

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/29/2023

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	25.21	23.53	21.94	21.04	21.46	22.23	26.84	28.01	29.82	30.70	31.86	30.44	29.94	27.31	26.17	25.74	26.57	32.25	34.08	35.16	37.16	30.34	26.97	24.95
24138	2.40	2.13	1.53	1.46	1.46	1.56	1.70	1.90	2.74	2.66	2.49	2.51	2.76	2.46	2.47	2.29	2.32	2.49	2.65	2.93	2.98	2.43	1.89	1.51
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
74TH STREET_GT_1	25.21	23.51	21.97	21.06	21.47	22.25	26.86	28.05	29.84	30.73	31.91	30.49	29.97	27.35	26.19	25.77	26.59	32.27	34.10	35.19	37.18	30.36	26.99	24.97
24260	2.40	2.11	1.56	1.47	1.47	1.58	1.72	1.94	2.77	2.69	2.54	2.56	2.78	2.51	2.49	2.31	2.34	2.51	2.67	2.95	3.00	2.45	1.91	1.53
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
74TH STREET_GT_2	25.21	23.51	21.97	21.06	21.47	22.25	26.86	28.05	29.84	30.73	31.91	30.49	29.97	27.35	26.19	25.77	26.59	32.27	34.10	35.19	37.18	30.36	26.99	24.97
24261	2.40	2.11	1.56	1.47	1.47	1.58	1.72	1.94	2.77	2.69	2.54	2.56	2.78	2.51	2.49	2.31	2.34	2.51	2.67	2.95	3.00	2.45	1.91	1.53
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
ADK HUDSON___FALLS	24.44	23.13	22.73	21.74	22.26	22.90	28.36	29.26	29.71	31.02	32.88	31.01	29.85	27.26	25.86	25.69	26.60	33.43	35.39	36.13	37.81	31.27	28.24	26.65
24011	1.50	1.33	1.02	0.98	1.02	1.09	1.26	1.39	2.00	2.10	2.00	1.99	2.00	1.77	1.82	1.50	1.63	1.68	1.83	1.99	1.96	1.70	1.32	0.98
	-0.55	-1.91	-6.30	-5.74	-6.05	-5.55	-9.54	-8.50	-3.00	-4.27	-7.37	-5.31	-3.22	-3.11	-1.62	-3.59	-3.54	-9.71	-10.35	-9.31	-11.03	-8.07	-9.05	-10.98
ADK RESOURCE___RCVRY	24.54	23.21	22.81	21.82	22.36	23.00	28.48	29.40	29.83	31.20	33.06	31.18	30.02	27.39	25.99	25.81	26.75	33.57	35.57	36.34	38.02	31.43	28.36	26.77
23798	1.61	1.41	1.08	1.04	1.09	1.17	1.35	1.51	2.13	2.27	2.16	2.16	2.17	1.90	1.95	1.61	1.76	1.79	1.97	2.16	2.14	1.83	1.41	1.06
	-0.54	-1.91	-6.32	-5.77	-6.07	-5.57	-9.57	-8.52	-3.00	-4.28	-7.39	-5.32	-3.22	-3.11	-1.61	-3.61	-3.55	-9.74	-10.38	-9.34	-11.06	-8.10	-9.09	-11.02
ADK S GLENS___FALLS	24.44	23.13	22.73	21.74	22.26	22.90	28.36	29.26	29.71	31.02	32.88	31.01	29.85	27.26	25.86	25.69	26.60	33.43	35.39	36.13	37.81	31.27	28.24	26.65
24028	1.50	1.33	1.02	0.98	1.02	1.09	1.26	1.39	2.00	2.10	2.00	1.99	2.00	1.77	1.82	1.50	1.63	1.68	1.83	1.99	1.96	1.70	1.32	0.98
	-0.55	-1.91	-6.30	-5.74	-6.05	-5.55	-9.54	-8.50	-3.00	-4.27	-7.37	-5.31	-3.22	-3.11	-1.62	-3.59	-3.54	-9.71	-10.35	-9.31	-11.03	-8.07	-9.05	-10.98
ADK_NYS___DAM	24.32	22.95	22.46	21.49	21.97	22.64	27.86	28.76	29.31	30.49	32.25	30.48	29.40	26.91	25.52	25.46	26.33	32.91	34.79	35.48	36.92	30.72	27.77	26.19
23527	1.41	1.23	0.97	0.93	0.94	1.03	1.11	1.20	1.73	1.73	1.65	1.66	1.68	1.54	1.55	1.40	1.48	1.50	1.60	1.66	1.64	1.44	1.18	0.91
	-0.52	-1.83	-6.07	-5.54	-5.84	-5.35	-9.20	-8.19	-2.88	-4.11	-7.10	-5.11	-3.09	-2.99	-1.55	-3.47	-3.41	-9.36	-9.97	-8.97	-10.45	-7.78	-8.73	-10.59
AIR_PRODUCTS___DRP	23.58	22.32	21.88	20.96	21.42	22.05	27.21	28.07	28.45	29.64	31.40	29.67	28.61	26.15	24.82	24.74	25.58	32.07	33.91	34.60	36.24	29.95	27.09	25.59
24190	0.67	0.62	0.46	0.47	0.47	0.50	0.56	0.60	0.89	0.91	0.87	0.90	0.91	0.81	0.85	0.72	0.77	0.77	0.84	0.89	0.87	0.75	0.61	0.44
	-0.53	-1.82	-6.00	-5.47	-5.76	-5.28	-9.09	-8.10	-2.86	-4.07	-7.03	-5.06	-3.07	-2.96	-1.54	-3.42	-3.37	-9.25	-9.86	-8.87	-10.55	-7.69	-8.62	-10.46
AKWESSNE_115KV_BK	22.03	19.58	15.21	14.79	14.96	16.01	17.28	19.04	24.15	24.13	23.02	23.21	24.05	21.88	21.91	20.14	20.96	21.56	22.72	24.06	24.01	20.55	17.46	14.39
355683	-0.36	-0.32	-0.23	-0.26	-0.26	-0.28	-0.32	-0.37	-0.57	-0.54	-0.52	-0.52	-0.59	-0.51	-0.52	-0.47	-0.49	-0.53	-0.53	-0.65	-0.62	-0.54	-0.45	-0.34
	0.00	-0.01	-0.03	-0.02	-0.02	-0.02	-0.04	-0.03	-0.01	-0.02	-0.03	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.04	-0.04	0.13	0.19	0.42	-0.04	-0.04
ALBANY___1	23.58	22.32	21.88	20.96	21.42	22.05	27.21	28.07	28.45	29.64	31.40	29.67	28.61	26.15	24.82	24.74	25.58	32.07	33.91	34.60	36.24	29.95	27.09	25.59
23571	0.67	0.62	0.46	0.47	0.47	0.50	0.56	0.60	0.89	0.91	0.87	0.90	0.91	0.81	0.85	0.72	0.77	0.77	0.84	0.89	0.87	0.75	0.61	0.44
	-0.53	-1.82	-6.00	-5.47	-5.76	-5.28	-9.09	-8.10	-2.86	-4.07	-7.03	-5.06	-3.07	-2.96	-1.54	-3.42	-3.37	-9.25	-9.86	-8.87	-10.55	-7.69	-8.62	-10.46
ALBANY___2	23.58	22.32	21.88	20.96	21.42	22.05	27.21	28.07	28.45	29.64	31.40	29.67	28.61	26.15	24.82	24.74	25.58	32.07	33.91	34.60	36.24	29.95	27.09	25.59
23572	0.67	0.62	0.46	0.47	0.47	0.50	0.56	0.60	0.89	0.91	0.87	0.90	0.91	0.81	0.85	0.72	0.77	0.77	0.84	0.89	0.87	0.75	0.61	0.44
	-0.53	-1.82	-6.00	-5.47	-5.76	-5.28	-9.09	-8.10	-2.86	-4.07	-7.03	-5.06	-3.07	-2.96	-1.54	-3.42	-3.37	-9.25	-9.86	-8.87	-10.55	-7.69	-8.62	-10.46
ALBANY___3	23.58	22.32	21.88	20.96	21.42	22.05	27.21	28.07	28.45	29.64	31.40	29.67	28.61	26.15	24.82	24.74	25.58	32.07	33.91	34.60	36.24	29.95	27.09	25.59
23573	0.67	0.62	0.46	0.47	0.47	0.50	0.56	0.60	0.89	0.91	0.87	0.90	0.91	0.81	0.85	0.72	0.77	0.77	0.84	0.89	0.87	0.75	0.61	0.44
	-0.53	-1.82	-6.00	-5.47	-5.76	-5.28	-9.09	-8.10	-2.86	-4.07	-7.03	-5.06	-3.07	-2.96	-1.54	-3.42	-3.37	-9.25	-9.86	-8.87	-10.55	-7.69	-8.62	-10.46

ALBANY___4 23574	23.58 0.67 -0.53	22.32 0.62 -1.82	21.88 0.46 -6.00	20.96 0.47 -5.47	21.42 0.47 -5.76	22.05 0.50 -5.28	27.21 0.56 -9.09	28.07 0.60 -8.10	28.45 0.89 -2.86	29.64 0.91 -4.07	31.40 0.87 -7.03	29.67 0.90 -5.06	28.61 0.91 -3.07	26.15 0.81 -2.96	24.82 0.85 -1.54	24.74 0.72 -3.42	25.58 0.77 -3.37	32.07 0.77 -9.25	33.91 0.84 -9.86	34.60 0.89 -8.87	36.24 0.87 -10.55	29.95 0.75 -7.69	27.09 0.61 -8.62	25.59 0.44 -10.46
ALBANY___LFGE 323615	23.78 0.87 -0.53	22.54 0.80 -1.85	22.14 0.59 -6.14	21.23 0.60 -5.61	21.70 0.61 -5.91	22.31 0.63 -5.41	27.59 0.72 -9.31	28.43 0.78 -8.29	28.73 1.11 -2.91	29.97 1.16 -4.16	31.80 1.11 -7.19	30.02 1.14 -5.17	28.94 1.18 -3.13	26.43 1.03 -3.03	25.07 1.08 -1.57	25.03 0.93 -3.51	25.86 0.97 -3.45	32.49 0.97 -9.47	34.35 1.05 -10.09	35.06 1.14 -9.08	36.71 1.12 -10.77	30.32 0.95 -7.87	27.45 0.75 -8.83	25.98 0.57 -10.72
ALCOA_PA_115KV_PL-6C 55860	22.12 -0.27 0.00	19.66 -0.24 -0.01	15.28 -0.17 -0.03	14.85 -0.20 -0.03	15.02 -0.20 -0.03	16.06 -0.23 -0.03	17.36 -0.25 -0.05	19.10 -0.31 -0.04	24.15 -0.57 -0.02	24.16 -0.52 -0.02	23.08 -0.47 -0.04	23.29 -0.45 -0.03	24.11 -0.54 -0.02	21.92 -0.47 -0.02	21.96 -0.47 -0.01	20.20 -0.41 -0.02	21.01 -0.45 -0.02	21.61 -0.49 -0.05	22.78 -0.49 -0.05	24.11 -0.60 0.14	24.05 -0.57 0.21	20.55 -0.49 0.45	17.50 -0.41 -0.05	14.45 -0.29 -0.06
ALCOA_RYNLDS___DRP 24188	22.12 -0.27 0.00	19.66 -0.24 -0.01	15.28 -0.17 -0.03	14.85 -0.20 -0.03	15.02 -0.20 -0.03	16.06 -0.23 -0.03	17.36 -0.25 -0.05	19.10 -0.31 -0.04	24.15 -0.57 -0.02	24.16 -0.52 -0.02	23.08 -0.47 -0.04	23.29 -0.45 -0.03	24.11 -0.54 -0.02	21.92 -0.47 -0.02	21.96 -0.47 -0.01	20.20 -0.41 -0.02	21.01 -0.45 -0.02	21.61 -0.49 -0.05	22.78 -0.49 -0.05	24.11 -0.60 0.14	24.05 -0.57 0.21	20.55 -0.49 0.45	17.50 -0.41 -0.05	14.45 -0.29 -0.06
ALCOA___DSASP 323711	22.12 -0.27 0.00	19.65 -0.24 0.00	15.25 -0.17 0.00	14.82 -0.20 0.00	14.99 -0.20 0.00	16.03 -0.23 0.00	17.29 -0.26 0.00	19.06 -0.31 0.00	24.14 -0.57 0.00	24.14 -0.52 0.00	23.04 -0.47 0.00	23.26 -0.45 0.00	24.09 -0.54 0.00	21.91 -0.47 0.00	21.95 -0.47 0.00	20.18 -0.41 0.00	20.99 -0.45 0.00	21.56 -0.49 0.00	22.73 -0.49 0.00	24.10 -0.57 0.17	24.04 -0.55 0.24	20.56 -0.49 0.45	17.46 -0.41 0.00	14.39 -0.29 0.00
ALLEGHENY___COGEN 23514	40.97 -0.40 -18.99	35.68 -0.36 -16.15	22.06 -0.28 -6.92	18.22 -0.27 -3.47	18.44 -0.26 -3.51	19.69 -0.23 -3.66	29.08 0.04 -11.48	40.62 0.08 -21.18	49.17 -0.07 -24.54	49.46 -0.10 -24.91	47.94 -0.28 -24.71	47.70 -0.26 -24.25	48.77 -0.32 -24.46	37.42 -0.34 -15.38	37.05 0.31 -14.31	24.67 0.21 -3.87	25.48 0.24 -3.80	33.29 0.46 -10.78	35.97 0.74 -12.01	36.91 0.87 -11.20	44.27 0.92 -18.52	32.07 0.84 -9.73	19.82 0.61 -1.35	16.85 0.53 -1.64
ALTAMONT_115KV_TB 2 55880	23.87 0.96 -0.53	22.56 0.86 -1.81	22.06 0.66 -5.98	21.12 0.65 -5.46	21.59 0.65 -5.75	22.23 0.70 -5.27	27.39 0.77 -9.06	28.28 0.83 -8.07	28.74 1.19 -2.85	29.90 1.18 -4.06	31.64 1.13 -7.00	29.89 1.14 -5.04	28.87 1.18 -3.06	26.41 1.07 -2.95	25.03 1.08 -1.54	24.96 0.95 -3.41	25.81 1.01 -3.36	32.30 1.04 -9.22	34.13 1.09 -9.83	34.90 1.22 -8.84	36.57 1.19 -10.56	30.20 1.03 -7.67	27.26 0.80 -8.59	25.75 0.63 -10.43
ALTONA_WT_PWR 323606	22.05 -0.34 0.00	19.59 -0.30 0.00	15.20 -0.22 0.00	14.73 -0.29 0.00	14.89 -0.30 0.00	15.89 -0.37 0.00	17.19 -0.37 0.00	18.90 -0.47 0.00	23.97 -0.74 0.00	23.94 -0.72 0.00	22.62 -0.89 0.00	22.76 -0.95 0.00	23.43 -1.21 0.00	21.24 -1.14 0.00	21.23 -1.19 0.00	19.50 -1.09 0.00	20.32 -1.12 0.00	20.81 -1.23 0.00	21.89 -1.32 0.00	23.12 -1.56 0.16	22.96 -1.64 0.23	19.62 -1.46 0.42	16.65 -1.22 0.00	13.63 -1.06 0.00
AMERICAN_REF_FUEL 24010	16.84 -1.27 4.27	15.40 -1.09 3.40	14.05 -0.79 0.58	14.46 -0.71 -0.15	14.61 -0.77 -0.19	15.60 -0.73 -0.07	15.65 -0.86 1.05	14.88 -1.05 3.45	18.06 -1.51 5.14	18.19 -1.45 5.01	17.65 -1.41 4.44	17.58 -1.45 4.68	18.05 -1.50 5.08	17.93 -1.43 3.02	18.05 -1.34 3.02	19.17 -1.11 0.31	19.98 -1.16 0.30	19.92 -1.21 0.92	20.90 -1.28 1.04	22.25 -1.56 1.03	20.85 -1.59 2.39	19.36 -1.25 0.90	17.85 -1.23 -1.22	15.42 -0.75 -1.48
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.13 -1.21 4.05	15.68 -1.04 3.17	14.15 -0.92 0.34	14.31 -1.02 -0.32	14.52 -1.03 -0.36	15.39 -1.11 -0.24	15.97 -0.86 0.72	15.56 -0.78 3.04	18.77 -1.14 4.80	18.95 -1.06 4.64	18.52 -0.96 4.02	18.43 -0.97 4.31	18.95 -0.94 4.74	18.79 -0.80 2.78	18.94 -0.65 2.83	19.41 -1.01 0.18	20.26 -1.01 0.17	20.57 -0.93 0.55	21.76 -0.77 0.69	23.66 -0.47 0.71	22.40 -0.47 1.95	20.28 -0.60 0.62	18.41 -0.86 -1.40	15.77 -0.62 -1.70
ARTHUR_KILL_GT_1 23520	25.04 2.22 -0.44	23.38 1.97 -1.52	21.86 1.43 -5.01	20.96 1.37 -4.57	21.39 1.38 -4.82	22.12 1.45 -4.42	26.65 1.51 -7.59	27.79 1.67 -6.75	29.53 2.45 -2.38	30.42 2.37 -3.39	31.59 2.21 -5.87	30.19 2.25 -4.23	29.71 2.51 -2.56	27.09 2.24 -2.48	25.93 2.22 -1.29	25.55 2.08 -2.87	26.37 2.10 -2.82	32.08 2.31 -7.72	33.88 2.46 -8.21	34.98 2.76 -7.39	36.98 2.80 -9.35	30.16 2.24 -6.42	26.82 1.73 -7.22	24.86 1.41 -8.76
ARTHUR_KILL_2 23512	24.99 2.17 -0.44	23.32 1.91 -1.52	21.83 1.40 -5.01	20.91 1.32 -4.57	21.34 1.34 -4.82	22.08 1.40 -4.42	26.60 1.46 -7.59	27.75 1.63 -6.75	29.48 2.40 -2.38	30.34 2.29 -3.39	31.54 2.16 -5.87	30.14 2.21 -4.23	29.66 2.46 -2.56	27.03 2.17 -2.48	25.89 2.17 -1.29	25.49 2.02 -2.87	26.32 2.06 -2.82	32.02 2.25 -7.72	33.82 2.39 -8.21	34.88 2.66 -7.39	36.88 2.71 -9.35	30.09 2.17 -6.42	26.78 1.70 -7.22	24.81 1.37 -8.76
ARTHUR_KILL_3 23513	25.03 2.22 -0.43	23.37 1.97 -1.51	21.86 1.45 -5.00	20.95 1.37 -4.56	21.38 1.38 -4.81	22.13 1.46 -4.41	26.70 1.56 -7.58	27.88 1.76 -6.75	29.62 2.55 -2.37	30.51 2.47 -3.38	31.68 2.31 -5.86	30.28 2.35 -4.22	29.75 2.56 -2.56	27.15 2.31 -2.47	25.99 2.29 -1.28	25.58 2.12 -2.86	26.40 2.14 -2.82	32.07 2.31 -7.71	33.87 2.44 -8.22	34.94 2.71 -7.39	36.96 2.78 -9.36	30.21 2.30 -6.41	26.85 1.77 -7.21	24.85 1.41 -8.75
ARTHUR_KILL_COGEN 323718	25.04 2.22 -0.44	23.38 1.97 -1.52	21.86 1.43 -5.01	20.96 1.37 -4.57	21.39 1.38 -4.82	22.12 1.45 -4.42	26.65 1.51 -7.59	27.79 1.67 -6.75	29.53 2.45 -2.38	30.42 2.37 -3.39	31.59 2.21 -5.87	30.19 2.25 -4.23	29.71 2.51 -2.56	27.09 2.24 -2.48	25.93 2.22 -1.29	25.55 2.08 -2.87	26.37 2.10 -2.82	32.08 2.31 -7.72	33.88 2.46 -8.21	34.98 2.76 -7.39	36.98 2.80 -9.35	30.16 2.24 -6.42	26.82 1.73 -7.22	24.86 1.41 -8.76
ASHOKAN____ 23654	23.28 0.42 -0.48	21.92 0.36 -1.67	21.21 0.26 -5.53	20.32 0.26 -5.05	20.75 0.24 -5.31	21.41 0.28 -4.87	26.23 0.30 -8.38	27.16 0.33 -7.46	27.99 0.67 -2.62	29.09 0.69 -3.74	30.59 0.61 -6.47	28.88 0.52 -4.65	28.04 0.59 -2.82	25.66 0.56 -2.72	24.35 0.52 -1.41	24.21 0.45 -3.16	25.08 0.54 -3.10	31.08 0.51 -8.52	32.83 0.53 -9.08	33.73 0.72 -8.17	35.57 0.82 -9.93	29.28 0.69 -7.09	26.26 0.45 -7.95	24.67 0.34 -9.65

ASTORIA_EAST_ENERGY_CC1 323581	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_EAST_ENERGY_CC2 323582	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT2_1 24094	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT2_2 24095	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT2_3 24096	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT2_4 24097	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT3_1 24098	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT3_2 24099	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT3_3 24100	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT3_4 24101	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT4_1 24102	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT4_2 24103	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT4_3 24104	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT4_4 24105	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA_GT_1 23523	25.24 2.42 -0.44	23.57 2.17 -1.52	22.01 1.59 -5.01	21.11 1.52 -4.57	21.54 1.53 -4.82	22.32 1.64 -4.42	26.90 1.76 -7.59	28.10 1.98 -6.75	29.88 2.79 -2.38	30.81 2.76 -3.39	31.97 2.59 -5.87	30.52 2.58 -4.23	29.95 2.76 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.79 2.33 -2.87	26.62 2.36 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.41 2.49 -6.42	27.01 1.93 -7.22	25.00 1.56 -8.76

ASTORIA_GT_10 24110	25.24 2.42 -0.44	23.55 2.15 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.27 1.59 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.77 2.31 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.19 3.00 -9.36	30.39 2.47 -6.42	27.01 1.93 -7.22	24.99 1.54 -8.76
ASTORIA_GT_11 24225	25.24 2.42 -0.44	23.55 2.15 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.27 1.59 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.77 2.31 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.19 3.00 -9.36	30.39 2.47 -6.42	27.01 1.93 -7.22	24.99 1.54 -8.76
ASTORIA_GT_12 24226	25.24 2.42 -0.44	23.55 2.15 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.27 1.59 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.77 2.31 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.19 3.00 -9.36	30.39 2.47 -6.42	27.01 1.93 -7.22	24.99 1.54 -8.76
ASTORIA_GT_13 24227	25.24 2.42 -0.44	23.55 2.15 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.27 1.59 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.77 2.31 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.19 3.00 -9.36	30.39 2.47 -6.42	27.01 1.93 -7.22	24.99 1.54 -8.76
ASTORIA_GT_5 24106	25.24 2.42 -0.44	23.57 2.17 -1.52	22.01 1.59 -5.01	21.11 1.52 -4.57	21.54 1.53 -4.82	22.32 1.64 -4.42	26.90 1.76 -7.59	28.10 1.98 -6.75	29.88 2.79 -2.38	30.81 2.76 -3.39	31.97 2.59 -5.87	30.52 2.58 -4.23	29.95 2.76 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.79 2.33 -2.87	26.62 2.36 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.41 2.49 -6.42	27.01 1.93 -7.22	25.00 1.56 -8.76
ASTORIA_GT_7 24107	25.24 2.42 -0.44	23.57 2.17 -1.52	22.01 1.59 -5.01	21.11 1.52 -4.57	21.54 1.53 -4.82	22.32 1.64 -4.42	26.90 1.76 -7.59	28.10 1.98 -6.75	29.88 2.79 -2.38	30.81 2.76 -3.39	31.97 2.59 -5.87	30.52 2.58 -4.23	29.95 2.76 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.79 2.33 -2.87	26.62 2.36 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.41 2.49 -6.42	27.01 1.93 -7.22	25.00 1.56 -8.76
ASTORIA_GT_8 24108	25.24 2.42 -0.44	23.57 2.17 -1.52	22.01 1.59 -5.01	21.11 1.52 -4.57	21.54 1.53 -4.82	22.32 1.64 -4.42	26.90 1.76 -7.59	28.10 1.98 -6.75	29.88 2.79 -2.38	30.81 2.76 -3.39	31.97 2.59 -5.87	30.52 2.58 -4.23	29.95 2.76 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.79 2.33 -2.87	26.62 2.36 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.41 2.49 -6.42	27.01 1.93 -7.22	25.00 1.56 -8.76
ASTORIA___2 24149	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.09 1.50 -4.57	21.51 1.50 -4.82	22.30 1.63 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.83 2.74 -2.38	30.78 2.74 -3.39	31.94 2.56 -5.87	30.50 2.56 -4.23	29.93 2.73 -2.56	27.34 2.48 -2.48	26.16 2.44 -1.29	25.75 2.29 -2.87	26.58 2.32 -2.82	32.24 2.47 -7.72	34.06 2.62 -8.23	35.12 2.88 -7.40	37.14 2.95 -9.36	30.39 2.47 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
ASTORIA___3 23516	25.24 2.42 -0.44	23.55 2.15 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.27 1.59 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.77 2.31 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.19 3.00 -9.36	30.39 2.47 -6.42	27.01 1.93 -7.22	24.99 1.54 -8.76
ASTORIA___4 23517	25.26 2.42 -0.46	23.57 2.15 -1.53	22.01 1.57 -5.03	21.09 1.49 -4.59	21.52 1.50 -4.83	22.28 1.59 -4.43	26.89 1.72 -7.61	28.09 1.94 -6.79	29.88 2.77 -2.41	30.76 2.69 -3.42	31.94 2.54 -5.89	30.52 2.56 -4.25	30.00 2.78 -2.58	27.37 2.51 -2.49	26.21 2.49 -1.30	25.78 2.31 -2.87	26.60 2.34 -2.83	32.31 2.51 -7.74	34.11 2.65 -8.25	35.22 2.96 -7.43	37.26 3.00 -9.43	30.44 2.49 -6.44	27.01 1.93 -7.22	24.99 1.54 -8.76
ASTORIA___5 23518	25.24 2.42 -0.44	23.55 2.15 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.27 1.59 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.36 2.51 -2.48	26.20 2.49 -1.29	25.77 2.31 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.19 3.00 -9.36	30.39 2.47 -6.42	27.01 1.93 -7.22	24.99 1.54 -8.76
AST_ENERGY_2_CC3 323677	25.07 2.26 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.98 1.40 -4.56	21.39 1.40 -4.81	22.15 1.48 -4.41	26.73 1.60 -7.58	27.90 1.78 -6.75	29.65 2.57 -2.37	30.53 2.49 -3.38	31.72 2.35 -5.86	30.30 2.37 -4.22	29.80 2.61 -2.56	27.18 2.33 -2.47	26.01 2.31 -1.28	25.62 2.16 -2.86	26.44 2.19 -2.82	32.10 2.34 -7.71	33.92 2.49 -8.22	34.99 2.76 -7.39	36.98 2.80 -9.36	30.21 2.30 -6.41	26.86 1.79 -7.21	24.88 1.44 -8.75
AST_ENERGY_2_CC4 323678	25.07 2.26 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.98 1.40 -4.56	21.39 1.40 -4.81	22.15 1.48 -4.41	26.73 1.60 -7.58	27.90 1.78 -6.75	29.65 2.57 -2.37	30.53 2.49 -3.38	31.72 2.35 -5.86	30.30 2.37 -4.22	29.80 2.61 -2.56	27.18 2.33 -2.47	26.01 2.31 -1.28	25.62 2.16 -2.86	26.44 2.19 -2.82	32.10 2.34 -7.71	33.92 2.49 -8.22	34.99 2.76 -7.39	36.98 2.80 -9.36	30.21 2.30 -6.41	26.86 1.79 -7.21	24.88 1.44 -8.75
ATHENS_STG_1 23668	24.10 1.25 -0.47	22.65 1.11 -1.64	21.69 0.83 -5.45	20.78 0.80 -4.97	21.23 0.80 -5.23	21.92 0.86 -4.80	26.76 0.95 -8.25	27.76 1.05 -7.34	28.80 1.51 -2.58	29.82 1.48 -3.69	31.29 1.41 -6.37	29.71 1.42 -4.58	28.91 1.50 -2.77	26.43 1.37 -2.68	25.18 1.37 -1.39	24.94 1.24 -3.11	25.76 1.26 -3.06	31.77 1.32 -8.40	33.55 1.39 -8.95	34.43 1.54 -8.05	36.12 1.56 -9.73	29.79 1.31 -6.98	26.73 1.04 -7.83	25.00 0.81 -9.50
ATHENS_STG_2 23670	24.10 1.25 -0.47	22.65 1.11 -1.64	21.69 0.83 -5.45	20.78 0.80 -4.97	21.23 0.80 -5.23	21.92 0.86 -4.80	26.76 0.95 -8.25	27.76 1.05 -7.34	28.80 1.51 -2.58	29.82 1.48 -3.69	31.29 1.41 -6.37	29.71 1.42 -4.58	28.91 1.50 -2.77	26.43 1.37 -2.68	25.18 1.37 -1.39	24.94 1.24 -3.11	25.76 1.26 -3.06	31.77 1.32 -8.40	33.55 1.39 -8.95	34.43 1.54 -8.05	36.12 1.56 -9.73	29.79 1.31 -6.98	26.73 1.04 -7.83	25.00 0.81 -9.50

