33.34 1.77 -9.41	47.63 1.77 -24.07	48.48 2.13 -19.41	47.17 2.16 -17.29	42.60 2.22 -11.94	34.97 2.11 -3.16	32.36 2.09 -1.58	28.37 1.65 -4.94	25.87 1.52 -2.96
PORT_JEFF_3 23555	36.45 2.40 -13.14	32.33 2.42 -8.99	29.62 2.25 -7.32	26.80 1.94 -6.52	26.52 1.88 -6.90	26.63 2.03 -5.25	26.43 1.89 -6.16	27.16 2.06 -6.34	29.30 2.35 -6.31	32.59 2.46 -9.26	38.54 2.28 -15.85	44.26 2.28 -21.41	49.49 2.41 -26.13	83.87 2.29 -60.61	136.56 2.22 -112.99	147.15 2.24 -122.76	145.23 2.29 -121.14	226.27 2.80 -196.52	147.27 2.85 -116.70	136.56 3.01 -105.10	136.56 2.94 -103.91	86.98 3.04 -55.25	47.83 2.50 -23.54	36.64 2.54 -12.70
PORT_JEFF_4 23616	36.45 2.40 -13.14	32.33 2.42 -8.99	29.62 2.25 -7.32	26.80 1.94 -6.52	26.52 1.88 -6.90	26.63 2.03 -5.25	26.43 1.89 -6.16	27.16 2.06 -6.34	29.30 2.35 -6.31	32.59 2.46 -9.26	38.54 2.28 -15.85	44.26 2.28 -21.41	49.49 2.41 -26.13	83.87 2.29 -60.61	136.56 2.22 -112.99	147.15 2.24 -122.76	145.23 2.29 -121.14	226.27 2.80 -196.52	147.27 2.85 -116.70	136.56 3.01 -105.10	136.56 2.94 -103.91	86.98 3.04 -55.25	47.83 2.50 -23.54	36.64 2.54 -12.70
PORT_JEFF_IC 23713	36.62 2.49 -13.22	32.39 2.49 -8.99	29.68 2.31 -7.32	26.85 2.00 -6.52	26.59 1.95 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.37 2.41 -6.31	32.66 2.52 -9.26	38.76 2.37 -15.98	44.38 2.41 -21.41	49.62 2.53 -26.13	87.92 2.35 -64.59	150.17 2.31 -126.51	161.88 2.35 -137.38	158.94 2.38 -134.76	252.60 2.91 -222.75	157.13 2.97 -126.45	150.48 3.10 -118.94	151.62 3.03 -118.89	94.62 3.10 -62.84	48.75 2.63 -24.33	36.74 2.63 -12.71
PPL PILGRIM_ST_GT1 24216	36.08 2.45 -12.73	32.35 2.45 -8.99	29.66 2.29 -7.32	26.85 2.00 -6.52	26.57 1.93 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.34 2.39 -6.31	32.62 2.48 -9.26	37.85 2.28 -15.16	44.36 2.39 -21.41	49.62 2.53 -26.13	63.26 2.33 -39.96	64.41 2.33 -40.73	69.22 2.41 -44.66	72.59 2.44 -48.34	88.94 2.99 -59.01	71.01 3.05 -40.25	64.94 3.16 -33.34	59.05 3.09 -26.26	47.80 3.24 -15.88	50.42 2.66 -25.98	36.62 2.59 -12.64
PPL PILGRIM_ST_GT2 24217	36.08 2.45 -12.73	32.35 2.45 -8.99	29.66 2.29 -7.32	26.85 2.00 -6.52	26.57 1.93 -6.90	26.69 2.09 -5.25	26.48 1.95 -6.16	27.22 2.12 -6.34	29.34 2.39 -6.31	32.62 2.48 -9.26	37.85 2.28 -15.16	44.36 2.39 -21.41	49.62 2.53 -26.13	63.26 2.33 -39.96	64.41 2.33 -40.73	69.22 2.41 -44.66	72.59 2.44 -48.34	88.94 2.99 -59.01	71.01 3.05 -40.25	64.94 3.16 -33.34	59.05 3.09 -26.26	47.80 3.24 -15.88	50.42 2.66 -25.98	36.62 2.59 -12.64
PPL_SHRM_GT3 24213	36.84 2.78 -13.15	32.68 2.78 -8.99	29.94 2.57 -7.32	27.07 2.22 -6.52	26.76 2.13 -6.90	26.92 2.32 -5.25	26.68 2.15 -6.16	27.44 2.34 -6.34	29.62 2.66 -6.31	32.91 2.78 -9.26	38.89 2.61 -15.87	44.69 2.72 -21.41	49.96 2.87 -26.13	84.93 2.85 -61.10	138.80 2.84 -114.62	149.66 2.99 -124.52	147.59 3.01 -122.77	230.38 3.72 -199.72	167.41 3.80 -135.90	139.17 3.93 -106.80	139.32 3.86 -105.75	88.71 3.84 -56.19	48.48 3.01 -23.69	37.03 2.93 -12.70
PPL_SHRM_GT4 24214	36.84 2.78 -13.15	32.68 2.78 -8.99	29.94 2.57 -7.32	27.07 2.22 -6.52	26.76 2.13 -6.90	26.92 2.32 -5.25	26.68 2.15 -6.16	27.44 2.34 -6.34	29.62 2.66 -6.31	32.91 2.78 -9.26	38.89 2.61 -15.87	44.69 2.72 -21.41	49.96 2.87 -26.13	84.93 2.85 -61.10	138.80 2.84 -114.62	149.66 2.99 -124.52	147.59 3.01 -122.77	230.38 3.72 -199.72	167.41 3.80 -135.90	139.17 3.93 -106.80	139.32 3.86 -105.75	88.71 3.84 -56.19	48.48 3.01 -23.69	37.03 2.93 -12.70
PROJECT___ORANGE 1 24174	21.16 -0.04 -0.29	21.03 -0.04 -0.15	20.06 -0.12 -0.13	18.39 -0.13 -0.19	17.83 -0.12 -0.22	19.23 -0.14 -0.02	18.32 -0.11 -0.06	18.75 -0.13 -0.12	20.51 -0.17 -0.03	20.96 -0.10 -0.19	20.61 -0.10 -0.31	20.84 -0.14 -0.42	21.48 -0.04 -0.56	21.67 0.00 -0.70	22.28 0.04 -0.89	23.05 0.04 -0.85	23.88 0.00 -2.07	28.55 -0.08 -1.69	29.14 -0.11 -1.54	29.35 -0.17 -1.08	29.81 -0.18 -0.29	28.68 -0.14 -0.14	22.12 -0.11 -0.45	21.62 -0.04 -0.27
PROJECT___ORANGE 2 24166	21.16 -0.04 -0.29	21.03 -0.04 -0.15	20.06 -0.12 -0.13	18.39 -0.13 -0.19	17.83 -0.12 -0.22	19.23 -0.14 -0.02	18.32 -0.11 -0.06	18.75 -0.13 -0.12	20.51 -0.17 -0.03	20.96 -0.10 -0.19	20.61 -0.10 -0.31	20.84 -0.14 -0.42	21.48 -0.04 -0.56	21.67 0.00 -0.70	22.28 0.04 -0.89	23.05 0.04 -0.85	23.88 0.00 -2.07	28.55 -0.08 -1.69	29.14 -0.11 -1.54	29.35 -0.17 -1.08	29.81 -0.18 -0.29	28.68 -0.14 -0.14	22.12 -0.11 -0.45	21.62 -0.04 -0.27
PUCKETT___SOLAR 323809	22.49 0.56 -1.01	22.03 0.58 -0.53	20.96 0.46 -0.44	19.32 0.35 -0.64	18.82 0.34 -0.75	19.83 0.43 -0.06	18.95 0.37 -0.21	19.51 0.34 -0.41	21.07 0.31 -0.11	21.83 0.29 -0.67	21.69 0.20 -1.08	22.23 0.23 -1.44	23.27 0.36 -1.96	23.81 0.42 -2.41	24.74 0.30 -3.09	25.65 0.55 -2.95	29.50 0.52 -7.18	33.49 0.70 -5.84	33.80 0.77 -5.31	33.06 0.88 -3.74	31.67 0.98 -0.99	30.12 0.95 -0.49	23.98 0.65 -1.55	23.03 0.70 -0.93
PYRITES___HYD 24023	20.29 -0.63 0.00	20.33 -0.59 0.00	19.47 -0.58 0.00	17.96 -0.37 0.00	17.27 -0.46 0.00	19.00 -0.35 0.00	18.00 -0.37 0.00	18.40 -0.36 0.00	20.11 -0.54 0.00	20.29 -0.58 0.00	19.81 -0.59 0.00	19.97 -0.60 0.00	20.14 -0.82 0.00	20.12 -0.86 0.00	20.43 -0.92 0.00	21.22 -0.93 0.00	21.00 -0.81 0.00	26.05 -0.89 0.00	27.02 -0.69 0.00	27.82 -0.63 0.00	29.02 -0.68 0.00	27.82 -0.86 0.00	21.09 -0.70 0.00	20.60 -0.79 0.00

QUAKERRD_115KV_BK1 80622	20.89 -0.40 -0.38	20.71 -0.40 -0.20	19.66 -0.56 -0.16	18.00 -0.57 -0.24	17.48 -0.53 -0.28	18.75 -0.62 -0.02	17.86 -0.59 -0.08	18.24 -0.68 -0.15	19.88 -0.81 -0.04	20.39 -0.73 -0.25	20.07 -0.73 -0.40	20.35 -0.76 -0.54	21.22 -0.46 -0.73	21.50 -0.38 -0.90	22.20 -0.30 -1.15	22.91 -0.33 -1.10	24.08 -0.39 -2.67	28.61 -0.51 -2.18	29.00 -0.69 -1.98	29.10 -0.74 -1.39	29.30 -0.77 -0.37	28.24 -0.63 -0.18	21.84 -0.52 -0.58	21.46 -0.28 -0.34
QUENSBRY_115KV_TB8 356137	26.63 1.19 -4.52	24.45 1.15 -2.39	23.05 1.02 -1.97	22.12 0.92 -2.87	22.06 0.98 -3.35	20.61 1.01 -0.25	20.28 0.97 -0.94	21.56 0.96 -1.84	22.31 1.16 -0.51	25.04 1.19 -2.98	26.32 1.10 -4.81	28.10 1.11 -6.42	30.83 1.13 -8.74	32.92 1.15 -10.79	36.02 1.17 -13.50	36.56 1.24 -13.17	53.84 1.44 -30.60	53.93 1.83 -25.16	52.93 1.88 -23.33	47.13 1.99 -16.69	36.53 2.41 -4.42	33.01 2.12 -2.21	30.15 1.46 -6.90	26.86 1.33 -4.14
RAMAPO___LBMP 323565	25.41 1.28 -3.22	23.89 1.28 -1.70	22.66 1.20 -1.40	21.42 1.04 -2.05	21.11 0.99 -2.38	20.62 1.08 -0.18	20.05 1.01 -0.67	21.20 1.13 -1.31	22.33 1.32 -0.36	24.37 1.38 -2.12	25.14 1.31 -3.43	26.62 1.48 -4.57	28.75 1.57 -6.22	30.27 1.62 -7.68	33.09 1.64 -10.09	33.18 1.66 -9.37	47.42 1.66 -23.95	48.26 1.99 -19.32	46.93 2.00 -17.22	42.38 2.05 -11.89	34.81 1.96 -3.14	32.26 2.01 -1.57	28.24 1.55 -4.92	25.77 1.43 -2.94
RANKINE____ 23646	21.32 -0.13 -0.53	21.05 -0.15 -0.28	19.92 -0.36 -0.23	18.19 -0.48 -0.34	17.72 -0.41 -0.39	18.88 -0.50 -0.03	17.87 -0.61 -0.11	18.26 -0.71 -0.22	19.71 -0.99 -0.06	20.24 -0.98 -0.35	19.97 -1.00 -0.56	20.32 -1.01 -0.75	21.52 -0.46 -1.03	21.89 -0.36 -1.27	22.67 -0.30 -1.62	23.45 -0.24 -1.55	25.15 -0.41 -3.76	29.44 -0.57 -3.06	29.56 -0.94 -2.79	29.55 -0.85 -1.96	29.45 -0.77 -0.52	28.48 -0.46 -0.26	22.20 -0.39 -0.81	22.05 0.17 -0.49
RAVENSWOOD_GT2_1 24244	25.93 1.63 -3.39	24.31 1.61 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.50 1.26 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.00 2.01 -10.65	33.99 1.97 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.27 2.41 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10
RAVENSWOOD_GT2_2 24245	25.93 1.63 -3.39	24.31 1.61 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.50 1.26 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.00 2.01 -10.65	33.99 1.97 -9.87	49.10 2.01 -25.29	49.76 2.42 -20.39	48.27 2.41 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10
RAVENSWOOD_GT2_3 24246	25.95 1.65 -3.39	24.31 1.61 -1.79	23.06 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.92 1.37 -0.19	20.34 1.27 -0.70	21.58 1.44 -1.38	22.68 1.65 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	29.45 1.95 -6.55	31.08 2.01 -8.09	34.02 2.03 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.30 2.44 -18.15	43.47 2.50 -12.52	35.36 2.35 -3.31	32.83 2.50 -1.66	28.90 1.94 -5.18	26.31 1.82 -3.10
RAVENSWOOD_GT2_4 24247	25.95 1.65 -3.39	24.31 1.61 -1.79	23.06 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.92 1.37 -0.19	20.34 1.27 -0.70	21.58 1.44 -1.38	22.68 1.65 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	29.45 1.95 -6.55	31.08 2.01 -8.09	34.02 2.03 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.30 2.44 -18.15	43.47 2.50 -12.52	35.36 2.35 -3.31	32.83 2.50 -1.66	28.90 1.94 -5.18	26.31 1.82 -3.10