ATHENS_STG_3 23677	24.10 1.25 -0.47	22.65 1.11 -1.64	21.69 0.83 -5.45	20.78 0.80 -4.97	21.23 0.80 -5.23	21.92 0.86 -4.80	26.76 0.95 -8.25	27.76 1.05 -7.34	28.80 1.51 -2.58	29.82 1.48 -3.69	31.29 1.41 -6.37	29.71 1.42 -4.58	28.91 1.50 -2.77	26.43 1.37 -2.68	25.18 1.37 -1.39	24.94 1.24 -3.11	25.76 1.26 -3.06	31.77 1.32 -8.40	33.55 1.39 -8.95	34.43 1.54 -8.05	36.12 1.56 -9.73	29.79 1.31 -6.98	26.73 1.04 -7.83	25.00 0.81 -9.50
AUBURN___LFG 323710	22.65 0.18 -0.09	20.26 0.14 -0.23	16.21 0.11 -0.69	15.78 0.14 -0.63	15.97 0.12 -0.66	17.03 0.16 -0.61	18.85 0.25 -1.05	20.79 0.46 -0.95	25.64 0.57 -0.37	25.75 0.59 -0.50	24.86 0.52 -0.84	24.82 0.50 -0.61	25.56 0.54 -0.39	23.23 0.49 -0.36	23.14 0.52 -0.20	21.44 0.45 -0.40	22.30 0.47 -0.39	23.64 0.53 -1.07	24.91 0.56 -1.14	26.49 0.62 -1.03	26.72 0.62 -1.27	22.95 0.54 -0.91	19.26 0.41 -0.98	16.11 0.24 -1.19
BABYLON_RES_REC 323704	25.52 2.71 -0.43	23.72 2.33 -1.51	22.08 1.67 -5.00	21.15 1.56 -4.57	21.61 1.61 -4.81	22.44 1.77 -4.41	27.10 1.97 -7.58	28.36 2.25 -6.75	30.24 3.16 -2.37	31.29 3.25 -3.38	33.27 2.94 -6.82	35.43 2.92 -8.81	34.14 3.10 -6.40	32.54 2.84 -7.32	32.27 2.83 -7.02	33.01 2.57 -9.84	31.59 2.68 -7.47	34.33 2.87 -9.42	36.74 3.04 -10.49	35.64 3.35 -7.45	43.42 3.38 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.11 1.67 -8.75
BABYLON__69_KV_BK2 356345	25.74 2.91 -0.45	23.92 2.51 -1.53	22.22 1.79 -5.02	21.28 1.68 -4.58	21.76 1.75 -4.82	22.55 1.87 -4.42	27.22 2.05 -7.60	28.57 2.42 -6.78	30.49 3.38 -2.40	31.57 3.50 -3.41	33.50 3.15 -6.84	35.69 3.15 -8.83	34.38 3.33 -6.42	32.73 3.02 -7.33	32.48 3.03 -7.03	33.20 2.76 -9.84	31.78 2.87 -7.47	34.55 3.06 -9.44	36.98 3.25 -10.51	35.92 3.60 -7.48	43.73 3.62 -15.29	34.19 3.03 -9.66	29.25 2.43 -8.96	25.23 1.79 -8.75
BARON_WINDS___WT_PWR 323822	-9.24 -0.20 31.42	-6.37 -0.16 26.10	6.36 -0.25 8.80	11.37 -0.36 3.28	11.61 -0.36 3.22	12.20 -0.37 3.68	2.41 -0.16 14.98	-12.24 0.00 31.60	-14.98 -0.07 39.62	-15.04 -0.02 39.67	-14.55 -0.07 37.99	-14.48 -0.07 38.12	-14.81 -0.05 39.39	-1.97 -0.07 24.28	-0.67 0.07 23.16	15.40 -0.31 4.88	16.34 -0.30 4.80	8.06 -0.24 13.75	7.60 -0.09 15.52	10.46 0.25 14.62	-0.86 0.27 25.96	8.89 0.09 12.70	19.38 -0.20 -1.71	16.70 -0.06 -2.07
BARRETT_IC_1 23704	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_10 23701	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_11 23702	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_12 23703	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_2 23705	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_3 23706	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_4 23707	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_5 23708	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_6 23709	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_7 23710	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75

BARRETT_IC_8 23711	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT_IC_9 23700	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT___1 23545	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BARRETT___2 23546	25.39 2.57 -0.43	23.63 2.23 -1.51	22.00 1.59 -5.00	21.09 1.50 -4.57	21.53 1.53 -4.81	22.34 1.68 -4.41	26.95 1.81 -7.58	28.17 2.05 -6.75	29.99 2.91 -2.37	30.97 2.93 -3.38	32.97 2.63 -6.82	35.13 2.61 -8.81	33.86 2.83 -6.40	32.29 2.59 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.35 2.44 -7.47	34.00 2.53 -9.42	36.37 2.67 -10.49	35.27 2.98 -7.45	43.02 2.98 -15.22	33.67 2.54 -9.63	28.93 2.11 -8.96	25.04 1.60 -8.75
BATAVIA___115KV_TB1 55881	21.93 -0.38 0.08	19.69 -0.30 -0.10	15.88 -0.18 -0.66	15.52 -0.14 -0.63	15.69 -0.17 -0.67	16.77 -0.10 -0.61	18.47 -0.11 -1.02	19.98 -0.21 -0.83	24.48 -0.40 -0.17	24.57 -0.39 -0.31	23.76 -0.42 -0.67	23.67 -0.47 -0.44	24.33 -0.49 -0.19	22.11 -0.51 -0.24	22.07 -0.43 -0.08	20.70 -0.27 -0.37	21.55 -0.26 -0.37	22.81 -0.24 -1.01	24.09 -0.23 -1.10	25.44 -0.40 -1.00	25.62 -0.40 -1.19	22.12 -0.26 -0.87	18.61 -0.30 -1.05	15.90 -0.06 -1.27
BAYONEEC___CTG1 323682	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG10 323750	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG2 323683	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG3 323684	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG4 323685	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG5 323686	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG6 323687	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG7 323688	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG8 323689	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
BAYONEEC___CTG9 323749	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75

BEACON___LESR 323632	23.93 1.03 -0.52	22.65 0.93 -1.83	22.16 0.69 -6.05	21.25 0.71 -5.52	21.72 0.71 -5.81	22.34 0.75 -5.33	27.55 0.83 -9.17	28.44 0.91 -8.16	28.91 1.33 -2.87	30.13 1.38 -4.09	31.92 1.34 -7.07	30.17 1.37 -5.09	29.12 1.40 -3.08	26.59 1.23 -2.98	25.22 1.25 -1.55	25.12 1.07 -3.45	25.97 1.14 -3.40	32.52 1.15 -9.33	34.38 1.23 -9.94	35.12 1.34 -8.94	36.74 1.31 -10.60	30.37 1.12 -7.75	27.46 0.89 -8.70	25.93 0.69 -10.55
BEAVER RIVER___HYD 24048	22.16 -0.25 -0.02	19.72 -0.24 -0.07	15.45 -0.20 -0.24	14.89 -0.34 -0.22	15.08 -0.33 -0.23	16.10 -0.37 -0.21	17.53 -0.39 -0.36	19.24 -0.44 -0.32	24.18 -0.64 -0.11	24.10 -0.72 -0.16	23.06 -0.73 -0.28	23.13 -0.78 -0.20	23.99 -0.76 -0.12	21.73 -0.76 -0.12	21.70 -0.79 -0.06	20.01 -0.72 -0.13	20.84 -0.73 -0.13	21.77 -0.64 -0.36	23.04 -0.56 -0.39	24.85 -0.50 -0.51	24.98 -0.50 -0.65	21.74 -0.49 -0.73	17.83 -0.38 -0.34	14.78 -0.32 -0.41
BEEBEE_GT_13 23619	21.96 -0.40 0.02	19.66 -0.36 -0.13	15.87 -0.17 -0.62	15.54 -0.06 -0.58	15.76 -0.05 -0.61	16.79 -0.03 -0.56	18.30 -0.19 -0.94	19.91 -0.25 -0.79	24.52 -0.40 -0.21	24.60 -0.39 -0.34	23.77 -0.40 -0.66	23.75 -0.40 -0.45	24.47 -0.39 -0.23	22.28 -0.36 -0.26	22.24 -0.29 -0.11	20.93 -0.02 -0.36	21.79 0.00 -0.35	22.96 -0.04 -0.96	24.14 -0.09 -1.02	25.44 -0.32 -0.92	25.59 -0.35 -1.11	22.12 -0.19 -0.81	18.81 0.02 -0.93	15.92 0.10 -1.13
BENSHRST_27_KV_BENSHRST_1 355998	25.32 2.48 -0.46	23.61 2.19 -1.53	22.04 1.60 -5.03	21.12 1.52 -4.59	21.55 1.53 -4.83	22.30 1.61 -4.43	26.91 1.74 -7.61	28.11 1.96 -6.79	29.93 2.82 -2.41	30.79 2.71 -3.42	31.96 2.56 -5.89	30.56 2.61 -4.25	30.07 2.86 -2.58	27.42 2.55 -2.49	26.28 2.56 -1.30	25.82 2.35 -2.87	26.67 2.40 -2.83	32.39 2.60 -7.74	34.23 2.76 -8.25	35.35 3.08 -7.43	37.38 3.13 -9.43	30.48 2.54 -6.44	27.07 1.98 -7.22	25.03 1.59 -8.76
BETHLEHEM___GRP 23843	23.58 0.67 -0.53	22.32 0.62 -1.82	21.88 0.46 -6.00	20.96 0.47 -5.47	21.42 0.47 -5.76	22.05 0.50 -5.28	27.21 0.56 -9.09	28.07 0.60 -8.10	28.45 0.89 -2.86	29.64 0.91 -4.07	31.40 0.87 -7.03	29.67 0.90 -5.06	28.61 0.91 -3.07	26.15 0.81 -2.96	24.82 0.85 -1.54	24.74 0.72 -3.42	25.58 0.77 -3.37	32.07 0.77 -9.25	33.91 0.84 -9.86	34.60 0.89 -8.87	36.24 0.87 -10.55	29.95 0.75 -7.69	27.09 0.61 -8.62	25.59 0.44 -10.46
BETHLEHEM___GS1 323560	23.58 0.67 -0.52	22.33 0.62 -1.83	21.93 0.46 -6.05	21.01 0.47 -5.52	21.48 0.47 -5.82	22.10 0.50 -5.33	27.29 0.56 -9.17	28.13 0.60 -8.16	28.46 0.89 -2.87	29.66 0.91 -4.10	31.46 0.87 -7.08	29.70 0.90 -5.09	28.63 0.91 -3.08	26.16 0.80 -2.98	24.82 0.85 -1.55	24.77 0.72 -3.46	25.61 0.77 -3.40	32.15 0.77 -9.33	33.99 0.83 -9.94	34.68 0.89 -8.95	36.33 0.89 -10.61	30.01 0.75 -7.76	27.18 0.61 -8.70	25.69 0.44 -10.56
BETHLEHEM___GS2 323561	23.58 0.67 -0.52	22.33 0.62 -1.83	21.93 0.46 -6.05	21.01 0.47 -5.52	21.48 0.47 -5.82	22.10 0.50 -5.33	27.29 0.56 -9.17	28.13 0.60 -8.16	28.46 0.89 -2.87	29.66 0.91 -4.10	31.46 0.87 -7.08	29.70 0.90 -5.09	28.63 0.91 -3.08	26.16 0.80 -2.98	24.82 0.85 -1.55	24.77 0.72 -3.46	25.61 0.77 -3.40	32.15 0.77 -9.33	33.99 0.83 -9.94	34.68 0.89 -8.95	36.33 0.89 -10.61	30.01 0.75 -7.76	27.18 0.61 -8.70	25.69 0.44 -10.56
BETHLEHEM___GS3 323562	23.58 0.67 -0.52	22.33 0.62 -1.83	21.93 0.46 -6.05	21.01 0.47 -5.52	21.48 0.47 -5.82	22.10 0.50 -5.33	27.29 0.56 -9.17	28.13 0.60 -8.16	28.46 0.89 -2.87	29.66 0.91 -4.10	31.46 0.87 -7.08	29.70 0.90 -5.09	28.63 0.91 -3.08	26.16 0.80 -2.98	24.82 0.85 -1.55	24.77 0.72 -3.46	25.61 0.77 -3.40	32.15 0.77 -9.33	33.99 0.83 -9.94	34.68 0.89 -8.95	36.33 0.89 -10.61	30.01 0.75 -7.76	27.18 0.61 -8.70	25.69 0.44 -10.56
BETHLEHEM___STEEL 23779	21.27 -0.72 0.39	19.18 -0.58 0.13	15.55 -0.57 -0.71	15.07 -0.68 -0.72	15.26 -0.70 -0.77	16.24 -0.72 -0.69	18.25 -0.37 -1.06	19.58 -0.46 -0.68	23.78 -0.74 0.19	23.95 -0.69 0.01	23.26 -0.68 -0.43	23.15 -0.71 -0.15	23.74 -0.74 0.15	21.72 -0.72 -0.06	21.71 -0.58 0.13	20.06 -0.95 -0.41	20.83 -1.01 -0.40	22.15 -0.99 -1.09	23.47 -0.91 -1.16	25.21 -0.67 -1.04	25.29 -0.70 -1.16	21.68 -0.73 -0.91	18.26 -0.86 -1.25	15.70 -0.50 -1.51
BETHLHEM_115KV_TB1 79974	23.65 0.74 -0.53	22.38 0.68 -1.82	21.91 0.51 -5.99	20.99 0.51 -5.47	21.46 0.52 -5.76	22.09 0.55 -5.28	27.23 0.60 -9.08	28.11 0.66 -8.09	28.52 0.96 -2.85	29.68 0.96 -4.07	31.47 0.94 -7.02	29.71 0.95 -5.05	28.68 0.99 -3.07	26.21 0.87 -2.96	24.86 0.90 -1.54	24.80 0.78 -3.42	25.62 0.81 -3.36	32.12 0.84 -9.24	33.94 0.88 -9.84	34.66 0.97 -8.86	36.31 0.94 -10.54	30.00 0.82 -7.68	27.12 0.64 -8.61	25.62 0.48 -10.45
BETHPAGE_CC_5 323564	25.50 2.68 -0.43	23.72 2.33 -1.51	22.08 1.67 -5.00	21.15 1.56 -4.57	21.59 1.59 -4.81	22.43 1.76 -4.41	27.05 1.91 -7.58	28.30 2.19 -6.75	30.17 3.09 -2.37	31.20 3.16 -3.38	33.15 2.82 -6.82	35.36 2.84 -8.81	34.06 3.03 -6.40	32.45 2.75 -7.32	32.18 2.73 -7.02	32.95 2.51 -9.84	31.50 2.59 -7.47	34.22 2.76 -9.42	36.63 2.93 -10.49	35.52 3.23 -7.45	43.29 3.25 -15.22	33.84 2.71 -9.63	29.04 2.21 -8.96	25.11 1.67 -8.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.42 -0.60 0.36	19.29 -0.50 0.10	15.59 -0.55 -0.73	15.04 -0.72 -0.74	15.24 -0.73 -0.78	16.20 -0.76 -0.71	18.38 -0.28 -1.10	19.73 -0.37 -0.72	23.95 -0.62 0.14	24.12 -0.57 -0.03	23.43 -0.56 -0.48	23.31 -0.59 -0.20	23.91 -0.62 0.11	21.88 -0.58 -0.09	21.85 -0.47 0.10	20.03 -0.99 -0.42	20.80 -1.05 -0.41	22.16 -1.01 -1.13	23.53 -0.88 -1.20	25.39 -0.52 -1.08	25.49 -0.55 -1.21	21.78 -0.67 -0.94	18.24 -0.89 -1.27	15.70 -0.53 -1.54
BINGHAMTON___COGEN 23790	23.16 0.56 -0.22	20.96 0.50 -0.58	17.47 0.31 -1.74	16.84 0.24 -1.58	17.08 0.23 -1.66	18.05 0.26 -1.53	20.68 0.47 -2.64	22.29 0.52 -2.39	26.28 0.67 -0.90	26.60 0.69 -1.25	26.24 0.63 -2.10	25.88 0.64 -1.53	26.28 0.69 -0.96	23.88 0.60 -0.90	23.54 0.63 -0.49	21.96 0.37 -0.99	22.83 0.41 -0.98	25.15 0.42 -2.69	26.59 0.51 -2.87	28.22 0.79 -2.58	28.80 0.79 -3.18	24.33 0.58 -2.25	20.68 0.34 -2.48	18.00 0.31 -3.00
BIXINCNT_115KV_LOAD 355685	21.53 -0.69 0.16	19.45 -0.54 -0.10	15.61 -0.71 -0.91	14.87 -1.02 -0.87	15.11 -1.00 -0.92	16.07 -1.02 -0.84	18.65 -0.28 -1.37	20.16 -0.29 -1.08	24.37 -0.49 -0.16	24.60 -0.42 -0.36	23.94 -0.42 -0.86	23.75 -0.50 -0.53	24.39 -0.44 -0.20	22.25 -0.43 -0.30	22.27 -0.22 -0.07	19.98 -1.13 -0.52	20.75 -1.20 -0.51	22.32 -1.12 -1.40	23.92 -0.79 -1.49	26.13 -0.05 -1.34	26.31 -0.10 -1.59	22.29 -0.39 -1.17	18.40 -0.89 -1.43	15.85 -0.57 -1.73
BLACK RIVER___HYD 24047	22.12 -0.29 -0.03	19.72 -0.26 -0.09	15.51 -0.22 -0.31	15.00 -0.30 -0.28	15.21 -0.27 -0.30	16.21 -0.33 -0.27	17.73 -0.30 -0.47	19.46 -0.33 -0.42	24.36 -0.49 -0.15	24.25 -0.62 -0.21	23.19 -0.68 -0.36	23.23 -0.74 -0.26	24.12 -0.66 -0.16	21.86 -0.67 -0.15	21.78 -0.72 -0.08	20.11 -0.66 -0.18	20.97 -0.64 -0.17	21.97 -0.55 -0.48	23.30 -0.42 -0.51	25.11 -0.30 -0.57	25.26 -0.27 -0.71	21.90 -0.30 -0.70	18.08 -0.23 -0.44	15.01 -0.22 -0.54

BLACKRVR_115KV_TB2 79977	22.13 -0.29 -0.03	19.73 -0.26 -0.10	15.50 -0.22 -0.30	14.99 -0.30 -0.27	15.20 -0.27 -0.29	16.20 -0.33 -0.26	17.71 -0.30 -0.45	19.45 -0.33 -0.41	24.36 -0.49 -0.15	24.25 -0.62 -0.21	23.18 -0.68 -0.36	23.24 -0.74 -0.26	24.13 -0.67 -0.16	21.86 -0.67 -0.15	21.79 -0.72 -0.08	20.11 -0.66 -0.17	20.96 -0.64 -0.17	21.96 -0.55 -0.46	23.29 -0.42 -0.49	25.09 -0.30 -0.55	25.24 -0.27 -0.69	21.87 -0.30 -0.67	18.06 -0.23 -0.43	14.98 -0.22 -0.52
BLISS_WT_PWR 323608	18.10 -0.90 3.39	16.55 -0.72 2.62	14.45 -0.83 0.13	14.28 -1.14 -0.41	14.54 -1.11 -0.46	15.46 -1.14 -0.34	16.57 -0.62 0.37	16.64 -0.39 2.34	20.12 -0.62 3.96	20.31 -0.54 3.80	19.77 -0.54 3.20	19.60 -0.62 3.49	20.16 -0.57 3.91	19.63 -0.49 2.26	19.79 -0.29 2.34	19.36 -1.17 0.06	20.12 -1.26 0.06	20.68 -1.15 0.22	22.08 -0.81 0.32	24.28 -0.20 0.36	23.31 -0.15 1.36	20.73 -0.45 0.32	18.38 -0.89 -1.41	15.81 -0.59 -1.71
BLUE_CIRC_CHEM_DRP 24182	23.82 0.92 -0.52	22.51 0.84 -1.79	21.93 0.63 -5.89	21.02 0.63 -5.37	21.49 0.64 -5.66	22.13 0.68 -5.19	27.23 0.75 -8.92	28.15 0.83 -7.95	28.65 1.14 -2.81	29.81 1.16 -4.00	31.53 1.13 -6.90	29.81 1.14 -4.97	28.80 1.16 -3.01	26.32 1.03 -2.91	24.99 1.05 -1.51	24.86 0.91 -3.36	25.71 0.96 -3.31	32.12 0.99 -9.08	33.93 1.04 -9.67	34.69 1.14 -8.70	36.38 1.14 -10.42	30.04 0.99 -7.55	27.11 0.79 -8.46	25.57 0.62 -10.27
BOC_GAS_DRP 24189	23.80 0.90 -0.52	22.51 0.82 -1.80	21.97 0.62 -5.94	21.04 0.60 -5.42	21.51 0.61 -5.71	22.15 0.65 -5.24	27.27 0.70 -9.01	28.17 0.77 -8.02	28.65 1.11 -2.83	29.80 1.11 -4.04	31.53 1.06 -6.96	29.79 1.07 -5.01	28.78 1.11 -3.04	26.32 1.01 -2.94	24.96 1.01 -1.53	24.90 0.91 -3.39	25.72 0.94 -3.34	32.18 0.97 -9.16	34.00 1.02 -9.76	34.74 1.12 -8.79	36.44 1.12 -10.50	30.07 0.95 -7.62	27.16 0.75 -8.54	25.64 0.59 -10.36
BOONVILLE_115KV_TB1 79983	22.66 0.25 -0.03	20.18 0.22 -0.07	15.76 0.15 -0.19	15.25 0.06 -0.17	15.44 0.08 -0.18	16.49 0.07 -0.16	17.95 0.11 -0.28	19.69 0.06 -0.26	24.89 0.07 -0.11	24.85 0.05 -0.15	23.77 0.02 -0.24	23.91 0.02 -0.18	24.80 0.05 -0.12	22.48 0.00 -0.10	22.46 -0.02 -0.06	20.66 -0.04 -0.11	21.52 -0.02 -0.10	22.36 0.02 -0.29	23.61 0.09 -0.31	25.32 0.15 -0.33	25.39 0.15 -0.42	21.97 0.09 -0.38	18.20 0.07 -0.26	15.09 0.09 -0.32
BORALEX_4TH_BRANCH 23824	24.32 1.41 -0.52	22.95 1.23 -1.83	22.46 0.97 -6.07	21.49 0.93 -5.54	21.97 0.94 -5.84	22.64 1.03 -5.35	27.86 1.11 -9.20	28.76 1.20 -8.19	29.31 1.73 -2.88	30.49 1.73 -4.11	32.25 1.65 -7.10	30.48 1.66 -5.11	29.40 1.68 -3.09	26.91 1.54 -2.99	25.52 1.55 -1.55	25.46 1.40 -3.47	26.33 1.48 -3.41	32.91 1.50 -9.36	34.79 1.60 -9.97	35.48 1.66 -8.97	36.92 1.64 -10.45	30.72 1.44 -7.78	27.77 1.18 -8.73	26.19 0.91 -10.59
BOWLINE___1 23526	24.82 2.02 -0.42	23.15 1.77 -1.49	21.65 1.31 -4.93	20.76 1.25 -4.50	21.17 1.25 -4.74	21.92 1.32 -4.34	26.47 1.44 -7.47	27.63 1.61 -6.65	29.37 2.32 -2.34	30.28 2.29 -3.34	31.44 2.16 -5.77	30.02 2.16 -4.15	29.49 2.34 -2.52	26.91 2.10 -2.43	25.79 2.11 -1.26	25.35 1.94 -2.82	26.21 1.99 -2.77	31.75 2.10 -7.60	33.52 2.21 -8.10	34.63 2.51 -7.29	36.58 2.56 -9.20	29.93 2.11 -6.32	26.59 1.63 -7.10	24.60 1.29 -8.62
BOWLINE___2 23595	24.82 2.02 -0.42	23.15 1.77 -1.49	21.65 1.31 -4.93	20.76 1.25 -4.50	21.18 1.25 -4.74	21.92 1.32 -4.35	26.47 1.44 -7.47	27.63 1.61 -6.65	29.37 2.32 -2.34	30.29 2.29 -3.34	31.44 2.16 -5.77	30.02 2.16 -4.15	29.49 2.34 -2.52	26.91 2.10 -2.43	25.79 2.11 -1.26	25.35 1.94 -2.82	26.21 1.99 -2.77	31.75 2.10 -7.60	33.52 2.21 -8.10	34.63 2.51 -7.29	36.58 2.56 -9.20	29.93 2.11 -6.32	26.59 1.63 -7.10	24.60 1.29 -8.62
BRADY___115KV_TB2 356060	22.07 -0.31 0.00	19.62 -0.28 -0.01	15.26 -0.20 -0.04	14.83 -0.23 -0.04	15.02 -0.21 -0.04	16.06 -0.24 -0.04	17.36 -0.26 -0.07	19.10 -0.33 -0.06	24.11 -0.62 -0.02	24.09 -0.59 -0.03	23.04 -0.52 -0.05	23.22 -0.52 -0.04	24.04 -0.62 -0.02	21.88 -0.51 -0.02	21.90 -0.54 -0.01	20.13 -0.49 -0.02	20.95 -0.51 -0.02	21.59 -0.53 -0.07	22.80 -0.49 -0.07	24.09 -0.60 0.15	24.02 -0.57 0.23	20.45 -0.54 0.52	17.50 -0.43 -0.06	14.44 -0.32 -0.08
BRANSCOMB___SOLAR 323811	24.29 1.37 -0.54	22.99 1.21 -1.89	22.61 0.92 -6.27	21.64 0.90 -5.72	22.14 0.93 -6.03	22.78 0.99 -5.53	28.18 1.12 -9.50	29.07 1.24 -8.46	29.43 1.75 -2.97	30.70 1.80 -4.24	32.58 1.74 -7.33	30.74 1.75 -5.28	29.58 1.75 -3.20	27.03 1.57 -3.09	25.64 1.62 -1.60	25.56 1.38 -3.58	26.42 1.46 -3.52	33.22 1.50 -9.67	35.14 1.62 -10.30	35.85 1.74 -9.27	37.52 1.74 -10.96	31.02 1.48 -8.04	28.06 1.18 -9.02	26.53 0.90 -10.94
BRENTWOD_69_KV_W. BRTWOOD 56703	25.65 2.82 -0.45	23.84 2.43 -1.53	22.16 1.73 -5.02	21.23 1.64 -4.58	21.70 1.69 -4.82	22.49 1.80 -4.42	27.15 1.98 -7.60	28.51 2.36 -6.78	30.39 3.29 -2.40	31.45 3.38 -3.41	33.38 3.03 -6.84	35.57 3.03 -8.83	34.25 3.20 -6.42	32.60 2.89 -7.33	32.37 2.91 -7.03	33.10 2.66 -9.84	31.68 2.77 -7.47	34.44 2.95 -9.44	36.86 3.13 -10.51	35.77 3.45 -7.48	43.56 3.45 -15.29	34.06 2.90 -9.66	29.18 2.36 -8.96	25.17 1.73 -8.75
BRISTLHL_115KV_TB1 79998	22.18 -0.25 -0.05	19.79 -0.24 -0.14	15.69 -0.17 -0.44	15.27 -0.15 -0.40	15.46 -0.15 -0.42	16.49 -0.16 -0.39	18.07 -0.16 -0.67	19.80 -0.17 -0.60	24.66 -0.27 -0.22	24.69 -0.27 -0.31	23.75 -0.28 -0.53	23.81 -0.28 -0.38	24.60 -0.27 -0.24	22.33 -0.27 -0.22	22.25 -0.29 -0.12	20.60 -0.25 -0.25	21.43 -0.26 -0.25	22.49 -0.24 -0.68	23.69 -0.26 -0.73	25.25 -0.25 -0.66	25.39 -0.25 -0.82	21.90 -0.19 -0.59	18.35 -0.14 -0.63	15.37 -0.09 -0.77
BROOKHAVEN___DRP 24191	25.34 2.51 -0.45	23.56 2.15 -1.53	21.96 1.53 -5.02	21.04 1.44 -4.58	21.56 1.55 -4.82	22.32 1.64 -4.42	26.97 1.81 -7.60	28.32 2.17 -6.78	29.99 2.89 -2.40	31.10 3.03 -3.41	33.01 2.66 -6.84	35.19 2.66 -8.83	33.86 2.81 -6.42	32.22 2.51 -7.33	32.01 2.56 -7.03	32.79 2.35 -9.84	31.33 2.42 -7.47	34.11 2.62 -9.44	36.54 2.81 -10.51	35.40 3.08 -7.48	43.21 3.10 -15.29	33.74 2.58 -9.66	28.91 2.09 -8.96	24.95 1.51 -8.75
BROOKLYN_NAVY_YARD 23515	25.07 2.26 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.96 1.38 -4.56	21.39 1.40 -4.81	22.15 1.48 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.72 2.64 -2.37	30.58 2.54 -3.38	31.72 2.35 -5.86	30.30 2.37 -4.22	29.80 2.61 -2.56	27.20 2.35 -2.47	26.04 2.33 -1.28	25.62 2.16 -2.86	26.46 2.21 -2.82	32.12 2.36 -7.71	33.92 2.49 -8.22	34.99 2.76 -7.39	36.98 2.80 -9.36	30.21 2.30 -6.41	26.90 1.82 -7.21	24.88 1.44 -8.75
BROOKLYN___ARMY_DRP 323595	25.23 2.40 -0.46	23.55 2.13 -1.53	22.00 1.56 -5.03	21.08 1.47 -4.59	21.51 1.49 -4.83	22.25 1.56 -4.43	26.85 1.69 -7.61	28.05 1.90 -6.79	29.83 2.72 -2.41	30.71 2.64 -3.42	31.87 2.47 -5.89	30.47 2.51 -4.25	29.97 2.76 -2.58	27.33 2.46 -2.49	26.19 2.47 -1.30	25.73 2.27 -2.87	26.58 2.32 -2.83	32.31 2.51 -7.74	34.14 2.67 -8.25	35.22 2.96 -7.43	37.26 3.00 -9.43	30.40 2.45 -6.44	26.99 1.91 -7.22	24.97 1.53 -8.76