RAVENSWOOD_GT3_1 24248	25.93 1.63 -3.39	24.31 1.61 -1.79	23.06 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.21 1.83 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.02 2.03 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.27 2.41 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
RAVENSWOOD_GT3_2 24249	25.93 1.63 -3.39	24.31 1.61 -1.79	23.06 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.21 1.83 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.02 2.03 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.27 2.41 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
RAVENSWOOD_GT3_3 24250	25.97 1.67 -3.39	24.33 1.63 -1.79	23.08 1.54 -1.48	21.82 1.34 -2.15	21.52 1.28 -2.51	20.94 1.39 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.66 -0.38	24.86 1.75 -2.23	25.67 1.65 -3.61	27.23 1.85 -4.81	29.48 1.97 -6.55	31.10 2.03 -8.09	34.04 2.05 -10.65	34.04 2.02 -9.87	49.17 2.07 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.49 2.53 -12.52	35.42 2.41 -3.31	32.86 2.52 -1.66	28.92 1.96 -5.18	26.34 1.84 -3.10
RAVENSWOOD_GT3_4 24251	25.97 1.67 -3.39	24.33 1.63 -1.79	23.08 1.54 -1.48	21.82 1.34 -2.15	21.52 1.28 -2.51	20.94 1.39 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.70 1.66 -0.38	24.86 1.75 -2.23	25.67 1.65 -3.61	27.23 1.85 -4.81	29.48 1.97 -6.55	31.10 2.03 -8.09	34.04 2.05 -10.65	34.04 2.02 -9.87	49.17 2.07 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.49 2.53 -12.52	35.42 2.41 -3.31	32.86 2.52 -1.66	28.92 1.96 -5.18	26.34 1.84 -3.10
RAVENSWOOD_GT_1 23729	26.05 1.73 -3.40	24.43 1.72 -1.80	23.15 1.60 -1.49	21.88 1.39 -2.16	21.60 1.35 -2.52	21.00 1.45 -0.20	20.38 1.30 -0.70	21.62 1.48 -1.38	22.68 1.65 -0.38	24.86 1.75 -2.23	25.66 1.65 -3.61	27.21 1.83 -4.81	33.91 2.01 -10.94	31.08 2.01 -8.09	33.98 1.99 -10.65	34.06 2.04 -9.87	49.15 2.05 -25.30	49.78 2.45 -20.39	48.28 2.41 -18.15	43.44 2.47 -12.52	35.39 2.38 -3.31	32.87 2.52 -1.66	29.01 2.05 -5.18	26.41 1.90 -3.11
RAVENSWOOD_GT_10 24258	25.93 1.63 -3.39	24.29 1.59 -1.79	23.03 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.21 1.83 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10
RAVENSWOOD_GT_11 24259	25.93 1.63 -3.39	24.31 1.61 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.43 1.93 -6.55	30.99 1.93 -8.09	33.94 1.94 -10.65	34.02 1.99 -9.87	49.12 2.03 -25.29	49.76 2.43 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.75 2.41 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10

RAVENSWOOD_GT_4 24252	25.91 1.61 -3.38	24.29 1.59 -1.78	23.03 1.50 -1.47	21.78 1.30 -2.15	21.48 1.24 -2.50	20.87 1.34 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	32.78 1.93 -9.89	31.04 1.97 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.13 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.27 1.78 -3.09
RAVENSWOOD_GT_5 24254	25.91 1.61 -3.38	24.29 1.59 -1.78	23.03 1.50 -1.47	21.78 1.30 -2.15	21.48 1.24 -2.50	20.87 1.34 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	32.78 1.93 -9.89	31.04 1.97 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.13 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.27 1.78 -3.09
RAVENSWOOD_GT_6 24253	25.91 1.61 -3.38	24.29 1.59 -1.78	23.03 1.50 -1.47	21.78 1.30 -2.15	21.48 1.24 -2.50	20.87 1.34 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	32.78 1.93 -9.89	31.04 1.97 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.13 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.27 1.78 -3.09
RAVENSWOOD_GT_7 24255	25.91 1.61 -3.38	24.29 1.59 -1.78	23.03 1.50 -1.47	21.78 1.30 -2.15	21.48 1.24 -2.50	20.87 1.34 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.19 1.81 -4.81	32.78 1.93 -9.89	31.04 1.97 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.13 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.27 1.78 -3.09
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.93 1.63 -3.39	24.29 1.59 -1.79	23.03 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.21 1.83 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10
RAVENSWOOD_GT_9 24257	25.93 1.63 -3.39	24.29 1.59 -1.79	23.03 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.32 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.21 1.83 -4.81	29.43 1.93 -6.55	31.06 1.99 -8.09	34.00 2.01 -10.65	34.01 1.99 -9.87	49.12 2.03 -25.29	49.76 2.42 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.29 1.80 -3.10
RAVENSWOOD___1 23533	26.04 1.73 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	21.00 1.45 -0.20	20.36 1.29 -0.70	21.62 1.48 -1.38	22.68 1.65 -0.38	24.86 1.75 -2.23	25.65 1.63 -3.61	27.19 1.81 -4.81	29.50 1.99 -6.55	31.06 1.99 -8.09	33.98 1.99 -10.65	34.06 2.04 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.27 2.41 -18.15	43.44 2.47 -12.52	35.39 2.38 -3.31	32.83 2.49 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
RAVENSWOOD___2 23534	26.02 1.72 -3.40	24.40 1.69 -1.80	23.14 1.60 -1.49	21.88 1.39 -2.16	21.58 1.33 -2.52	20.98 1.43 -0.20	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.83 1.73 -2.23	25.65 1.63 -3.61	27.19 1.81 -4.81	29.50 1.99 -6.55	31.06 1.99 -8.09	33.98 1.99 -10.65	34.04 2.02 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.25 2.38 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.83 2.49 -1.66	28.98 2.03 -5.18	26.39 1.88 -3.11
RAVENSWOOD___3 23535	25.93 1.63 -3.39	24.31 1.61 -1.79	23.05 1.52 -1.48	21.80 1.32 -2.15	21.50 1.26 -2.51	20.90 1.35 -0.19	20.33 1.25 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.15 1.77 -4.81	29.43 1.93 -6.55	31.02 1.95 -8.09	33.94 1.94 -10.65	34.02 1.99 -9.87	49.12 2.03 -25.29	49.76 2.43 -20.39	48.30 2.44 -18.15	43.44 2.47 -12.52	35.36 2.35 -3.31	32.78 2.44 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
RAVENSWOOD___4 23820	26.02 1.72 -3.40	24.40 1.69 -1.80	23.12 1.58 -1.49	21.87 1.38 -2.16	21.58 1.33 -2.51	20.98 1.43 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.83 1.73 -2.23	25.65 1.63 -3.61	27.19 1.81 -4.81	25.18 1.99 -2.23	31.06 1.99 -8.09	33.98 1.99 -10.64	34.04 2.02 -9.87	49.12 2.03 -25.29	49.78 2.45 -20.39	48.24 2.38 -18.15	43.41 2.45 -12.52	35.36 2.35 -3.31	32.83 2.49 -1.65	28.96 2.00 -5.17	26.39 1.88 -3.11
RCPL_TRUST___DRP 24196	25.91 1.61 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.34 1.27 -0.70	21.58 1.44 -1.38	22.68 1.65 -0.38	24.81 1.71 -2.23	25.62 1.61 -3.61	27.21 1.83 -4.81	29.45 1.95 -6.55	31.06 1.99 -8.09	34.02 2.03 -10.65	34.04 2.02 -9.87	49.14 2.05 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.47 2.50 -12.52	35.39 2.38 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.27 1.78 -3.10
RED___ROCHESTER 323720	21.58 0.27 -0.39	21.41 0.29 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.28 -0.10 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.96 -0.17 -0.26	20.64 -0.18 -0.42	20.96 -0.17 -0.56	21.90 0.19 -0.76	22.23 0.32 -0.94	22.61 0.06 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.97 0.20 -2.06	30.10 0.20 -1.45	30.30 0.21 -0.38	29.22 0.35 -0.19	22.58 0.20 -0.60	22.22 0.47 -0.36
REGAN___SOLAR 323812	28.64 2.57 -5.15	26.19 2.55 -2.72	24.61 2.31 -2.25	23.62 2.02 -3.28	23.38 1.83 -3.81	21.89 2.24 -0.29	21.57 2.13 -1.07	22.87 2.01 -2.10	23.39 2.17 -0.58	26.44 2.17 -3.39	28.05 2.16 -5.49	30.07 2.18 -7.32	33.20 2.28 -9.96	35.65 2.37 -12.30	39.24 2.35 -15.54	39.73 2.57 -15.02	60.06 2.70 -35.56	59.75 3.69 -29.12	58.49 3.99 -26.79	51.72 4.24 -19.04	39.43 4.69 -5.04	35.62 4.42 -2.52	32.68 3.03 -7.87	28.93 2.82 -4.72
RENSSELAER___COGEN 23796	25.84 0.58 -4.34	23.79 0.58 -2.29	22.51 0.56 -1.89	21.60 0.51 -2.76	21.45 0.50 -3.21	20.14 0.54 -0.24	19.81 0.53 -0.90	21.04 0.51 -1.77	21.73 0.60 -0.49	24.34 0.61 -2.86	25.64 0.61 -4.62	27.42 0.68 -6.17	30.10 0.75 -8.39	32.10 0.75 -10.37	35.06 0.73 -12.98	35.62 0.82 -12.65	52.04 0.78 -29.46	52.12 0.97 -24.21	51.12 0.97 -22.43	45.48 1.00 -16.04	35.02 1.07 -4.24	31.84 1.03 -2.12	29.18 0.76 -6.63	26.10 0.73 -3.97
REPUBLIC_115KV_BARTNBRK 55605	27.90 2.47 -4.52	25.68 2.38 -2.39	24.15 2.13 -1.97	23.09 1.89 -2.87	22.96 1.88 -3.34	21.72 2.11 -0.25	21.37 2.06 -0.94	22.65 2.04 -1.84	23.59 2.44 -0.51	26.41 2.57 -2.97	27.81 2.59 -4.81	29.60 2.61 -6.41	32.24 2.56 -8.73	34.34 2.58 -10.78	37.44 2.60 -13.48	38.03 2.72 -13.16	55.26 2.90 -30.56	55.73 3.66 -25.13	54.76 3.74 -23.31	49.02 3.90 -16.68	38.81 4.69 -4.41	35.02 4.13 -2.21	31.54 2.85 -6.90	28.16 2.63 -4.13

REVERE_CPPR_DRP 24186	21.58 0.50 -0.16	21.54 0.54 -0.09	20.59 0.46 -0.07	18.80 0.37 -0.10	18.18 0.32 -0.12	19.85 0.48 -0.01	18.81 0.40 -0.03	19.20 0.38 -0.07	21.05 0.39 -0.02	21.42 0.44 -0.11	20.95 0.37 -0.18	21.15 0.35 -0.23	21.67 0.40 -0.32	21.81 0.44 -0.39	22.30 0.45 -0.50	23.18 0.55 -0.48	23.49 0.52 -1.17	28.62 0.73 -0.95	29.46 0.89 -0.86	30.05 1.00 -0.61	30.93 1.07 -0.16	29.71 0.95 -0.08	22.67 0.63 -0.25	22.19 0.64 -0.15
REYNOLDS_115KV_TB3 80639	26.00 0.73 -4.35	23.94 0.73 -2.30	22.65 0.70 -1.90	21.76 0.66 -2.77	21.61 0.66 -3.22	20.29 0.70 -0.24	19.94 0.66 -0.90	21.15 0.62 -1.77	21.88 0.74 -0.49	24.49 0.75 -2.86	25.79 0.75 -4.63	27.59 0.84 -6.18	30.25 0.88 -8.41	32.24 0.88 -10.39	35.20 0.90 -12.95	35.78 0.95 -12.68	52.00 0.92 -29.28	52.17 1.13 -24.10	51.26 1.14 -22.41	45.68 1.17 -16.07	35.23 1.28 -4.25	32.01 1.20 -2.13	29.34 0.91 -6.65	26.25 0.88 -3.98
RIVERBAY____ 323610	26.40 2.09 -3.40	24.78 2.07 -1.80	23.50 1.97 -1.49	22.18 1.69 -2.16	21.76 1.51 -2.52	21.31 1.76 -0.20	20.56 1.49 -0.70	21.85 1.71 -1.38	22.80 1.78 -0.38	25.02 1.92 -2.23	25.81 1.80 -3.61	27.44 2.06 -4.81	29.71 2.20 -6.55	31.35 2.29 -8.09	34.30 2.31 -10.65	34.15 2.13 -9.87	49.41 2.31 -25.29	50.13 2.80 -20.39	48.49 2.63 -18.15	43.61 2.65 -12.52	35.54 2.52 -3.31	33.26 2.93 -1.66	29.32 2.35 -5.18	26.73 2.23 -3.11
RIVERSDE_115KV_TB3 55908	25.95 0.67 -4.36	23.89 0.67 -2.30	22.60 0.64 -1.90	21.69 0.59 -2.77	21.55 0.59 -3.23	20.24 0.64 -0.24	19.90 0.62 -0.91	21.12 0.58 -1.78	21.82 0.68 -0.49	24.43 0.69 -2.87	25.77 0.71 -4.65	27.57 0.80 -6.20	30.23 0.84 -8.43	32.25 0.86 -10.42	35.24 0.88 -13.02	35.77 0.91 -12.71	52.18 0.89 -29.48	52.27 1.08 -24.25	51.30 1.08 -22.51	45.67 1.11 -16.12	35.19 1.22 -4.26	31.96 1.15 -2.13	29.30 0.85 -6.67	26.20 0.81 -3.99
ROARING__BROOK_WT_PWR 323790	20.33 -0.59 0.00	20.41 -0.50 0.00	19.61 -0.44 0.00	17.98 -0.35 0.00	17.45 -0.28 0.00	19.06 -0.29 0.00	18.11 -0.26 0.00	18.50 -0.26 0.00	20.35 -0.29 0.00	20.54 -0.33 0.00	19.98 -0.43 0.00	19.97 -0.60 0.00	20.22 -0.73 0.00	20.14 -0.84 0.00	20.45 -0.90 0.00	21.26 -0.89 0.00	21.00 -0.81 0.00	26.05 -0.89 0.00	26.97 -0.75 0.00	27.82 -0.63 0.00	29.11 -0.59 0.00	28.14 -0.55 0.00	21.43 -0.35 0.00	21.14 -0.26 0.00
ROCHESRG_115KV_T4 355643	21.34 0.04 -0.39	21.18 0.06 -0.21	20.06 -0.16 -0.17	18.37 -0.20 -0.25	17.85 -0.18 -0.29	19.10 -0.27 -0.02	18.19 -0.26 -0.08	18.54 -0.38 -0.16	20.19 -0.50 -0.04	20.71 -0.42 -0.26	20.39 -0.43 -0.41	20.67 -0.45 -0.55	21.63 -0.08 -0.75	21.93 0.02 -0.93	22.65 0.11 -1.19	23.39 0.11 -1.13	24.59 0.02 -2.76	29.17 -0.03 -2.25	29.51 -0.25 -2.05	29.66 -0.23 -1.44	29.88 -0.21 -0.38	28.82 -0.06 -0.19	22.29 -0.09 -0.59	21.97 0.21 -0.36
ROCHESTER_9_IC 23652	21.49 0.19 -0.39	21.31 0.19 -0.21	20.16 -0.06 -0.17	18.47 -0.11 -0.25	17.95 -0.07 -0.29	19.22 -0.15 -0.02	18.29 -0.17 -0.08	18.66 -0.26 -0.16	20.31 -0.37 -0.04	20.84 -0.29 -0.26	20.54 -0.29 -0.42	20.82 -0.31 -0.56	21.80 0.08 -0.76	22.10 0.19 -0.94	22.83 0.28 -1.20	23.58 0.29 -1.14	24.78 0.20 -2.79	29.40 0.19 -2.27	29.75 -0.03 -2.06	29.87 -0.03 -1.45	30.09 0.00 -0.38	29.02 0.14 -0.19	22.45 0.07 -0.60	22.12 0.36 -0.36
ROCKVIEW_13_KV_LD 356306	25.91 1.61 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.50 1.26 -2.51	20.92 1.37 -0.19	20.36 1.29 -0.70	21.57 1.43 -1.38	22.65 1.63 -0.38	24.81 1.71 -2.23	25.65 1.63 -3.61	27.24 1.85 -4.81	29.45 1.95 -6.55	31.06 1.99 -8.09	34.06 2.07 -10.65	34.08 2.06 -9.87	49.21 2.11 -25.29	49.89 2.56 -20.39	48.44 2.58 -18.15	43.58 2.62 -12.52	35.51 2.50 -3.31	32.86 2.52 -1.66	28.90 1.94 -5.18	26.29 1.80 -3.10
ROME____115KV_TB2 80656	21.58 0.50 -0.16	21.54 0.54 -0.09	20.59 0.46 -0.07	18.80 0.37 -0.10	18.18 0.32 -0.12	19.85 0.48 -0.01	18.81 0.40 -0.03	19.20 0.38 -0.07	21.05 0.39 -0.02	21.42 0.44 -0.11	20.95 0.37 -0.18	21.15 0.35 -0.23	21.67 0.40 -0.32	21.81 0.44 -0.39	22.30 0.45 -0.50	23.18 0.55 -0.48	23.49 0.52 -1.17	28.62 0.73 -0.95	29.46 0.89 -0.86	30.05 1.00 -0.61	30.93 1.07 -0.16	29.71 0.95 -0.08	22.67 0.63 -0.25	22.19 0.64 -0.15
ROSETON__1 23587	25.53 1.23 -3.39	23.94 1.23 -1.79	22.69 1.16 -1.48	21.49 1.01 -2.15	21.22 0.97 -2.51	20.61 1.06 -0.19	20.07 0.99 -0.70	21.23 1.09 -1.38	22.28 1.26 -0.38	24.40 1.29 -2.23	25.26 1.24 -3.61	26.74 1.36 -4.81	28.99 1.49 -6.55	30.55 1.49 -8.09	33.46 1.49 -10.62	33.57 1.55 -9.87	48.52 1.55 -25.17	49.13 1.89 -20.31	47.71 1.89 -18.11	42.89 1.94 -12.51	34.89 1.87 -3.31	32.23 1.89 -1.66	28.44 1.48 -5.17	25.86 1.37 -3.10
ROSETON__2 23588	25.53 1.23 -3.39	23.94 1.23 -1.79	22.69 1.16 -1.48	21.49 1.01 -2.15	21.22 0.97 -2.51	20.61 1.06 -0.19	20.07 0.99 -0.70	21.23 1.09 -1.38	22.28 1.26 -0.38	24.40 1.29 -2.23	25.26 1.24 -3.61	26.74 1.36 -4.81	28.99 1.49 -6.55	30.55 1.49 -8.09	33.46 1.49 -10.62	33.57 1.55 -9.87	48.52 1.55 -25.17	49.13 1.89 -20.31	47.71 1.89 -18.11	42.89 1.94 -12.51	34.89 1.87 -3.31	32.23 1.89 -1.66	28.44 1.48 -5.17	25.86 1.37 -3.10
ROTTTRDAM_115KV_TB3 80664	26.43 0.94 -4.58	24.25 0.92 -2.42	22.91 0.86 -2.00	22.01 0.77 -2.91	21.87 0.74 -3.39	20.44 0.83 -0.26	20.11 0.79 -0.95	21.39 0.77 -1.87	22.07 0.91 -0.52	24.80 0.92 -3.01	26.18 0.90 -4.87	28.04 0.97 -6.50	30.83 1.03 -8.85	32.93 1.03 -10.93	36.15 1.07 -13.73	36.59 1.11 -13.33	54.19 1.11 -31.28	53.98 1.37 -25.66	52.83 1.41 -23.71	46.83 1.48 -16.91	35.78 1.60 -4.47	32.44 1.52 -2.24	29.89 1.11 -6.99	26.65 1.07 -4.19
RUSSELL__1 23602	21.58 0.27 -0.39	21.39 0.27 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.30 -0.08 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.94 -0.19 -0.26	20.64 -0.18 -0.42	20.94 -0.19 -0.56	21.92 0.21 -0.76	22.23 0.31 -0.94	22.98 0.43 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.94 0.17 -2.06	30.07 0.17 -1.45	30.30 0.21 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.23 0.47 -0.36
RUSSELL__2 23532	21.58 0.27 -0.39	21.39 0.27 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.30 -0.08 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.94 -0.19 -0.26	20.64 -0.18 -0.42	20.94 -0.19 -0.56	21.92 0.21 -0.76	22.23 0.31 -0.94	22.98 0.43 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.94 0.17 -2.06	30.07 0.17 -1.45	30.30 0.21 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.23 0.47 -0.36
RUSSELL__3 23549	21.58 0.27 -0.39	21.39 0.27 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.30 -0.08 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.94 -0.19 -0.26	20.64 -0.18 -0.42	20.94 -0.19 -0.56	21.92 0.21 -0.76	22.23 0.31 -0.94	22.98 0.43 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.94 0.17 -2.06	30.07 0.17 -1.45	30.30 0.21 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.23 0.47 -0.36

RUSSELL___4 23556	21.58 0.27 -0.39	21.39 0.27 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.30 -0.08 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.94 -0.19 -0.26	20.64 -0.18 -0.42	20.94 -0.19 -0.56	21.92 0.21 -0.76	22.23 0.31 -0.94	22.98 0.43 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.94 0.17 -2.06	30.07 0.17 -1.45	30.30 0.21 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.23 0.47 -0.36
RUSSELL___STATION 23914	21.58 0.27 -0.39	21.39 0.27 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.30 -0.08 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.94 -0.19 -0.26	20.64 -0.18 -0.42	20.94 -0.19 -0.56	21.92 0.21 -0.76	22.23 0.31 -0.94	22.98 0.43 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.94 0.17 -2.06	30.07 0.17 -1.45	30.30 0.21 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.23 0.47 -0.36
S SALMON___HYD 24043	20.84 -0.31 -0.24	20.75 -0.29 -0.12	19.82 -0.34 -0.10	18.13 -0.35 -0.15	17.61 -0.30 -0.18	19.04 -0.33 -0.01	18.11 -0.31 -0.05	18.48 -0.38 -0.10	20.23 -0.43 -0.03	20.61 -0.42 -0.16	20.23 -0.43 -0.25	20.43 -0.47 -0.34	20.97 -0.44 -0.46	21.10 -0.44 -0.56	21.58 -0.49 -0.72	22.46 -0.38 -0.69	23.11 -0.37 -1.68	27.91 -0.40 -1.37	28.62 -0.33 -1.24	29.01 -0.31 -0.87	29.61 -0.33 -0.23	28.46 -0.34 -0.12	21.82 -0.33 -0.36	21.31 -0.30 -0.22
S.PERRY___115KV_TB1 80734	22.15 0.69 -0.55	21.91 0.71 -0.29	20.69 0.40 -0.24	18.95 0.27 -0.35	18.48 0.34 -0.41	19.71 0.33 -0.03	18.71 0.22 -0.11	18.91 -0.08 -0.22	20.29 -0.41 -0.06	20.73 -0.50 -0.36	20.42 -0.57 -0.58	20.73 -0.62 -0.78	21.81 -0.21 -1.06	22.20 -0.08 -1.31	23.07 0.04 -1.68	23.86 0.11 -1.60	25.80 0.11 -3.89	30.49 0.38 -3.17	31.09 0.50 -2.88	31.29 0.82 -2.02	31.28 1.04 -0.54	30.10 1.15 -0.27	23.38 0.76 -0.84	22.92 1.03 -0.50
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.25 -0.17 -0.51	20.99 -0.19 -0.27	19.87 -0.40 -0.22	18.16 -0.49 -0.32	17.67 -0.44 -0.38	18.80 -0.58 -0.03	17.82 -0.66 -0.11	18.20 -0.77 -0.21	19.63 -1.07 -0.06	20.14 -1.06 -0.33	19.86 -1.08 -0.54	20.20 -1.09 -0.72	21.39 -0.54 -0.98	21.77 -0.42 -1.21	22.54 -0.36 -1.55	23.30 -0.33 -1.48	24.91 -0.50 -3.60	29.18 -0.70 -2.93	29.30 -1.08 -2.67	29.33 -1.00 -1.88	29.25 -0.95 -0.50	28.33 -0.60 -0.25	22.06 -0.50 -0.78	21.95 0.09 -0.46