BROOKVLE_69_KV_TB1 55790	25.40 2.57 -0.45	23.66 2.25 -1.53	22.05 1.62 -5.02	21.13 1.53 -4.58	21.56 1.55 -4.82	22.34 1.66 -4.42	26.97 1.81 -7.60	28.24 2.09 -6.78	30.09 2.99 -2.40	31.10 3.03 -3.41	33.15 2.80 -6.84	35.36 2.82 -8.83	34.11 3.05 -6.42	32.46 2.75 -7.33	32.19 2.74 -7.03	32.95 2.51 -9.84	31.48 2.57 -7.47	34.20 2.71 -9.44	36.61 2.88 -10.51	35.52 3.20 -7.48	43.34 3.23 -15.29	33.87 2.71 -9.66	28.95 2.13 -8.96	25.05 1.62 -8.75
BROOME_2_LFGE 323671	23.09 0.56 -0.15	20.90 0.50 -0.52	17.43 0.31 -1.71	16.82 0.24 -1.56	17.06 0.23 -1.64	18.03 0.26 -1.51	20.55 0.40 -2.59	22.20 0.52 -2.31	26.18 0.67 -0.81	26.50 0.69 -1.16	26.14 0.63 -2.00	25.79 0.64 -1.44	26.19 0.69 -0.87	23.82 0.60 -0.84	23.49 0.63 -0.44	21.94 0.37 -0.98	22.79 0.39 -0.96	25.10 0.42 -2.64	26.53 0.51 -2.81	28.14 0.77 -2.53	28.69 0.77 -3.09	24.27 0.58 -2.19	20.66 0.34 -2.46	17.98 0.31 -2.98
BROOME___LFGE 323600	23.09 0.56 -0.15	20.90 0.50 -0.52	17.43 0.31 -1.71	16.82 0.24 -1.56	17.06 0.23 -1.64	18.03 0.26 -1.51	20.55 0.40 -2.59	22.20 0.52 -2.31	26.18 0.67 -0.81	26.50 0.69 -1.16	26.14 0.63 -2.00	25.79 0.64 -1.44	26.19 0.69 -0.87	23.82 0.60 -0.84	23.49 0.63 -0.44	21.94 0.37 -0.98	22.79 0.39 -0.96	25.10 0.42 -2.64	26.53 0.51 -2.81	28.14 0.77 -2.53	28.69 0.77 -3.09	24.27 0.58 -2.19	20.66 0.34 -2.46	17.98 0.31 -2.98
BROWNFLS_115KV_TB_3_5 80003	21.52 -0.87 -0.01	19.15 -0.78 -0.04	14.95 -0.59 -0.12	14.47 -0.66 -0.11	14.64 -0.67 -0.11	15.65 -0.72 -0.11	16.95 -0.79 -0.18	18.66 -0.87 -0.16	23.50 -1.26 -0.06	23.48 -1.26 -0.08	22.45 -1.20 -0.14	22.60 -1.21 -0.10	23.39 -1.31 -0.06	21.25 -1.19 -0.06	21.24 -1.21 -0.03	19.57 -1.09 -0.07	20.37 -1.14 -0.07	21.09 -1.15 -0.18	22.27 -1.14 -0.20	23.37 -1.24 0.23	23.24 -1.22 0.37	19.47 -1.10 0.94	17.14 -0.89 -0.17	14.16 -0.73 -0.21
BROWNSV1_27_KV_LOAD 356125	25.25 2.42 -0.45	23.56 2.15 -1.53	22.00 1.57 -5.02	21.08 1.49 -4.58	21.51 1.50 -4.82	22.27 1.59 -4.42	26.88 1.72 -7.60	28.10 1.96 -6.78	29.89 2.79 -2.40	30.78 2.71 -3.41	31.95 2.56 -5.88	30.53 2.58 -4.24	30.04 2.83 -2.57	27.39 2.53 -2.48	26.23 2.51 -1.29	25.79 2.33 -2.86	26.64 2.38 -2.82	32.34 2.56 -7.74	34.18 2.72 -8.24	35.26 3.01 -7.42	37.30 3.05 -9.42	30.45 2.52 -6.44	27.02 1.95 -7.21	24.98 1.54 -8.75
BURROWS___LYONSDAL 23803	22.55 0.13 -0.03	20.08 0.12 -0.07	15.69 0.08 -0.19	15.15 -0.05 -0.17	15.33 -0.05 -0.18	16.38 -0.05 -0.17	17.83 -0.02 -0.29	19.56 -0.08 -0.27	24.72 -0.10 -0.11	24.66 -0.15 -0.15	23.59 -0.16 -0.24	23.70 -0.19 -0.18	24.60 -0.15 -0.12	22.28 -0.20 -0.11	22.26 -0.22 -0.06	20.48 -0.23 -0.11	21.33 -0.21 -0.11	22.19 -0.15 -0.30	23.44 -0.09 -0.32	25.17 -0.02 -0.36	25.26 -0.02 -0.46	21.88 -0.06 -0.44	18.08 -0.05 -0.27	14.99 -0.03 -0.33
CAITHNESS_CC_1 323624	25.32 2.51 -0.43	23.57 2.17 -1.51	21.96 1.54 -5.00	21.04 1.46 -4.57	21.55 1.55 -4.81	22.38 1.71 -4.41	27.02 1.88 -7.58	28.28 2.17 -6.75	29.99 2.91 -2.37	31.07 3.03 -3.38	33.01 2.68 -6.82	35.20 2.68 -8.81	33.86 2.83 -6.40	32.23 2.53 -7.32	32.02 2.58 -7.02	32.80 2.37 -9.84	31.33 2.42 -7.47	34.09 2.62 -9.42	36.51 2.81 -10.49	35.37 3.08 -7.45	43.15 3.10 -15.22	33.71 2.58 -9.63	28.93 2.11 -8.96	24.95 1.51 -8.75
CALPINE BETH_PAGE_GT4 24209	25.52 2.69 -0.45	23.74 2.33 -1.53	22.10 1.66 -5.02	21.16 1.56 -4.58	21.61 1.59 -4.82	22.40 1.72 -4.42	27.01 1.84 -7.60	28.30 2.15 -6.78	30.17 3.06 -2.40	31.20 3.13 -3.41	33.10 2.75 -6.84	35.29 2.75 -8.83	34.01 2.96 -6.42	32.40 2.69 -7.33	32.12 2.67 -7.03	32.89 2.45 -9.84	31.44 2.53 -7.47	34.18 2.69 -9.44	36.58 2.86 -10.51	35.47 3.15 -7.48	43.29 3.18 -15.29	33.83 2.67 -9.66	29.00 2.18 -8.96	25.11 1.67 -8.75
CALPINE_BETH_PAGE_GT_4 323586	25.50 2.68 -0.43	23.72 2.33 -1.51	22.08 1.67 -5.00	21.15 1.56 -4.57	21.59 1.59 -4.81	22.41 1.74 -4.41	27.02 1.88 -7.58	28.27 2.15 -6.75	30.14 3.06 -2.37	31.17 3.13 -3.38	33.08 2.75 -6.82	35.27 2.75 -8.81	33.99 2.95 -6.40	32.38 2.68 -7.32	32.11 2.67 -7.02	32.89 2.45 -9.84	31.44 2.53 -7.47	34.15 2.69 -9.42	36.56 2.85 -10.49	35.44 3.15 -7.45	43.22 3.18 -15.22	33.78 2.64 -9.63	29.01 2.18 -8.96	25.11 1.67 -8.75
CALPINE_BP_GT1 23823	25.50 2.68 -0.43	23.72 2.33 -1.51	22.08 1.67 -5.00	21.15 1.56 -4.57	21.59 1.59 -4.81	22.41 1.74 -4.41	27.02 1.88 -7.58	28.27 2.15 -6.75	30.14 3.06 -2.37	31.17 3.13 -3.38	33.08 2.75 -6.82	35.27 2.75 -8.81	33.99 2.95 -6.40	32.38 2.68 -7.32	32.11 2.67 -7.02	32.89 2.45 -9.84	31.44 2.53 -7.47	34.15 2.69 -9.42	36.56 2.85 -10.49	35.44 3.15 -7.45	43.22 3.18 -15.22	33.78 2.64 -9.63	29.01 2.18 -8.96	25.11 1.67 -8.75
CALSPAN___DRP 24200	21.27 -0.72 0.39	19.18 -0.58 0.13	15.55 -0.57 -0.71	15.07 -0.68 -0.72	15.26 -0.70 -0.77	16.24 -0.72 -0.69	18.25 -0.37 -1.06	19.58 -0.46 -0.68	23.78 -0.74 0.19	23.95 -0.69 0.01	23.26 -0.68 -0.43	23.15 -0.71 -0.15	23.74 -0.74 0.15	21.72 -0.72 -0.06	21.71 -0.58 0.13	20.06 -0.95 -0.41	20.83 -1.01 -0.40	22.15 -0.99 -1.09	23.47 -0.91 -1.16	25.21 -0.67 -1.04	25.29 -0.70 -1.16	21.68 -0.73 -0.91	18.26 -0.86 -1.25	15.70 -0.50 -1.51
CALVERTON___SOLAR 323806	25.32 2.51 -0.43	23.55 2.15 -1.51	21.96 1.54 -5.00	21.04 1.46 -4.57	21.56 1.56 -4.81	22.39 1.72 -4.41	27.03 1.90 -7.58	28.30 2.19 -6.75	29.99 2.91 -2.37	31.10 3.06 -3.38	33.04 2.70 -6.82	35.22 2.70 -8.81	33.89 2.86 -6.40	32.23 2.53 -7.32	32.04 2.60 -7.02	32.80 2.37 -9.84	31.35 2.44 -7.47	34.11 2.64 -9.42	36.56 2.85 -10.49	35.42 3.13 -7.45	43.20 3.15 -15.22	33.74 2.60 -9.63	28.95 2.13 -8.96	24.97 1.53 -8.75
CANDIGU_WT_PWR 323617	-9.24 -0.20 31.42	-6.37 -0.16 26.10	6.36 -0.25 8.80	11.37 -0.36 3.28	11.61 -0.36 3.22	12.20 -0.37 3.68	2.41 -0.16 14.98	-12.24 0.00 31.60	-14.98 -0.07 39.62	-15.04 -0.02 39.67	-14.55 -0.07 37.99	-14.48 -0.07 38.12	-14.81 -0.05 39.39	-1.97 -0.07 24.28	-0.67 0.07 23.16	15.40 -0.31 4.88	16.34 -0.30 4.80	8.06 -0.24 13.75	7.60 -0.09 15.52	10.46 0.25 14.62	-0.86 0.27 25.96	8.89 0.09 12.70	19.38 -0.20 -1.71	16.70 -0.06 -2.07
CARR STREET_E_SYR 24060	22.41 -0.02 -0.04	20.02 -0.02 -0.15	15.91 -0.02 -0.51	15.47 -0.02 -0.47	15.67 -0.02 -0.49	16.71 0.00 -0.45	18.31 -0.02 -0.77	20.06 0.00 -0.69	24.92 -0.02 -0.24	24.98 -0.02 -0.35	24.08 -0.02 -0.60	24.12 -0.02 -0.43	24.89 0.00 -0.26	22.63 0.00 -0.25	22.55 0.00 -0.13	20.89 0.00 -0.29	21.73 0.00 -0.29	22.84 0.00 -0.79	24.05 0.00 -0.84	25.63 0.02 -0.77	25.75 0.00 -0.93	22.21 0.02 -0.69	18.64 0.04 -0.74	15.64 0.06 -0.89
CARTHAGE___PAPER 23857	22.09 -0.31 -0.02	19.69 -0.28 -0.08	15.45 -0.25 -0.28	14.91 -0.36 -0.26	15.11 -0.35 -0.27	16.12 -0.39 -0.25	17.61 -0.37 -0.42	19.30 -0.44 -0.38	24.20 -0.64 -0.13	24.08 -0.76 -0.19	23.01 -0.82 -0.33	23.07 -0.88 -0.24	23.94 -0.84 -0.14	21.69 -0.83 -0.14	21.62 -0.87 -0.07	19.97 -0.78 -0.16	20.80 -0.79 -0.16	21.80 -0.68 -0.43	23.10 -0.58 -0.46	24.89 -0.50 -0.54	25.04 -0.47 -0.69	21.74 -0.47 -0.71	17.91 -0.36 -0.40	14.84 -0.34 -0.49

CASSADAGA_WT_PWR 323784	17.68 -1.01 3.70	16.18 -0.83 2.88	14.38 -0.82 0.22	14.42 -0.98 -0.38	14.63 -0.99 -0.42	15.49 -1.07 -0.30	16.30 -0.74 0.52	16.12 -0.60 2.65	19.47 -0.89 4.35	19.63 -0.84 4.18	19.19 -0.75 3.57	19.12 -0.74 3.86	19.68 -0.66 4.29	19.32 -0.56 2.50	19.46 -0.40 2.56	19.56 -0.93 0.11	20.41 -0.92 0.10	20.86 -0.84 0.35	22.11 -0.63 0.47	24.16 -0.17 0.51	23.06 -0.15 1.61	20.67 -0.39 0.44	18.52 -0.77 -1.42	15.88 -0.53 -1.72
CE_DUNWOOD___DRP 24194	24.96 2.13 -0.45	23.28 1.87 -1.52	21.80 1.37 -5.01	20.90 1.31 -4.57	21.31 1.31 -4.82	22.08 1.40 -4.42	26.67 1.51 -7.60	27.85 1.70 -6.77	29.57 2.47 -2.40	30.48 2.42 -3.41	31.67 2.28 -5.88	30.24 2.30 -4.23	29.69 2.49 -2.57	27.10 2.24 -2.48	25.93 2.22 -1.29	25.52 2.06 -2.86	26.36 2.10 -2.82	32.01 2.23 -7.73	33.82 2.37 -8.24	34.89 2.63 -7.41	36.91 2.68 -9.41	30.15 2.21 -6.43	26.78 1.72 -7.20	24.78 1.35 -8.74
CE_MILLWOOD___DRP 24193	24.91 2.08 -0.45	23.24 1.83 -1.52	21.77 1.36 -5.00	20.87 1.29 -4.56	21.28 1.29 -4.80	22.03 1.37 -4.40	26.61 1.47 -7.58	27.81 1.69 -6.75	29.52 2.42 -2.39	30.42 2.37 -3.40	31.63 2.26 -5.86	30.18 2.25 -4.22	29.64 2.44 -2.57	27.04 2.19 -2.47	25.89 2.17 -1.29	25.47 2.02 -2.85	26.31 2.06 -2.81	31.94 2.18 -7.71	33.75 2.32 -8.22	34.82 2.58 -7.39	36.81 2.61 -9.38	30.09 2.17 -6.41	26.73 1.68 -7.18	24.73 1.32 -8.72
CE_NYC2_DRP 24202	25.26 2.42 -0.46	23.55 2.13 -1.53	22.01 1.57 -5.03	21.09 1.49 -4.59	21.51 1.49 -4.83	22.28 1.59 -4.43	26.89 1.72 -7.61	28.09 1.94 -6.79	29.88 2.77 -2.41	30.76 2.69 -3.42	31.94 2.54 -5.89	30.52 2.56 -4.25	30.00 2.78 -2.58	27.37 2.51 -2.49	26.21 2.49 -1.30	25.78 2.31 -2.87	26.60 2.34 -2.83	32.28 2.49 -7.74	34.11 2.65 -8.25	35.22 2.96 -7.43	37.23 2.98 -9.43	30.44 2.49 -6.44	26.99 1.91 -7.22	24.99 1.54 -8.76
CE_NYC_DRP 24195	25.14 2.31 -0.45	23.44 2.03 -1.53	21.93 1.50 -5.02	21.01 1.41 -4.58	21.44 1.43 -4.82	22.19 1.51 -4.42	26.79 1.63 -7.60	27.99 1.84 -6.78	29.75 2.64 -2.40	30.63 2.56 -3.41	31.81 2.42 -5.88	30.39 2.44 -4.24	29.89 2.68 -2.57	27.25 2.39 -2.48	26.09 2.38 -1.29	25.66 2.20 -2.86	26.51 2.25 -2.82	32.19 2.40 -7.74	34.01 2.55 -8.24	35.09 2.83 -7.42	37.13 2.88 -9.42	30.32 2.39 -6.43	26.91 1.84 -7.21	24.90 1.47 -8.75
CHAFFEE___LFGE 323603	17.12 -0.69 4.57	15.71 -0.56 3.62	14.25 -0.62 0.54	14.45 -0.78 -0.21	14.64 -0.81 -0.26	15.56 -0.83 -0.13	15.98 -0.53 1.05	15.31 -0.43 3.63	18.54 -0.69 5.48	18.68 -0.64 5.33	18.19 -0.61 4.71	18.07 -0.66 4.98	18.55 -0.66 5.42	18.52 -0.65 3.20	18.69 -0.51 3.22	19.26 -1.05 0.29	20.04 -1.12 0.28	20.11 -1.08 0.86	21.25 -0.93 1.04	23.16 -0.65 1.03	21.73 -0.62 2.47	19.90 -0.71 0.90	18.29 -0.93 -1.35	15.76 -0.57 -1.64
CHATEAUG_35_KV_LOAD 355732	21.98 -0.40 0.00	19.56 -0.34 -0.01	15.20 -0.25 -0.03	14.74 -0.30 -0.03	14.88 -0.33 -0.03	15.88 -0.41 -0.03	17.11 -0.49 -0.04	18.89 -0.52 -0.04	23.95 -0.77 -0.01	23.91 -0.76 -0.02	22.63 -0.92 -0.03	22.74 -1.00 -0.02	23.41 -1.23 -0.01	21.25 -1.14 -0.01	21.22 -1.21 -0.01	19.50 -1.11 -0.02	20.32 -1.14 -0.02	20.86 -1.23 -0.05	21.96 -1.30 -0.05	23.13 -1.56 0.14	23.00 -1.61 0.21	19.62 -1.42 0.46	16.73 -1.18 -0.04	13.74 -1.00 -0.05
CHATEAUG_WT_PWR 323614	21.98 -0.40 0.00	19.53 -0.36 0.00	15.17 -0.25 0.00	14.70 -0.32 0.00	14.86 -0.33 0.00	15.85 -0.41 0.00	17.14 -0.42 0.00	18.85 -0.52 0.00	23.91 -0.79 0.00	23.84 -0.81 0.00	22.57 -0.94 0.00	22.71 -0.99 0.00	23.38 -1.26 0.00	21.21 -1.16 0.00	21.19 -1.23 0.00	19.48 -1.11 0.00	20.28 -1.16 0.00	20.77 -1.28 0.00	21.84 -1.37 0.00	23.04 -1.64 0.16	22.89 -1.71 0.22	19.58 -1.51 0.42	16.63 -1.23 0.00	13.63 -1.06 0.00
CHAT_HIGH_FALL_HYD 323578	21.98 -0.40 0.00	19.55 -0.34 0.00	15.17 -0.25 0.00	14.72 -0.30 0.00	14.86 -0.33 0.00	15.85 -0.41 0.00	17.14 -0.42 0.00	18.85 -0.52 0.00	23.94 -0.77 0.00	23.89 -0.76 0.00	22.59 -0.92 0.00	22.71 -0.99 0.00	23.40 -1.23 0.00	21.24 -1.14 0.00	21.21 -1.21 0.00	19.48 -1.11 0.00	20.30 -1.14 0.00	20.81 -1.23 0.00	21.92 -1.30 0.00	23.13 -1.54 0.17	22.97 -1.61 0.24	19.64 -1.42 0.45	16.69 -1.18 0.00	13.69 -1.00 0.00
CHAUTAUQUA___LFGE 323629	16.71 -0.83 4.84	15.34 -0.70 3.85	14.13 -0.66 0.62	14.43 -0.77 -0.18	14.64 -0.77 -0.23	15.52 -0.83 -0.09	15.79 -0.58 1.19	14.97 -0.48 3.91	18.14 -0.74 5.83	18.28 -0.69 5.68	17.83 -0.63 5.05	17.76 -0.64 5.32	18.25 -0.61 5.77	18.40 -0.56 3.42	18.57 -0.43 3.42	19.46 -0.80 0.33	20.30 -0.81 0.33	20.29 -0.77 0.99	21.41 -0.63 1.18	23.35 -0.32 1.16	21.79 -0.32 2.71	20.04 -0.45 1.01	18.53 -0.70 -1.36	15.90 -0.44 -1.65
CHERRYST_13_KV_LD 356241	25.18 2.35 -0.45	23.50 2.09 -1.53	21.96 1.53 -5.02	21.04 1.44 -4.58	21.47 1.46 -4.82	22.23 1.54 -4.42	26.83 1.67 -7.60	28.03 1.88 -6.78	29.82 2.72 -2.40	30.71 2.64 -3.41	31.86 2.47 -5.88	30.44 2.49 -4.24	29.94 2.73 -2.57	27.30 2.44 -2.48	26.16 2.44 -1.29	25.73 2.27 -2.86	26.55 2.29 -2.82	32.25 2.47 -7.74	34.06 2.60 -8.24	35.16 2.91 -7.42	37.18 2.93 -9.42	30.37 2.43 -6.43	26.95 1.88 -7.21	24.93 1.50 -8.75
CHESTROR_138KV_BK263 355645	24.61 1.79 -0.43	22.96 1.59 -1.48	21.46 1.19 -4.86	20.58 1.13 -4.43	20.98 1.12 -4.67	21.75 1.20 -4.28	26.22 1.30 -7.37	27.41 1.47 -6.57	29.15 2.12 -2.32	30.06 2.10 -3.31	31.18 1.97 -5.70	29.78 1.97 -4.11	29.24 2.12 -2.50	26.71 1.92 -2.41	25.58 1.91 -1.25	25.12 1.75 -2.77	25.97 1.80 -2.73	31.42 1.87 -7.49	33.20 2.00 -7.99	34.29 2.26 -7.19	36.23 2.31 -9.09	29.67 1.94 -6.23	26.33 1.48 -6.98	24.34 1.18 -8.47
CH_MIDHUDSON___DRP 24192	24.74 1.90 -0.46	23.14 1.69 -1.56	21.82 1.28 -5.12	20.91 1.22 -4.67	21.33 1.22 -4.92	22.06 1.28 -4.51	26.73 1.40 -7.77	27.88 1.59 -6.92	29.45 2.30 -2.45	30.41 2.27 -3.48	31.66 2.14 -6.01	30.15 2.11 -4.33	29.55 2.29 -2.63	26.97 2.06 -2.53	25.78 2.04 -1.32	25.42 1.89 -2.93	26.27 1.95 -2.88	31.98 2.03 -7.90	33.77 2.14 -8.42	34.82 2.41 -7.58	36.73 2.46 -9.45	30.12 2.04 -6.57	26.80 1.57 -7.36	24.87 1.25 -8.93
CH_MISC_IPPS 23765	24.85 2.04 -0.43	23.22 1.81 -1.52	21.80 1.36 -5.03	20.90 1.29 -4.59	21.32 1.29 -4.83	22.07 1.38 -4.43	26.69 1.51 -7.62	27.84 1.68 -6.78	29.54 2.45 -2.38	30.50 2.44 -3.40	31.67 2.28 -5.88	30.17 2.23 -4.23	29.58 2.39 -2.56	27.05 2.19 -2.48	25.86 2.15 -1.29	25.46 2.00 -2.87	26.32 2.06 -2.82	31.92 2.12 -7.75	33.71 2.23 -8.26	34.81 2.53 -7.43	36.80 2.63 -9.35	30.14 2.19 -6.45	26.78 1.68 -7.23	24.81 1.35 -8.78
CH_RES_BVR_FALLS 23983	21.80 -0.58 0.00	19.31 -0.58 0.00	14.94 -0.48 0.00	14.52 -0.50 0.00	14.67 -0.52 0.00	15.68 -0.58 0.00	16.89 -0.67 0.00	18.59 -0.78 0.00	23.69 -1.01 0.00	23.64 -1.01 0.00	22.52 -0.99 0.00	22.69 -1.02 0.00	23.55 -1.08 0.00	21.39 -0.98 0.00	21.44 -0.99 0.00	19.71 -0.89 0.00	20.54 -0.90 0.00	21.12 -0.93 0.00	22.24 -0.97 0.00	23.68 -1.09 0.06	23.61 -1.12 0.09	20.36 -0.97 0.17	17.08 -0.79 0.00	14.04 -0.65 0.00

CH_RES_NIAGARA 23895	16.72 -1.32 4.35	15.30 -1.13 3.46	14.03 -0.82 0.56	14.28 -0.89 -0.15	14.41 -0.97 -0.19	15.54 -0.80 -0.08	15.56 -0.91 1.08	14.78 -1.07 3.53	17.96 -1.51 5.24	18.09 -1.45 5.11	17.56 -1.41 4.54	17.46 -1.47 4.78	17.95 -1.50 5.18	17.90 -1.41 3.07	18.05 -1.30 3.08	19.16 -1.13 0.30	19.97 -1.18 0.30	19.92 -1.23 0.89	20.82 -1.32 1.07	22.22 -1.56 1.06	20.78 -1.59 2.45	19.31 -1.27 0.92	17.82 -1.25 -1.20	15.37 -0.78 -1.46
CH_RES_SYRACUSE 23985	22.52 0.09 -0.05	20.14 0.08 -0.17	16.04 0.06 -0.57	15.61 0.08 -0.52	15.81 0.08 -0.54	16.84 0.08 -0.50	18.50 0.09 -0.86	20.25 0.12 -0.76	25.10 0.12 -0.27	25.16 0.12 -0.38	24.29 0.12 -0.66	24.31 0.12 -0.48	25.07 0.15 -0.29	22.77 0.11 -0.28	22.68 0.11 -0.14	21.02 0.10 -0.32	21.87 0.11 -0.32	23.05 0.13 -0.87	24.29 0.14 -0.93	25.84 0.15 -0.85	26.00 0.15 -1.02	22.41 0.15 -0.75	18.81 0.13 -0.81	15.81 0.13 -0.99
CLINTON_WT_PWR 323605	21.98 -0.40 0.00	19.53 -0.36 0.00	15.17 -0.25 0.00	14.70 -0.32 0.00	14.86 -0.33 0.00	15.85 -0.41 0.00	17.14 -0.42 0.00	18.85 -0.52 0.00	23.91 -0.79 0.00	23.84 -0.81 0.00	22.57 -0.94 0.00	22.71 -0.99 0.00	23.38 -1.26 0.00	21.21 -1.16 0.00	21.19 -1.23 0.00	19.48 -1.11 0.00	20.28 -1.16 0.00	20.77 -1.28 0.00	21.84 -1.37 0.00	23.04 -1.64 0.16	22.89 -1.71 0.22	19.58 -1.51 0.42	16.63 -1.23 0.00	13.63 -1.06 0.00
CLINTON___LFGE 323618	22.16 -0.22 0.00	19.69 -0.20 0.00	15.29 -0.12 0.00	14.79 -0.22 0.00	14.95 -0.24 0.00	15.97 -0.29 0.00	17.28 -0.28 0.00	19.02 -0.35 0.00	24.11 -0.59 0.00	24.09 -0.57 0.00	22.76 -0.75 0.00	22.90 -0.81 0.00	23.57 -1.06 0.00	21.37 -1.01 0.00	21.37 -1.05 0.00	19.63 -0.97 0.00	20.43 -1.01 0.00	20.95 -1.10 0.00	22.05 -1.16 0.00	23.27 -1.41 0.16	23.13 -1.46 0.23	19.74 -1.33 0.43	16.76 -1.11 0.00	13.73 -0.95 0.00
COBBLENY_34_KV_TB1 80064	21.40 -0.69 0.28	19.30 -0.56 0.03	15.60 -0.62 -0.80	15.03 -0.78 -0.79	15.22 -0.81 -0.83	16.20 -0.81 -0.76	18.43 -0.33 -1.20	19.80 -0.43 -0.86	23.99 -0.69 0.03	24.17 -0.64 -0.16	23.52 -0.61 -0.63	23.37 -0.66 -0.33	23.98 -0.67 -0.01	21.90 -0.65 -0.17	21.87 -0.52 0.04	20.00 -1.05 -0.46	20.78 -1.11 -0.45	22.20 -1.08 -1.23	23.58 -0.95 -1.31	25.47 -0.55 -1.18	25.58 -0.60 -1.35	21.82 -0.71 -1.03	18.27 -0.93 -1.33	15.73 -0.57 -1.61
COFFEEN___115KV_TB3 355620	22.24 -0.18 -0.03	19.83 -0.16 -0.10	15.56 -0.15 -0.30	15.05 -0.24 -0.28	15.27 -0.21 -0.29	16.28 -0.24 -0.27	17.81 -0.21 -0.46	19.55 -0.23 -0.42	24.49 -0.37 -0.15	24.35 -0.52 -0.22	23.28 -0.59 -0.36	23.31 -0.66 -0.26	24.21 -0.59 -0.16	21.95 -0.58 -0.16	21.86 -0.65 -0.08	20.17 -0.60 -0.17	21.03 -0.58 -0.17	22.05 -0.46 -0.47	23.41 -0.30 -0.50	25.24 -0.15 -0.55	25.40 -0.12 -0.70	21.97 -0.19 -0.66	18.17 -0.13 -0.43	15.07 -0.15 -0.53
COLDSPRG_115KV_BK1 355956	22.41 0.04 0.02	20.21 0.10 -0.23	16.18 -0.26 -1.03	15.36 -0.62 -0.96	15.59 -0.61 -1.01	16.53 -0.65 -0.92	19.31 0.19 -1.56	20.96 0.27 -1.32	25.29 0.22 -0.36	25.50 0.27 -0.58	24.88 0.26 -1.11	24.70 0.24 -0.76	25.33 0.30 -0.40	23.08 0.27 -0.44	22.99 0.38 -0.19	20.55 -0.64 -0.59	21.35 -0.66 -0.58	23.02 -0.62 -1.59	24.63 -0.28 -1.69	27.01 0.65 -1.53	27.26 0.60 -1.84	22.96 0.13 -1.33	18.83 -0.57 -1.54	16.20 -0.35 -1.87
COLONIE_LFGE___ 323577	24.08 1.16 -0.53	22.79 1.03 -1.86	22.39 0.80 -6.18	21.42 0.77 -5.64	21.92 0.79 -5.94	22.55 0.85 -5.44	27.85 0.93 -9.36	28.73 1.03 -8.33	29.09 1.46 -2.93	30.31 1.48 -4.18	32.14 1.41 -7.22	30.35 1.45 -5.20	29.23 1.45 -3.15	26.74 1.32 -3.04	25.35 1.35 -1.58	25.32 1.19 -3.53	26.15 1.24 -3.47	32.83 1.26 -9.52	34.73 1.37 -10.15	35.41 1.44 -9.13	37.02 1.44 -10.76	30.64 1.22 -7.92	27.75 1.00 -8.88	26.23 0.76 -10.78
COOPERNY_115KV_TB1 80082	24.34 1.57 -0.39	22.60 1.39 -1.32	20.77 1.02 -4.34	19.94 0.96 -3.96	20.33 0.97 -4.17	21.11 1.02 -3.82	25.27 1.14 -6.57	26.51 1.28 -5.86	28.61 1.83 -2.08	29.41 1.80 -2.96	30.32 1.72 -5.09	29.11 1.73 -3.67	28.71 1.85 -2.23	26.21 1.68 -2.15	25.20 1.66 -1.12	24.60 1.52 -2.48	25.44 1.57 -2.44	30.37 1.63 -6.69	32.08 1.74 -7.13	33.24 1.99 -6.42	34.89 2.01 -8.06	28.74 1.68 -5.56	25.36 1.27 -6.23	23.26 1.01 -7.56
COPENHAGEN_WT_PWR 323753	22.12 -0.29 -0.03	19.73 -0.26 -0.10	15.52 -0.22 -0.32	15.03 -0.29 -0.29	15.23 -0.27 -0.31	16.24 -0.31 -0.28	17.76 -0.28 -0.49	19.47 -0.33 -0.43	24.36 -0.49 -0.15	24.28 -0.59 -0.22	23.25 -0.63 -0.38	23.29 -0.69 -0.27	24.16 -0.64 -0.16	21.91 -0.63 -0.16	21.83 -0.67 -0.08	20.16 -0.62 -0.18	21.00 -0.62 -0.18	22.02 -0.53 -0.50	23.33 -0.42 -0.53	25.12 -0.30 -0.58	25.27 -0.27 -0.72	21.89 -0.30 -0.69	18.12 -0.21 -0.46	15.04 -0.21 -0.56
CORNELL___ 23752	23.38 0.72 -0.28	21.04 0.64 -0.52	17.15 0.45 -1.29	16.59 0.42 -1.15	16.82 0.43 -1.21	17.84 0.47 -1.11	20.15 0.63 -1.96	21.89 0.68 -1.84	26.35 0.84 -0.80	26.57 0.86 -1.06	25.97 0.80 -1.66	25.74 0.78 -1.25	26.29 0.81 -0.85	23.81 0.69 -0.74	23.56 0.70 -0.44	21.91 0.58 -0.73	22.78 0.62 -0.72	24.72 0.68 -1.99	26.10 0.77 -2.12	27.72 0.97 -1.92	28.19 0.97 -2.39	23.95 0.77 -1.67	20.19 0.55 -1.77	17.34 0.50 -2.15
CORONA_AAV_69_KV_TB1 355595	25.49 2.66 -0.45	23.72 2.31 -1.53	22.08 1.65 -5.02	21.16 1.56 -4.58	21.61 1.59 -4.82	22.39 1.71 -4.42	27.02 1.86 -7.60	28.28 2.13 -6.78	30.12 3.01 -2.40	31.13 3.06 -3.41	33.17 2.82 -6.84	35.36 2.82 -8.83	34.11 3.05 -6.42	32.46 2.75 -7.33	32.19 2.74 -7.03	32.97 2.53 -9.84	31.50 2.59 -7.47	34.22 2.73 -9.44	36.63 2.90 -10.51	35.54 3.23 -7.48	43.36 3.25 -15.29	33.89 2.73 -9.66	29.00 2.18 -8.96	25.10 1.66 -8.75
CORTLAND_115KV_TB3 80093	23.04 0.51 -0.14	20.70 0.46 -0.35	16.76 0.31 -1.04	16.24 0.29 -0.94	16.47 0.29 -0.99	17.48 0.31 -0.91	19.57 0.44 -1.58	21.29 0.48 -1.43	25.85 0.59 -0.55	26.01 0.59 -0.76	25.33 0.56 -1.26	25.20 0.57 -0.92	25.83 0.62 -0.59	23.44 0.51 -0.54	23.24 0.52 -0.30	21.58 0.39 -0.59	22.45 0.43 -0.58	24.11 0.46 -1.60	25.46 0.53 -1.71	27.08 0.70 -1.54	27.43 0.70 -1.91	23.39 0.54 -1.35	19.71 0.38 -1.47	16.81 0.34 -1.78
COXSACKIE___GT 23611	24.06 1.19 -0.50	22.66 1.03 -1.74	21.96 0.79 -5.76	21.06 0.78 -5.26	21.50 0.77 -5.54	22.22 0.88 -5.08	27.38 1.09 -8.73	28.34 1.20 -7.77	29.12 1.68 -2.73	30.33 1.78 -3.90	31.87 1.62 -6.74	30.08 1.52 -4.85	29.07 1.50 -2.94	26.58 1.37 -2.84	25.26 1.37 -1.47	25.06 1.17 -3.29	25.98 1.31 -3.23	32.19 1.26 -8.88	34.03 1.35 -9.46	34.95 1.59 -8.52	36.81 1.74 -10.25	30.39 1.50 -7.38	27.29 1.14 -8.28	25.59 0.85 -10.05
CPV_VALLEY___CC1 323721	24.42 1.63 -0.40	22.75 1.45 -1.41	21.14 1.06 -4.66	20.30 1.02 -4.26	20.69 1.02 -4.48	21.44 1.07 -4.11	25.80 1.18 -7.07	26.98 1.32 -6.29	28.85 1.93 -2.21	29.71 1.90 -3.16	30.75 1.79 -5.46	29.42 1.78 -3.93	28.93 1.92 -2.38	26.42 1.75 -2.30	25.34 1.73 -1.19	24.85 1.59 -2.66	25.69 1.63 -2.62	30.96 1.72 -7.19	32.69 1.81 -7.66	33.79 2.06 -6.89	35.62 2.11 -8.69	29.22 1.74 -5.98	25.92 1.34 -6.71	23.89 1.06 -8.14