SAWYER___23_KV_LOAD 55526	21.25 -0.17 -0.51	20.99 -0.19 -0.27	19.87 -0.40 -0.22	18.16 -0.49 -0.32	17.67 -0.44 -0.38	18.80 -0.58 -0.03	17.82 -0.66 -0.11	18.20 -0.77 -0.21	19.63 -1.07 -0.06	20.14 -1.06 -0.33	19.86 -1.08 -0.54	20.20 -1.09 -0.72	21.39 -0.54 -0.98	21.77 -0.42 -1.21	22.54 -0.36 -1.55	23.30 -0.33 -1.48	24.91 -0.50 -3.60	29.18 -0.70 -2.93	29.30 -1.08 -2.67	29.33 -1.00 -1.88	29.25 -0.95 -0.50	28.33 -0.60 -0.25	22.06 -0.50 -0.78	21.95 0.09 -0.46
SELKIRK___I 23801	26.01 0.84 -4.26	24.00 0.84 -2.25	22.69 0.78 -1.86	21.75 0.71 -2.71	21.60 0.71 -3.16	20.37 0.77 -0.24	19.99 0.74 -0.89	21.21 0.71 -1.74	21.93 0.80 -0.48	24.49 0.81 -2.81	25.78 0.84 -4.54	27.51 0.88 -6.05	30.14 0.94 -8.24	32.12 0.97 -10.18	35.13 0.94 -12.84	35.59 1.02 -12.42	52.13 0.98 -29.34	52.20 1.21 -24.04	51.07 1.22 -22.14	45.47 1.28 -15.75	35.27 1.40 -4.17	32.12 1.35 -2.08	29.28 0.98 -6.51	26.24 0.94 -3.90
SELKIRK___II 23799	25.92 0.69 -4.32	23.88 0.69 -2.28	22.58 0.64 -1.89	21.66 0.59 -2.75	21.50 0.57 -3.20	20.23 0.64 -0.24	19.87 0.61 -0.90	21.10 0.58 -1.76	21.81 0.68 -0.49	24.43 0.71 -2.85	25.70 0.69 -4.60	27.47 0.76 -6.14	30.15 0.84 -8.35	32.13 0.84 -10.31	35.14 0.81 -12.99	35.63 0.89 -12.59	52.29 0.87 -29.62	52.31 1.08 -24.29	51.20 1.08 -22.41	45.51 1.11 -15.96	35.12 1.19 -4.22	31.94 1.15 -2.11	29.23 0.85 -6.60	26.16 0.81 -3.95
SENECA OSWGO___HYD 24041	20.95 -0.23 -0.27	20.82 -0.23 -0.14	19.89 -0.28 -0.12	18.22 -0.27 -0.17	17.67 -0.27 -0.20	19.08 -0.29 -0.01	18.17 -0.26 -0.06	18.57 -0.30 -0.11	20.34 -0.33 -0.03	20.75 -0.29 -0.17	20.40 -0.29 -0.28	20.62 -0.33 -0.38	21.20 -0.27 -0.51	21.36 -0.25 -0.63	21.84 -0.32 -0.81	22.70 -0.22 -0.77	23.45 -0.24 -1.88	28.16 -0.32 -1.53	28.78 -0.33 -1.40	29.03 -0.40 -0.98	29.58 -0.39 -0.26	28.44 -0.37 -0.13	21.88 -0.30 -0.41	21.36 -0.28 -0.24
SENECA___115KV_TB3 355854	21.36 -0.08 -0.53	21.07 -0.13 -0.28	19.96 -0.32 -0.23	18.23 -0.44 -0.34	17.74 -0.39 -0.39	18.90 -0.48 -0.03	17.89 -0.59 -0.11	18.30 -0.68 -0.22	19.73 -0.97 -0.06	20.26 -0.96 -0.35	20.01 -0.96 -0.56	20.36 -0.97 -0.75	21.54 -0.44 -1.03	21.93 -0.31 -1.27	22.71 -0.26 -1.62	23.47 -0.22 -1.55	25.20 -0.37 -3.76	29.47 -0.54 -3.06	29.58 -0.91 -2.79	29.61 -0.80 -1.96	29.51 -0.71 -0.52	28.51 -0.43 -0.26	22.24 -0.35 -0.81	22.07 0.19 -0.49
SENECA___ENERGY 23797	21.35 0.02 -0.41	21.15 0.02 -0.22	20.13 -0.10 -0.18	18.44 -0.15 -0.26	17.94 -0.11 -0.31	19.24 -0.13 -0.02	18.33 -0.13 -0.09	18.76 -0.17 -0.17	20.46 -0.23 -0.05	20.98 -0.17 -0.27	20.68 -0.16 -0.44	20.97 -0.19 -0.59	21.75 0.00 -0.80	22.03 0.06 -0.99	22.55 -0.06 -1.26	23.51 0.16 -1.20	24.87 0.13 -2.93	29.52 0.19 -2.39	30.08 0.20 -2.17	30.09 0.11 -1.53	30.23 0.12 -0.40	29.06 0.17 -0.20	22.48 0.07 -0.63	21.92 0.15 -0.38
SHOEMAKER___GT 23640	24.96 1.05 -3.01	23.52 1.02 -1.59	22.35 0.98 -1.31	21.08 0.84 -1.91	20.79 0.83 -2.22	20.41 0.89 -0.17	19.82 0.83 -0.63	20.88 0.90 -1.22	22.03 1.05 -0.34	23.91 1.06 -1.98	24.62 1.02 -3.20	25.95 1.11 -4.27	28.00 1.24 -5.81	29.39 1.24 -7.17	32.00 1.24 -9.41	32.23 1.33 -8.76	45.42 1.31 -22.31	46.56 1.62 -18.00	45.41 1.63 -16.06	41.25 1.71 -11.10	34.27 1.63 -2.94	31.79 1.63 -1.47	27.66 1.28 -4.59	25.32 1.18 -2.75
SHOEMAKR_138KV_BK 111 55601	24.94 1.05 -2.98	23.53 1.05 -1.57	22.34 0.98 -1.30	21.07 0.84 -1.89	20.77 0.83 -2.20	20.41 0.89 -0.17	19.82 0.83 -0.62	20.89 0.92 -1.21	22.05 1.07 -0.34	23.92 1.09 -1.96	24.60 1.02 -3.17	25.95 1.15 -4.23	27.95 1.24 -5.76	29.36 1.28 -7.11	32.00 1.32 -9.33	32.15 1.33 -8.68	45.23 1.33 -22.10	46.39 1.62 -17.83	45.29 1.66 -15.92	41.15 1.71 -11.00	34.25 1.63 -2.91	31.80 1.66 -1.46	27.62 1.29 -4.55	25.30 1.18 -2.72
SHOREHAM_IC_1 23715	36.84 2.78 -13.15	32.68 2.78 -8.99	29.94 2.57 -7.32	27.07 2.22 -6.52	26.76 2.13 -6.90	26.92 2.32 -5.25	26.68 2.15 -6.16	27.44 2.34 -6.34	29.62 2.66 -6.31	32.91 2.78 -9.26	38.89 2.61 -15.87	44.69 2.72 -21.41	49.96 2.87 -26.13	84.93 2.85 -61.10	138.80 2.84 -114.62	149.66 2.99 -124.52	147.59 3.01 -122.77	230.38 3.72 -199.72	167.41 3.80 -135.90	139.17 3.93 -106.80	139.32 3.86 -105.75	88.71 3.84 -56.19	48.48 3.01 -23.69	37.03 2.93 -12.70
SHOREHAM_IC_2 23716	36.84 2.78 -13.15	32.68 2.78 -8.99	29.94 2.57 -7.32	27.07 2.22 -6.52	26.76 2.13 -6.90	26.92 2.32 -5.25	26.68 2.15 -6.16	27.44 2.34 -6.34	29.62 2.66 -6.31	32.91 2.78 -9.26	38.89 2.61 -15.87	44.69 2.72 -21.41	49.96 2.87 -26.13	84.93 2.85 -61.10	138.80 2.84 -114.62	149.66 2.99 -124.52	147.59 3.01 -122.77	230.38 3.72 -199.72	167.41 3.80 -135.90	139.17 3.93 -106.80	139.32 3.86 -105.75	88.71 3.84 -56.19	48.48 3.01 -23.69	37.03 2.93 -12.70

SISSONVILLE____ 23735	19.80 -1.11 0.00	19.83 -1.09 0.00	19.01 -1.04 0.00	17.54 -0.79 0.00	16.94 -0.80 0.00	18.54 -0.81 0.00	17.60 -0.77 0.00	17.99 -0.77 0.00	19.65 -0.99 0.00	19.83 -1.04 0.00	19.36 -1.04 0.00	19.50 -1.07 0.00	19.68 -1.28 0.00	19.63 -1.34 0.00	19.92 -1.43 0.00	20.69 -1.46 0.00	20.50 -1.31 0.00	25.43 -1.51 0.00	26.35 -1.36 0.00	27.08 -1.37 0.00	28.25 -1.46 0.00	27.11 -1.58 0.00	20.56 -1.22 0.00	20.11 -1.28 0.00
SITHE_IND_GS1 24169	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.86 -0.50 -0.01	17.94 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.22	20.24 -0.62 -0.29	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.33 -0.64 -0.62	22.16 -0.58 -0.59	22.65 -0.59 -1.43	27.36 -0.75 -1.17	27.97 -0.80 -1.06	28.34 -0.85 -0.75	29.04 -0.86 -0.20	27.98 -0.80 -0.10	21.48 -0.61 -0.31	21.00 -0.58 -0.18
SITHE_IND_GS2 24170	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.86 -0.50 -0.01	17.94 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.22	20.24 -0.62 -0.29	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.33 -0.64 -0.62	22.16 -0.58 -0.59	22.65 -0.59 -1.43	27.36 -0.75 -1.17	27.97 -0.80 -1.06	28.34 -0.85 -0.75	29.04 -0.86 -0.20	27.98 -0.80 -0.10	21.48 -0.61 -0.31	21.00 -0.58 -0.18
SITHE_IND_GS3 24171	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.86 -0.50 -0.01	17.94 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.22	20.24 -0.62 -0.29	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.33 -0.64 -0.62	22.16 -0.58 -0.59	22.65 -0.59 -1.43	27.36 -0.75 -1.17	27.97 -0.80 -1.06	28.34 -0.85 -0.75	29.04 -0.86 -0.20	27.98 -0.80 -0.10	21.48 -0.61 -0.31	21.00 -0.58 -0.18
SITHE_IND_GS4 24172	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.86 -0.50 -0.01	17.94 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.22	20.24 -0.62 -0.29	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.33 -0.64 -0.62	22.16 -0.58 -0.59	22.65 -0.59 -1.43	27.36 -0.75 -1.17	27.97 -0.80 -1.06	28.34 -0.85 -0.75	29.04 -0.86 -0.20	27.98 -0.80 -0.10	21.48 -0.61 -0.31	21.00 -0.58 -0.18
SITHE____BATAVIA 24024	21.66 0.29 -0.45	21.44 0.29 -0.24	20.23 -0.02 -0.20	18.49 -0.13 -0.29	18.00 -0.07 -0.33	19.24 -0.13 -0.03	18.25 -0.22 -0.09	18.57 -0.38 -0.18	20.09 -0.60 -0.05	20.65 -0.52 -0.30	20.31 -0.57 -0.48	20.68 -0.53 -0.64	21.77 -0.06 -0.87	22.14 0.08 -1.08	22.41 -0.32 -1.38	23.66 0.20 -1.32	25.10 0.09 -3.20	29.66 0.11 -2.61	29.97 -0.11 -2.37	30.06 -0.06 -1.67	30.18 0.03 -0.44	29.16 0.26 -0.22	22.58 0.11 -0.69	22.39 0.58 -0.41
SITHE____INDEPEND 23800	20.61 -0.50 -0.20	20.54 -0.48 -0.11	19.62 -0.52 -0.09	17.98 -0.48 -0.13	17.42 -0.46 -0.15	18.86 -0.50 -0.01	17.94 -0.48 -0.04	18.34 -0.51 -0.08	20.09 -0.58 -0.02	20.44 -0.56 -0.13	20.07 -0.55 -0.22	20.22 -0.64 -0.29	20.76 -0.59 -0.39	20.89 -0.57 -0.48	21.41 -0.56 -0.62	22.16 -0.58 -0.59	22.65 -0.59 -1.43	27.36 -0.75 -1.17	27.97 -0.80 -1.06	28.34 -0.85 -0.75	29.04 -0.86 -0.20	27.95 -0.83 -0.10	21.48 -0.61 -0.31	21.00 -0.58 -0.18
SITHE____MASSENA 23902	20.50 -0.42 0.00	20.52 -0.40 0.00	19.65 -0.40 0.00	18.13 -0.20 0.00	17.49 -0.25 0.00	19.12 -0.23 0.00	18.15 -0.22 0.00	18.55 -0.21 0.00	20.29 -0.35 0.00	20.47 -0.40 0.00	20.02 -0.39 0.00	20.20 -0.37 0.00	20.41 -0.54 0.00	20.39 -0.59 0.00	20.86 -0.49 0.00	21.49 -0.66 0.00	21.24 -0.57 0.00	26.30 -0.65 0.00	27.13 -0.58 0.00	27.85 -0.60 0.00	29.08 -0.63 0.00	27.94 -0.75 0.00	21.26 -0.52 0.00	20.82 -0.58 0.00
SITHE____OGDNSBRG 24021	20.43 -0.48 0.00	20.45 -0.46 0.00	19.61 -0.44 0.00	18.07 -0.26 0.00	17.43 -0.30 0.00	19.12 -0.23 0.00	18.11 -0.26 0.00	18.52 -0.24 0.00	20.21 -0.43 0.00	20.39 -0.48 0.00	19.94 -0.47 0.00	20.10 -0.47 0.00	20.26 -0.69 0.00	20.24 -0.73 0.00	20.56 -0.79 0.00	21.35 -0.80 0.00	21.13 -0.68 0.00	26.22 -0.73 0.00	27.16 -0.55 0.00	27.96 -0.48 0.00	29.17 -0.53 0.00	27.99 -0.69 0.00	21.22 -0.57 0.00	20.75 -0.64 0.00