CPV_VALLEY___CC2 323722	24.42 1.63 -0.40	22.75 1.45 -1.41	21.14 1.06 -4.66	20.30 1.02 -4.26	20.69 1.02 -4.48	21.44 1.07 -4.11	25.80 1.18 -7.07	26.98 1.32 -6.29	28.85 1.93 -2.21	29.71 1.90 -3.16	30.75 1.79 -5.46	29.42 1.78 -3.93	28.93 1.92 -2.38	26.42 1.75 -2.30	25.34 1.73 -1.19	24.85 1.59 -2.66	25.69 1.63 -2.62	30.96 1.72 -7.19	32.69 1.81 -7.66	33.79 2.06 -6.89	35.62 2.11 -8.69	29.22 1.74 -5.98	25.92 1.34 -6.71	23.89 1.06 -8.14
CRESCENT___HYD 24018	24.08 1.16 -0.53	22.79 1.03 -1.86	22.39 0.80 -6.18	21.42 0.77 -5.64	21.92 0.79 -5.94	22.55 0.85 -5.44	27.85 0.93 -9.36	28.73 1.03 -8.33	29.09 1.46 -2.93	30.31 1.48 -4.18	32.14 1.41 -7.22	30.35 1.45 -5.20	29.23 1.45 -3.15	26.74 1.32 -3.04	25.35 1.35 -1.58	25.32 1.19 -3.53	26.15 1.24 -3.47	32.83 1.26 -9.52	34.73 1.37 -10.15	35.41 1.44 -9.13	37.02 1.44 -10.76	30.64 1.22 -7.92	27.75 1.00 -8.88	26.23 0.76 -10.78
CRICKET___VALLEY_CC1 323756	24.37 1.54 -0.44	22.82 1.37 -1.56	21.64 1.06 -5.17	20.75 1.02 -4.71	21.17 1.02 -4.96	21.89 1.07 -4.55	26.56 1.18 -7.83	27.63 1.30 -6.97	29.06 1.90 -2.45	30.00 1.85 -3.50	31.31 1.76 -6.04	29.83 1.78 -4.34	29.13 1.87 -2.63	26.64 1.72 -2.54	25.44 1.70 -1.32	25.13 1.59 -2.95	25.97 1.63 -2.90	31.69 1.67 -7.96	33.49 1.79 -8.49	34.41 1.94 -7.63	34.01 1.96 -7.23	29.75 1.63 -6.62	26.59 1.30 -7.43	24.73 1.03 -9.01
CRICKET___VALLEY_CC2 323757	24.37 1.54 -0.44	22.82 1.37 -1.56	21.64 1.06 -5.17	20.75 1.02 -4.71	21.17 1.02 -4.96	21.89 1.07 -4.55	26.56 1.18 -7.83	27.63 1.30 -6.97	29.06 1.90 -2.45	30.00 1.85 -3.50	31.31 1.76 -6.04	29.83 1.78 -4.34	29.13 1.87 -2.63	26.64 1.72 -2.54	25.44 1.70 -1.32	25.13 1.59 -2.95	25.97 1.63 -2.90	31.69 1.67 -7.96	33.49 1.79 -8.49	34.41 1.94 -7.63	34.01 1.96 -7.23	29.75 1.63 -6.62	26.59 1.30 -7.43	24.73 1.03 -9.01
CRICKET___VALLEY_CC3 323758	24.37 1.54 -0.44	22.82 1.37 -1.56	21.64 1.06 -5.17	20.75 1.02 -4.71	21.17 1.02 -4.96	21.89 1.07 -4.55	26.56 1.18 -7.83	27.63 1.30 -6.97	29.06 1.90 -2.45	30.00 1.85 -3.50	31.31 1.76 -6.04	29.83 1.78 -4.34	29.13 1.87 -2.63	26.64 1.72 -2.54	25.44 1.70 -1.32	25.13 1.59 -2.95	25.97 1.63 -2.90	31.69 1.67 -7.96	33.49 1.79 -8.49	34.41 1.94 -7.63	34.01 1.96 -7.23	29.75 1.63 -6.62	26.59 1.30 -7.43	24.73 1.03 -9.01
CRUCIBLE_METL_DRP 24180	22.54 0.09 -0.06	20.15 0.08 -0.19	16.05 0.06 -0.58	15.62 0.08 -0.53	15.82 0.08 -0.55	16.85 0.08 -0.51	18.56 0.12 -0.88	20.28 0.12 -0.79	25.12 0.12 -0.29	25.19 0.12 -0.41	24.32 0.12 -0.69	24.33 0.12 -0.50	25.09 0.15 -0.31	22.78 0.11 -0.30	22.69 0.11 -0.16	21.03 0.10 -0.33	21.87 0.11 -0.32	23.07 0.13 -0.89	24.31 0.14 -0.95	25.88 0.17 -0.86	26.04 0.15 -1.06	22.42 0.15 -0.76	18.82 0.13 -0.83	15.82 0.13 -1.00
DAHOWA___HYDRO 323763	24.34 1.41 -0.54	23.04 1.25 -1.90	22.66 0.96 -6.29	21.67 0.92 -5.74	22.19 0.96 -6.04	22.83 1.03 -5.54	28.24 1.16 -9.53	29.13 1.28 -8.48	29.49 1.80 -2.98	30.78 1.87 -4.25	32.67 1.81 -7.35	30.82 1.83 -5.29	29.66 1.82 -3.20	27.11 1.63 -3.10	25.71 1.68 -1.61	25.61 1.42 -3.59	26.47 1.50 -3.53	33.28 1.54 -9.69	35.22 1.67 -10.33	35.94 1.81 -9.29	37.60 1.79 -10.99	31.11 1.55 -8.06	28.12 1.22 -9.04	26.57 0.91 -10.97
DANC___LFGE 323619	22.15 -0.27 -0.03	19.76 -0.24 -0.11	15.58 -0.20 -0.37	15.12 -0.24 -0.34	15.32 -0.23 -0.36	16.33 -0.26 -0.33	17.86 -0.26 -0.56	19.56 -0.31 -0.50	24.41 -0.47 -0.18	24.39 -0.52 -0.25	23.40 -0.54 -0.43	23.48 -0.54 -0.31	24.30 -0.52 -0.19	22.07 -0.49 -0.18	21.98 -0.54 -0.09	20.31 -0.49 -0.21	21.13 -0.51 -0.21	22.18 -0.44 -0.57	23.43 -0.39 -0.61	25.18 -0.27 -0.62	25.34 -0.25 -0.76	21.93 -0.24 -0.66	18.22 -0.18 -0.53	15.17 -0.16 -0.65
DANSKAMMER___1 23586	24.85 2.04 -0.43	23.22 1.81 -1.52	21.80 1.36 -5.03	20.90 1.29 -4.59	21.32 1.29 -4.83	22.07 1.38 -4.43	26.69 1.51 -7.62	27.84 1.68 -6.78	29.54 2.45 -2.38	30.50 2.44 -3.40	31.67 2.28 -5.88	30.17 2.23 -4.23	29.58 2.39 -2.56	27.05 2.19 -2.48	25.86 2.15 -1.29	25.46 2.00 -2.87	26.32 2.06 -2.82	31.92 2.12 -7.75	33.71 2.23 -8.26	34.81 2.53 -7.43	36.80 2.63 -9.35	30.14 2.19 -6.45	26.78 1.68 -7.23	24.81 1.35 -8.78
DANSKAMMER___2 23589	24.85 2.04 -0.43	23.22 1.81 -1.52	21.80 1.36 -5.03	20.90 1.29 -4.59	21.32 1.29 -4.83	22.07 1.38 -4.43	26.69 1.51 -7.62	27.84 1.68 -6.78	29.54 2.45 -2.38	30.50 2.44 -3.40	31.67 2.28 -5.88	30.17 2.23 -4.23	29.58 2.39 -2.56	27.05 2.19 -2.48	25.86 2.15 -1.29	25.46 2.00 -2.87	26.32 2.06 -2.82	31.92 2.12 -7.75	33.71 2.23 -8.26	34.81 2.53 -7.43	36.80 2.63 -9.35	30.14 2.19 -6.45	26.78 1.68 -7.23	24.81 1.35 -8.78
DANSKAMMER___3 23590	24.85 2.04 -0.43	23.22 1.81 -1.52	21.80 1.36 -5.03	20.90 1.29 -4.59	21.32 1.29 -4.83	22.07 1.38 -4.43	26.69 1.51 -7.62	27.84 1.68 -6.78	29.54 2.45 -2.38	30.50 2.44 -3.40	31.67 2.28 -5.88	30.17 2.23 -4.23	29.58 2.39 -2.56	27.05 2.19 -2.48	25.86 2.15 -1.29	25.46 2.00 -2.87	26.32 2.06 -2.82	31.92 2.12 -7.75	33.71 2.23 -8.26	34.81 2.53 -7.43	36.80 2.63 -9.35	30.14 2.19 -6.45	26.78 1.68 -7.23	24.81 1.35 -8.78
DANSKAMMER___4 23591	24.85 2.04 -0.43	23.22 1.81 -1.52	21.80 1.36 -5.03	20.90 1.29 -4.59	21.32 1.29 -4.83	22.07 1.38 -4.43	26.69 1.51 -7.62	27.84 1.68 -6.78	29.54 2.45 -2.38	30.50 2.44 -3.40	31.67 2.28 -5.88	30.17 2.23 -4.23	29.58 2.39 -2.56	27.05 2.19 -2.48	25.86 2.15 -1.29	25.46 2.00 -2.87	26.32 2.06 -2.82	31.92 2.12 -7.75	33.71 2.23 -8.26	34.81 2.53 -7.43	36.80 2.63 -9.35	30.14 2.19 -6.45	26.78 1.68 -7.23	24.81 1.35 -8.78
DANSKAMMER___DIESEL 23592	24.87 2.04 -0.45	23.23 1.81 -1.53	21.81 1.36 -5.04	20.91 1.29 -4.60	21.32 1.29 -4.84	22.08 1.38 -4.44	26.70 1.51 -7.64	27.86 1.69 -6.81	29.56 2.45 -2.41	30.52 2.44 -3.43	31.70 2.28 -5.91	30.19 2.23 -4.26	29.63 2.41 -2.59	27.06 2.19 -2.49	25.87 2.15 -1.30	25.47 2.00 -2.88	26.33 2.06 -2.83	31.94 2.12 -7.77	33.72 2.23 -8.28	34.85 2.56 -7.45	36.83 2.63 -9.37	30.16 2.19 -6.46	26.79 1.68 -7.24	24.83 1.35 -8.79
DARBY___SOLAR 323810	24.30 1.37 -0.55	23.00 1.21 -1.90	22.59 0.92 -6.25	21.63 0.90 -5.71	22.13 0.93 -6.01	22.76 0.99 -5.51	28.16 1.12 -9.48	29.07 1.26 -8.44	29.46 1.78 -2.98	30.72 1.82 -4.24	32.60 1.76 -7.32	30.76 1.78 -5.27	29.60 1.77 -3.20	27.06 1.59 -3.09	25.66 1.64 -1.61	25.57 1.40 -3.57	26.43 1.48 -3.51	33.19 1.50 -9.64	35.14 1.65 -10.28	35.85 1.76 -9.25	37.50 1.74 -10.94	31.03 1.51 -8.02	28.03 1.18 -8.99	26.49 0.90 -10.91
DASHVILLE___HYD 23610	24.39 1.54 -0.46	22.80 1.35 -1.56	21.59 1.03 -5.14	20.67 0.96 -4.69	21.09 0.96 -4.94	21.80 1.01 -4.53	26.46 1.11 -7.79	27.52 1.20 -6.95	28.99 1.83 -2.46	29.95 1.80 -3.50	31.21 1.67 -6.03	29.69 1.64 -4.34	29.09 1.82 -2.64	26.58 1.66 -2.54	25.34 1.59 -1.32	25.04 1.50 -2.94	25.85 1.52 -2.89	31.59 1.61 -7.93	33.34 1.67 -8.45	34.38 1.94 -7.60	36.28 2.04 -9.42	29.80 1.70 -6.60	26.52 1.27 -7.39	24.68 1.03 -8.97

DEERFIELD_69_KV_DEERFIELD LD 355887	25.70 2.87 -0.45	23.88 2.47 -1.53	22.19 1.76 -5.02	21.26 1.67 -4.58	21.80 1.79 -4.82	22.58 1.90 -4.42	27.27 2.11 -7.60	28.68 2.54 -6.78	30.54 3.43 -2.40	31.69 3.62 -3.41	33.55 3.20 -6.84	35.76 3.22 -8.83	34.43 3.37 -6.42	32.69 2.98 -7.33	32.50 3.05 -7.03	33.24 2.80 -9.84	31.80 2.89 -7.47	34.62 3.13 -9.44	37.09 3.37 -10.51	35.99 3.68 -7.48	43.83 3.72 -15.29	34.21 3.05 -9.66	29.31 2.48 -8.96	25.21 1.78 -8.75
DELAWARE___LFGE 323621	23.70 1.07 -0.24	21.59 0.95 -0.75	18.50 0.69 -2.39	17.84 0.65 -2.18	18.15 0.67 -2.29	19.06 0.70 -2.10	22.01 0.83 -3.62	23.55 0.93 -3.25	27.19 1.31 -1.17	27.62 1.31 -1.66	27.58 1.25 -2.83	27.01 1.26 -2.05	27.25 1.35 -1.26	24.81 1.23 -1.20	24.29 1.23 -0.64	23.01 1.05 -1.36	23.88 1.09 -1.34	26.86 1.12 -3.69	28.35 1.21 -3.93	29.79 1.42 -3.54	30.58 1.41 -4.34	25.73 1.16 -3.07	22.16 0.88 -3.42	19.54 0.71 -4.15
DERFIELD_115KV_TB7 355931	22.45 0.07 0.00	19.96 0.06 -0.01	15.50 0.05 -0.04	15.10 0.05 -0.04	15.28 0.05 -0.04	16.35 0.05 -0.04	17.68 0.05 -0.07	19.47 0.04 -0.06	24.80 0.07 -0.02	24.76 0.07 -0.03	23.63 0.07 -0.05	23.82 0.07 -0.04	24.73 0.07 -0.02	22.47 0.07 -0.02	22.50 0.07 -0.01	20.68 0.06 -0.03	21.53 0.06 -0.02	22.20 0.09 -0.07	23.36 0.07 -0.07	25.00 0.10 -0.07	25.00 0.10 -0.08	21.65 0.09 -0.06	18.00 0.07 -0.06	14.82 0.06 -0.08
DOGLEVILLE___HYD 23807	22.37 -0.02 -0.01	19.88 -0.04 -0.03	15.44 -0.06 -0.09	15.01 -0.09 -0.08	15.19 -0.09 -0.09	16.23 -0.11 -0.08	17.50 -0.19 -0.14	19.30 -0.19 -0.12	24.50 -0.25 -0.04	24.47 -0.25 -0.06	23.38 -0.24 -0.11	23.55 -0.24 -0.08	24.46 -0.22 -0.05	22.18 -0.25 -0.04	22.22 -0.22 -0.02	20.42 -0.23 -0.05	21.28 -0.21 -0.05	21.97 -0.22 -0.14	23.13 -0.23 -0.15	24.77 -0.20 -0.13	24.79 -0.20 -0.16	21.45 -0.17 -0.12	17.85 -0.14 -0.13	14.79 -0.06 -0.16
DUNKIRK___115KV_TB_200 55889	21.28 -0.78 0.32	19.18 -0.66 0.06	15.57 -0.63 -0.79	15.07 -0.74 -0.78	15.27 -0.74 -0.83	16.21 -0.80 -0.75	18.32 -0.42 -1.18	19.75 -0.45 -0.82	23.92 -0.72 0.07	24.10 -0.67 -0.11	23.48 -0.61 -0.58	23.38 -0.62 -0.28	23.98 -0.62 0.03	21.98 -0.54 -0.14	21.96 -0.40 0.06	20.27 -0.78 -0.45	21.09 -0.79 -0.45	22.49 -0.77 -1.21	23.88 -0.63 -1.29	25.73 -0.27 -1.16	25.82 -0.32 -1.32	22.06 -0.45 -1.01	18.51 -0.68 -1.33	15.87 -0.43 -1.61
DUNKIRK___1 23563	21.28 -0.78 0.32	19.18 -0.66 0.06	15.57 -0.63 -0.79	15.07 -0.74 -0.78	15.27 -0.74 -0.83	16.21 -0.80 -0.75	18.32 -0.42 -1.18	19.75 -0.45 -0.82	23.92 -0.72 0.07	24.10 -0.67 -0.11	23.48 -0.61 -0.58	23.38 -0.62 -0.28	23.98 -0.62 0.03	21.98 -0.54 -0.14	21.96 -0.40 0.06	20.27 -0.78 -0.45	21.09 -0.79 -0.45	22.49 -0.77 -1.21	23.88 -0.63 -1.29	25.73 -0.27 -1.16	25.82 -0.32 -1.32	22.06 -0.45 -1.01	18.51 -0.68 -1.33	15.87 -0.43 -1.61
DUNKIRK___2 23564	21.28 -0.78 0.32	19.18 -0.66 0.06	15.57 -0.63 -0.79	15.07 -0.74 -0.78	15.27 -0.74 -0.83	16.21 -0.80 -0.75	18.32 -0.42 -1.18	19.75 -0.45 -0.82	23.92 -0.72 0.07	24.10 -0.67 -0.11	23.48 -0.61 -0.58	23.38 -0.62 -0.28	23.98 -0.62 0.03	21.98 -0.54 -0.14	21.96 -0.40 0.06	20.27 -0.78 -0.45	21.09 -0.79 -0.45	22.49 -0.77 -1.21	23.88 -0.63 -1.29	25.73 -0.27 -1.16	25.82 -0.32 -1.32	22.06 -0.45 -1.01	18.51 -0.68 -1.33	15.87 -0.43 -1.61
DUNKIRK___3 23565	21.32 -0.74 0.33	19.23 -0.60 0.06	15.61 -0.59 -0.78	15.09 -0.71 -0.78	15.30 -0.71 -0.82	16.26 -0.75 -0.75	18.36 -0.37 -1.17	19.77 -0.41 -0.81	23.96 -0.67 0.08	24.14 -0.62 -0.10	23.51 -0.56 -0.57	23.39 -0.59 -0.27	23.99 -0.59 0.05	21.97 -0.54 -0.13	21.95 -0.40 0.07	20.24 -0.80 -0.45	21.07 -0.81 -0.44	22.46 -0.79 -1.21	23.85 -0.65 -1.28	25.69 -0.30 -1.15	25.78 -0.35 -1.31	22.03 -0.47 -1.01	18.47 -0.71 -1.32	15.85 -0.44 -1.60
DUNKIRK___4 23566	21.32 -0.74 0.33	19.23 -0.60 0.06	15.61 -0.59 -0.78	15.09 -0.71 -0.78	15.30 -0.71 -0.82	16.26 -0.75 -0.75	18.36 -0.37 -1.17	19.77 -0.41 -0.81	23.96 -0.67 0.08	24.14 -0.62 -0.10	23.51 -0.56 -0.57	23.39 -0.59 -0.27	23.99 -0.59 0.05	21.97 -0.54 -0.13	21.95 -0.40 0.07	20.24 -0.80 -0.45	21.07 -0.81 -0.44	22.46 -0.79 -1.21	23.85 -0.65 -1.28	25.69 -0.30 -1.15	25.78 -0.35 -1.31	22.03 -0.47 -1.01	18.47 -0.71 -1.32	15.85 -0.44 -1.60
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.00 2.17 -0.45	23.34 1.93 -1.53	21.84 1.40 -5.02	20.93 1.34 -4.58	21.35 1.34 -4.82	22.10 1.41 -4.42	26.71 1.55 -7.60	27.91 1.76 -6.78	29.62 2.52 -2.40	30.53 2.47 -3.41	31.72 2.33 -5.88	30.29 2.35 -4.24	29.77 2.56 -2.57	27.14 2.28 -2.48	26.00 2.29 -1.29	25.56 2.10 -2.86	26.40 2.14 -2.82	32.08 2.29 -7.74	33.87 2.41 -8.24	34.97 2.71 -7.42	36.98 2.73 -9.42	30.22 2.28 -6.43	26.82 1.75 -7.21	24.82 1.38 -8.75
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.75 1.92 -0.44	23.08 1.69 -1.51	21.63 1.26 -4.95	20.73 1.20 -4.51	21.14 1.20 -4.75	21.89 1.27 -4.36	26.46 1.40 -7.50	27.60 1.55 -6.68	29.32 2.25 -2.36	30.26 2.24 -3.37	31.40 2.09 -5.80	29.95 2.06 -4.18	29.41 2.24 -2.54	26.86 2.04 -2.45	25.72 2.02 -1.28	25.27 1.85 -2.82	26.13 1.91 -2.78	31.66 1.98 -7.63	33.43 2.09 -8.13	34.56 2.41 -7.32	36.50 2.46 -9.22	29.91 2.06 -6.35	26.55 1.57 -7.11	24.56 1.25 -8.62
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.21 2.37 -0.46	23.53 2.11 -1.53	22.00 1.56 -5.03	21.09 1.49 -4.59	21.51 1.49 -4.83	22.28 1.59 -4.43	26.85 1.69 -7.61	28.05 1.90 -6.79	29.78 2.67 -2.41	30.71 2.64 -3.42	31.87 2.47 -5.89	30.42 2.47 -4.25	29.87 2.66 -2.58	27.28 2.42 -2.49	26.12 2.40 -1.30	25.69 2.22 -2.87	26.52 2.25 -2.83	32.20 2.40 -7.74	34.02 2.55 -8.25	35.10 2.83 -7.43	37.13 2.88 -9.43	30.37 2.43 -6.44	26.96 1.88 -7.22	24.96 1.51 -8.76
E179THST_13_KV_LOAD 356214	25.30 2.46 -0.46	23.61 2.19 -1.53	22.04 1.60 -5.03	21.14 1.53 -4.59	21.55 1.53 -4.83	22.33 1.64 -4.43	26.93 1.76 -7.61	28.13 1.98 -6.79	29.88 2.77 -2.41	30.81 2.74 -3.42	31.96 2.56 -5.89	30.52 2.56 -4.25	30.00 2.78 -2.58	27.37 2.51 -2.49	26.21 2.49 -1.30	25.78 2.31 -2.87	26.60 2.34 -2.83	32.31 2.51 -7.74	34.14 2.67 -8.25	35.22 2.96 -7.43	37.23 2.98 -9.43	30.46 2.52 -6.44	27.01 1.93 -7.22	25.02 1.57 -8.76
EAST HAMPTON___GT 23717	25.95 3.13 -0.43	24.10 2.70 -1.51	22.36 1.94 -5.00	21.42 1.83 -4.57	21.94 1.94 -4.81	22.82 2.15 -4.41	27.54 2.41 -7.58	28.89 2.77 -6.75	30.91 3.83 -2.37	32.06 4.02 -3.38	33.88 3.55 -6.82	36.10 3.58 -8.81	34.78 3.74 -6.40	32.99 3.29 -7.32	32.78 3.34 -7.02	33.51 3.07 -9.84	32.10 3.20 -7.47	34.93 3.46 -9.42	37.44 3.74 -10.49	36.36 4.07 -7.45	44.14 4.09 -15.22	34.47 3.33 -9.63	29.54 2.71 -8.96	25.39 1.95 -8.75
EAST RIVER___6 23660	25.16 2.35 -0.43	23.45 2.05 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.72 2.64 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.37 2.44 -4.22	29.85 2.66 -2.56	27.24 2.40 -2.47	26.08 2.38 -1.28	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.43 -7.71	33.99 2.55 -8.22	35.06 2.83 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.88 1.80 -7.21	24.88 1.44 -8.75

EAST RIVER___7 23524	25.16 2.35 -0.43	23.45 2.05 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.72 2.64 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.37 2.44 -4.22	29.85 2.66 -2.56	27.24 2.40 -2.47	26.08 2.38 -1.28	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.43 -7.71	33.99 2.55 -8.22	35.06 2.83 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.88 1.80 -7.21	24.88 1.44 -8.75
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.96 2.13 -0.45	23.28 1.87 -1.52	21.80 1.37 -5.01	20.90 1.31 -4.57	21.31 1.31 -4.82	22.08 1.40 -4.42	26.67 1.51 -7.60	27.85 1.70 -6.77	29.57 2.47 -2.40	30.48 2.42 -3.41	31.67 2.28 -5.88	30.24 2.30 -4.23	29.69 2.49 -2.57	27.10 2.24 -2.48	25.93 2.22 -1.29	25.52 2.06 -2.86	26.36 2.10 -2.82	32.01 2.23 -7.73	33.82 2.37 -8.24	34.89 2.63 -7.41	36.91 2.68 -9.41	30.15 2.21 -6.43	26.78 1.72 -7.20	24.78 1.35 -8.74
EAST_HAMPTON___DIESEL 23722	25.95 3.13 -0.43	24.10 2.70 -1.51	22.36 1.94 -5.00	21.42 1.83 -4.57	21.96 1.96 -4.81	22.83 2.16 -4.41	27.54 2.41 -7.58	28.91 2.79 -6.75	30.93 3.85 -2.37	32.06 4.02 -3.38	33.88 3.55 -6.82	36.10 3.58 -8.81	34.78 3.74 -6.40	32.99 3.29 -7.32	32.78 3.34 -7.02	33.51 3.07 -9.84	32.10 3.20 -7.47	34.93 3.46 -9.42	37.44 3.74 -10.49	36.36 4.07 -7.45	44.14 4.09 -15.22	34.47 3.33 -9.63	29.54 2.71 -8.96	25.41 1.97 -8.75
EAST_PULASKI___ESR 323781	22.20 -0.22 -0.04	19.80 -0.22 -0.13	15.65 -0.17 -0.41	15.22 -0.17 -0.37	15.41 -0.17 -0.39	16.42 -0.20 -0.36	17.98 -0.19 -0.62	19.67 -0.25 -0.56	24.54 -0.37 -0.20	24.55 -0.39 -0.29	23.62 -0.38 -0.49	23.68 -0.38 -0.35	24.48 -0.37 -0.22	22.23 -0.36 -0.21	22.15 -0.38 -0.11	20.48 -0.35 -0.23	21.30 -0.36 -0.23	22.34 -0.33 -0.63	23.56 -0.33 -0.67	25.25 -0.22 -0.63	25.41 -0.20 -0.79	21.92 -0.19 -0.61	18.32 -0.13 -0.58	15.29 -0.10 -0.70
EAST_RIVER___1 323558	25.12 2.31 -0.43	23.43 2.03 -1.51	21.91 1.49 -5.00	20.99 1.41 -4.56	21.43 1.43 -4.81	22.18 1.51 -4.41	26.77 1.63 -7.58	27.96 1.84 -6.75	29.72 2.64 -2.37	30.60 2.56 -3.38	31.80 2.42 -5.86	30.37 2.44 -4.22	29.85 2.66 -2.56	27.24 2.40 -2.47	26.08 2.38 -1.28	25.66 2.20 -2.86	26.51 2.25 -2.82	32.16 2.40 -7.71	33.99 2.55 -8.22	35.04 2.81 -7.39	37.06 2.88 -9.36	30.28 2.37 -6.41	26.92 1.84 -7.21	24.91 1.47 -8.75
EAST_RIVER___2 323559	25.16 2.35 -0.43	23.45 2.05 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.72 2.64 -2.37	30.58 2.54 -3.38	31.77 2.40 -5.86	30.37 2.44 -4.22	29.85 2.66 -2.56	27.24 2.40 -2.47	26.08 2.38 -1.28	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.43 -7.71	33.99 2.55 -8.22	35.06 2.83 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.88 1.80 -7.21	24.88 1.44 -8.75
EAST___DELAWARE_HYD 23607	24.99 2.19 -0.41	23.26 1.93 -1.45	21.66 1.45 -4.80	20.76 1.37 -4.38	21.17 1.37 -4.61	21.95 1.46 -4.23	26.33 1.51 -7.26	27.52 1.68 -6.47	29.40 2.42 -2.27	30.32 2.42 -3.24	31.33 2.21 -5.61	29.97 2.23 -4.03	29.49 2.42 -2.44	26.93 2.19 -2.36	25.78 2.13 -1.23	25.31 1.98 -2.74	26.17 2.04 -2.69	31.56 2.12 -7.39	33.32 2.23 -7.88	34.51 2.58 -7.09	36.36 2.71 -8.84	29.86 2.22 -6.14	26.46 1.70 -6.90	24.53 1.47 -8.37
EIGHT_POINT___WT_PWR 323820	40.85 -0.16 -18.62	35.65 -0.12 -15.89	22.18 -0.22 -6.98	18.28 -0.32 -3.58	18.50 -0.32 -3.63	19.71 -0.31 -3.76	29.05 -0.05 -11.55	40.52 0.14 -21.01	48.94 0.10 -24.14	49.34 0.15 -24.54	48.07 0.12 -24.44	47.75 0.12 -23.92	48.83 0.12 -24.07	37.65 0.11 -15.16	36.74 0.25 -14.07	24.33 -0.17 -3.90	25.12 -0.15 -3.83	32.87 -0.04 -10.86	35.47 0.16 -12.09	36.63 0.52 -11.27	43.88 0.52 -18.53	31.61 0.32 -9.78	19.45 -0.02 -1.60	16.73 0.10 -1.94
ELBRIDGE_115KV_TB2 80188	22.46 0.00 -0.07	20.09 0.00 -0.20	16.01 -0.02 -0.61	15.59 0.02 -0.55	15.79 0.02 -0.58	16.81 0.02 -0.53	18.53 0.05 -0.92	20.28 0.08 -0.83	25.07 0.05 -0.31	25.16 0.07 -0.43	24.29 0.05 -0.73	24.29 0.05 -0.53	25.01 0.05 -0.33	22.74 0.04 -0.31	22.64 0.04 -0.17	21.01 0.06 -0.35	21.85 0.06 -0.34	23.07 0.09 -0.94	24.29 0.07 -1.00	25.85 0.10 -0.91	26.04 0.10 -1.12	22.41 0.11 -0.80	18.82 0.09 -0.87	15.81 0.07 -1.05
ELEC_TRO_TEK 24086	25.36 2.53 -0.45	23.60 2.19 -1.53	22.01 1.57 -5.02	21.08 1.49 -4.58	21.53 1.52 -4.82	22.31 1.63 -4.42	26.94 1.77 -7.60	28.22 2.07 -6.78	30.07 2.96 -2.40	31.08 3.01 -3.41	33.08 2.73 -6.84	35.29 2.75 -8.83	34.01 2.96 -6.42	32.37 2.66 -7.33	32.10 2.65 -7.03	32.87 2.43 -9.84	31.42 2.51 -7.47	34.14 2.65 -9.44	36.54 2.81 -10.51	35.45 3.13 -7.48	43.26 3.15 -15.29	33.80 2.64 -9.66	28.91 2.09 -8.96	25.02 1.59 -8.75
ELLENBURG_WT_PWR 323604	21.98 -0.40 0.00	19.53 -0.36 0.00	15.17 -0.25 0.00	14.70 -0.32 0.00	14.86 -0.33 0.00	15.85 -0.41 0.00	17.14 -0.42 0.00	18.85 -0.52 0.00	23.91 -0.79 0.00	23.84 -0.81 0.00	22.57 -0.94 0.00	22.71 -0.99 0.00	23.38 -1.26 0.00	21.21 -1.16 0.00	21.19 -1.23 0.00	19.48 -1.11 0.00	20.28 -1.16 0.00	20.77 -1.28 0.00	21.84 -1.37 0.00	23.04 -1.64 0.16	22.89 -1.71 0.22	19.58 -1.51 0.42	16.63 -1.23 0.00	13.63 -1.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.10 -0.87 0.41	19.03 -0.72 0.15	15.49 -0.62 -0.70	15.05 -0.68 -0.71	15.24 -0.70 -0.75	16.24 -0.70 -0.68	18.12 -0.47 -1.04	19.39 -0.62 -0.64	23.56 -0.94 0.21	23.73 -0.89 0.04	23.04 -0.87 -0.40	22.93 -0.90 -0.12	23.52 -0.94 0.18	21.55 -0.87 -0.04	21.52 -0.76 0.14	20.05 -0.95 -0.40	20.85 -0.99 -0.39	22.10 -1.01 -1.07	23.37 -0.98 -1.14	24.99 -0.87 -1.02	25.05 -0.89 -1.12	21.53 -0.86 -0.89	18.22 -0.88 -1.23	15.68 -0.50 -1.49
EMPIRE_CC_1 323656	24.05 1.16 -0.51	22.70 1.03 -1.77	22.08 0.79 -5.88	21.15 0.77 -5.36	21.61 0.77 -5.65	22.27 0.83 -5.18	27.37 0.91 -8.90	28.28 0.99 -7.93	28.90 1.41 -2.79	30.04 1.40 -3.98	31.74 1.36 -6.87	30.03 1.37 -4.94	29.03 1.40 -2.99	26.57 1.30 -2.89	25.22 1.30 -1.50	25.12 1.17 -3.35	25.96 1.22 -3.30	32.34 1.23 -9.06	34.19 1.32 -9.65	34.94 1.42 -8.69	36.36 1.39 -10.15	30.24 1.20 -7.53	27.28 0.96 -8.45	25.69 0.75 -10.25
EMPIRE_CC_2 323658	24.05 1.16 -0.51	22.70 1.03 -1.77	22.08 0.79 -5.88	21.15 0.77 -5.36	21.61 0.77 -5.65	22.27 0.83 -5.18	27.37 0.91 -8.90	28.28 0.99 -7.93	28.90 1.41 -2.79	30.04 1.40 -3.98	31.74 1.36 -6.87	30.03 1.37 -4.94	29.03 1.40 -2.99	26.57 1.30 -2.89	25.22 1.30 -1.50	25.12 1.17 -3.35	25.96 1.22 -3.30	32.34 1.23 -9.06	34.19 1.32 -9.65	34.94 1.42 -8.69	36.36 1.39 -10.15	30.24 1.20 -7.53	27.28 0.96 -8.45	25.69 0.75 -10.25
ENORWICH_115KV_TB1 80156	24.14 1.52 -0.24	21.85 1.37 -0.59	18.09 0.96 -1.72	17.48 0.90 -1.56	17.77 0.94 -1.64	18.77 1.01 -1.50	21.43 1.26 -2.61	23.12 1.38 -2.38	27.38 1.75 -0.92	27.64 1.73 -1.26	27.22 1.62 -2.09	26.88 1.64 -1.54	27.33 1.72 -0.98	24.89 1.61 -0.91	24.54 1.61 -0.50	22.96 1.38 -0.98	23.82 1.42 -0.97	26.24 1.54 -2.65	27.76 1.72 -2.83	29.45 2.06 -2.55	30.01 2.04 -3.15	25.33 1.61 -2.22	21.51 1.21 -2.43	18.68 1.04 -2.95

ERIE_ST__34_KV_TB1-2 80199	21.91 -0.13 0.34	19.72 -0.08 0.09	15.73 -0.40 -0.72	14.99 -0.75 -0.73	15.18 -0.77 -0.77	16.16 -0.80 -0.69	18.69 0.05 -1.08	20.11 0.02 -0.73	24.46 -0.12 0.12	24.66 -0.05 -0.05	23.93 -0.07 -0.49	23.83 -0.09 -0.21	24.45 -0.10 0.09	22.34 -0.13 -0.10	22.31 -0.02 0.09	20.00 -1.01 -0.41	20.77 -1.07 -0.41	22.14 -1.01 -1.11	23.66 -0.74 -1.19	25.90 0.00 -1.06	25.97 -0.05 -1.20	22.04 -0.39 -0.93	18.16 -0.95 -1.25	15.61 -0.59 -1.51
ERIE_WT_PWR 323693	16.08 -0.69 5.61	14.81 -0.58 4.50	13.94 -0.57 0.91	14.38 -0.68 -0.03	14.59 -0.68 -0.08	15.49 -0.72 0.06	15.37 -0.53 1.66	14.13 -0.47 4.78	17.14 -0.74 6.82	17.27 -0.69 6.69	16.80 -0.66 6.05	16.70 -0.71 6.30	17.16 -0.72 6.76	17.64 -0.69 4.05	17.83 -0.58 4.01	19.16 -0.95 0.49	19.97 -0.99 0.48	19.64 -0.97 1.43	20.66 -0.88 1.67	22.50 -0.72 1.62	20.66 -0.69 3.47	19.36 -0.73 1.41	18.33 -0.84 -1.30	15.79 -0.48 -1.58
ESPRGFLD_115KV_TB1 80157	23.59 1.21 0.00	20.91 1.07 0.05	15.98 0.79 0.22	15.55 0.74 0.20	15.73 0.76 0.22	16.89 0.83 0.20	18.21 0.98 0.33	20.23 1.14 0.28	26.21 1.58 0.08	26.11 1.58 0.13	24.80 1.53 0.24	25.04 1.49 0.16	26.07 1.53 0.09	23.69 1.41 0.09	23.82 1.44 0.04	21.67 1.19 0.13	22.58 1.26 0.12	23.05 1.34 0.34	24.34 1.49 0.36	26.28 1.76 0.32	26.15 1.76 0.43	22.71 1.48 0.28	18.65 1.11 0.33	15.14 0.85 0.40
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.30 0.67 -0.25	20.98 0.60 -0.49	17.11 0.42 -1.28	16.55 0.39 -1.15	16.79 0.39 -1.21	17.81 0.44 -1.11	20.10 0.60 -1.94	21.82 0.64 -1.81	26.26 0.79 -0.76	26.48 0.81 -1.02	25.88 0.75 -1.62	25.66 0.74 -1.21	26.20 0.76 -0.81	23.75 0.65 -0.72	23.51 0.67 -0.42	21.88 0.56 -0.73	22.74 0.58 -0.72	24.66 0.64 -1.97	26.04 0.72 -2.10	27.66 0.92 -1.90	28.11 0.92 -2.37	23.89 0.73 -1.66	20.18 0.54 -1.77	17.31 0.47 -2.15
ETNA____115KV_TB2 80207	23.30 0.67 -0.25	20.98 0.60 -0.49	17.11 0.42 -1.28	16.55 0.39 -1.15	16.79 0.39 -1.21	17.81 0.44 -1.11	20.10 0.60 -1.94	21.82 0.64 -1.81	26.26 0.79 -0.76	26.48 0.81 -1.02	25.88 0.75 -1.62	25.66 0.74 -1.21	26.20 0.76 -0.81	23.75 0.65 -0.72	23.51 0.67 -0.42	21.88 0.56 -0.73	22.74 0.58 -0.72	24.66 0.64 -1.97	26.04 0.72 -2.10	27.66 0.92 -1.90	28.11 0.92 -2.37	23.89 0.73 -1.66	20.18 0.54 -1.77	17.31 0.47 -2.15
EUCLID____115KV_TB2 356179	22.26 -0.16 -0.03	19.89 -0.14 -0.14	15.81 -0.11 -0.50	15.39 -0.09 -0.46	15.58 -0.09 -0.48	16.62 -0.08 -0.44	18.22 -0.09 -0.76	19.92 -0.12 -0.66	24.73 -0.20 -0.22	24.81 -0.17 -0.32	23.92 -0.16 -0.57	23.95 -0.17 -0.41	24.70 -0.17 -0.24	22.46 -0.16 -0.24	22.38 -0.16 -0.12	20.76 -0.12 -0.28	21.59 -0.13 -0.28	22.68 -0.13 -0.77	23.89 -0.14 -0.82	25.43 -0.15 -0.74	25.58 -0.15 -0.91	22.06 -0.11 -0.66	18.52 -0.07 -0.72	15.54 -0.03 -0.88
E_CANADA_CAP_HY 24051	24.30 1.28 -0.64	23.27 1.13 -2.25	23.73 0.85 -7.47	22.64 0.81 -6.81	23.20 0.83 -7.18	23.75 0.91 -6.58	30.00 1.12 -11.31	30.66 1.22 -10.07	29.95 1.70 -3.54	31.41 1.70 -5.05	33.91 1.67 -8.73	31.63 1.63 -6.28	30.04 1.60 -3.80	27.53 1.48 -3.68	25.86 1.53 -1.91	26.16 1.30 -4.26	27.03 1.39 -4.19	35.04 1.48 -11.51	37.15 1.67 -12.27	37.76 1.89 -11.04	39.90 1.89 -13.19	32.73 1.66 -9.57	29.87 1.27 -10.74	28.66 0.94 -13.03
E_CANADA_MHWK_HY 24050	22.37 -0.02 -0.01	19.88 -0.04 -0.03	15.44 -0.06 -0.09	15.01 -0.09 -0.08	15.19 -0.09 -0.09	16.23 -0.11 -0.08	17.50 -0.19 -0.14	19.30 -0.19 -0.12	24.50 -0.25 -0.04	24.47 -0.25 -0.06	23.38 -0.24 -0.11	23.55 -0.24 -0.08	24.46 -0.22 -0.05	22.18 -0.25 -0.04	22.22 -0.22 -0.02	20.42 -0.23 -0.05	21.28 -0.21 -0.05	21.97 -0.22 -0.14	23.13 -0.23 -0.15	24.77 -0.20 -0.13	24.79 -0.20 -0.16	21.45 -0.17 -0.12	17.85 -0.14 -0.13	14.79 -0.06 -0.16
E_FISHKILL____LBMP 23776	24.65 1.81 -0.45	23.05 1.61 -1.55	21.73 1.23 -5.09	20.83 1.17 -4.64	21.26 1.18 -4.89	21.99 1.25 -4.48	26.62 1.35 -7.71	27.77 1.53 -6.87	29.33 2.20 -2.43	30.28 2.17 -3.46	31.52 2.05 -5.96	30.07 2.06 -4.29	29.46 2.22 -2.61	26.89 1.99 -2.52	25.73 2.00 -1.31	25.33 1.83 -2.90	26.18 1.89 -2.86	31.88 1.98 -7.84	33.66 2.09 -8.36	34.69 2.33 -7.52	36.80 2.36 -9.62	30.00 1.98 -6.52	26.71 1.54 -7.31	24.78 1.22 -8.87
FALCON____SEABRD_CC1 323796	22.14 -0.25 0.00	19.69 -0.20 0.00	15.28 -0.14 0.00	14.81 -0.21 0.00	14.95 -0.24 0.00	15.95 -0.31 0.00	17.28 -0.28 0.00	19.00 -0.37 0.00	24.11 -0.59 0.00	24.06 -0.59 0.00	22.73 -0.78 0.00	22.88 -0.83 0.00	23.55 -1.08 0.00	21.35 -1.03 0.00	21.35 -1.08 0.00	19.61 -0.99 0.00	20.43 -1.01 0.00	20.92 -1.12 0.00	22.01 -1.21 0.00	23.24 -1.44 0.16	23.08 -1.52 0.23	19.72 -1.35 0.42	16.74 -1.12 0.00	13.72 -0.97 0.00
FALCON____SEABRD_CC2 323797	22.14 -0.25 0.00	19.69 -0.20 0.00	15.28 -0.14 0.00	14.81 -0.21 0.00	14.95 -0.24 0.00	15.95 -0.31 0.00	17.28 -0.28 0.00	19.00 -0.37 0.00	24.11 -0.59 0.00	24.06 -0.59 0.00	22.73 -0.78 0.00	22.88 -0.83 0.00	23.55 -1.08 0.00	21.35 -1.03 0.00	21.35 -1.08 0.00	19.61 -0.99 0.00	20.43 -1.01 0.00	20.92 -1.12 0.00	22.01 -1.21 0.00	23.24 -1.44 0.16	23.08 -1.52 0.23	19.72 -1.35 0.42	16.74 -1.12 0.00	13.72 -0.97 0.00
FAR ROCKAWAY____4 23548	25.65 2.82 -0.45	23.86 2.45 -1.53	22.19 1.76 -5.02	21.25 1.65 -4.58	21.70 1.69 -4.82	22.50 1.82 -4.42	27.15 1.98 -7.60	28.41 2.27 -6.78	30.29 3.19 -2.40	31.30 3.23 -3.41	33.36 3.01 -6.84	35.55 3.01 -8.83	34.33 3.28 -6.42	32.64 2.93 -7.33	32.37 2.91 -7.03	33.14 2.70 -9.84	31.68 2.77 -7.47	34.38 2.89 -9.44	36.79 3.06 -10.51	35.72 3.40 -7.48	43.56 3.45 -15.29	34.04 2.88 -9.66	29.13 2.30 -8.96	25.21 1.78 -8.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.14 2.31 -0.45	23.46 2.05 -1.53	21.93 1.50 -5.02	21.01 1.41 -4.58	21.44 1.43 -4.82	22.19 1.51 -4.42	26.79 1.63 -7.60	27.99 1.84 -6.78	29.77 2.67 -2.40	30.66 2.59 -3.41	31.81 2.42 -5.88	30.39 2.44 -4.24	29.89 2.68 -2.57	27.25 2.39 -2.48	26.11 2.40 -1.29	25.69 2.22 -2.86	26.51 2.25 -2.82	32.21 2.43 -7.74	34.01 2.55 -8.24	35.09 2.83 -7.42	37.13 2.88 -9.42	30.32 2.39 -6.44	26.91 1.84 -7.21	24.90 1.47 -8.75
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.14 2.31 -0.45	23.46 2.05 -1.53	21.93 1.50 -5.02	21.02 1.43 -4.58	21.44 1.43 -4.82	22.19 1.51 -4.42	26.79 1.63 -7.60	27.99 1.84 -6.78	29.77 2.67 -2.40	30.66 2.59 -3.41	31.81 2.42 -5.88	30.39 2.44 -4.24	29.89 2.68 -2.57	27.25 2.39 -2.48	26.11 2.40 -1.29	25.69 2.22 -2.86	26.51 2.25 -2.82	32.21 2.43 -7.74	34.01 2.55 -8.24	35.09 2.83 -7.42	37.13 2.88 -9.42	30.32 2.39 -6.44	26.91 1.84 -7.21	24.90 1.47 -8.75
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.14 2.31 -0.45	23.44 2.03 -1.53	21.93 1.50 -5.02	21.01 1.41 -4.58	21.44 1.43 -4.82	22.19 1.51 -4.42	26.79 1.63 -7.60	27.99 1.84 -6.78	29.75 2.64 -2.40	30.63 2.56 -3.41	31.81 2.42 -5.88	30.39 2.44 -4.24	29.87 2.66 -2.57	27.25 2.39 -2.48	26.09 2.38 -1.29	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.40 -7.74	33.99 2.53 -8.24	35.09 2.83 -7.42	37.13 2.88 -9.42	30.32 2.39 -6.44	26.91 1.84 -7.21	24.90 1.47 -8.75

FARRAGUT___LBMP 323566	25.11 2.28 -0.45	23.44 2.03 -1.53	21.91 1.48 -5.02	21.01 1.41 -4.58	21.42 1.41 -4.82	22.18 1.50 -4.42	26.78 1.62 -7.60	27.97 1.82 -6.78	29.75 2.64 -2.40	30.63 2.56 -3.41	31.79 2.40 -5.88	30.37 2.42 -4.24	29.87 2.66 -2.57	27.23 2.37 -2.48	26.07 2.35 -1.29	25.64 2.18 -2.86	26.49 2.23 -2.82	32.17 2.38 -7.74	33.99 2.53 -8.24	35.06 2.81 -7.42	37.10 2.85 -9.42	30.30 2.37 -6.44	26.90 1.82 -7.21	24.89 1.45 -8.75
FENNER___WINDPWR 24204	22.91 0.47 -0.06	20.51 0.42 -0.20	16.37 0.29 -0.66	15.89 0.27 -0.60	16.10 0.27 -0.64	17.14 0.29 -0.58	18.88 0.32 -1.00	20.65 0.39 -0.89	25.49 0.47 -0.31	25.57 0.47 -0.45	24.73 0.45 -0.77	24.72 0.45 -0.56	25.49 0.52 -0.34	23.11 0.40 -0.33	23.00 0.40 -0.17	21.28 0.31 -0.38	22.15 0.34 -0.37	23.44 0.37 -1.02	24.72 0.42 -1.09	26.38 0.55 -1.00	26.55 0.52 -1.20	22.80 0.41 -0.89	19.14 0.32 -0.95	16.14 0.29 -1.16
FIBERTEK___ENERGY 23856	22.54 0.09 -0.06	20.15 0.08 -0.19	16.05 0.06 -0.58	15.62 0.08 -0.53	15.82 0.08 -0.55	16.85 0.08 -0.51	18.56 0.12 -0.88	20.28 0.12 -0.79	25.12 0.12 -0.29	25.19 0.12 -0.41	24.32 0.12 -0.69	24.33 0.12 -0.50	25.09 0.15 -0.31	22.78 0.11 -0.30	22.69 0.11 -0.16	21.03 0.10 -0.33	21.87 0.11 -0.32	23.07 0.13 -0.89	24.31 0.14 -0.95	25.88 0.17 -0.86	26.04 0.15 -1.06	22.42 0.15 -0.76	18.82 0.13 -0.83	15.82 0.13 -1.00
FITZPATRICK____ 23598	21.94 -0.47 -0.03	19.57 -0.42 -0.10	15.44 -0.32 -0.35	15.04 -0.30 -0.32	15.22 -0.30 -0.33	16.26 -0.31 -0.31	17.72 -0.37 -0.53	19.43 -0.41 -0.47	24.30 -0.57 -0.16	24.32 -0.57 -0.24	23.38 -0.54 -0.41	23.46 -0.54 -0.29	24.24 -0.57 -0.18	22.04 -0.51 -0.17	22.02 -0.49 -0.09	20.36 -0.43 -0.20	21.18 -0.45 -0.20	22.12 -0.46 -0.54	23.30 -0.49 -0.57	24.81 -0.55 -0.51	24.90 -0.55 -0.62	21.50 -0.45 -0.45	18.03 -0.34 -0.50	15.05 -0.25 -0.61
FLOWRFLD_69_KV_BK1 356044	25.56 2.73 -0.45	23.78 2.37 -1.53	22.11 1.68 -5.02	21.19 1.59 -4.58	21.68 1.67 -4.82	22.45 1.77 -4.42	27.11 1.95 -7.60	28.53 2.38 -6.78	30.36 3.26 -2.40	31.45 3.38 -3.41	33.36 3.01 -6.84	35.55 3.01 -8.83	34.25 3.20 -6.42	32.58 2.86 -7.33	32.37 2.91 -7.03	33.10 2.66 -9.84	31.65 2.74 -7.47	34.44 2.95 -9.44	36.86 3.13 -10.51	35.77 3.45 -7.48	43.58 3.48 -15.29	34.06 2.90 -9.66	29.16 2.34 -8.96	25.11 1.67 -8.75
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.91 2.08 -0.45	23.25 1.83 -1.54	21.85 1.39 -5.05	20.93 1.31 -4.61	21.35 1.31 -4.85	22.11 1.40 -4.45	26.76 1.55 -7.65	27.92 1.72 -6.82	29.59 2.47 -2.41	30.58 2.49 -3.43	31.76 2.33 -5.92	30.25 2.28 -4.26	29.66 2.44 -2.59	27.11 2.24 -2.50	25.92 2.20 -1.30	25.50 2.02 -2.88	26.36 2.08 -2.84	32.00 2.16 -7.79	33.79 2.28 -8.30	34.89 2.58 -7.47	36.91 2.68 -9.40	30.22 2.24 -6.48	26.84 1.72 -7.26	24.86 1.37 -8.81
FORT ORANGE____ 23900	23.77 0.87 -0.52	22.48 0.77 -1.82	22.02 0.59 -6.02	21.10 0.59 -5.50	21.57 0.59 -5.79	22.20 0.63 -5.31	27.40 0.72 -9.12	28.27 0.78 -8.12	28.70 1.14 -2.85	29.86 1.13 -4.07	31.63 1.08 -7.04	29.89 1.11 -5.07	28.86 1.16 -3.07	26.35 1.01 -2.97	24.99 1.03 -1.54	24.94 0.91 -3.44	25.76 0.94 -3.38	32.30 0.97 -9.28	34.15 1.05 -9.89	34.88 1.14 -8.90	36.53 1.14 -10.56	30.19 0.97 -7.72	27.29 0.77 -8.66	25.77 0.57 -10.51
FORT_DRUM_COGEN 23780	22.13 -0.29 -0.03	19.73 -0.26 -0.10	15.49 -0.22 -0.29	14.98 -0.30 -0.27	15.18 -0.29 -0.28	16.19 -0.33 -0.26	17.69 -0.32 -0.44	19.44 -0.33 -0.40	24.34 -0.52 -0.15	24.25 -0.62 -0.21	23.18 -0.68 -0.35	23.23 -0.74 -0.26	24.13 -0.67 -0.16	21.86 -0.67 -0.15	21.79 -0.72 -0.08	20.10 -0.66 -0.17	20.94 -0.66 -0.16	21.95 -0.55 -0.45	23.28 -0.42 -0.48	25.08 -0.30 -0.54	25.21 -0.30 -0.69	21.85 -0.32 -0.67	18.05 -0.23 -0.42	14.96 -0.24 -0.51
FPL_FAR_ROCK_GT1 24212	25.63 2.82 -0.43	23.84 2.45 -1.51	22.17 1.76 -5.00	21.24 1.65 -4.57	21.68 1.69 -4.81	22.51 1.84 -4.41	27.12 1.98 -7.58	28.38 2.27 -6.75	30.27 3.19 -2.37	31.27 3.23 -3.38	33.34 3.01 -6.82	35.53 3.01 -8.81	34.31 3.28 -6.40	32.63 2.93 -7.32	32.35 2.91 -7.02	33.13 2.70 -9.84	31.68 2.77 -7.47	34.35 2.89 -9.42	36.77 3.06 -10.49	35.69 3.40 -7.45	43.49 3.45 -15.22	34.02 2.88 -9.63	29.13 2.31 -8.96	25.22 1.78 -8.75
FPL_FAR_ROCK_GT2 23815	25.63 2.82 -0.43	23.84 2.45 -1.51	22.17 1.76 -5.00	21.24 1.65 -4.57	21.68 1.69 -4.81	22.51 1.84 -4.41	27.12 1.98 -7.58	28.38 2.27 -6.75	30.27 3.19 -2.37	31.27 3.23 -3.38	33.34 3.01 -6.82	35.53 3.01 -8.81	34.31 3.28 -6.40	32.63 2.93 -7.32	32.35 2.91 -7.02	33.13 2.70 -9.84	31.68 2.77 -7.47	34.35 2.89 -9.42	36.77 3.06 -10.49	35.69 3.40 -7.45	43.49 3.45 -15.22	34.02 2.88 -9.63	29.13 2.31 -8.96	25.22 1.78 -8.75
FRANKLIN_FALL_HYD 24054	21.96 -0.43 0.00	19.52 -0.38 -0.01	15.19 -0.26 -0.04	14.71 -0.35 -0.04	14.86 -0.36 -0.04	15.87 -0.42 -0.03	17.14 -0.47 -0.06	18.92 -0.50 -0.05	23.93 -0.79 -0.02	23.92 -0.76 -0.03	22.68 -0.87 -0.04	22.84 -0.90 -0.03	23.54 -1.11 -0.02	21.37 -1.03 -0.02	21.36 -1.08 -0.01	19.63 -0.99 -0.02	20.45 -1.01 -0.02	20.98 -1.12 -0.06	22.12 -1.16 -0.06	23.30 -1.39 0.15	23.18 -1.41 0.23	19.71 -1.29 0.51	16.85 -1.07 -0.06	13.86 -0.90 -0.07
FREEPORT_EQUS_GT1 23764	25.50 2.68 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.59 1.59 -4.81	22.41 1.74 -4.41	27.05 1.91 -7.58	28.30 2.19 -6.75	30.19 3.11 -2.37	31.22 3.18 -3.38	33.20 2.87 -6.82	35.39 2.87 -8.81	34.14 3.10 -6.40	32.50 2.80 -7.32	32.22 2.78 -7.02	32.99 2.55 -9.84	31.54 2.64 -7.47	34.24 2.78 -9.42	36.65 2.95 -10.49	35.57 3.28 -7.45	43.34 3.30 -15.22	33.89 2.75 -9.63	29.06 2.23 -8.96	25.11 1.67 -8.75
FREEPORT___CT2 23818	25.50 2.68 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.59 1.59 -4.81	22.41 1.74 -4.41	27.05 1.91 -7.58	28.30 2.19 -6.75	30.19 3.11 -2.37	31.22 3.18 -3.38	33.20 2.87 -6.82	35.39 2.87 -8.81	34.14 3.10 -6.40	32.50 2.80 -7.32	32.22 2.78 -7.02	32.99 2.55 -9.84	31.54 2.64 -7.47	34.24 2.78 -9.42	36.65 2.95 -10.49	35.57 3.28 -7.45	43.34 3.30 -15.22	33.89 2.75 -9.63	29.06 2.23 -8.96	25.11 1.67 -8.75
FRESHKLS_33_KV_LOAD 356253	25.05 2.22 -0.46	23.39 1.97 -1.53	21.87 1.43 -5.03	20.97 1.37 -4.59	21.40 1.38 -4.83	22.14 1.45 -4.43	26.68 1.51 -7.61	27.82 1.67 -6.79	29.56 2.45 -2.41	30.44 2.37 -3.42	31.61 2.21 -5.89	30.21 2.25 -4.25	29.73 2.51 -2.58	27.11 2.24 -2.49	25.94 2.22 -1.30	25.55 2.08 -2.87	26.37 2.10 -2.83	32.11 2.32 -7.74	33.91 2.46 -8.24	35.01 2.76 -7.41	37.02 2.78 -9.42	30.20 2.26 -6.44	26.82 1.73 -7.22	24.85 1.41 -8.76
FULTON COGEN____ 23766	22.18 -0.25 -0.05	19.79 -0.24 -0.14	15.69 -0.17 -0.44	15.27 -0.15 -0.40	15.46 -0.15 -0.42	16.49 -0.16 -0.39	18.07 -0.16 -0.67	19.80 -0.17 -0.60	24.66 -0.27 -0.22	24.69 -0.27 -0.31	23.75 -0.28 -0.53	23.81 -0.28 -0.38	24.60 -0.27 -0.24	22.33 -0.27 -0.22	22.25 -0.29 -0.12	20.60 -0.25 -0.25	21.43 -0.26 -0.25	22.49 -0.24 -0.68	23.69 -0.26 -0.73	25.25 -0.25 -0.66	25.39 -0.25 -0.82	21.90 -0.19 -0.59	18.35 -0.14 -0.63	15.37 -0.09 -0.77