SITHE____STERLING 23777	21.54 0.44 -0.19	21.47 0.46 -0.10	20.54 0.40 -0.08	18.76 0.31 -0.12	18.14 0.27 -0.14	19.75 0.39 -0.01	18.74 0.33 -0.04	19.16 0.32 -0.08	20.99 0.33 -0.02	21.35 0.35 -0.13	20.93 0.33 -0.20	21.17 0.33 -0.27	21.70 0.38 -0.37	21.85 0.42 -0.46	22.30 0.36 -0.58	23.22 0.51 -0.56	23.64 0.48 -1.36	28.67 0.62 -1.10	29.44 0.72 -1.00	29.95 0.80 -0.71	30.75 0.86 -0.19	29.55 0.77 -0.09	22.60 0.52 -0.29	22.11 0.54 -0.17
SLEIGHT__34_KV_TB1 80719	21.82 0.52 -0.39	21.66 0.54 -0.20	20.56 0.34 -0.17	18.85 0.27 -0.25	18.31 0.28 -0.29	19.70 0.33 -0.02	18.78 0.33 -0.08	19.24 0.32 -0.16	21.04 0.35 -0.04	21.61 0.48 -0.25	21.31 0.49 -0.41	21.57 0.45 -0.55	22.37 0.67 -0.75	22.63 0.73 -0.92	23.39 0.85 -1.18	24.12 0.84 -1.13	25.36 0.81 -2.75	30.18 1.00 -2.24	30.74 1.00 -2.03	30.76 0.88 -1.43	31.00 0.92 -0.38	29.79 0.92 -0.19	22.96 0.59 -0.59	22.39 0.64 -0.35
SOUTH CAIRO____GT 23612	26.14 1.15 -4.07	24.15 1.09 -2.15	22.83 1.00 -1.78	21.82 0.90 -2.59	21.67 0.92 -3.01	20.68 1.10 -0.23	20.14 0.92 -0.85	21.32 0.90 -1.66	22.22 1.11 -0.46	24.60 1.04 -2.68	25.82 1.08 -4.34	27.49 1.13 -5.78	30.07 1.24 -7.87	32.02 1.32 -9.72	34.97 1.30 -12.32	35.48 1.46 -11.87	51.56 1.50 -28.25	52.02 1.97 -23.11	51.03 2.11 -21.22	45.74 2.25 -15.04	36.03 2.35 -3.98	32.88 2.21 -1.99	29.51 1.50 -6.22	26.47 1.35 -3.73
SOUTH HAMPTN____IC 23720	37.30 3.26 -13.12	33.14 3.24 -8.99	30.36 2.99 -7.32	27.46 2.60 -6.52	27.15 2.52 -6.90	27.33 2.73 -5.25	27.07 2.54 -6.16	27.86 2.76 -6.34	30.11 3.16 -6.31	33.47 3.34 -9.26	39.42 3.18 -15.83	45.31 3.33 -21.41	50.60 3.52 -26.13	84.50 3.52 -60.00	135.75 3.52 -110.88	146.35 3.72 -120.48	144.50 3.69 -119.01	223.95 4.55 -192.46	193.30 4.63 -160.96	136.13 4.72 -102.97	135.97 4.66 -101.60	87.35 4.59 -54.08	48.79 3.55 -23.45	37.52 3.42 -12.70
SOUTHDOW_115KV_TB1 355954	21.98 0.50 -0.57	21.69 0.48 -0.30	20.52 0.22 -0.25	18.73 0.04 -0.36	18.26 0.11 -0.42	19.48 0.10 -0.03	18.42 -0.07 -0.12	18.93 -0.06 -0.23	20.38 -0.33 -0.06	20.93 -0.31 -0.37	20.66 -0.35 -0.60	21.01 -0.37 -0.80	22.18 0.13 -1.09	22.54 0.21 -1.35	23.31 0.23 -1.73	24.18 0.38 -1.65	26.02 0.20 -4.02	30.43 0.22 -3.27	30.66 -0.03 -2.97	30.68 0.14 -2.09	30.58 0.33 -0.55	29.56 0.60 -0.28	23.04 0.39 -0.86	22.81 0.90 -0.52
SOUTHOLD_69_KV_BK 2 55809	37.95 3.91 -13.13	33.75 3.85 -8.99	30.92 3.55 -7.32	27.95 3.10 -6.52	27.56 2.93 -6.90	27.83 3.23 -5.25	27.55 3.01 -6.16	28.36 3.26 -6.34	30.73 3.78 -6.31	34.14 4.01 -9.26	40.11 3.88 -15.83	46.11 4.13 -21.41	51.36 4.28 -26.13	85.39 4.41 -60.01	136.73 4.46 -110.92	147.30 4.63 -120.52	145.41 4.56 -119.05	225.08 5.60 -192.53	195.95 5.65 -162.58	137.17 5.72 -103.01	137.06 5.70 -101.65	88.38 5.59 -54.10	49.51 4.27 -23.46	38.18 4.09 -12.70

SOUTHOLD___IC 23719	37.95 3.91 -13.13	33.75 3.85 -8.99	30.92 3.55 -7.32	27.95 3.10 -6.52	27.58 2.94 -6.90	27.85 3.25 -5.25	27.55 3.01 -6.16	28.36 3.26 -6.34	30.73 3.78 -6.31	34.14 4.01 -9.26	40.11 3.88 -15.83	46.05 4.07 -21.41	51.38 4.30 -26.13	85.31 4.32 -60.01	136.62 4.35 -110.92	147.30 4.63 -120.52	145.41 4.56 -119.05	225.08 5.60 -192.53	195.97 5.68 -162.58	137.17 5.72 -103.01	137.06 5.70 -101.65	88.32 5.54 -54.10	49.49 4.25 -23.46	38.16 4.07 -12.70
SPIERFLS_115KV_TB 1 80737	26.46 1.02 -4.52	24.31 1.00 -2.39	22.91 0.88 -1.97	21.99 0.79 -2.88	21.93 0.85 -3.35	20.48 0.87 -0.25	20.16 0.85 -0.94	21.43 0.83 -1.84	22.16 1.01 -0.51	24.87 1.02 -2.98	26.14 0.92 -4.82	27.92 0.93 -6.42	30.64 0.94 -8.74	32.74 0.96 -10.80	35.84 0.98 -13.51	36.37 1.04 -13.18	53.66 1.22 -30.63	53.69 1.56 -25.18	52.67 1.61 -23.35	46.88 1.74 -16.70	36.23 2.11 -4.42	32.76 1.86 -2.21	29.98 1.29 -6.91	26.69 1.16 -4.14
ST LAWRENCE___ 23600	20.37 -0.54 0.00	20.37 -0.54 0.00	19.57 -0.48 0.00	17.96 -0.37 0.00	17.36 -0.37 0.00	18.94 -0.41 0.00	18.00 -0.37 0.00	18.40 -0.36 0.00	20.19 -0.45 0.00	20.37 -0.50 0.00	19.94 -0.47 0.00	20.10 -0.47 0.00	20.33 -0.63 0.00	20.33 -0.65 0.00	20.77 -0.58 0.00	21.40 -0.75 0.00	21.13 -0.68 0.00	26.16 -0.78 0.00	26.97 -0.75 0.00	27.68 -0.77 0.00	28.90 -0.80 0.00	27.82 -0.86 0.00	21.15 -0.63 0.00	20.71 -0.69 0.00
STATE_CA_115KV_115_LB 55624	26.02 0.71 -4.40	23.93 0.69 -2.32	22.63 0.66 -1.92	21.73 0.60 -2.80	21.58 0.59 -3.25	20.24 0.64 -0.25	19.91 0.62 -0.91	21.15 0.60 -1.79	21.84 0.70 -0.50	24.50 0.73 -2.90	25.84 0.75 -4.68	27.66 0.84 -6.25	30.34 0.88 -8.50	32.38 0.90 -10.50	35.41 0.92 -13.14	35.94 0.97 -12.81	52.55 0.94 -29.81	52.61 1.16 -24.50	51.59 1.16 -22.71	45.88 1.19 -16.24	35.31 1.31 -4.30	32.04 1.20 -2.15	29.39 0.89 -6.72	26.27 0.86 -4.02
STATE_ST_34_KV_LOAD 55959	21.57 0.25 -0.41	21.38 0.25 -0.22	20.37 0.14 -0.18	18.66 0.07 -0.26	18.29 0.25 -0.30	19.49 0.12 -0.02	18.57 0.11 -0.08	19.04 0.11 -0.17	20.81 0.12 -0.05	21.33 0.19 -0.27	21.06 0.22 -0.43	21.32 0.16 -0.58	22.06 0.31 -0.79	22.33 0.38 -0.97	23.05 0.45 -1.25	23.78 0.44 -1.19	25.12 0.41 -2.90	29.84 0.54 -2.36	30.38 0.53 -2.15	30.44 0.48 -1.51	30.61 0.50 -0.40	29.40 0.52 -0.20	22.71 0.30 -0.62	22.11 0.34 -0.37
STATION 5_MISC_HYD 23604	21.49 0.19 -0.39	21.31 0.19 -0.21	20.16 -0.06 -0.17	18.47 -0.11 -0.25	17.96 -0.07 -0.29	19.20 -0.17 -0.02	18.29 -0.17 -0.08	18.66 -0.26 -0.16	20.32 -0.37 -0.04	20.86 -0.27 -0.26	20.54 -0.29 -0.42	20.84 -0.29 -0.56	21.78 0.06 -0.76	22.08 0.17 -0.94	22.46 -0.09 -1.20	23.56 0.27 -1.14	24.78 0.20 -2.79	29.40 0.19 -2.27	29.77 0.00 -2.06	29.89 0.00 -1.45	30.12 0.03 -0.38	29.05 0.17 -0.19	22.45 0.07 -0.60	22.12 0.36 -0.36
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.51 0.21 -0.39	21.35 0.23 -0.21	20.22 0.00 -0.17	18.52 -0.05 -0.25	17.99 -0.04 -0.29	19.34 -0.04 -0.02	18.42 -0.04 -0.08	18.81 -0.11 -0.16	20.52 -0.17 -0.04	21.07 -0.06 -0.26	20.74 -0.08 -0.42	21.04 -0.08 -0.56	21.92 0.21 -0.76	22.20 0.29 -0.93	22.93 0.38 -1.20	23.69 0.40 -1.14	24.91 0.33 -2.77	29.61 0.40 -2.26	30.07 0.30 -2.05	30.15 0.26 -1.44	30.35 0.27 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.12 0.36 -0.36
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.34 0.04 -0.39	21.16 0.04 -0.21	20.02 -0.20 -0.17	18.34 -0.24 -0.25	17.83 -0.20 -0.29	19.10 -0.27 -0.02	18.18 -0.28 -0.08	18.56 -0.36 -0.16	20.23 -0.45 -0.04	20.77 -0.35 -0.26	20.45 -0.37 -0.41	20.75 -0.37 -0.55	21.69 -0.02 -0.75	21.99 0.08 -0.93	22.71 0.17 -1.19	23.46 0.18 -1.13	24.65 0.09 -2.76	29.24 0.05 -2.25	29.62 -0.14 -2.04	29.74 -0.14 -1.44	29.94 -0.15 -0.38	28.87 0.00 -0.19	22.31 -0.07 -0.59	21.94 0.19 -0.36
STA_56___34_KV_BUS2 355983	21.34 0.04 -0.39	21.16 0.04 -0.21	20.02 -0.20 -0.17	18.34 -0.24 -0.25	17.83 -0.20 -0.29	19.10 -0.27 -0.02	18.18 -0.28 -0.08	18.56 -0.36 -0.16	20.23 -0.45 -0.04	20.77 -0.35 -0.26	20.45 -0.37 -0.41	20.75 -0.37 -0.55	21.69 -0.02 -0.75	21.99 0.08 -0.93	22.71 0.17 -1.19	23.46 0.18 -1.13	24.65 0.09 -2.76	29.24 0.05 -2.25	29.62 -0.14 -2.04	29.74 -0.14 -1.44	29.94 -0.15 -0.38	28.87 0.00 -0.19	22.31 -0.07 -0.59	21.94 0.19 -0.36
STA_67___115KV_BK2 355882	21.43 0.13 -0.39	21.27 0.15 -0.21	20.12 -0.10 -0.17	18.43 -0.15 -0.25	17.92 -0.11 -0.29	19.18 -0.19 -0.02	18.25 -0.20 -0.08	18.62 -0.30 -0.16	20.27 -0.41 -0.04	20.80 -0.33 -0.26	20.48 -0.35 -0.42	20.78 -0.35 -0.56	21.74 0.02 -0.76	22.04 0.13 -0.94	22.76 0.21 -1.20	23.51 0.22 -1.14	24.72 0.13 -2.78	29.32 0.11 -2.27	29.66 -0.11 -2.06	29.78 -0.11 -1.45	30.03 -0.06 -0.38	28.96 0.09 -0.19	22.40 0.02 -0.60	22.05 0.30 -0.36
STA_7___115KV_9TRANS 80674	21.58 0.27 -0.39	21.39 0.27 -0.21	20.24 0.02 -0.17	18.54 -0.04 -0.25	18.03 0.00 -0.29	19.30 -0.08 -0.02	18.36 -0.09 -0.08	18.73 -0.19 -0.16	20.40 -0.29 -0.04	20.94 -0.19 -0.26	20.64 -0.18 -0.42	20.94 -0.19 -0.56	21.92 0.21 -0.76	22.23 0.31 -0.94	22.98 0.43 -1.20	23.71 0.42 -1.14	24.94 0.35 -2.79	29.59 0.38 -2.27	29.94 0.17 -2.06	30.07 0.17 -1.45	30.30 0.21 -0.38	29.22 0.34 -0.19	22.58 0.20 -0.60	22.23 0.47 -0.36
STA_82___115KV_TB1 80780	21.45 0.15 -0.39	21.27 0.15 -0.21	20.15 -0.08 -0.17	18.43 -0.15 -0.25	17.94 -0.09 -0.29	19.20 -0.17 -0.02	18.27 -0.18 -0.08	18.62 -0.30 -0.16	20.27 -0.41 -0.04	20.80 -0.33 -0.26	20.50 -0.33 -0.42	20.78 -0.35 -0.56	21.74 0.02 -0.76	22.04 0.13 -0.94	22.79 0.23 -1.21	23.52 0.22 -1.15	24.76 0.15 -2.80	29.36 0.13 -2.28	29.70 -0.08 -2.07	29.82 -0.09 -1.46	30.03 -0.06 -0.39	28.96 0.09 -0.19	22.41 0.02 -0.60	22.08 0.32 -0.36
STEEL___WIND 323596	21.34 -0.10 -0.53	21.07 -0.12 -0.28	19.94 -0.34 -0.23	18.21 -0.46 -0.34	17.74 -0.39 -0.39	18.96 -0.43 -0.03	17.88 -0.61 -0.11	18.28 -0.69 -0.22	19.73 -0.97 -0.06	20.26 -0.96 -0.35	19.99 -0.98 -0.56	20.36 -0.97 -0.75	21.50 -0.48 -1.03	21.89 -0.36 -1.27	22.16 -0.81 -1.62	23.45 -0.24 -1.55	25.18 -0.39 -3.76	29.47 -0.54 -3.06	29.61 -0.89 -2.79	29.61 -0.80 -1.96	29.48 -0.74 -0.52	28.51 -0.43 -0.26	22.22 -0.37 -0.81	22.07 0.19 -0.49