FULTON___LFGE 323630	25.16 2.17 -0.61	23.95 1.93 -2.13	23.92 1.43 -7.07	22.85 1.38 -6.45	23.45 1.46 -6.80	24.07 1.58 -6.23	29.83 1.56 -10.71	30.57 1.67 -9.54	30.31 2.25 -3.35	31.76 2.32 -4.79	34.11 2.33 -8.27	31.91 2.25 -5.95	30.33 2.09 -3.60	27.85 1.99 -3.48	26.31 2.09 -1.81	26.42 1.79 -4.04	27.32 1.91 -3.97	34.98 2.03 -10.90	37.15 2.32 -11.62	37.92 2.63 -10.45	39.95 2.66 -12.46	32.80 2.24 -9.06	29.75 1.72 -10.17	28.53 1.50 -12.34
G.F.CEMENT___DRP 24184	24.44 1.50 -0.55	23.13 1.33 -1.91	22.73 1.02 -6.30	21.74 0.98 -5.74	22.26 1.02 -6.05	22.90 1.09 -5.55	28.36 1.26 -9.54	29.26 1.39 -8.50	29.71 2.00 -3.00	31.02 2.10 -4.27	32.88 2.00 -7.37	31.01 1.99 -5.31	29.85 2.00 -3.22	27.26 1.77 -3.11	25.86 1.82 -1.62	25.69 1.50 -3.59	26.60 1.63 -3.54	33.43 1.68 -9.71	35.39 1.83 -10.35	36.13 1.99 -9.31	37.81 1.96 -11.03	31.27 1.70 -8.07	28.24 1.32 -9.05	26.65 0.98 -10.98
GARDENVILLE___LBMP 24039	21.18 -0.76 0.44	19.08 -0.64 0.17	15.52 -0.59 -0.70	15.04 -0.69 -0.72	15.25 -0.70 -0.76	16.23 -0.72 -0.68	18.19 -0.40 -1.04	19.47 -0.52 -0.62	23.67 -0.79 0.25	23.84 -0.74 0.08	23.15 -0.73 -0.37	23.04 -0.76 -0.09	23.63 -0.79 0.21	21.64 -0.76 -0.02	21.61 -0.65 0.16	20.05 -0.95 -0.40	20.85 -0.99 -0.39	22.13 -0.99 -1.07	23.45 -0.91 -1.14	25.16 -0.70 -1.02	25.22 -0.72 -1.11	21.64 -0.75 -0.89	18.26 -0.86 -1.25	15.70 -0.50 -1.52
GARDNVLA_35_KV_LD 355827	21.30 -0.69 0.39	19.18 -0.58 0.13	15.55 -0.57 -0.71	15.08 -0.66 -0.72	15.27 -0.68 -0.77	16.25 -0.70 -0.69	18.27 -0.35 -1.06	19.60 -0.45 -0.67	23.80 -0.72 0.19	23.97 -0.67 0.01	23.28 -0.66 -0.43	23.17 -0.69 -0.15	23.76 -0.71 0.15	21.74 -0.69 -0.06	21.73 -0.56 0.13	20.08 -0.93 -0.41	20.88 -0.96 -0.40	22.17 -0.97 -1.09	23.49 -0.88 -1.16	25.23 -0.65 -1.04	25.31 -0.67 -1.16	21.70 -0.71 -0.91	18.29 -0.82 -1.25	15.73 -0.47 -1.51
GELCKHM___115KV_LOAD 80723	22.37 -0.07 -0.05	19.98 -0.08 -0.17	15.88 -0.06 -0.53	15.46 -0.05 -0.48	15.65 -0.05 -0.51	16.70 -0.03 -0.47	18.35 -0.02 -0.81	20.05 -0.04 -0.72	24.89 -0.07 -0.26	24.95 -0.07 -0.37	24.07 -0.07 -0.63	24.09 -0.07 -0.46	24.86 -0.05 -0.28	22.58 -0.07 -0.27	22.50 -0.07 -0.14	20.86 -0.04 -0.30	21.70 -0.04 -0.30	22.82 -0.04 -0.82	24.04 -0.05 -0.87	25.61 -0.02 -0.79	25.75 -0.05 -0.98	22.18 -0.02 -0.70	18.63 0.00 -0.76	15.64 0.03 -0.92
GENERAL___MILLS 23808	21.27 -0.72 0.39	19.18 -0.58 0.13	15.55 -0.57 -0.71	15.07 -0.68 -0.72	15.26 -0.70 -0.77	16.24 -0.72 -0.69	18.25 -0.37 -1.06	19.58 -0.46 -0.68	23.78 -0.74 0.19	23.95 -0.69 0.01	23.26 -0.68 -0.43	23.15 -0.71 -0.15	23.74 -0.74 0.15	21.72 -0.72 -0.06	21.71 -0.58 0.13	20.06 -0.95 -0.41	20.83 -1.01 -0.40	22.15 -0.99 -1.09	23.47 -0.91 -1.16	25.21 -0.67 -1.04	25.29 -0.70 -1.16	21.68 -0.73 -0.91	18.26 -0.86 -1.25	15.70 -0.50 -1.51
GE_PLASTICS___DRP 24183	23.78 0.87 -0.52	22.49 0.80 -1.80	21.96 0.60 -5.95	21.03 0.59 -5.43	21.50 0.59 -5.72	22.14 0.63 -5.24	27.27 0.70 -9.01	28.17 0.77 -8.03	28.65 1.11 -2.83	29.80 1.11 -4.04	31.53 1.06 -6.97	29.79 1.07 -5.02	28.78 1.11 -3.04	26.32 1.01 -2.94	24.96 1.01 -1.53	24.90 0.91 -3.40	25.72 0.94 -3.34	32.17 0.95 -9.17	34.01 1.02 -9.77	34.75 1.12 -8.79	36.41 1.09 -10.49	30.07 0.95 -7.63	27.16 0.75 -8.55	25.63 0.57 -10.37
GILBOA___1 23756	23.85 1.05 -0.41	22.28 0.93 -1.45	20.93 0.69 -4.82	20.07 0.66 -4.40	20.49 0.67 -4.63	21.22 0.71 -4.24	25.65 0.79 -7.30	26.74 0.87 -6.50	28.25 1.26 -2.28	29.17 1.26 -3.26	30.32 1.17 -5.63	28.95 1.18 -4.05	28.34 1.26 -2.45	25.89 1.14 -2.37	24.80 1.14 -1.23	24.38 1.03 -2.75	25.19 1.05 -2.70	30.58 1.10 -7.43	32.27 1.14 -7.91	33.22 1.27 -7.12	34.69 1.29 -8.57	28.77 1.10 -6.17	25.65 0.86 -6.93	23.77 0.68 -8.40
GILBOA___2 23757	23.85 1.05 -0.41	22.28 0.93 -1.45	20.93 0.69 -4.82	20.07 0.66 -4.40	20.49 0.67 -4.63	21.22 0.71 -4.24	25.65 0.79 -7.30	26.74 0.87 -6.50	28.25 1.26 -2.28	29.17 1.26 -3.26	30.32 1.17 -5.63	28.95 1.18 -4.05	28.34 1.26 -2.45	25.89 1.14 -2.37	24.80 1.14 -1.23	24.38 1.03 -2.75	25.19 1.05 -2.70	30.58 1.10 -7.43	32.27 1.14 -7.91	33.22 1.27 -7.12	34.69 1.29 -8.57	28.77 1.10 -6.17	25.65 0.86 -6.93	23.77 0.68 -8.40
GILBOA___3 23758	23.85 1.05 -0.41	22.28 0.93 -1.45	20.93 0.69 -4.82	20.07 0.66 -4.40	20.49 0.67 -4.63	21.22 0.71 -4.24	25.65 0.79 -7.30	26.74 0.87 -6.50	28.25 1.26 -2.28	29.17 1.26 -3.26	30.32 1.17 -5.63	28.95 1.18 -4.05	28.34 1.26 -2.45	25.89 1.14 -2.37	24.80 1.14 -1.23	24.38 1.03 -2.75	25.19 1.05 -2.70	30.58 1.10 -7.43	32.27 1.14 -7.91	33.22 1.27 -7.12	34.69 1.29 -8.57	28.77 1.10 -6.17	25.65 0.86 -6.93	23.77 0.68 -8.40
GILBOA___4 23759	23.85 1.05 -0.41	22.28 0.93 -1.45	20.93 0.69 -4.82	20.07 0.66 -4.40	20.49 0.67 -4.63	21.22 0.71 -4.24	25.65 0.79 -7.30	26.74 0.87 -6.50	28.25 1.26 -2.28	29.17 1.26 -3.26	30.32 1.17 -5.63	28.95 1.18 -4.05	28.34 1.26 -2.45	25.89 1.14 -2.37	24.80 1.14 -1.23	24.38 1.03 -2.75	25.19 1.05 -2.70	30.58 1.10 -7.43	32.27 1.14 -7.91	33.22 1.27 -7.12	34.69 1.29 -8.57	28.77 1.10 -6.17	25.65 0.86 -6.93	23.77 0.68 -8.40
GILBOA___ 23599	23.87 1.05 -0.43	22.29 0.93 -1.47	20.94 0.69 -4.83	20.08 0.66 -4.40	20.50 0.67 -4.64	21.23 0.72 -4.25	25.66 0.79 -7.31	26.76 0.87 -6.52	28.27 1.26 -2.31	29.20 1.26 -3.28	30.34 1.18 -5.66	28.97 1.19 -4.08	28.37 1.26 -2.48	25.91 1.14 -2.39	24.81 1.14 -1.24	24.38 1.03 -2.76	25.20 1.05 -2.71	30.59 1.10 -7.44	32.28 1.14 -7.93	33.24 1.27 -7.14	34.71 1.27 -8.62	28.81 1.12 -6.19	25.66 0.86 -6.93	23.78 0.68 -8.41
GINNA___ 23603	22.06 -0.38 -0.06	19.75 -0.34 -0.20	15.88 -0.18 -0.65	15.54 -0.07 -0.60	15.76 -0.06 -0.63	16.79 -0.05 -0.58	18.35 -0.19 -0.99	20.02 -0.23 -0.88	24.65 -0.37 -0.31	24.73 -0.37 -0.44	23.90 -0.38 -0.76	23.88 -0.38 -0.55	24.57 -0.40 -0.33	22.34 -0.36 -0.32	22.28 -0.31 -0.17	20.91 -0.06 -0.37	21.76 -0.04 -0.37	22.99 -0.07 -1.01	24.17 -0.12 -1.07	25.51 -0.30 -0.97	25.64 -0.35 -1.16	22.17 -0.17 -0.84	18.79 -0.02 -0.94	15.90 0.07 -1.14
GLEN PARK___ 23778	22.16 -0.25 -0.03	19.76 -0.22 -0.09	15.53 -0.20 -0.31	15.03 -0.27 -0.28	15.25 -0.24 -0.30	16.24 -0.29 -0.28	17.78 -0.25 -0.47	19.50 -0.29 -0.42	24.41 -0.44 -0.15	24.30 -0.57 -0.21	23.22 -0.66 -0.37	23.26 -0.71 -0.26	24.15 -0.64 -0.16	21.91 -0.63 -0.15	21.81 -0.70 -0.08	20.14 -0.64 -0.18	20.99 -0.62 -0.18	22.02 -0.51 -0.48	23.38 -0.35 -0.51	25.18 -0.22 -0.57	25.34 -0.20 -0.71	21.96 -0.24 -0.69	18.14 -0.18 -0.45	15.04 -0.19 -0.54
GLENDALE_27_KV_LOAD 356172	25.32 2.48 -0.46	23.61 2.19 -1.53	22.04 1.60 -5.03	21.14 1.53 -4.59	21.55 1.53 -4.83	22.31 1.63 -4.43	26.94 1.77 -7.61	28.15 2.00 -6.79	29.95 2.84 -2.41	30.84 2.76 -3.42	32.01 2.61 -5.89	30.59 2.63 -4.25	30.10 2.88 -2.58	27.44 2.57 -2.49	26.28 2.56 -1.30	25.84 2.37 -2.87	26.69 2.42 -2.83	32.37 2.58 -7.74	34.21 2.74 -8.25	35.32 3.06 -7.43	37.36 3.10 -9.43	30.50 2.56 -6.44	27.07 1.98 -7.22	25.03 1.59 -8.76

GLENWOOD_IC_1_G5 23712	25.32 2.48 -0.45	23.58 2.17 -1.53	21.99 1.56 -5.02	21.07 1.47 -4.58	21.51 1.50 -4.82	22.29 1.61 -4.42	26.92 1.76 -7.60	28.16 2.01 -6.78	29.97 2.87 -2.40	30.95 2.88 -3.41	33.05 2.70 -6.84	35.26 2.73 -8.83	33.98 2.93 -6.42	32.35 2.64 -7.33	32.08 2.62 -7.03	32.87 2.43 -9.84	31.40 2.49 -7.47	34.11 2.62 -9.44	36.51 2.79 -10.51	35.40 3.08 -7.48	43.24 3.13 -15.29	33.76 2.60 -9.66	28.86 2.04 -8.96	24.99 1.56 -8.75
GLENWOOD_IC_2_G1 23688	25.16 2.35 -0.43	23.47 2.07 -1.51	21.91 1.49 -5.00	20.99 1.41 -4.57	21.43 1.43 -4.81	22.21 1.55 -4.41	26.82 1.69 -7.58	28.03 1.92 -6.75	29.80 2.72 -2.37	30.75 2.71 -3.38	32.90 2.56 -6.82	35.08 2.56 -8.81	33.82 2.78 -6.40	32.21 2.51 -7.32	31.93 2.49 -7.02	32.72 2.29 -9.84	31.25 2.34 -7.47	33.96 2.49 -9.42	36.32 2.62 -10.49	35.22 2.93 -7.45	43.00 2.95 -15.22	33.59 2.45 -9.63	28.74 1.91 -8.96	24.92 1.48 -8.75
GLENWOOD_IC_3_G1 23689	25.16 2.35 -0.43	23.47 2.07 -1.51	21.91 1.49 -5.00	20.99 1.41 -4.57	21.43 1.43 -4.81	22.21 1.55 -4.41	26.82 1.69 -7.58	28.03 1.92 -6.75	29.80 2.72 -2.37	30.75 2.71 -3.38	32.90 2.56 -6.82	35.08 2.56 -8.81	33.82 2.78 -6.40	32.21 2.51 -7.32	31.93 2.49 -7.02	32.72 2.29 -9.84	31.25 2.34 -7.47	33.96 2.49 -9.42	36.32 2.62 -10.49	35.22 2.93 -7.45	43.00 2.95 -15.22	33.59 2.45 -9.63	28.74 1.91 -8.96	24.92 1.48 -8.75
GLENWOOD___4 23550	25.32 2.48 -0.45	23.58 2.17 -1.53	21.99 1.56 -5.02	21.07 1.47 -4.58	21.51 1.50 -4.82	22.29 1.61 -4.42	26.92 1.76 -7.60	28.16 2.01 -6.78	29.97 2.87 -2.40	30.95 2.88 -3.41	33.05 2.70 -6.84	35.26 2.73 -8.83	33.98 2.93 -6.42	32.35 2.64 -7.33	32.08 2.62 -7.03	32.87 2.43 -9.84	31.40 2.49 -7.47	34.11 2.62 -9.44	36.51 2.79 -10.51	35.40 3.08 -7.48	43.24 3.13 -15.29	33.76 2.60 -9.66	28.86 2.04 -8.96	24.99 1.56 -8.75
GLENWOOD___5 23614	25.32 2.48 -0.45	23.58 2.17 -1.53	21.99 1.56 -5.02	21.07 1.47 -4.58	21.51 1.50 -4.82	22.29 1.61 -4.42	26.92 1.76 -7.60	28.16 2.01 -6.78	29.97 2.87 -2.40	30.95 2.88 -3.41	33.05 2.70 -6.84	35.26 2.73 -8.83	33.98 2.93 -6.42	32.35 2.64 -7.33	32.08 2.62 -7.03	32.87 2.43 -9.84	31.40 2.49 -7.47	34.11 2.62 -9.44	36.51 2.79 -10.51	35.40 3.08 -7.48	43.24 3.13 -15.29	33.76 2.60 -9.66	28.86 2.04 -8.96	24.99 1.56 -8.75
GLOBAL GREEN_PORT_GT1 23814	25.90 3.09 -0.43	24.06 2.67 -1.51	22.33 1.91 -5.00	21.38 1.80 -4.57	21.93 1.93 -4.81	22.80 2.13 -4.41	27.51 2.37 -7.58	28.85 2.73 -6.75	30.83 3.75 -2.37	31.98 3.94 -3.38	33.81 3.48 -6.82	36.03 3.51 -8.81	34.70 3.67 -6.40	32.94 3.24 -7.32	32.74 3.30 -7.02	33.47 3.03 -9.84	32.06 3.15 -7.47	34.88 3.42 -9.42	37.37 3.67 -10.49	36.31 4.02 -7.45	44.09 4.05 -15.22	34.42 3.29 -9.63	29.51 2.68 -8.96	25.38 1.94 -8.75
GLOBE___DSASP 323697	16.71 -1.34 4.33	15.29 -1.15 3.44	14.03 -0.83 0.56	14.26 -0.92 -0.15	14.38 -1.00 -0.20	15.53 -0.81 -0.08	15.57 -0.91 1.08	14.78 -1.08 3.51	17.96 -1.53 5.21	18.09 -1.48 5.08	17.55 -1.43 4.52	17.48 -1.47 4.76	17.95 -1.53 5.16	17.89 -1.43 3.06	18.04 -1.32 3.06	19.15 -1.15 0.30	19.97 -1.18 0.29	19.91 -1.26 0.88	20.80 -1.35 1.06	22.20 -1.59 1.05	20.80 -1.59 2.44	19.30 -1.29 0.91	17.78 -1.29 -1.20	15.33 -0.82 -1.46
GOETHSLN___LBMP 323567	25.05 2.22 -0.45	23.38 1.97 -1.53	21.88 1.45 -5.02	20.96 1.37 -4.58	21.38 1.37 -4.82	22.14 1.46 -4.42	26.71 1.55 -7.60	27.89 1.74 -6.78	29.65 2.54 -2.40	30.53 2.47 -3.41	31.70 2.30 -5.88	30.27 2.32 -4.24	29.77 2.56 -2.57	27.14 2.28 -2.48	26.00 2.29 -1.29	25.58 2.12 -2.86	26.40 2.14 -2.82	32.08 2.29 -7.74	33.90 2.44 -8.24	34.97 2.71 -7.42	37.03 2.78 -9.42	30.26 2.32 -6.44	26.84 1.77 -7.21	24.85 1.41 -8.75
GOLAH___69_KV_TB 1_2 80279	21.84 -0.51 0.02	19.56 -0.46 -0.13	15.83 -0.22 -0.63	15.52 -0.09 -0.59	15.74 -0.08 -0.62	16.78 -0.05 -0.57	18.31 -0.21 -0.96	19.89 -0.29 -0.81	24.45 -0.47 -0.21	24.53 -0.47 -0.34	23.69 -0.49 -0.67	23.64 -0.52 -0.46	24.35 -0.52 -0.23	22.17 -0.47 -0.26	22.13 -0.40 -0.11	20.81 -0.14 -0.36	21.62 -0.17 -0.35	22.80 -0.22 -0.97	24.02 -0.23 -1.04	25.36 -0.42 -0.94	25.51 -0.45 -1.13	22.05 -0.28 -0.82	18.71 -0.11 -0.95	15.90 0.06 -1.16
GOODYEAR_LAKE_HYD 323669	23.74 1.19 -0.17	21.46 1.05 -0.52	17.81 0.76 -1.64	17.23 0.72 -1.49	17.49 0.73 -1.57	18.48 0.78 -1.44	20.99 0.95 -2.48	22.66 1.07 -2.23	27.00 1.48 -0.81	27.28 1.48 -1.14	26.89 1.43 -1.94	26.54 1.42 -1.41	27.00 1.50 -0.87	24.57 1.37 -0.83	24.25 1.39 -0.44	22.71 1.17 -0.94	23.58 1.22 -0.92	25.85 1.28 -2.53	27.28 1.37 -2.69	28.88 1.61 -2.43	29.41 1.61 -2.97	24.94 1.33 -2.11	21.21 1.00 -2.34	18.32 0.79 -2.84
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.21 0.60 -0.22	21.00 0.54 -0.58	17.47 0.32 -1.73	16.83 0.24 -1.57	17.09 0.24 -1.65	18.05 0.28 -1.52	20.68 0.49 -2.63	22.29 0.54 -2.38	26.30 0.69 -0.90	26.59 0.69 -1.25	26.25 0.66 -2.09	25.90 0.66 -1.53	26.28 0.69 -0.96	23.90 0.63 -0.90	23.56 0.65 -0.49	21.96 0.37 -0.99	22.80 0.39 -0.97	25.14 0.42 -2.67	26.60 0.53 -2.85	28.23 0.82 -2.57	28.81 0.82 -3.16	24.34 0.60 -2.23	20.66 0.34 -2.46	18.00 0.32 -2.98
GOUDEY___7 23579	23.21 0.60 -0.22	21.02 0.56 -0.58	17.49 0.34 -1.73	16.84 0.26 -1.57	17.10 0.26 -1.65	18.07 0.29 -1.52	20.70 0.51 -2.63	22.31 0.56 -2.38	26.32 0.72 -0.90	26.62 0.72 -1.25	26.28 0.68 -2.09	25.92 0.69 -1.53	26.33 0.74 -0.96	23.92 0.65 -0.90	23.58 0.67 -0.49	21.98 0.39 -0.99	22.82 0.41 -0.97	25.16 0.44 -2.67	26.62 0.56 -2.85	28.25 0.84 -2.57	28.83 0.84 -3.16	24.36 0.62 -2.23	20.68 0.36 -2.46	18.01 0.34 -2.98
GOUDEY___8 23580	23.21 0.60 -0.22	21.00 0.54 -0.58	17.47 0.32 -1.73	16.83 0.24 -1.57	17.09 0.24 -1.65	18.05 0.28 -1.52	20.68 0.49 -2.63	22.29 0.54 -2.38	26.30 0.69 -0.90	26.59 0.69 -1.25	26.25 0.66 -2.09	25.90 0.66 -1.53	26.28 0.69 -0.96	23.90 0.63 -0.90	23.56 0.65 -0.49	21.96 0.37 -0.99	22.80 0.39 -0.97	25.14 0.42 -2.67	26.60 0.53 -2.85	28.23 0.82 -2.57	28.81 0.82 -3.16	24.34 0.60 -2.23	20.66 0.34 -2.46	18.00 0.32 -2.98
GOWANUS_GT1_1 24077	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT1_2 24078	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76

GOWANUS_GT1_3 24079	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT1_4 24080	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT1_5 24084	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT1_6 24111	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT1_7 24112	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT1_8 24113	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_1 24114	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_2 24115	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_3 24116	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_4 24117	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_5 24118	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_6 24119	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_7 24120	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT2_8 24121	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_1 24122	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76

GOWANUS_GT3_2 24123	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_3 24124	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_4 24125	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_5 24126	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_6 24127	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_7 24128	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT3_8 24129	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_1 24130	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_2 24131	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_3 24132	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_4 24133	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_5 24134	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_6 24135	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_7 24136	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
GOWANUS_GT4_8 24137	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76

GREENBSH_115KV_TB3 55895	23.72 0.81 -0.53	22.42 0.72 -1.82	21.94 0.54 -5.99	21.04 0.56 -5.46	21.51 0.56 -5.75	22.12 0.59 -5.28	27.28 0.65 -9.07	28.17 0.72 -8.09	28.60 1.04 -2.85	29.76 1.04 -4.07	31.53 1.01 -7.01	29.80 1.04 -5.05	28.76 1.06 -3.07	26.28 0.94 -2.96	24.92 0.96 -1.54	24.86 0.84 -3.42	25.70 0.90 -3.36	32.19 0.90 -9.23	34.01 0.95 -9.84	34.74 1.04 -8.85	36.37 1.02 -10.53	30.06 0.88 -7.68	27.17 0.70 -8.61	25.66 0.53 -10.44
GREENDGE_115KV_TB5 80291	23.50 0.34 -0.78	21.08 0.30 -0.89	16.85 0.18 -1.25	16.20 0.15 -1.04	16.43 0.15 -1.09	17.47 0.20 -1.01	19.89 0.40 -1.93	21.91 0.43 -2.11	26.47 0.40 -1.37	26.68 0.44 -1.58	26.02 0.45 -2.06	25.86 0.43 -1.72	26.42 0.39 -1.40	23.81 0.38 -1.05	23.60 0.40 -0.78	21.53 0.23 -0.71	22.42 0.28 -0.70	24.31 0.33 -1.93	25.73 0.44 -2.07	27.39 0.67 -1.89	27.96 0.65 -2.49	23.64 0.49 -1.64	19.62 0.27 -1.48	16.81 0.32 -1.80
GREENIDGE___3 23582	23.50 0.34 -0.78	21.08 0.30 -0.89	16.85 0.18 -1.25	16.20 0.15 -1.04	16.43 0.15 -1.09	17.47 0.20 -1.01	19.89 0.40 -1.93	21.91 0.43 -2.11	26.47 0.40 -1.37	26.68 0.44 -1.58	26.02 0.45 -2.06	25.86 0.43 -1.72	26.42 0.39 -1.40	23.81 0.38 -1.05	23.60 0.40 -0.78	21.53 0.23 -0.71	22.42 0.28 -0.70	24.31 0.33 -1.93	25.73 0.44 -2.07	27.39 0.67 -1.89	27.96 0.65 -2.49	23.64 0.49 -1.64	19.62 0.27 -1.48	16.81 0.32 -1.80
GREENIDGE___4 23583	30.85 0.34 -8.13	27.25 0.30 -7.06	19.20 0.19 -3.60	17.25 0.15 -2.08	17.47 0.15 -2.13	18.59 0.20 -2.14	23.72 0.28 -5.88	29.69 0.43 -9.89	35.84 0.39 -10.74	36.13 0.44 -11.03	35.23 0.45 -11.28	35.00 0.43 -10.86	35.76 0.39 -10.73	29.62 0.38 -6.86	29.08 0.40 -6.25	22.87 0.25 -2.02	23.70 0.28 -1.99	27.98 0.33 -5.60	29.85 0.44 -6.19	31.22 0.64 -5.74	34.52 0.62 -9.08	26.96 0.47 -4.98	19.66 0.27 -1.52	16.86 0.32 -1.85
GREENLWN_69_KV_BK 3 55738	25.47 2.64 -0.45	23.70 2.29 -1.53	22.05 1.62 -5.02	21.13 1.53 -4.58	21.58 1.56 -4.82	22.37 1.69 -4.42	27.01 1.84 -7.60	28.32 2.17 -6.78	30.19 3.09 -2.40	31.22 3.16 -3.41	33.22 2.87 -6.84	35.43 2.89 -8.83	34.16 3.10 -6.42	32.51 2.80 -7.33	32.23 2.78 -7.03	32.99 2.55 -9.84	31.55 2.64 -7.47	34.29 2.80 -9.44	36.70 2.97 -10.51	35.59 3.28 -7.48	43.41 3.30 -15.29	33.91 2.75 -9.66	29.02 2.20 -8.96	25.08 1.65 -8.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.23 2.40 -0.46	23.55 2.13 -1.53	22.00 1.56 -5.03	21.08 1.47 -4.59	21.51 1.49 -4.83	22.25 1.56 -4.43	26.85 1.69 -7.61	28.05 1.90 -6.79	29.83 2.72 -2.41	30.71 2.64 -3.42	31.87 2.47 -5.89	30.47 2.51 -4.25	29.97 2.76 -2.58	27.33 2.46 -2.49	26.19 2.47 -1.30	25.73 2.27 -2.87	26.58 2.32 -2.83	32.31 2.51 -7.74	34.14 2.67 -8.25	35.22 2.96 -7.43	37.26 3.00 -9.43	30.40 2.45 -6.44	26.99 1.91 -7.22	24.97 1.53 -8.76
GRISSOM___SOLAR 323813	25.16 2.17 -0.61	23.95 1.93 -2.13	23.92 1.43 -7.07	22.85 1.38 -6.45	23.45 1.46 -6.80	24.07 1.58 -6.23	29.83 1.56 -10.71	30.57 1.67 -9.54	30.31 2.25 -3.35	31.76 2.32 -4.79	34.11 2.33 -8.27	31.91 2.25 -5.95	30.33 2.09 -3.60	27.85 1.99 -3.48	26.31 2.09 -1.81	26.42 1.79 -4.04	27.32 1.91 -3.97	34.98 2.03 -10.90	37.15 2.32 -11.62	37.92 2.63 -10.45	39.95 2.66 -12.46	32.80 2.24 -9.06	29.75 1.72 -10.17	28.53 1.50 -12.34
GROVEVILLE___HYD 323602	24.91 2.08 -0.45	23.25 1.83 -1.54	21.85 1.39 -5.05	20.93 1.31 -4.61	21.35 1.31 -4.85	22.11 1.40 -4.45	26.76 1.55 -7.65	27.92 1.72 -6.82	29.59 2.47 -2.41	30.58 2.49 -3.43	31.76 2.33 -5.92	30.25 2.28 -4.26	29.66 2.44 -2.59	27.11 2.24 -2.50	25.92 2.20 -1.30	25.50 2.02 -2.88	26.36 2.08 -2.84	32.00 2.16 -7.79	33.79 2.28 -8.30	34.89 2.58 -7.47	36.91 2.68 -9.40	30.22 2.24 -6.48	26.84 1.72 -7.26	24.86 1.37 -8.81
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.54 0.09 -0.06	20.15 0.08 -0.19	16.05 0.06 -0.58	15.62 0.08 -0.53	15.82 0.08 -0.55	16.85 0.08 -0.51	18.56 0.12 -0.88	20.28 0.12 -0.79	25.12 0.12 -0.29	25.19 0.12 -0.41	24.32 0.12 -0.69	24.33 0.12 -0.50	25.09 0.15 -0.31	22.78 0.11 -0.30	22.69 0.11 -0.16	21.03 0.10 -0.33	21.87 0.11 -0.32	23.07 0.13 -0.89	24.31 0.14 -0.95	25.88 0.17 -0.86	26.04 0.15 -1.06	22.42 0.15 -0.76	18.82 0.13 -0.83	15.82 0.13 -1.00
HAMLTNNY_34_KV_TB 80303	22.57 0.11 -0.07	20.17 0.08 -0.20	16.09 0.06 -0.61	15.66 0.09 -0.55	15.86 0.09 -0.58	16.91 0.11 -0.54	18.64 0.16 -0.93	20.40 0.19 -0.83	25.21 0.20 -0.31	25.31 0.22 -0.43	24.43 0.19 -0.73	24.43 0.19 -0.53	25.18 0.22 -0.33	22.87 0.18 -0.31	22.79 0.20 -0.17	21.13 0.19 -0.35	21.98 0.19 -0.34	23.21 0.22 -0.94	24.43 0.21 -1.00	26.00 0.25 -0.91	26.17 0.22 -1.12	22.52 0.22 -0.80	18.91 0.18 -0.87	15.89 0.15 -1.05
HAMPSHIRE___PAPER_HYD 323593	21.52 -0.87 -0.01	19.15 -0.78 -0.04	14.96 -0.59 -0.13	14.48 -0.66 -0.12	14.65 -0.67 -0.12	15.66 -0.72 -0.11	16.98 -0.77 -0.20	18.67 -0.87 -0.17	23.51 -1.26 -0.06	23.49 -1.26 -0.09	22.46 -1.20 -0.15	22.61 -1.21 -0.11	23.39 -1.31 -0.07	21.26 -1.19 -0.06	21.24 -1.21 -0.03	19.58 -1.09 -0.07	20.38 -1.14 -0.07	21.10 -1.15 -0.20	22.29 -1.14 -0.21	23.40 -1.24 0.20	23.27 -1.22 0.33	19.51 -1.10 0.89	17.16 -0.89 -0.19	14.18 -0.73 -0.23
HARDSCRABBLE_WT_PWR 323673	22.19 -0.20 -0.01	19.72 -0.20 -0.03	15.30 -0.20 -0.09	14.88 -0.22 -0.08	15.05 -0.23 -0.09	16.08 -0.26 -0.08	17.34 -0.35 -0.14	19.12 -0.37 -0.12	24.30 -0.44 -0.04	24.27 -0.44 -0.06	23.19 -0.42 -0.11	23.36 -0.43 -0.08	24.26 -0.42 -0.05	22.02 -0.40 -0.04	22.04 -0.40 -0.02	20.28 -0.37 -0.05	21.11 -0.39 -0.05	21.79 -0.40 -0.14	22.95 -0.42 -0.15	24.55 -0.42 -0.13	24.56 -0.42 -0.16	21.27 -0.34 -0.12	17.73 -0.27 -0.13	14.66 -0.19 -0.16
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.83 2.01 -0.44	23.14 1.77 -1.49	21.62 1.33 -4.88	20.72 1.25 -4.46	21.13 1.25 -4.69	21.90 1.33 -4.30	26.42 1.46 -7.40	27.58 1.61 -6.60	29.36 2.32 -2.33	30.27 2.29 -3.32	31.40 2.16 -5.73	29.97 2.13 -4.13	29.45 2.32 -2.51	26.90 2.10 -2.42	25.74 2.06 -1.26	25.30 1.92 -2.79	26.15 1.97 -2.74	31.61 2.03 -7.53	33.40 2.16 -8.03	34.55 2.48 -7.22	36.50 2.53 -9.14	29.87 2.11 -6.26	26.49 1.61 -7.02	24.51 1.31 -8.51
HARSNRAD_115KV_TB1 81005	21.19 -1.07 0.12	19.05 -0.91 -0.07	15.42 -0.66 -0.67	15.06 -0.62 -0.66	15.22 -0.67 -0.70	16.26 -0.63 -0.63	17.98 -0.63 -1.05	19.35 -0.85 -0.84	23.60 -1.24 -0.13	23.75 -1.18 -0.28	23.02 -1.15 -0.67	22.92 -1.21 -0.42	23.53 -1.26 -0.16	21.42 -1.19 -0.23	21.38 -1.10 -0.05	20.01 -0.97 -0.38	20.81 -1.01 -0.38	22.05 -1.04 -1.03	23.29 -1.07 -1.15	24.60 -1.27 -1.03	24.78 -1.27 -1.23	21.35 -1.05 -0.90	17.99 -0.98 -1.11	15.48 -0.56 -1.35
HARZA MOOSE___RIVER 24016	22.55 0.13 -0.03	20.08 0.12 -0.07	15.69 0.08 -0.19	15.15 -0.05 -0.17	15.33 -0.05 -0.18	16.38 -0.05 -0.17	17.83 -0.02 -0.29	19.56 -0.08 -0.27	24.72 -0.10 -0.11	24.66 -0.15 -0.15	23.59 -0.16 -0.24	23.70 -0.19 -0.18	24.60 -0.15 -0.12	22.28 -0.20 -0.11	22.26 -0.22 -0.06	20.48 -0.23 -0.11	21.33 -0.21 -0.11	22.19 -0.15 -0.30	23.44 -0.09 -0.32	25.17 -0.02 -0.36	25.26 -0.02 -0.46	21.88 -0.06 -0.44	18.08 -0.05 -0.27	14.99 -0.03 -0.33

HDSNBRDG_115KV_BRDG_TB1 355580	22.44 -0.02 -0.08	20.04 -0.04 -0.19	15.94 -0.03 -0.55	15.50 -0.02 -0.50	15.70 -0.02 -0.52	16.74 0.00 -0.48	18.41 0.02 -0.84	20.14 0.00 -0.77	24.96 -0.05 -0.30	25.04 -0.02 -0.41	24.16 -0.02 -0.68	24.19 -0.02 -0.50	24.95 0.00 -0.32	22.65 -0.02 -0.29	22.59 0.00 -0.16	20.91 0.00 -0.32	21.75 0.00 -0.31	22.90 0.00 -0.85	24.12 0.00 -0.91	25.69 0.02 -0.83	25.87 0.02 -1.02	22.25 0.02 -0.73	18.68 0.04 -0.78	15.68 0.04 -0.94
HELLGATE_13_KV_LD 55870	25.26 2.42 -0.46	23.57 2.15 -1.53	22.01 1.57 -5.03	21.11 1.50 -4.59	21.52 1.50 -4.83	22.28 1.59 -4.43	26.89 1.72 -7.61	28.09 1.94 -6.79	29.88 2.77 -2.41	30.79 2.71 -3.42	31.94 2.54 -5.89	30.52 2.56 -4.25	30.00 2.78 -2.58	27.37 2.51 -2.49	26.21 2.49 -1.30	25.78 2.31 -2.87	26.60 2.34 -2.83	32.31 2.51 -7.74	34.11 2.65 -8.25	35.22 2.96 -7.43	37.26 3.00 -9.43	30.44 2.49 -6.44	27.01 1.93 -7.22	24.99 1.54 -8.76
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.26 2.42 -0.46	23.57 2.15 -1.53	22.01 1.57 -5.03	21.11 1.50 -4.59	21.52 1.50 -4.83	22.28 1.59 -4.43	26.89 1.72 -7.61	28.09 1.94 -6.79	29.88 2.77 -2.41	30.79 2.71 -3.42	31.94 2.54 -5.89	30.52 2.56 -4.25	30.00 2.78 -2.58	27.37 2.51 -2.49	26.21 2.49 -1.30	25.78 2.31 -2.87	26.60 2.34 -2.83	32.31 2.51 -7.74	34.11 2.65 -8.25	35.22 2.96 -7.43	37.26 3.00 -9.43	30.44 2.49 -6.44	27.01 1.93 -7.22	24.99 1.54 -8.76
HEMPSTEAD____ 23647	25.30 2.48 -0.43	23.57 2.17 -1.51	21.96 1.54 -5.00	21.04 1.46 -4.57	21.49 1.49 -4.81	22.28 1.61 -4.41	26.93 1.79 -7.58	28.15 2.03 -6.75	29.99 2.91 -2.37	31.00 2.96 -3.38	33.04 2.70 -6.82	35.22 2.70 -8.81	33.94 2.91 -6.40	32.34 2.64 -7.32	32.06 2.62 -7.02	32.85 2.41 -9.84	31.39 2.49 -7.47	34.09 2.62 -9.42	36.49 2.78 -10.49	35.37 3.08 -7.45	43.15 3.10 -15.22	33.71 2.58 -9.63	28.90 2.07 -8.96	25.00 1.56 -8.75
HEWLETT__69_KV_BK3 55828	25.56 2.73 -0.45	23.80 2.39 -1.53	22.13 1.70 -5.02	21.20 1.61 -4.58	21.65 1.64 -4.82	22.44 1.76 -4.42	27.09 1.93 -7.60	28.34 2.19 -6.78	30.19 3.09 -2.40	31.20 3.13 -3.41	33.24 2.89 -6.84	35.45 2.92 -8.83	34.21 3.15 -6.42	32.55 2.84 -7.33	32.28 2.83 -7.03	33.03 2.60 -9.84	31.59 2.68 -7.47	34.29 2.80 -9.44	36.70 2.97 -10.51	35.62 3.30 -7.48	43.44 3.33 -15.29	33.95 2.80 -9.66	29.06 2.23 -8.96	25.15 1.72 -8.75
HICKLING___1 23621	23.41 0.60 -0.43	21.09 0.54 -0.67	17.13 0.28 -1.44	16.42 0.14 -1.27	16.66 0.14 -1.33	17.65 0.16 -1.23	20.30 0.54 -2.20	22.18 0.68 -2.13	26.50 0.77 -1.03	26.78 0.81 -1.31	26.22 0.75 -1.96	25.98 0.76 -1.51	26.52 0.81 -1.08	24.00 0.72 -0.91	23.76 0.76 -0.57	21.72 0.31 -0.82	22.57 0.32 -0.81	24.64 0.37 -2.22	26.15 0.56 -2.37	28.05 1.07 -2.15	28.55 1.02 -2.71	24.08 0.71 -1.87	20.10 0.30 -1.93	17.33 0.31 -2.34
HICKLING___2 23622	23.41 0.60 -0.43	21.09 0.54 -0.67	17.13 0.28 -1.44	16.42 0.14 -1.27	16.66 0.14 -1.33	17.65 0.16 -1.23	20.30 0.54 -2.20	22.18 0.68 -2.13	26.50 0.77 -1.03	26.78 0.81 -1.31	26.22 0.75 -1.96	25.98 0.76 -1.51	26.52 0.81 -1.08	24.00 0.72 -0.91	23.76 0.76 -0.57	21.72 0.31 -0.82	22.57 0.32 -0.81	24.64 0.37 -2.22	26.15 0.56 -2.37	28.05 1.07 -2.15	28.55 1.02 -2.71	24.08 0.71 -1.87	20.10 0.30 -1.93	17.33 0.31 -2.34
HIGH FALLS___HY 23754	25.05 2.22 -0.45	23.36 1.95 -1.53	21.90 1.46 -5.02	20.98 1.38 -4.58	21.38 1.37 -4.82	22.15 1.46 -4.42	26.78 1.62 -7.61	27.86 1.70 -6.78	29.58 2.47 -2.40	30.51 2.44 -3.41	31.63 2.23 -5.89	30.18 2.23 -4.24	29.65 2.44 -2.58	27.08 2.22 -2.48	25.87 2.15 -1.29	25.48 2.02 -2.87	26.34 2.08 -2.82	31.95 2.16 -7.74	33.74 2.28 -8.25	34.92 2.66 -7.42	36.84 2.78 -9.23	30.24 2.30 -6.44	26.81 1.73 -7.21	24.93 1.48 -8.75
HILLBURN___GT 23639	24.86 2.06 -0.42	23.19 1.83 -1.47	21.64 1.34 -4.89	20.75 1.28 -4.46	21.18 1.29 -4.70	21.93 1.37 -4.31	26.38 1.42 -7.40	27.57 1.61 -6.59	29.34 2.32 -2.32	30.25 2.29 -3.31	31.39 2.16 -5.72	29.98 2.16 -4.11	29.47 2.34 -2.49	26.89 2.10 -2.41	25.76 2.09 -1.25	25.32 1.94 -2.79	26.16 1.97 -2.75	31.65 2.07 -7.53	33.45 2.21 -8.03	34.57 2.51 -7.22	36.50 2.56 -9.12	29.87 2.11 -6.26	26.52 1.63 -7.03	24.55 1.32 -8.53
HILLSIDE_115KV_TB1 80332	23.14 0.38 -0.38	20.86 0.34 -0.63	17.00 0.12 -1.46	16.28 -0.03 -1.29	16.52 -0.03 -1.36	17.50 -0.02 -1.25	20.13 0.35 -2.22	21.91 0.41 -2.13	26.16 0.47 -0.98	26.41 0.49 -1.26	25.89 0.45 -1.93	25.64 0.45 -1.48	26.13 0.47 -1.03	23.69 0.43 -0.88	23.44 0.47 -0.54	21.43 0.00 -0.83	22.28 0.02 -0.82	24.34 0.04 -2.25	25.83 0.21 -2.41	27.71 0.70 -2.17	28.22 0.67 -2.73	23.80 0.41 -1.89	19.88 0.04 -1.98	17.19 0.10 -2.40
HISHELDN_WT_PWR 323625	6.57 -0.85 14.97	6.81 -0.74 12.34	10.96 -0.65 3.80	13.09 -0.72 1.20	13.31 -0.73 1.15	14.11 -0.75 1.41	10.40 -0.62 6.55	4.28 -0.54 14.55	5.19 -0.79 18.72	5.25 -0.74 18.67	5.09 -0.75 17.67	5.07 -0.78 17.86	5.19 -0.84 18.60	10.22 -0.76 11.40	10.84 -0.63 10.95	17.65 -0.85 2.10	18.51 -0.86 2.07	15.26 -0.84 5.95	15.70 -0.77 6.75	17.83 -0.62 6.39	12.51 -0.62 11.70	15.33 -0.62 5.55	18.52 -0.73 -1.39	15.95 -0.43 -1.69
HOLTSVILLE_IC_1 23690	25.43 2.62 -0.43	23.64 2.25 -1.51	22.03 1.62 -5.00	21.10 1.52 -4.57	21.59 1.59 -4.81	22.43 1.76 -4.41	27.09 1.95 -7.58	28.36 2.25 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.13 2.80 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.34 2.64 -7.32	32.13 2.69 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.27 3.23 -15.22	33.82 2.69 -9.63	29.02 2.20 -8.96	25.03 1.59 -8.75
HOLTSVILLE_IC_10 23699	25.52 2.71 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.17 2.04 -7.58	28.46 2.34 -6.75	30.27 3.19 -2.37	31.35 3.30 -3.38	33.27 2.94 -6.82	35.46 2.94 -8.81	34.14 3.10 -6.40	32.47 2.77 -7.32	32.27 2.83 -7.02	33.03 2.60 -9.84	31.57 2.66 -7.47	34.33 2.87 -9.42	36.77 3.06 -10.49	35.64 3.35 -7.45	43.44 3.40 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.07 1.63 -8.75
HOLTSVILLE_IC_2 23691	25.43 2.62 -0.43	23.64 2.25 -1.51	22.03 1.62 -5.00	21.10 1.52 -4.57	21.59 1.59 -4.81	22.43 1.76 -4.41	27.09 1.95 -7.58	28.36 2.25 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.13 2.80 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.34 2.64 -7.32	32.13 2.69 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.27 3.23 -15.22	33.82 2.69 -9.63	29.02 2.20 -8.96	25.03 1.59 -8.75
HOLTSVILLE_IC_3 23692	25.43 2.62 -0.43	23.64 2.25 -1.51	22.03 1.62 -5.00	21.10 1.52 -4.57	21.59 1.59 -4.81	22.43 1.76 -4.41	27.09 1.95 -7.58	28.36 2.25 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.13 2.80 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.34 2.64 -7.32	32.13 2.69 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.27 3.23 -15.22	33.82 2.69 -9.63	29.02 2.20 -8.96	25.03 1.59 -8.75

HOLTSVILLE_IC_4 23693	25.43 2.62 -0.43	23.64 2.25 -1.51	22.03 1.62 -5.00	21.10 1.52 -4.57	21.59 1.59 -4.81	22.43 1.76 -4.41	27.09 1.95 -7.58	28.36 2.25 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.13 2.80 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.34 2.64 -7.32	32.13 2.69 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.27 3.23 -15.22	33.82 2.69 -9.63	29.02 2.20 -8.96	25.03 1.59 -8.75
HOLTSVILLE_IC_5 23694	25.43 2.62 -0.43	23.64 2.25 -1.51	22.03 1.62 -5.00	21.10 1.52 -4.57	21.59 1.59 -4.81	22.43 1.76 -4.41	27.09 1.95 -7.58	28.36 2.25 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.13 2.80 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.34 2.64 -7.32	32.13 2.69 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.27 3.23 -15.22	33.82 2.69 -9.63	29.02 2.20 -8.96	25.03 1.59 -8.75
HOLTSVILLE_IC_6 23695	25.52 2.71 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.17 2.04 -7.58	28.46 2.34 -6.75	30.27 3.19 -2.37	31.35 3.30 -3.38	33.27 2.94 -6.82	35.46 2.94 -8.81	34.14 3.10 -6.40	32.47 2.77 -7.32	32.27 2.83 -7.02	33.03 2.60 -9.84	31.57 2.66 -7.47	34.33 2.87 -9.42	36.77 3.06 -10.49	35.64 3.35 -7.45	43.44 3.40 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.07 1.63 -8.75
HOLTSVILLE_IC_7 23696	25.52 2.71 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.17 2.04 -7.58	28.46 2.34 -6.75	30.27 3.19 -2.37	31.35 3.30 -3.38	33.27 2.94 -6.82	35.46 2.94 -8.81	34.14 3.10 -6.40	32.47 2.77 -7.32	32.27 2.83 -7.02	33.03 2.60 -9.84	31.57 2.66 -7.47	34.33 2.87 -9.42	36.77 3.06 -10.49	35.64 3.35 -7.45	43.44 3.40 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.07 1.63 -8.75
HOLTSVILLE_IC_8 23697	25.52 2.71 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.17 2.04 -7.58	28.46 2.34 -6.75	30.27 3.19 -2.37	31.35 3.30 -3.38	33.27 2.94 -6.82	35.46 2.94 -8.81	34.14 3.10 -6.40	32.47 2.77 -7.32	32.27 2.83 -7.02	33.03 2.60 -9.84	31.57 2.66 -7.47	34.33 2.87 -9.42	36.77 3.06 -10.49	35.64 3.35 -7.45	43.44 3.40 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.07 1.63 -8.75
HOLTSVILLE_IC_9 23698	25.52 2.71 -0.43	23.72 2.33 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.17 2.04 -7.58	28.46 2.34 -6.75	30.27 3.19 -2.37	31.35 3.30 -3.38	33.27 2.94 -6.82	35.46 2.94 -8.81	34.14 3.10 -6.40	32.47 2.77 -7.32	32.27 2.83 -7.02	33.03 2.60 -9.84	31.57 2.66 -7.47	34.33 2.87 -9.42	36.77 3.06 -10.49	35.64 3.35 -7.45	43.44 3.40 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.07 1.63 -8.75
HOMER_HL_115KV_TB2 355744	22.85 0.38 -0.08	20.58 0.38 -0.32	16.27 -0.22 -1.08	15.24 -0.77 -0.99	15.45 -0.77 -1.04	16.38 -0.83 -0.95	19.60 0.40 -1.64	21.32 0.50 -1.45	25.70 0.49 -0.50	25.92 0.54 -0.72	25.26 0.49 -1.25	25.08 0.47 -0.90	25.66 0.49 -0.54	23.35 0.45 -0.52	23.23 0.54 -0.27	20.24 -0.97 -0.61	20.99 -1.05 -0.60	22.76 -0.95 -1.66	24.48 -0.51 -1.77	27.18 0.75 -1.60	27.50 0.72 -1.96	22.96 0.06 -1.40	18.55 -0.88 -1.56	16.01 -0.57 -1.89
HOWARD_WT_PWR 323690	39.30 -0.18 -17.09	34.35 -0.14 -14.60	21.71 -0.22 -6.51	18.07 -0.33 -3.38	18.29 -0.33 -3.43	19.48 -0.33 -3.54	28.26 -0.05 -10.75	38.93 0.14 -19.42	47.00 0.10 -22.19	47.39 0.15 -22.58	46.17 0.12 -22.55	45.87 0.12 -22.04	46.92 0.15 -22.14	36.47 0.14 -13.96	35.63 0.27 -12.94	24.09 -0.14 -3.64	24.89 -0.13 -3.58	32.16 -0.02 -10.13	34.65 0.16 -11.27	35.90 0.57 -10.49	42.59 0.57 -17.19	30.95 0.34 -9.11	19.47 -0.02 -1.62	16.76 0.10 -1.97
HQ_GEN_CEDARS 23644	22.10 -0.29 0.00	19.64 -0.26 -0.01	15.27 -0.18 -0.04	14.83 -0.23 -0.03	15.00 -0.23 -0.04	16.05 -0.24 -0.03	17.33 -0.28 -0.06	19.07 -0.35 -0.05	24.06 -0.67 -0.02	24.06 -0.62 -0.02	23.06 -0.49 -0.04	23.24 -0.50 -0.03	24.06 -0.59 -0.02	21.90 -0.49 -0.02	21.94 -0.49 -0.01	20.16 -0.45 -0.02	20.97 -0.49 -0.02	21.58 -0.53 -0.06	22.76 -0.51 -0.06	24.08 -0.62 0.14	24.01 -0.60 0.22	20.48 -0.54 0.48	17.49 -0.43 -0.05	14.43 -0.32 -0.06
HQ_GEN_CEDARS_PROXY 323590	22.09 -0.29 0.00	19.61 -0.28 0.00	15.23 -0.18 0.00	14.79 -0.22 0.00	14.96 -0.23 0.00	16.02 -0.24 0.00	17.26 -0.30 0.00	19.02 -0.35 0.00	24.04 -0.67 0.00	24.04 -0.62 0.00	23.01 -0.49 0.00	23.21 -0.50 0.00	24.04 -0.59 0.00	21.89 -0.49 0.00	21.93 -0.49 0.00	20.14 -0.45 0.00	20.95 -0.49 0.00	21.52 -0.53 0.00	22.70 -0.51 0.00	24.04 -0.62 0.18	23.97 -0.60 0.26	20.48 -0.54 0.48	17.44 -0.43 0.00	14.36 -0.32 0.00
HQ_GEN_IMPORT 323601	22.07 -0.31 0.00	19.61 -0.28 0.00	15.21 -0.20 0.00	14.82 -0.20 0.00	14.99 -0.20 0.00	16.03 -0.23 0.00	17.29 -0.26 0.00	19.08 -0.29 0.00	24.29 -0.42 0.00	24.26 -0.40 0.00	23.13 -0.38 0.00	23.33 -0.38 0.00	24.21 -0.42 0.00	22.00 -0.38 0.00	22.04 -0.38 0.00	20.25 -0.35 0.00	21.08 -0.36 0.00	21.65 -0.40 0.00	22.82 -0.39 0.00	24.34 -0.47 0.03	24.34 -0.45 0.04	21.05 -0.39 0.07	17.54 -0.32 0.00	14.44 -0.25 0.00
HQ_GEN_WHEEL 23651	22.07 -0.31 0.00	19.61 -0.28 0.00	15.21 -0.20 0.00	14.82 -0.20 0.00	14.99 -0.20 0.00	16.03 -0.23 0.00	17.29 -0.26 0.00	19.08 -0.29 0.00	24.29 -0.42 0.00	24.26 -0.40 0.00	23.13 -0.38 0.00	23.33 -0.38 0.00	24.21 -0.42 0.00	22.00 -0.38 0.00	22.04 -0.38 0.00	20.25 -0.35 0.00	21.08 -0.36 0.00	21.65 -0.40 0.00	22.82 -0.39 0.00	24.34 -0.47 0.03	24.34 -0.45 0.04	21.05 -0.39 0.07	17.54 -0.32 0.00	14.44 -0.25 0.00
HUDSON_AVE_GT_3 23810	25.12 2.31 -0.43	23.45 2.05 -1.51	21.91 1.49 -5.00	21.01 1.43 -4.56	21.43 1.43 -4.81	22.18 1.51 -4.41	26.79 1.65 -7.58	27.97 1.86 -6.75	29.75 2.67 -2.37	30.63 2.59 -3.38	31.80 2.42 -5.86	30.39 2.47 -4.22	29.87 2.69 -2.56	27.27 2.42 -2.47	26.10 2.40 -1.28	25.68 2.23 -2.86	26.51 2.25 -2.82	32.19 2.43 -7.71	33.99 2.55 -8.22	35.06 2.83 -7.39	37.08 2.90 -9.36	30.28 2.37 -6.41	26.93 1.86 -7.21	24.91 1.47 -8.75
HUDSON_AVE_GT_4 23540	25.12 2.31 -0.43	23.45 2.05 -1.51	21.91 1.49 -5.00	21.01 1.43 -4.56	21.43 1.43 -4.81	22.18 1.51 -4.41	26.79 1.65 -7.58	27.97 1.86 -6.75	29.75 2.67 -2.37	30.63 2.59 -3.38	31.80 2.42 -5.86	30.39 2.47 -4.22	29.87 2.69 -2.56	27.27 2.42 -2.47	26.10 2.40 -1.28	25.68 2.23 -2.86	26.51 2.25 -2.82	32.19 2.43 -7.71	33.99 2.55 -8.22	35.06 2.83 -7.39	37.08 2.90 -9.36	30.28 2.37 -6.41	26.93 1.86 -7.21	24.91 1.47 -8.75
HUDSON_AVE_GT_5 23657	25.12 2.31 -0.43	23.45 2.05 -1.51	21.91 1.49 -5.00	21.01 1.43 -4.56	21.43 1.43 -4.81	22.18 1.51 -4.41	26.79 1.65 -7.58	27.97 1.86 -6.75	29.75 2.67 -2.37	30.63 2.59 -3.38	31.80 2.42 -5.86	30.39 2.47 -4.22	29.87 2.69 -2.56	27.27 2.42 -2.47	26.10 2.40 -1.28	25.68 2.23 -2.86	26.51 2.25 -2.82	32.19 2.43 -7.71	33.99 2.55 -8.22	35.06 2.83 -7.39	37.08 2.90 -9.36	30.28 2.37 -6.41	26.93 1.86 -7.21	24.91 1.47 -8.75