STEPHTWN_115KV_BK_2 55603	26.07 0.82 -4.34	24.00 0.79 -2.29	22.69 0.74 -1.89	21.75 0.66 -2.76	21.61 0.66 -3.21	20.31 0.72 -0.24	19.97 0.70 -0.90	21.20 0.68 -1.77	21.94 0.81 -0.49	24.57 0.83 -2.86	25.91 0.88 -4.62	27.69 0.95 -6.17	30.36 1.01 -8.39	32.37 1.03 -10.37	35.38 1.05 -12.98	35.89 1.09 -12.65	52.33 1.07 -29.46	52.50 1.35 -24.21	51.48 1.33 -22.43	45.85 1.37 -16.04	35.43 1.49 -4.24	32.21 1.41 -2.12	29.42 1.00 -6.63	26.31 0.94 -3.97
STEUBEN_REC_LFGE 323667	21.89 0.29 -0.68	21.55 0.27 -0.36	20.41 0.06 -0.30	18.69 -0.07 -0.44	18.24 0.00 -0.51	19.37 -0.02 -0.04	18.48 -0.04 -0.14	18.91 -0.13 -0.28	20.41 -0.31 -0.08	21.01 -0.31 -0.45	20.77 -0.37 -0.73	21.17 -0.37 -0.97	22.28 0.00 -1.32	22.70 0.08 -1.63	23.61 0.17 -2.09	24.39 0.24 -1.99	26.84 0.17 -4.86	31.22 0.32 -3.96	31.59 0.28 -3.60	31.34 0.37 -2.53	30.88 0.50 -0.67	29.68 0.66 -0.33	23.24 0.41 -1.05	22.73 0.71 -0.63

STONY___BROOK 24151	36.72 2.51 -13.30	32.41 2.51 -8.99	29.70 2.33 -7.32	26.87 2.02 -6.52	26.64 2.00 -6.90	26.71 2.11 -5.25	26.50 1.97 -6.16	27.24 2.14 -6.34	29.39 2.43 -6.31	32.70 2.57 -9.26	38.95 2.43 -16.11	44.46 2.49 -21.41	49.72 2.64 -26.13	91.97 2.52 -68.48	163.64 2.50 -139.79	176.43 2.55 -151.74	172.54 2.59 -148.14	278.55 3.18 -248.43	169.94 3.21 -139.01	164.23 3.33 -132.45	166.46 3.24 -133.52	102.24 3.30 -70.26	49.50 2.72 -24.99	36.82 2.70 -12.72
STURGEON_POOL_HYD 23609	25.62 1.21 -3.49	23.97 1.21 -1.84	22.72 1.14 -1.52	21.54 0.99 -2.22	21.21 0.89 -2.58	20.61 1.06 -0.20	20.03 0.94 -0.73	21.25 1.07 -1.42	22.32 1.28 -0.39	24.46 1.29 -2.30	25.33 1.20 -3.72	26.93 1.40 -4.96	29.19 1.49 -6.75	30.86 1.55 -8.33	33.71 1.58 -10.78	33.91 1.59 -10.17	48.65 1.61 -25.23	49.35 1.94 -20.47	48.17 2.00 -18.47	43.39 2.05 -12.89	35.02 1.90 -3.41	32.37 1.98 -1.71	28.64 1.52 -5.33	25.96 1.37 -3.19
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.20 1.19 -3.10	23.72 1.17 -1.64	22.53 1.12 -1.35	21.27 0.97 -1.97	20.91 0.89 -2.29	20.53 1.01 -0.17	19.95 0.94 -0.64	21.07 1.05 -1.26	22.21 1.22 -0.35	24.16 1.25 -2.04	24.89 1.18 -3.30	26.33 1.36 -4.40	28.39 1.45 -5.99	29.86 1.49 -7.39	32.59 1.54 -9.71	32.72 1.55 -9.02	46.36 1.55 -23.01	47.39 1.89 -18.57	46.16 1.88 -16.56	41.85 1.96 -11.44	34.60 1.87 -3.03	32.09 1.89 -1.51	27.95 1.44 -4.73	25.58 1.35 -2.83
SWANROAD_115KV_TB1 355699	20.88 -0.52 -0.49	20.65 -0.52 -0.26	19.52 -0.74 -0.21	17.85 -0.79 -0.31	17.35 -0.74 -0.36	18.47 -0.91 -0.03	17.52 -0.96 -0.10	17.85 -1.11 -0.20	19.25 -1.44 -0.06	19.75 -1.44 -0.32	19.48 -1.45 -0.52	19.80 -1.46 -0.69	21.00 -0.90 -0.94	21.30 -0.84 -1.16	22.07 -0.77 -1.49	22.80 -0.78 -1.42	24.35 -0.92 -3.46	28.55 -1.21 -2.82	28.64 -1.64 -2.56	28.68 -1.56 -1.80	28.70 -1.49 -0.48	27.77 -1.15 -0.24	21.66 -0.87 -0.75	21.56 -0.28 -0.45
SYNERGY___BIOGAS 323694	21.66 0.29 -0.45	21.44 0.29 -0.24	20.23 -0.02 -0.20	18.49 -0.13 -0.29	18.00 -0.07 -0.33	19.24 -0.13 -0.03	18.25 -0.22 -0.09	18.57 -0.38 -0.18	20.09 -0.60 -0.05	20.65 -0.52 -0.30	20.31 -0.57 -0.48	20.68 -0.53 -0.64	21.77 -0.06 -0.87	22.14 0.08 -1.08	22.41 -0.32 -1.38	23.66 0.20 -1.32	25.10 0.09 -3.20	29.66 0.11 -2.61	29.97 -0.11 -2.37	30.06 -0.06 -1.67	30.18 0.03 -0.44	29.16 0.26 -0.22	22.58 0.11 -0.69	22.39 0.58 -0.41
SYRACUSE___ENERGY_ST1 323597	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 -0.04 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.02 -0.02 -0.47	21.68 0.08 -0.64	21.89 0.13 -0.79	22.53 0.17 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.13 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.90 0.06 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
SYRACUSE___ENERGY_ST2 323598	21.31 0.06 -0.33	21.15 0.06 -0.17	20.18 -0.02 -0.14	18.50 -0.04 -0.21	17.94 -0.04 -0.24	19.35 -0.02 -0.02	18.44 0.00 -0.07	18.88 -0.02 -0.13	20.64 -0.04 -0.04	21.11 0.02 -0.22	20.78 0.02 -0.35	21.02 -0.02 -0.47	21.68 0.08 -0.64	21.89 0.13 -0.79	22.53 0.17 -1.01	23.29 0.18 -0.96	24.28 0.13 -2.35	28.99 0.13 -1.91	29.56 0.11 -1.74	29.72 0.06 -1.22	30.09 0.06 -0.32	28.90 0.06 -0.16	22.31 0.02 -0.51	21.76 0.06 -0.30
SYRACUSE___POWER 24017	21.26 0.00 -0.34	21.09 0.00 -0.18	20.12 -0.08 -0.15	18.46 -0.09 -0.22	17.90 -0.09 -0.25	19.27 -0.10 -0.02	18.37 -0.07 -0.07	18.81 -0.09 -0.14	20.56 -0.12 -0.04	21.04 -0.06 -0.23	20.71 -0.06 -0.37	20.96 -0.10 -0.49	21.62 0.00 -0.66	21.84 0.04 -0.82	22.48 0.09 -1.05	23.24 0.09 -1.00	24.28 0.04 -2.43	28.95 0.03 -1.98	29.51 0.00 -1.80	29.66 -0.06 -1.27	29.98 -0.06 -0.34	28.79 -0.06 -0.17	22.26 -0.04 -0.52	21.71 0.00 -0.31
TALLMAN___138KV_BK151 55660	25.48 1.36 -3.21	23.95 1.34 -1.69	22.72 1.26 -1.40	21.47 1.10 -2.04	21.16 1.05 -2.37	20.67 1.14 -0.18	20.10 1.07 -0.67	21.27 1.20 -1.31	22.41 1.40 -0.36	24.42 1.44 -2.11	25.19 1.37 -3.42	26.69 1.56 -4.56	28.81 1.66 -6.20	30.33 1.70 -7.66	33.16 1.75 -10.06	33.25 1.75 -9.35	47.45 1.77 -23.88	48.33 2.13 -19.26	47.01 2.13 -17.17	42.49 2.19 -11.85	34.92 2.08 -3.13	32.37 2.12 -1.57	28.32 1.63 -4.90	25.83 1.50 -2.94
TEALLAVE_115KV_TB7 355573	21.14 -0.06 -0.29	21.00 -0.06 -0.15	20.06 -0.12 -0.13	18.37 -0.15 -0.18	17.81 -0.14 -0.21	19.21 -0.15 -0.02	18.30 -0.13 -0.06	18.73 -0.15 -0.12	20.49 -0.19 -0.03	20.94 -0.13 -0.19	20.59 -0.12 -0.31	20.82 -0.16 -0.41	21.45 -0.06 -0.56	21.64 -0.02 -0.69	22.25 0.02 -0.88	23.01 0.02 -0.84	23.83 -0.02 -2.05	28.50 -0.11 -1.67	29.09 -0.14 -1.51	29.31 -0.20 -1.07	29.81 -0.18 -0.28	28.65 -0.17 -0.14	22.11 -0.11 -0.44	21.59 -0.06 -0.26
TELGRAPH_34_KV_EAST 80808	21.38 0.00 -0.47	21.14 -0.02 -0.25	19.98 -0.28 -0.20	18.26 -0.37 -0.30	17.74 -0.34 -0.34	18.95 -0.43 -0.03	17.97 -0.50 -0.10	18.31 -0.64 -0.19	19.79 -0.91 -0.05	20.32 -0.86 -0.31	20.02 -0.88 -0.50	20.35 -0.88 -0.66	21.50 -0.36 -0.90	21.84 -0.25 -1.11	22.62 -0.15 -1.42	23.37 -0.13 -1.36	24.82 -0.28 -3.30	29.23 -0.40 -2.69	29.41 -0.75 -2.44	29.48 -0.68 -1.72	29.56 -0.59 -0.45	28.59 -0.32 -0.23	22.21 -0.28 -0.71	22.08 0.26 -0.43
TEMPLE___115KV_TB 2 55572	21.16 -0.04 -0.29	21.03 -0.04 -0.15	20.06 -0.12 -0.13	18.39 -0.13 -0.19	17.83 -0.12 -0.22	19.23 -0.14 -0.02	18.32 -0.11 -0.06	18.75 -0.13 -0.12	20.51 -0.17 -0.03	20.96 -0.10 -0.19	20.61 -0.10 -0.31	20.84 -0.14 -0.42	21.48 -0.04 -0.56	21.67 0.00 -0.70	22.28 0.04 -0.89	23.05 0.04 -0.85	23.88 0.00 -2.07	28.55 -0.08 -1.69	29.14 -0.11 -1.54	29.35 -0.17 -1.08	29.81 -0.18 -0.29	28.68 -0.14 -0.14	22.12 -0.11 -0.45	21.62 -0.04 -0.27
TIANA___69_KV_BK 1 55817	37.15 3.12 -13.13	33.00 3.10 -8.99	30.24 2.87 -7.32	27.33 2.47 -6.52	27.01 2.38 -6.90	27.19 2.59 -5.25	26.96 2.42 -6.16	27.73 2.63 -6.34	29.97 3.01 -6.31	33.28 3.15 -9.26	39.26 3.02 -15.83	45.19 3.21 -21.41	50.37 3.29 -26.13	84.38 3.40 -60.01	135.67 3.42 -110.91	146.16 3.50 -120.52	144.33 3.49 -119.04	223.77 4.31 -192.52	194.38 4.38 -162.29	135.91 4.47 -103.00	135.77 4.43 -101.64	87.17 4.39 -54.10	48.64 3.40 -23.46	37.37 3.27 -12.70
TILDEN___115KV_TB1 80814	21.26 0.00 -0.34	21.09 0.00 -0.18	20.12 -0.08 -0.15	18.46 -0.09 -0.22	17.90 -0.09 -0.25	19.27 -0.10 -0.02	18.37 -0.07 -0.07	18.81 -0.09 -0.14	20.56 -0.12 -0.04	21.04 -0.06 -0.23	20.71 -0.06 -0.37	20.96 -0.10 -0.49	21.62 0.00 -0.66	21.84 0.04 -0.82	22.48 0.09 -1.05	23.24 0.09 -1.00	24.28 0.04 -2.43	28.95 0.03 -1.98	29.51 0.00 -1.80	29.66 -0.06 -1.27	29.98 -0.06 -0.34	28.79 -0.06 -0.17	22.26 -0.04 -0.52	21.71 0.00 -0.31
TRIGEN___CC 323695	35.34 1.82 -12.61	31.72 1.82 -8.99	29.10 1.72 -7.32	26.37 1.52 -6.52	26.11 1.47 -6.90	26.19 1.59 -5.25	26.02 1.49 -6.16	26.73 1.63 -6.34	28.81 1.86 -6.31	32.05 1.92 -9.26	37.16 1.80 -14.96	43.95 1.97 -21.41	49.18 2.10 -26.13	57.22 2.12 -34.13	45.79 2.16 -22.29	49.05 2.17 -24.73	53.75 2.18 -29.77	51.17 2.67 -21.56	49.22 2.72 -18.79	44.32 2.79 -13.09	36.72 2.67 -4.35	36.18 2.72 -4.77	37.65 2.16 -13.71	36.07 2.05 -12.62

TRINITY__115KV__4 BK 55933	25.90 0.63 -4.35	23.82 0.61 -2.30	22.53 0.58 -1.90	21.63 0.53 -2.77	21.49 0.53 -3.22	20.18 0.58 -0.24	19.85 0.57 -0.91	21.06 0.53 -1.77	21.75 0.62 -0.49	24.39 0.65 -2.87	25.69 0.65 -4.64	27.50 0.74 -6.18	30.15 0.78 -8.42	32.17 0.80 -10.39	35.17 0.81 -13.01	35.68 0.84 -12.69	52.16 0.83 -29.53	52.24 1.02 -24.27	51.23 1.03 -22.49	45.58 1.05 -16.08	35.09 1.13 -4.26	31.87 1.06 -2.13	29.22 0.78 -6.65	26.13 0.75 -3.98
UNION__PROCESSING_DRP 323587	21.45 0.15 -0.39	21.29 0.17 -0.21	20.15 -0.08 -0.17	18.45 -0.13 -0.25	17.94 -0.09 -0.29	19.20 -0.17 -0.02	18.27 -0.18 -0.08	18.64 -0.28 -0.16	20.29 -0.39 -0.04	20.82 -0.31 -0.26	20.50 -0.33 -0.42	20.80 -0.33 -0.56	21.76 0.04 -0.76	22.07 0.15 -0.94	22.79 0.23 -1.21	23.54 0.24 -1.15	24.76 0.15 -2.80	29.36 0.13 -2.28	29.73 -0.06 -2.07	29.85 -0.06 -1.46	30.06 -0.03 -0.39	28.99 0.11 -0.19	22.43 0.04 -0.60	22.08 0.32 -0.36
UPPER HUDSON__HYD 24058	26.46 1.02 -4.52	24.31 1.00 -2.39	22.91 0.88 -1.97	21.99 0.79 -2.88	21.93 0.85 -3.35	20.50 0.89 -0.25	20.16 0.85 -0.94	21.43 0.82 -1.84	22.16 1.01 -0.51	24.87 1.02 -2.98	26.14 0.92 -4.82	27.90 0.90 -6.42	30.64 0.94 -8.74	32.76 0.99 -10.80	35.80 0.94 -13.51	36.37 1.04 -13.18	53.66 1.22 -30.63	53.69 1.56 -25.18	52.67 1.61 -23.35	46.88 1.74 -16.70	36.23 2.11 -4.42	32.82 1.92 -2.21	29.98 1.28 -6.91	26.69 1.15 -4.14
UPPER RAQUET__HYD 24056	19.80 -1.11 0.00	19.82 -1.09 0.00	19.01 -1.04 0.00	17.54 -0.79 0.00	16.94 -0.80 0.00	18.54 -0.81 0.00	17.60 -0.77 0.00	17.99 -0.77 0.00	19.65 -0.99 0.00	19.83 -1.04 0.00	19.36 -1.04 0.00	19.52 -1.05 0.00	19.68 -1.28 0.00	19.63 -1.34 0.00	20.09 -1.26 0.00	20.69 -1.46 0.00	20.50 -1.31 0.00	25.46 -1.48 0.00	26.35 -1.36 0.00	27.08 -1.36 0.00	28.25 -1.45 0.00	27.11 -1.58 0.00	20.56 -1.22 0.00	20.11 -1.28 0.00
VALLEY44_115KV_TB2 355964	20.94 -0.56 -0.59	20.64 -0.59 -0.31	19.55 -0.76 -0.26	17.84 -0.86 -0.38	17.41 -0.76 -0.44	18.53 -0.85 -0.03	17.54 -0.96 -0.12	17.99 -1.01 -0.24	19.49 -1.22 -0.07	20.03 -1.23 -0.39	19.79 -1.24 -0.63	20.16 -1.25 -0.84	21.28 -0.82 -1.14	21.70 -0.69 -1.41	22.50 -0.66 -1.81	23.25 -0.62 -1.72	25.22 -0.78 -4.20	29.36 -1.00 -3.42	29.49 -1.33 -3.11	29.41 -1.22 -2.19	29.15 -1.13 -0.58	28.08 -0.89 -0.29	21.97 -0.72 -0.90	21.66 -0.28 -0.54
VALLEY__115KV_TB 1-4 80826	20.95 0.04 0.00	21.00 0.08 0.00	20.11 0.06 0.00	18.35 0.02 0.00	17.68 -0.05 0.00	19.37 0.02 0.00	18.35 -0.02 0.00	18.68 -0.08 0.00	20.58 -0.06 0.00	20.81 -0.06 0.00	20.30 -0.10 0.00	20.45 -0.12 0.00	20.81 -0.15 0.00	20.81 -0.17 0.00	21.16 -0.19 0.00	21.95 -0.20 0.00	21.56 -0.24 0.00	26.67 -0.27 0.00	27.49 -0.22 0.00	28.30 -0.14 0.00	29.64 -0.06 0.00	28.65 -0.03 0.00	21.76 -0.02 0.00	21.40 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.25 1.11 -1.23	22.69 1.13 -0.65	21.63 1.04 -0.54	19.99 0.88 -0.78	19.55 0.90 -0.91	20.41 0.99 -0.07	19.54 0.92 -0.26	20.22 0.96 -0.50	21.92 1.14 -0.14	22.87 1.19 -0.81	22.85 1.14 -1.31	23.53 1.21 -1.74	24.63 1.30 -2.37	25.27 1.36 -2.93	26.47 1.37 -3.75	27.19 1.46 -3.58	31.86 1.35 -8.71	35.68 1.64 -7.09	35.88 1.72 -6.45	34.83 1.85 -4.53	32.80 1.90 -1.20	31.09 1.81 -0.60	24.96 1.31 -1.87	23.78 1.26 -1.12
VISCHER__FERRY HYD 24020	26.27 0.94 -4.42	24.19 0.94 -2.33	22.86 0.88 -1.93	21.94 0.81 -2.81	21.80 0.80 -3.27	20.47 0.87 -0.25	20.12 0.83 -0.92	21.35 0.79 -1.80	22.07 0.93 -0.50	24.72 0.94 -2.91	26.05 0.94 -4.70	27.83 0.99 -6.27	30.54 1.05 -8.54	32.59 1.07 -10.54	35.45 1.02 -13.08	36.17 1.15 -12.87	52.34 1.11 -29.43	52.62 1.40 -24.27	51.79 1.41 -22.66	46.23 1.48 -16.31	35.62 1.60 -4.32	32.39 1.55 -2.16	29.66 1.13 -6.75	26.55 1.11 -4.04
V_A_10_SYNC_DSASP 323832	21.21 -0.15 -0.44	21.00 -0.15 -0.23	19.88 -0.36 -0.19	18.19 -0.42 -0.28	17.67 -0.39 -0.32	18.83 -0.54 -0.02	17.93 -0.53 -0.09	18.26 -0.68 -0.18	19.80 -0.89 -0.05	20.30 -0.86 -0.29	19.99 -0.88 -0.47	20.31 -0.88 -0.62	21.39 -0.42 -0.85	21.71 -0.31 -1.05	22.45 -0.23 -1.34	23.21 -0.22 -1.28	24.55 -0.37 -3.11	28.94 -0.54 -2.53	29.13 -0.89 -2.30	29.24 -0.82 -1.62	29.33 -0.80 -0.43	28.38 -0.52 -0.21	22.04 -0.41 -0.67	21.86 0.06 -0.40
V_CMM_10_SYNC_DSASP 323787	20.45 -0.46 0.00	20.45 -0.46 0.00	19.65 -0.40 0.00	18.03 -0.29 0.00	17.43 -0.30 0.00	19.02 -0.33 0.00	18.06 -0.31 0.00	18.46 -0.30 0.00	20.27 -0.37 0.00	20.45 -0.42 0.00	20.02 -0.39 0.00	20.18 -0.39 0.00	20.41 -0.54 0.00	20.39 -0.59 0.00	20.86 -0.49 0.00	21.49 -0.66 0.00	21.22 -0.59 0.00	26.27 -0.67 0.00	27.08 -0.64 0.00	27.79 -0.65 0.00	29.02 -0.68 0.00	27.91 -0.77 0.00	21.22 -0.57 0.00	20.80 -0.60 0.00
V_CMP_10_SYNC_DSASP 323788	20.64 -0.27 0.00	20.66 -0.25 0.00	19.75 -0.30 0.00	18.13 -0.20 0.00	17.58 -0.16 0.00	19.10 -0.25 0.00	18.17 -0.20 0.00	18.59 -0.17 0.00	20.44 -0.21 0.00	20.60 -0.27 0.00	20.10 -0.31 0.00	20.24 -0.33 0.00	20.31 -0.65 0.00	20.16 -0.82 0.00	20.54 -0.81 0.00	21.13 -1.02 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.07 -0.37 0.00	29.32 -0.39 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.80 -0.60 0.00
V_E_10_SYNC_DSASP 323830	23.45 1.61 -0.93	23.12 1.72 -0.49	21.96 1.50 -0.41	20.17 1.25 -0.59	19.58 1.15 -0.69	20.91 1.51 -0.05	19.92 1.36 -0.19	20.45 1.31 -0.38	22.11 1.36 -0.11	22.86 1.38 -0.61	22.66 1.27 -0.99	23.19 1.30 -1.32	24.18 1.43 -1.80	24.69 1.49 -2.22	25.56 1.37 -2.85	26.59 1.73 -2.71	30.09 1.68 -6.61	34.50 2.18 -5.38	35.07 2.47 -4.89	34.64 2.76 -3.44	33.53 2.91 -0.91	31.81 2.67 -0.46	25.06 1.85 -1.42	24.09 1.84 -0.85
V_F_30_NSYNC__DSASP 323816	26.63 1.21 -4.51	24.51 1.21 -2.38	23.12 1.10 -1.97	22.18 0.99 -2.87	22.08 1.01 -3.34	20.69 1.08 -0.25	20.34 1.03 -0.94	21.59 0.99 -1.84	22.33 1.18 -0.51	25.03 1.19 -2.97	26.39 1.18 -4.80	28.19 1.21 -6.40	30.95 1.28 -8.71	33.06 1.32 -10.76	36.08 1.28 -13.45	36.68 1.40 -13.13	53.70 1.44 -30.45	53.80 1.81 -25.05	52.82 1.86 -23.25	47.03 1.94 -16.65	36.28 2.17 -4.41	32.92 2.04 -2.20	30.11 1.44 -6.89	26.89 1.37 -4.12
V_F_30_SYNC_DSASP 323786	26.02 0.71 -4.39	23.92 0.69 -2.32	22.63 0.66 -1.92	21.73 0.60 -2.79	21.57 0.59 -3.25	20.24 0.64 -0.25	19.91 0.62 -0.91	21.15 0.60 -1.79	21.84 0.70 -0.50	24.50 0.73 -2.89	25.84 0.75 -4.68	27.66 0.84 -6.24	30.33 0.88 -8.49	32.37 0.90 -10.49	35.40 0.92 -13.13	35.93 0.97 -12.80	52.53 0.94 -29.79	52.59 1.16 -24.48	51.57 1.16 -22.70	45.87 1.19 -16.23	35.28 1.28 -4.29	32.04 1.20 -2.15	29.39 0.89 -6.71	26.25 0.83 -4.02
V_XM_10_SYNC_DSASP 323789	20.64 -0.27 0.00	20.66 -0.25 0.00	19.75 -0.30 0.00	18.13 -0.20 0.00	17.58 -0.16 0.00	19.10 -0.25 0.00	18.17 -0.20 0.00	18.59 -0.17 0.00	20.44 -0.21 0.00	20.60 -0.27 0.00	20.10 -0.31 0.00	20.24 -0.33 0.00	20.31 -0.65 0.00	20.16 -0.82 0.00	20.54 -0.81 0.00	21.13 -1.02 0.00	21.06 -0.74 0.00	26.30 -0.65 0.00	27.38 -0.33 0.00	28.07 -0.37 0.00	29.32 -0.39 0.00	27.97 -0.72 0.00	21.26 -0.52 0.00	20.80 -0.60 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.55 1.40 -3.23	24.02 1.40 -1.71	22.79 1.32 -1.41	21.54 1.15 -2.06	21.23 1.10 -2.39	20.73 1.20 -0.18	20.16 1.12 -0.67	21.33 1.26 -1.32	22.47 1.47 -0.36	24.50 1.50 -2.13	25.28 1.43 -3.44	26.79 1.63 -4.59	28.92 1.72 -6.25	30.46 1.76 -7.72	33.31 1.81 -10.14	33.38 1.82 -9.42	47.71 1.83 -24.08	48.57 2.21 -19.42	47.23 2.22 -17.30	42.66 2.28 -11.94	35.06 2.20 -3.16	32.47 2.21 -1.58	28.42 1.70 -4.94	25.91 1.56 -2.96
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.91 1.61 -3.39	24.29 1.59 -1.79	23.04 1.50 -1.48	21.78 1.30 -2.15	21.48 1.24 -2.51	20.90 1.35 -0.19	20.34 1.27 -0.70	21.58 1.44 -1.38	22.68 1.65 -0.38	24.81 1.71 -2.23	25.65 1.63 -3.61	27.21 1.83 -4.81	29.45 1.95 -6.55	31.06 1.99 -8.09	34.02 2.03 -10.65	34.04 2.02 -9.87	49.14 2.05 -25.29	49.81 2.48 -20.39	48.33 2.47 -18.15	43.47 2.50 -12.52	35.39 2.38 -3.31	32.81 2.47 -1.66	28.88 1.92 -5.18	26.27 1.78 -3.10
W50THST__13_KV_LOAD 356117	26.02 1.71 -3.39	24.38 1.67 -1.79	23.12 1.58 -1.48	21.86 1.37 -2.15	21.56 1.31 -2.51	20.97 1.43 -0.19	20.42 1.34 -0.70	21.66 1.52 -1.38	22.76 1.73 -0.38	24.92 1.82 -2.23	25.73 1.71 -3.61	27.32 1.93 -4.81	29.56 2.05 -6.55	31.18 2.12 -8.09	34.13 2.13 -10.65	34.15 2.13 -9.87	49.25 2.16 -25.29	49.94 2.61 -20.39	48.47 2.60 -18.15	43.61 2.65 -12.52	35.51 2.50 -3.31	32.95 2.61 -1.66	28.98 2.03 -5.18	26.38 1.88 -3.10
WADING RIVER_IC_1 23522	36.82 2.78 -13.12	32.68 2.78 -8.99	29.96 2.59 -7.32	27.09 2.24 -6.52	26.78 2.15 -6.90	26.94 2.34 -5.25	26.70 2.17 -6.16	27.46 2.36 -6.34	29.63 2.68 -6.31	32.93 2.80 -9.26	38.87 2.63 -15.83	44.73 2.76 -21.41	50.00 2.91 -26.13	83.80 2.87 -59.95	134.93 2.86 -110.72	145.47 3.01 -120.31	143.66 3.01 -118.85	222.82 3.74 -192.14	176.96 3.80 -145.45	135.17 3.93 -102.79	134.98 3.86 -101.42	86.52 3.84 -53.99	48.24 3.03 -23.43	37.03 2.93 -12.70
WADING RIVER_IC_2 23547	36.82 2.78 -13.12	32.68 2.78 -8.99	29.96 2.59 -7.32	27.09 2.24 -6.52	26.78 2.15 -6.90	26.94 2.34 -5.25	26.70 2.17 -6.16	27.46 2.36 -6.34	29.63 2.68 -6.31	32.93 2.80 -9.26	38.87 2.63 -15.83	44.73 2.76 -21.41	50.00 2.91 -26.13	83.80 2.87 -59.95	134.93 2.86 -110.72	145.47 3.01 -120.31	143.66 3.01 -118.85	222.82 3.74 -192.14	176.96 3.80 -145.45	135.17 3.93 -102.79	134.98 3.86 -101.42	86.52 3.84 -53.99	48.24 3.03 -23.43	37.03 2.93 -12.70
WADING RIVER_IC_3 23601	36.82 2.78 -13.12	32.68 2.78 -8.99	29.96 2.59 -7.32	27.09 2.24 -6.52	26.78 2.15 -6.90	26.94 2.34 -5.25	26.70 2.17 -6.16	27.46 2.36 -6.34	29.63 2.68 -6.31	32.93 2.80 -9.26	38.87 2.63 -15.83	44.73 2.76 -21.41	50.00 2.91 -26.13	83.80 2.87 -59.95	134.93 2.86 -110.72	145.47 3.01 -120.31	143.66 3.01 -118.85	222.82 3.74 -192.14	176.96 3.80 -145.45	135.17 3.93 -102.79	134.98 3.86 -101.42	86.52 3.84 -53.99	48.24 3.03 -23.43	37.03 2.93 -12.70
WALDENNY_I2_KV_BK2 80841	21.36 -0.08 -0.53	21.07 -0.13 -0.28	19.94 -0.34 -0.23	18.22 -0.44 -0.33	17.73 -0.39 -0.39	18.90 -0.48 -0.03	17.89 -0.59 -0.11	18.28 -0.69 -0.21	19.71 -0.99 -0.06	20.26 -0.96 -0.35	19.99 -0.98 -0.56	20.35 -0.97 -0.75	21.53 -0.44 -1.02	21.92 -0.31 -1.26	22.70 -0.26 -1.61	23.48 -0.20 -1.53	25.16 -0.37 -3.73	29.44 -0.54 -3.04	29.56 -0.91 -2.76	29.59 -0.80 -1.94	29.48 -0.74 -0.51	28.51 -0.43 -0.26	22.22 -0.37 -0.80	22.07 0.19 -0.48
WALDEN___HYDRO 24148	25.51 1.34 -3.26	23.95 1.32 -1.72	22.72 1.24 -1.42	21.48 1.08 -2.07	21.17 1.03 -2.41	20.68 1.14 -0.18	20.08 1.03 -0.68	21.23 1.14 -1.33	22.35 1.34 -0.37	24.35 1.34 -2.15	25.14 1.27 -3.47	26.60 1.53 -4.63	28.78 1.55 -6.30	30.31 1.58 -7.78	33.10 1.66 -10.18	33.30 1.66 -9.49	47.55 1.70 -24.05	48.44 2.07 -19.43	47.25 2.16 -17.38	42.76 2.28 -12.04	35.06 2.17 -3.18	32.45 2.18 -1.59	28.41 1.65 -4.98	25.90 1.52 -2.98
WARRENSBURG____ 23737	26.46 1.02 -4.52	24.31 1.00 -2.39	22.91 0.88 -1.97	21.99 0.79 -2.88	21.93 0.85 -3.35	20.50 0.89 -0.25	20.16 0.85 -0.94	21.43 0.82 -1.84	22.16 1.01 -0.51	24.87 1.02 -2.98	26.14 0.92 -4.82	27.90 0.90 -6.42	30.64 0.94 -8.74	32.76 0.99 -10.80	35.80 0.94 -13.51	36.37 1.04 -13.18	53.66 1.22 -30.63	53.69 1.56 -25.18	52.67 1.61 -23.35	46.88 1.74 -16.70	36.23 2.11 -4.42	32.82 1.92 -2.21	29.98 1.28 -6.91	26.69 1.15 -4.14
WATERSIDE____6 8 9 23538	26.02 1.71 -3.40	24.40 1.69 -1.80	23.12 1.58 -1.49	21.86 1.37 -2.16	21.58 1.33 -2.51	20.98 1.43 -0.19	20.36 1.29 -0.70	21.60 1.46 -1.38	22.65 1.63 -0.38	24.84 1.73 -2.23	25.65 1.63 -3.61	27.26 1.87 -4.81	25.17 1.99 -2.23	31.12 2.06 -8.09	34.06 2.07 -10.64	33.99 1.97 -9.87	49.12 2.03 -25.29	49.75 2.42 -20.39	48.24 2.38 -18.15	43.41 2.45 -12.52	35.33 2.32 -3.31	32.89 2.55 -1.65	28.96 2.00 -5.17	26.39 1.88 -3.11
WATKINRD_115KV_LN8_ILLION 55919	20.95 0.04 0.00	20.98 0.06 0.00	20.11 0.06 0.00	18.35 0.02 0.00	17.72 -0.02 0.00	19.39 0.04 0.00	18.39 0.02 0.00	18.74 -0.02 0.00	20.62 -0.02 0.00	20.85 -0.02 0.00	20.36 -0.04 0.00	20.53 -0.04 0.00	20.89 -0.06 0.00	20.91 -0.06 0.00	21.28 -0.06 0.00	22.08 -0.07 0.00	21.72 -0.09 0.00	26.86 -0.08 0.00	27.66 -0.06 0.00	28.44 0.00 0.00	29.76 0.06 0.00	28.74 0.06 0.00	21.83 0.04 0.00	21.44 0.04 0.00
WATSON____69_KV_BK 1 55734	36.50 2.72 -12.87	32.62 2.72 -8.99	29.90 2.53 -7.32	27.05 2.20 -6.52	26.75 2.11 -6.90	26.88 2.28 -5.25	26.66 2.13 -6.16	27.41 2.31 -6.34	29.57 2.62 -6.31	32.89 2.76 -9.26	38.40 2.59 -15.40	44.71 2.74 -21.41	49.89 2.81 -26.13	71.17 2.85 -47.34	90.72 2.84 -66.53	97.57 2.88 -72.55	99.04 2.90 -74.33	138.66 3.58 -108.14	93.05 3.63 -61.71	91.18 3.75 -58.98	87.43 3.71 -54.01	62.45 3.81 -29.95	47.79 3.03 -22.97	36.99 2.93 -12.66
WDELAWARE___HYD 323627	24.90 1.05 -2.94	23.49 1.02 -1.55	22.28 0.94 -1.28	20.98 0.79 -1.87	20.69 0.78 -2.17	20.37 0.85 -0.16	19.74 0.75 -0.61	20.82 0.86 -1.20	22.00 1.03 -0.33	23.85 1.04 -1.93	24.49 0.96 -3.13	25.81 1.07 -4.17	27.85 1.21 -5.68	29.25 1.26 -7.01	31.75 1.28 -9.12	32.06 1.35 -8.56	44.64 1.40 -21.44	46.03 1.73 -17.36	45.17 1.86 -15.60	41.23 1.94 -10.85	34.36 1.78 -2.87	31.90 1.78 -1.44	27.62 1.35 -4.49	25.28 1.20 -2.69
WEST BABYLON___IC 23714	36.12 2.53 -12.68	32.43 2.53 -8.99	29.74 2.37 -7.32	26.91 2.05 -6.52	26.61 1.97 -6.90	26.75 2.15 -5.25	26.54 2.00 -6.16	27.26 2.16 -6.34	29.41 2.46 -6.31	32.70 2.57 -9.26	37.89 2.41 -15.08	44.51 2.53 -21.41	49.68 2.60 -26.13	61.32 2.64 -37.70	56.96 2.67 -32.95	61.10 2.70 -36.25	65.01 2.70 -40.50	74.33 3.34 -44.05	63.01 3.41 -31.89	57.46 3.53 -25.49	50.97 3.51 -17.76	43.87 3.61 -11.57	41.73 2.85 -17.09	36.76 2.74 -12.63
WEST CANADA___HYD 24049	20.98 0.06 0.00	20.98 0.06 0.00	20.09 0.04 0.00	18.37 0.04 0.00	17.77 0.04 0.00	19.39 0.04 0.00	18.41 0.04 0.00	18.80 0.04 0.00	20.68 0.04 0.00	20.91 0.04 0.00	20.45 0.04 0.00	20.59 0.02 0.00	21.00 0.04 0.00	21.02 0.04 0.00	21.37 0.02 0.00	22.22 0.07 0.00	21.85 0.04 0.00	27.00 0.05 0.00	27.77 0.06 0.00	28.53 0.09 0.00	29.82 0.12 0.00	28.80 0.12 0.00	21.87 0.09 0.00	21.48 0.09 0.00

WESTERN_NY_WIND 24143	21.64 0.27 -0.46	21.43 0.27 -0.24	20.19 -0.06 -0.20	18.47 -0.15 -0.29	17.97 -0.11 -0.34	19.20 -0.17 -0.03	18.23 -0.24 -0.10	18.55 -0.39 -0.19	20.07 -0.62 -0.05	20.61 -0.56 -0.30	20.28 -0.61 -0.49	20.64 -0.58 -0.65	21.74 -0.10 -0.88	22.11 0.04 -1.09	22.38 -0.36 -1.40	23.64 0.16 -1.33	25.09 0.04 -3.24	29.64 0.05 -2.64	29.95 -0.17 -2.40	30.02 -0.11 -1.69	30.12 -0.03 -0.45	29.11 0.20 -0.22	22.57 0.09 -0.70	22.37 0.56 -0.42
WESTOVER___LESR 323668	22.18 0.27 -0.99	21.73 0.29 -0.52	20.67 0.18 -0.43	19.05 0.09 -0.63	18.56 0.09 -0.74	19.52 0.12 -0.06	18.67 0.09 -0.21	19.24 0.08 -0.40	20.84 0.08 -0.11	21.63 0.10 -0.65	21.54 0.08 -1.06	22.09 0.10 -1.41	23.15 0.27 -1.92	23.68 0.34 -2.37	24.75 0.36 -3.04	25.44 0.40 -2.89	29.18 0.33 -7.05	33.09 0.40 -5.74	33.29 0.36 -5.22	32.49 0.37 -3.67	31.09 0.42 -0.97	29.63 0.46 -0.49	23.63 0.33 -1.52	22.71 0.41 -0.91
WETHRSFD_WT_PWR 323626	21.36 -0.15 -0.59	21.06 -0.17 -0.31	19.97 -0.34 -0.26	18.26 -0.44 -0.37	17.80 -0.37 -0.44	18.96 -0.43 -0.03	17.96 -0.53 -0.12	18.38 -0.62 -0.24	19.86 -0.85 -0.07	20.42 -0.84 -0.39	20.16 -0.88 -0.63	20.52 -0.88 -0.84	21.64 -0.46 -1.14	22.01 -0.38 -1.41	22.40 -0.75 -1.80	23.60 -0.26 -1.72	25.62 -0.37 -4.18	29.89 -0.46 -3.41	30.12 -0.69 -3.10	30.05 -0.57 -2.18	29.78 -0.51 -0.58	28.71 -0.26 -0.29	22.44 -0.24 -0.90	22.15 0.21 -0.54
WHAVSTOR_138KV_BK127 55557	25.47 1.32 -3.24	23.94 1.32 -1.71	22.71 1.24 -1.41	21.47 1.08 -2.06	21.16 1.03 -2.40	20.66 1.12 -0.18	20.11 1.07 -0.67	21.26 1.18 -1.32	22.39 1.38 -0.37	24.42 1.42 -2.13	25.20 1.35 -3.45	26.69 1.52 -4.60	28.83 1.61 -6.26	30.36 1.66 -7.73	33.19 1.69 -10.16	33.29 1.71 -9.43	47.62 1.70 -24.11	48.46 2.07 -19.45	47.12 2.08 -17.33	42.54 2.13 -11.96	34.89 2.02 -3.16	32.33 2.07 -1.58	28.32 1.59 -4.95	25.83 1.48 -2.96
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.47 1.32 -3.24	23.94 1.32 -1.71	22.71 1.24 -1.41	21.47 1.08 -2.06	21.16 1.03 -2.40	20.66 1.12 -0.18	20.11 1.07 -0.67	21.26 1.18 -1.32	22.39 1.38 -0.37	24.42 1.42 -2.13	25.20 1.35 -3.45	26.69 1.52 -4.60	28.83 1.61 -6.26	30.36 1.66 -7.73	33.19 1.69 -10.16	33.29 1.71 -9.43	47.62 1.70 -24.11	48.46 2.07 -19.45	47.12 2.08 -17.33	42.54 2.13 -11.96	34.89 2.02 -3.16	32.33 2.07 -1.58	28.32 1.59 -4.95	25.83 1.48 -2.96
WHITEHAL_115KV_TB1 80871	27.02 1.59 -4.52	24.85 1.55 -2.39	23.41 1.38 -1.97	22.43 1.23 -2.87	22.37 1.29 -3.34	20.96 1.35 -0.25	20.63 1.32 -0.94	21.89 1.29 -1.84	22.70 1.55 -0.51	25.43 1.59 -2.97	26.74 1.53 -4.81	28.53 1.54 -6.41	31.22 1.53 -8.73	33.31 1.55 -10.78	36.41 1.58 -13.48	36.99 1.68 -13.16	54.24 1.88 -30.56	54.47 2.40 -25.13	53.49 2.47 -23.31	47.71 2.59 -16.68	37.27 3.15 -4.41	33.64 2.75 -2.21	30.58 1.90 -6.90	27.26 1.73 -4.13
WHITEPLN_13_KV_LOAD 356215	26.03 1.74 -3.38	24.39 1.69 -1.78	23.13 1.60 -1.47	21.87 1.39 -2.15	21.51 1.28 -2.50	21.01 1.47 -0.19	20.43 1.36 -0.70	21.64 1.50 -1.38	22.74 1.71 -0.38	24.89 1.79 -2.22	25.72 1.71 -3.60	27.32 1.95 -4.80	29.56 2.07 -6.53	31.16 2.12 -8.07	34.20 2.24 -10.62	34.25 2.26 -9.84	49.38 2.35 -25.22	50.13 2.86 -20.33	48.67 2.85 -18.10	43.83 2.90 -12.48	35.74 2.73 -3.30	33.06 2.72 -1.65	29.01 2.07 -5.16	26.41 1.93 -3.09
WM_FLOYD_69_KV_BK2 356380	36.76 2.72 -13.13	32.62 2.72 -8.99	29.90 2.53 -7.32	27.03 2.18 -6.52	26.71 2.08 -6.90	26.86 2.26 -5.25	26.65 2.11 -6.16	27.39 2.29 -6.34	29.55 2.60 -6.31	32.85 2.71 -9.26	38.78 2.53 -15.84	44.67 2.69 -21.41	49.83 2.75 -26.13	84.17 2.83 -60.36	136.24 2.82 -112.08	146.78 2.86 -121.78	144.90 2.88 -120.22	225.36 3.58 -194.84	234.36 3.66 -202.99	136.47 3.78 -104.24	136.43 3.74 -102.98	87.25 3.79 -54.78	48.34 2.96 -23.59	36.96 2.87 -12.70
WOODARD___115KV_TB2 355635	21.10 -0.10 -0.29	20.98 -0.08 -0.15	20.02 -0.16 -0.13	18.35 -0.16 -0.19	17.79 -0.16 -0.22	19.19 -0.17 -0.02	18.28 -0.15 -0.06	18.71 -0.17 -0.12	20.47 -0.21 -0.03	20.90 -0.17 -0.19	20.57 -0.14 -0.31	20.78 -0.21 -0.41	21.41 -0.10 -0.56	21.61 -0.06 -0.70	22.20 -0.04 -0.89	22.98 -0.02 -0.85	23.81 -0.07 -2.07	28.49 -0.13 -1.68	29.08 -0.17 -1.53	29.29 -0.23 -1.08	29.78 -0.21 -0.28	28.62 -0.14 -0.14	22.08 -0.15 -0.44	21.55 -0.11 -0.27
YORK___WARBASSE 23770	26.15 1.84 -3.40	24.53 1.82 -1.80	23.26 1.72 -1.49	21.99 1.50 -2.16	21.69 1.44 -2.52	21.08 1.53 -0.20	20.40 1.32 -0.70	21.66 1.52 -1.38	22.70 1.67 -0.38	24.90 1.79 -2.23	25.71 1.69 -3.61	27.32 1.93 -4.81	59.84 2.07 -36.81	31.20 2.14 -8.09	34.17 2.16 -10.67	34.04 2.02 -9.87	49.24 2.11 -25.32	49.90 2.56 -20.40	48.41 2.52 -18.17	43.55 2.59 -12.52	35.45 2.44 -3.31	33.08 2.72 -1.67	29.10 2.11 -5.20	26.51 2.01 -3.11