HUDSON_AVE_10 24168	25.09 2.26 -0.45	23.42 2.01 -1.53	21.90 1.46 -5.02	20.98 1.38 -4.58	21.41 1.40 -4.82	22.16 1.48 -4.42	26.76 1.60 -7.60	27.97 1.82 -6.78	29.75 2.64 -2.40	30.61 2.54 -3.41	31.74 2.35 -5.88	30.32 2.37 -4.24	29.84 2.64 -2.57	27.21 2.35 -2.48	26.05 2.33 -1.29	25.62 2.16 -2.86	26.47 2.21 -2.82	32.14 2.36 -7.74	33.94 2.48 -8.24	35.02 2.76 -7.42	37.05 2.81 -9.42	30.28 2.34 -6.44	26.90 1.82 -7.21	24.88 1.44 -8.75
HUDSON___115KV_TB 4 355613	23.88 0.98 -0.52	22.54 0.88 -1.77	21.93 0.66 -5.85	21.01 0.66 -5.34	21.48 0.67 -5.62	22.13 0.72 -5.15	27.24 0.83 -8.86	28.19 0.93 -7.90	28.80 1.31 -2.79	29.98 1.36 -3.97	31.63 1.27 -6.85	29.92 1.28 -4.93	28.93 1.31 -2.99	26.43 1.16 -2.89	25.09 1.17 -1.50	24.92 0.99 -3.34	25.80 1.07 -3.28	32.14 1.08 -9.02	33.98 1.16 -9.61	34.80 1.32 -8.65	36.52 1.34 -10.35	30.14 1.14 -7.50	27.16 0.89 -8.40	25.55 0.66 -10.20
HUNTER MOUNT___DRP 323613	23.72 0.83 -0.50	22.36 0.74 -1.73	21.70 0.57 -5.72	20.80 0.57 -5.21	21.26 0.58 -5.49	21.93 0.63 -5.03	26.97 0.75 -8.66	27.96 0.87 -7.72	28.67 1.24 -2.72	29.84 1.31 -3.88	31.43 1.22 -6.70	29.72 1.19 -4.82	28.72 1.16 -2.93	26.25 1.05 -2.82	24.97 1.08 -1.47	24.74 0.89 -3.26	25.63 0.99 -3.21	31.81 0.95 -8.81	33.63 1.02 -9.39	34.46 1.17 -8.45	36.23 1.24 -10.17	29.90 1.08 -7.33	26.90 0.82 -8.21	25.24 0.59 -9.97
HUNTINGTON_RES_REC 323705	25.52 2.71 -0.43	23.72 2.33 -1.51	22.08 1.67 -5.00	21.15 1.56 -4.57	21.62 1.63 -4.81	22.44 1.77 -4.41	27.14 2.00 -7.58	28.42 2.30 -6.75	30.29 3.21 -2.37	31.37 3.33 -3.38	33.32 2.99 -6.82	35.53 3.01 -8.81	34.23 3.20 -6.40	32.59 2.89 -7.32	32.33 2.89 -7.02	33.07 2.64 -9.84	31.65 2.74 -7.47	34.38 2.91 -9.42	36.81 3.11 -10.49	35.69 3.40 -7.45	43.49 3.45 -15.22	33.99 2.86 -9.63	29.13 2.31 -8.96	25.11 1.67 -8.75
HUNTLEY___63 23557	21.21 -0.90 0.27	19.09 -0.76 0.04	15.53 -0.57 -0.69	15.07 -0.63 -0.69	15.23 -0.68 -0.73	16.35 -0.57 -0.66	18.11 -0.49 -1.04	19.44 -0.66 -0.73	23.64 -1.01 0.05	23.80 -0.96 -0.11	23.09 -0.94 -0.52	22.99 -0.97 -0.26	23.60 -1.01 0.02	21.54 -0.96 -0.13	21.52 -0.85 0.05	20.13 -0.87 -0.39	20.93 -0.87 -0.39	22.16 -0.95 -1.06	23.40 -0.95 -1.14	24.87 -0.99 -1.02	24.95 -1.04 -1.17	21.49 -0.90 -0.89	18.09 -0.95 -1.17	15.58 -0.53 -1.42
HUNTLEY___64 23558	21.21 -0.90 0.27	19.09 -0.76 0.04	15.53 -0.57 -0.69	15.07 -0.63 -0.69	15.23 -0.68 -0.73	16.35 -0.57 -0.66	18.11 -0.49 -1.04	19.44 -0.66 -0.73	23.64 -1.01 0.05	23.80 -0.96 -0.11	23.09 -0.94 -0.52	22.99 -0.97 -0.26	23.60 -1.01 0.02	21.54 -0.96 -0.13	21.52 -0.85 0.05	20.13 -0.87 -0.39	20.93 -0.87 -0.39	22.16 -0.95 -1.06	23.40 -0.95 -1.14	24.87 -0.99 -1.02	24.95 -1.04 -1.17	21.49 -0.90 -0.89	18.09 -0.95 -1.17	15.58 -0.53 -1.42
HUNTLEY___65 23559	21.21 -0.90 0.27	19.09 -0.76 0.04	15.53 -0.57 -0.69	15.07 -0.63 -0.69	15.23 -0.68 -0.73	16.35 -0.57 -0.66	18.11 -0.49 -1.04	19.44 -0.66 -0.73	23.64 -1.01 0.05	23.80 -0.96 -0.11	23.09 -0.94 -0.52	22.99 -0.97 -0.26	23.60 -1.01 0.02	21.54 -0.96 -0.13	21.52 -0.85 0.05	20.13 -0.87 -0.39	20.93 -0.87 -0.39	22.16 -0.95 -1.06	23.40 -0.95 -1.14	24.87 -0.99 -1.02	24.95 -1.04 -1.17	21.49 -0.90 -0.89	18.09 -0.95 -1.17	15.58 -0.53 -1.42
HUNTLEY___66 23560	21.21 -0.90 0.27	19.09 -0.76 0.04	15.53 -0.57 -0.69	15.07 -0.63 -0.69	15.23 -0.68 -0.73	16.35 -0.57 -0.66	18.11 -0.49 -1.04	19.44 -0.66 -0.73	23.64 -1.01 0.05	23.80 -0.96 -0.11	23.09 -0.94 -0.52	22.99 -0.97 -0.26	23.60 -1.01 0.02	21.54 -0.96 -0.13	21.52 -0.85 0.05	20.13 -0.87 -0.39	20.93 -0.87 -0.39	22.16 -0.95 -1.06	23.40 -0.95 -1.14	24.87 -0.99 -1.02	24.95 -1.04 -1.17	21.49 -0.90 -0.89	18.09 -0.95 -1.17	15.58 -0.53 -1.42
HUNTLEY___67 23561	20.96 -1.03 0.39	18.88 -0.88 0.13	15.41 -0.69 -0.69	15.02 -0.71 -0.71	15.21 -0.73 -0.75	16.20 -0.73 -0.67	17.98 -0.61 -1.03	19.23 -0.79 -0.65	23.38 -1.14 0.19	23.52 -1.11 0.02	22.86 -1.06 -0.41	22.73 -1.11 -0.14	23.34 -1.13 0.16	21.35 -1.07 -0.05	21.31 -0.99 0.13	19.96 -1.03 -0.40	20.76 -1.07 -0.39	22.01 -1.10 -1.07	23.23 -1.11 -1.13	24.73 -1.12 -1.01	24.81 -1.14 -1.12	21.38 -1.01 -0.89	18.15 -0.93 -1.22	15.62 -0.54 -1.48
HUNTLEY___68 23562	20.96 -1.03 0.39	18.88 -0.88 0.13	15.41 -0.69 -0.69	15.02 -0.71 -0.71	15.21 -0.73 -0.75	16.20 -0.73 -0.67	17.98 -0.61 -1.03	19.23 -0.79 -0.65	23.38 -1.14 0.19	23.52 -1.11 0.02	22.86 -1.06 -0.41	22.73 -1.11 -0.14	23.34 -1.13 0.16	21.35 -1.07 -0.05	21.31 -0.99 0.13	19.96 -1.03 -0.40	20.76 -1.07 -0.39	22.01 -1.10 -1.07	23.23 -1.11 -1.13	24.73 -1.12 -1.01	24.81 -1.14 -1.12	21.38 -1.01 -0.89	18.15 -0.93 -1.22	15.62 -0.54 -1.48
HYLAND___LFGE 323620	41.03 -0.34 -18.99	35.74 -0.30 -16.15	22.11 -0.23 -6.92	18.27 -0.22 -3.47	18.49 -0.21 -3.51	19.74 -0.18 -3.66	29.15 0.11 -11.48	40.72 0.17 -21.18	49.27 0.02 -24.54	49.54 -0.02 -24.91	47.96 -0.26 -24.71	47.74 -0.21 -24.25	48.80 -0.29 -24.46	37.42 -0.34 -15.38	37.07 0.34 -14.31	24.67 0.21 -3.87	25.46 0.21 -3.80	33.34 0.51 -10.78	36.09 0.86 -12.01	37.04 0.99 -11.20	44.39 1.04 -18.52	32.20 0.97 -9.73	19.91 0.70 -1.35	16.90 0.57 -1.64
INDECK___CORINTH 23802	24.29 1.37 -0.54	23.01 1.21 -1.91	22.67 0.92 -6.33	21.68 0.89 -5.77	22.21 0.94 -6.08	22.83 0.99 -5.58	28.32 1.18 -9.59	29.22 1.32 -8.53	29.58 1.88 -3.00	30.91 1.97 -4.28	32.76 1.86 -7.40	30.88 1.85 -5.32	29.70 1.85 -3.22	27.13 1.63 -3.12	25.72 1.68 -1.62	25.61 1.40 -3.61	26.49 1.50 -3.55	33.35 1.54 -9.75	35.28 1.67 -10.39	36.03 1.84 -9.35	37.71 1.81 -11.08	31.20 1.59 -8.11	28.19 1.23 -9.10	26.62 0.90 -11.04
INDECK___ILION 23567	22.48 0.09 0.00	19.96 0.06 -0.01	15.49 0.03 -0.04	15.09 0.03 -0.04	15.25 0.02 -0.04	16.32 0.02 -0.04	17.64 0.02 -0.07	19.41 -0.02 -0.06	24.73 0.00 -0.02	24.66 -0.02 -0.03	23.56 0.00 -0.05	23.75 0.00 -0.04	24.65 0.00 -0.02	22.38 -0.02 -0.02	22.43 0.00 -0.01	20.62 0.00 -0.03	21.46 0.00 -0.02	22.12 0.00 -0.07	23.29 0.00 -0.07	24.93 0.02 -0.07	24.93 0.02 -0.08	21.58 0.02 -0.06	17.95 0.02 -0.06	14.81 0.04 -0.08
INDECK___OLEAN 23982	21.78 0.38 0.98	19.68 0.38 0.59	15.89 -0.22 -0.69	15.04 -0.77 -0.79	15.26 -0.77 -0.84	16.18 -0.83 -0.75	18.62 0.07 -0.99	20.14 0.50 -0.26	24.32 0.49 0.88	24.52 0.54 0.68	23.89 0.52 0.13	23.72 0.47 0.46	24.32 0.52 0.83	22.49 0.45 0.34	22.43 0.54 0.53	20.03 -0.97 -0.40	20.78 -1.05 -0.39	22.18 -0.93 -1.05	23.80 -0.51 -1.10	26.40 0.60 -0.97	26.37 0.67 -0.88	22.34 0.00 -0.84	18.48 -0.88 -1.49	15.92 -0.57 -1.80
INDECK___OSWEGO 23783	22.09 -0.34 -0.04	19.72 -0.30 -0.13	15.62 -0.23 -0.44	15.21 -0.21 -0.40	15.40 -0.21 -0.42	16.42 -0.23 -0.39	17.96 -0.26 -0.66	19.69 -0.27 -0.59	24.52 -0.40 -0.21	24.53 -0.42 -0.30	23.62 -0.40 -0.51	23.67 -0.40 -0.37	24.46 -0.40 -0.22	22.21 -0.38 -0.22	22.15 -0.38 -0.11	20.52 -0.33 -0.25	21.34 -0.34 -0.25	22.39 -0.33 -0.67	23.59 -0.35 -0.72	25.16 -0.35 -0.67	25.28 -0.35 -0.81	21.83 -0.28 -0.61	18.28 -0.21 -0.63	15.30 -0.15 -0.76

INDECK___YERKES 23781	16.90 -0.87 4.61	15.48 -0.74 3.68	14.22 -0.55 0.64	14.53 -0.62 -0.12	14.69 -0.67 -0.17	15.72 -0.58 -0.04	15.75 -0.60 1.21	14.92 -0.66 3.79	18.15 -0.99 5.57	18.28 -0.94 5.44	17.73 -0.92 4.86	17.66 -0.95 5.10	18.14 -0.99 5.51	18.16 -0.94 3.28	18.32 -0.83 3.27	19.40 -0.85 0.35	20.22 -0.88 0.34	20.10 -0.93 1.02	21.08 -0.93 1.20	22.64 -1.02 1.18	21.12 -1.04 2.67	19.62 -0.86 1.03	18.16 -0.93 -1.23	15.65 -0.53 -1.49
INDIAN POINT_GT_1 24139	24.89 2.08 -0.43	23.22 1.83 -1.50	21.75 1.36 -4.98	20.85 1.29 -4.54	21.27 1.29 -4.79	22.01 1.37 -4.39	26.59 1.49 -7.54	27.75 1.67 -6.72	29.49 2.42 -2.36	30.39 2.37 -3.37	31.60 2.26 -5.83	30.16 2.25 -4.20	29.61 2.44 -2.54	27.03 2.19 -2.46	25.87 2.17 -1.27	25.46 2.02 -2.85	26.30 2.06 -2.80	31.91 2.18 -7.68	33.69 2.30 -8.18	34.78 2.58 -7.36	36.75 2.63 -9.29	30.03 2.15 -6.38	26.72 1.68 -7.17	24.71 1.32 -8.70
INDIAN POINT_GT_2 23659	24.89 2.08 -0.43	23.22 1.83 -1.50	21.75 1.36 -4.98	20.85 1.29 -4.54	21.27 1.29 -4.79	22.01 1.37 -4.39	26.59 1.49 -7.54	27.75 1.67 -6.72	29.49 2.42 -2.36	30.39 2.37 -3.37	31.60 2.26 -5.83	30.16 2.25 -4.20	29.61 2.44 -2.54	27.03 2.19 -2.46	25.87 2.17 -1.27	25.46 2.02 -2.85	26.30 2.06 -2.80	31.91 2.18 -7.68	33.69 2.30 -8.18	34.78 2.58 -7.36	36.75 2.63 -9.29	30.03 2.15 -6.38	26.72 1.68 -7.17	24.71 1.32 -8.70
INDIAN POINT_GT_3 24019	24.89 2.08 -0.43	23.22 1.83 -1.50	21.75 1.36 -4.98	20.85 1.29 -4.54	21.27 1.29 -4.79	22.01 1.37 -4.39	26.59 1.49 -7.54	27.75 1.67 -6.72	29.49 2.42 -2.36	30.39 2.37 -3.37	31.60 2.26 -5.83	30.16 2.25 -4.20	29.61 2.44 -2.54	27.03 2.19 -2.46	25.87 2.17 -1.27	25.46 2.02 -2.85	26.30 2.06 -2.80	31.91 2.18 -7.68	33.69 2.30 -8.18	34.78 2.58 -7.36	36.75 2.63 -9.29	30.03 2.15 -6.38	26.72 1.68 -7.17	24.71 1.32 -8.70
INDIAN POINT___2 23530	24.87 2.06 -0.43	23.19 1.81 -1.49	21.69 1.33 -4.95	20.79 1.26 -4.51	21.22 1.28 -4.75	21.97 1.35 -4.36	26.53 1.48 -7.49	27.68 1.65 -6.67	29.42 2.37 -2.34	30.35 2.34 -3.35	31.51 2.21 -5.79	30.08 2.21 -4.17	29.54 2.39 -2.52	26.97 2.15 -2.44	25.82 2.13 -1.27	25.40 1.98 -2.83	26.24 2.01 -2.78	31.81 2.14 -7.62	33.62 2.28 -8.12	34.68 2.53 -7.31	36.64 2.58 -9.24	29.97 2.13 -6.34	26.63 1.64 -7.12	24.64 1.31 -8.64
INDIAN POINT___3 23531	24.87 2.04 -0.45	23.20 1.79 -1.52	21.74 1.33 -5.00	20.84 1.26 -4.56	21.25 1.26 -4.80	22.01 1.35 -4.40	26.59 1.46 -7.57	27.76 1.65 -6.75	29.46 2.37 -2.39	30.37 2.32 -3.40	31.55 2.19 -5.86	30.13 2.21 -4.22	29.58 2.39 -2.56	27.00 2.15 -2.47	25.84 2.13 -1.29	25.43 1.98 -2.85	26.26 2.02 -2.81	31.87 2.12 -7.70	33.68 2.25 -8.21	34.76 2.53 -7.39	36.77 2.58 -9.37	30.04 2.13 -6.41	26.69 1.64 -7.18	24.71 1.31 -8.71
INGHAM_C_115KV_TB7 356103	22.36 -0.02 0.00	19.86 -0.04 -0.01	15.40 -0.06 -0.04	14.97 -0.09 -0.04	15.14 -0.09 -0.04	16.19 -0.11 -0.04	17.50 -0.12 -0.07	19.23 -0.19 -0.06	24.48 -0.25 -0.02	24.44 -0.25 -0.03	23.33 -0.24 -0.05	23.51 -0.24 -0.04	24.43 -0.22 -0.02	22.15 -0.25 -0.02	22.21 -0.22 -0.01	20.42 -0.21 -0.03	21.25 -0.21 -0.02	21.90 -0.22 -0.07	23.05 -0.23 -0.07	24.68 -0.22 -0.07	24.71 -0.20 -0.08	21.39 -0.17 -0.06	17.79 -0.14 -0.06	14.71 -0.06 -0.08
IP CORINTH___1 23988	24.30 1.37 -0.55	23.01 1.21 -1.91	22.65 0.92 -6.31	21.66 0.89 -5.76	22.20 0.94 -6.06	22.81 0.99 -5.56	28.28 1.16 -9.56	29.20 1.32 -8.52	29.59 1.88 -3.01	30.91 1.97 -4.28	32.76 1.86 -7.39	30.88 1.85 -5.32	29.71 1.85 -3.23	27.13 1.63 -3.12	25.72 1.68 -1.62	25.60 1.40 -3.60	26.48 1.50 -3.54	33.32 1.54 -9.73	35.25 1.67 -10.37	36.01 1.84 -9.33	37.69 1.81 -11.06	31.18 1.59 -8.09	28.17 1.23 -9.07	26.59 0.90 -11.01
IP___TICONDEROGA 23804	25.26 2.33 -0.55	23.87 2.07 -1.91	23.29 1.57 -6.30	22.28 1.52 -5.75	22.84 1.59 -6.06	23.52 1.71 -5.55	29.09 1.98 -9.55	29.99 2.11 -8.51	30.72 3.01 -3.00	32.16 3.23 -4.28	34.04 3.15 -7.38	32.15 3.13 -5.31	31.01 3.15 -3.22	28.20 2.71 -3.11	26.82 2.78 -1.62	26.40 2.20 -3.60	27.42 2.44 -3.54	34.26 2.49 -9.72	36.33 2.76 -10.35	37.21 3.06 -9.32	38.87 3.00 -11.04	32.14 2.56 -8.08	28.91 1.98 -9.06	27.19 1.51 -10.99
ISLIP_RES_REC 323679	25.59 2.77 -0.43	23.78 2.39 -1.51	22.11 1.70 -5.00	21.19 1.61 -4.57	21.68 1.69 -4.81	22.52 1.85 -4.41	27.22 2.09 -7.58	28.54 2.42 -6.75	30.36 3.29 -2.37	31.47 3.43 -3.38	33.39 3.05 -6.82	35.58 3.06 -8.81	34.26 3.23 -6.40	32.57 2.87 -7.32	32.38 2.94 -7.02	33.11 2.68 -9.84	31.65 2.74 -7.47	34.44 2.98 -9.42	36.86 3.16 -10.49	35.77 3.48 -7.45	43.57 3.52 -15.22	34.04 2.90 -9.63	29.19 2.36 -8.96	25.13 1.69 -8.75
JAMAICA__27_KV_LOAD 355505	25.23 2.40 -0.45	23.52 2.11 -1.53	21.97 1.54 -5.02	21.05 1.46 -4.58	21.47 1.46 -4.82	22.24 1.56 -4.42	26.90 1.74 -7.60	28.14 2.00 -6.78	29.99 2.89 -2.40	30.85 2.79 -3.41	31.86 2.47 -5.88	30.44 2.49 -4.24	29.99 2.78 -2.57	27.34 2.48 -2.48	26.18 2.47 -1.29	25.75 2.29 -2.86	26.59 2.34 -2.82	32.32 2.54 -7.74	34.08 2.62 -8.24	35.16 2.91 -7.42	37.20 2.95 -9.42	30.39 2.45 -6.44	27.06 1.98 -7.21	24.99 1.56 -8.75
JANIS___SOLAR 323808	24.88 1.10 -1.40	22.36 0.97 -1.50	17.93 0.68 -1.84	17.15 0.65 -1.49	17.41 0.67 -1.56	18.43 0.71 -1.46	21.25 0.84 -2.85	23.65 1.01 -3.28	28.27 1.26 -2.30	28.49 1.23 -2.61	27.93 1.15 -3.27	27.61 1.11 -2.79	28.16 1.18 -2.35	25.12 1.03 -1.71	24.79 1.05 -1.31	22.57 0.93 -1.04	23.41 0.94 -1.03	25.95 1.06 -2.84	27.49 1.21 -3.06	29.09 1.47 -2.78	30.02 1.46 -3.73	25.10 1.18 -2.41	20.81 0.88 -2.07	17.94 0.75 -2.51
JARVIS____ 23743	22.46 0.07 -0.01	19.98 0.06 -0.03	15.55 0.05 -0.09	15.15 0.05 -0.08	15.32 0.05 -0.09	16.39 0.05 -0.08	17.73 0.04 -0.14	19.53 0.04 -0.12	24.82 0.07 -0.04	24.79 0.07 -0.06	23.69 0.07 -0.11	23.86 0.07 -0.08	24.75 0.07 -0.05	22.49 0.07 -0.04	22.51 0.07 -0.02	20.71 0.06 -0.05	21.56 0.06 -0.05	22.28 0.09 -0.14	23.43 0.07 -0.15	25.07 0.10 -0.13	25.08 0.10 -0.16	21.70 0.09 -0.12	18.07 0.07 -0.13	14.91 0.06 -0.16
JENNISON___1 23625	23.96 1.34 -0.23	21.71 1.19 -0.63	18.16 0.83 -1.92	17.54 0.78 -1.74	17.83 0.81 -1.83	18.80 0.86 -1.68	21.57 1.11 -2.91	23.22 1.22 -2.63	27.30 1.61 -0.99	27.60 1.58 -1.37	27.34 1.53 -2.30	26.93 1.54 -1.68	27.34 1.65 -1.05	24.89 1.52 -0.99	24.48 1.52 -0.54	22.93 1.24 -1.09	23.80 1.29 -1.08	26.35 1.34 -2.96	27.85 1.49 -3.15	29.49 1.81 -2.84	30.11 1.79 -3.50	25.39 1.42 -2.47	21.63 1.04 -2.73	18.88 0.88 -3.31
JENNISON___2 23626	23.96 1.34 -0.23	21.71 1.19 -0.63	18.16 0.83 -1.92	17.54 0.78 -1.74	17.83 0.81 -1.83	18.80 0.86 -1.68	21.57 1.11 -2.91	23.22 1.22 -2.63	27.30 1.61 -0.99	27.60 1.58 -1.37	27.34 1.53 -2.30	26.93 1.54 -1.68	27.34 1.65 -1.05	24.89 1.52 -0.99	24.48 1.52 -0.54	22.93 1.24 -1.09	23.80 1.29 -1.08	26.35 1.34 -2.96	27.85 1.49 -3.15	29.49 1.81 -2.84	30.11 1.79 -3.50	25.39 1.42 -2.47	21.63 1.04 -2.73	18.88 0.88 -3.31

JERICO_RISE_WT_PWR 323719	21.91 -0.47 0.00	19.49 -0.40 0.00	15.12 -0.29 0.00	14.67 -0.34 0.00	14.83 -0.36 0.00	15.82 -0.44 0.00	17.08 -0.47 0.00	18.81 -0.56 0.00	23.87 -0.84 0.00	23.82 -0.84 0.00	22.54 -0.96 0.00	22.69 -1.02 0.00	23.38 -1.26 0.00	21.19 -1.19 0.00	21.19 -1.23 0.00	19.46 -1.13 0.00	20.28 -1.16 0.00	20.79 -1.26 0.00	21.87 -1.35 0.00	23.06 -1.61 0.17	22.92 -1.66 0.24	19.57 -1.48 0.45	16.65 -1.22 0.00	13.65 -1.04 0.00
KATONAH__115KV_46KV_TB4 355592	24.96 2.13 -0.45	23.30 1.87 -1.54	21.88 1.40 -5.06	20.97 1.34 -4.62	21.37 1.32 -4.86	22.13 1.41 -4.46	26.75 1.53 -7.67	27.95 1.74 -6.83	29.67 2.54 -2.42	30.61 2.51 -3.44	31.86 2.42 -5.93	30.38 2.39 -4.27	29.81 2.59 -2.60	27.21 2.33 -2.50	25.99 2.26 -1.30	25.59 2.10 -2.89	26.42 2.14 -2.84	32.12 2.27 -7.80	33.94 2.41 -8.31	34.98 2.66 -7.48	37.03 2.71 -9.50	30.23 2.24 -6.49	26.87 1.73 -7.27	24.86 1.35 -8.82
KCE_NY_1 323755	24.36 1.43 -0.54	23.07 1.27 -1.90	22.69 0.97 -6.31	21.72 0.95 -5.76	22.22 0.97 -6.06	22.86 1.04 -5.56	28.29 1.18 -9.55	29.17 1.30 -8.51	29.52 1.83 -2.99	30.80 1.87 -4.27	32.69 1.81 -7.37	30.84 1.83 -5.30	29.69 1.85 -3.21	27.14 1.66 -3.11	25.74 1.70 -1.61	25.66 1.46 -3.60	26.52 1.54 -3.54	33.34 1.57 -9.72	35.27 1.69 -10.36	36.00 1.84 -9.32	37.67 1.81 -11.03	31.13 1.55 -8.08	28.16 1.23 -9.07	26.63 0.94 -11.00
KCE_NY_6_ESR 323823	16.08 -0.69 5.61	14.81 -0.58 4.50	13.94 -0.57 0.91	14.38 -0.68 -0.03	14.59 -0.68 -0.08	15.49 -0.72 0.06	15.37 -0.53 1.66	14.13 -0.47 4.78	17.14 -0.74 6.82	17.27 -0.69 6.69	16.80 -0.66 6.05	16.70 -0.71 6.30	17.16 -0.72 6.76	17.64 -0.69 4.05	17.83 -0.58 4.01	19.16 -0.95 0.49	19.97 -0.99 0.48	19.64 -0.97 1.43	20.66 -0.88 1.67	22.50 -0.72 1.62	20.66 -0.69 3.47	19.36 -0.73 1.41	18.33 -0.84 -1.30	15.79 -0.48 -1.58
KEDC_PORT_JEFF_GT2 24210	25.50 2.68 -0.43	23.70 2.31 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.15 2.02 -7.58	28.44 2.32 -6.75	30.24 3.16 -2.37	31.32 3.28 -3.38	33.25 2.91 -6.82	35.43 2.92 -8.81	34.11 3.08 -6.40	32.45 2.75 -7.32	32.24 2.80 -7.02	33.01 2.57 -9.84	31.54 2.64 -7.47	34.31 2.85 -9.42	36.74 3.04 -10.49	35.62 3.33 -7.45	43.39 3.35 -15.22	33.91 2.77 -9.63	29.10 2.27 -8.96	25.07 1.63 -8.75
KEDC_PORT_JEFF_GT3 24211	25.50 2.68 -0.43	23.70 2.31 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.15 2.02 -7.58	28.44 2.32 -6.75	30.24 3.16 -2.37	31.32 3.28 -3.38	33.25 2.91 -6.82	35.43 2.92 -8.81	34.11 3.08 -6.40	32.45 2.75 -7.32	32.24 2.80 -7.02	33.01 2.57 -9.84	31.54 2.64 -7.47	34.31 2.85 -9.42	36.74 3.04 -10.49	35.62 3.33 -7.45	43.39 3.35 -15.22	33.91 2.77 -9.63	29.10 2.27 -8.96	25.07 1.63 -8.75
KEDC_GLWD_GT4 24219	25.30 2.48 -0.43	23.57 2.17 -1.51	21.97 1.56 -5.00	21.06 1.47 -4.57	21.50 1.50 -4.81	22.28 1.61 -4.41	26.91 1.77 -7.58	28.13 2.01 -6.75	29.94 2.86 -2.37	30.92 2.88 -3.38	33.04 2.70 -6.82	35.24 2.73 -8.81	33.96 2.93 -6.40	32.34 2.64 -7.32	32.06 2.62 -7.02	32.87 2.43 -9.84	31.39 2.49 -7.47	34.09 2.62 -9.42	36.49 2.78 -10.49	35.37 3.08 -7.45	43.17 3.13 -15.22	33.71 2.58 -9.63	28.86 2.04 -8.96	25.00 1.56 -8.75
KEDC_GLWD_GT5 24220	25.30 2.48 -0.43	23.57 2.17 -1.51	21.97 1.56 -5.00	21.06 1.47 -4.57	21.50 1.50 -4.81	22.28 1.61 -4.41	26.91 1.77 -7.58	28.13 2.01 -6.75	29.94 2.86 -2.37	30.92 2.88 -3.38	33.04 2.70 -6.82	35.24 2.73 -8.81	33.96 2.93 -6.40	32.34 2.64 -7.32	32.06 2.62 -7.02	32.87 2.43 -9.84	31.39 2.49 -7.47	34.09 2.62 -9.42	36.49 2.78 -10.49	35.37 3.08 -7.45	43.17 3.13 -15.22	33.71 2.58 -9.63	28.86 2.04 -8.96	25.00 1.56 -8.75
KENSICO____ 23655	24.96 2.13 -0.45	23.28 1.87 -1.52	21.80 1.37 -5.01	20.90 1.31 -4.57	21.31 1.31 -4.82	22.08 1.40 -4.42	26.67 1.51 -7.60	27.85 1.70 -6.77	29.57 2.47 -2.40	30.48 2.42 -3.41	31.67 2.28 -5.88	30.24 2.30 -4.23	29.69 2.49 -2.57	27.10 2.24 -2.48	25.93 2.22 -1.29	25.52 2.06 -2.86	26.36 2.10 -2.82	32.01 2.23 -7.73	33.82 2.37 -8.24	34.89 2.63 -7.41	36.91 2.68 -9.41	30.15 2.21 -6.43	26.78 1.72 -7.20	24.78 1.35 -8.74
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.99 2.17 -0.43	23.28 1.91 -1.48	21.70 1.43 -4.86	20.80 1.35 -4.43	21.21 1.35 -4.67	21.99 1.45 -4.28	26.51 1.60 -7.36	27.63 1.70 -6.56	29.50 2.47 -2.32	30.40 2.44 -3.30	31.41 2.21 -5.69	30.04 2.23 -4.10	29.56 2.44 -2.49	27.00 2.22 -2.40	25.83 2.15 -1.25	25.37 2.00 -2.77	26.22 2.06 -2.73	31.67 2.14 -7.49	33.45 2.25 -7.98	34.65 2.63 -7.18	36.55 2.76 -8.97	30.01 2.28 -6.23	26.57 1.73 -6.98	24.61 1.45 -8.46
KIAC_JFK_GT1 23816	25.10 2.28 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.96 1.38 -4.56	21.39 1.40 -4.81	22.16 1.50 -4.41	26.82 1.69 -7.58	28.03 1.92 -6.75	29.87 2.79 -2.37	30.70 2.66 -3.38	31.75 2.37 -5.86	30.32 2.39 -4.22	29.85 2.66 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.43 -7.71	33.85 2.41 -8.22	34.92 2.68 -7.39	36.93 2.76 -9.36	30.23 2.32 -6.41	26.99 1.91 -7.21	24.92 1.48 -8.75
KIAC_JFK_GT2 23817	25.10 2.28 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.96 1.38 -4.56	21.39 1.40 -4.81	22.16 1.50 -4.41	26.82 1.69 -7.58	28.03 1.92 -6.75	29.87 2.79 -2.37	30.70 2.66 -3.38	31.75 2.37 -5.86	30.32 2.39 -4.22	29.85 2.66 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.43 -7.71	33.85 2.41 -8.22	34.92 2.68 -7.39	36.93 2.76 -9.36	30.23 2.32 -6.41	26.99 1.91 -7.21	24.92 1.48 -8.75
KIAC_JFK____ 323774	25.10 2.28 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.96 1.38 -4.56	21.39 1.40 -4.81	22.16 1.50 -4.41	26.82 1.69 -7.58	28.03 1.92 -6.75	29.87 2.79 -2.37	30.70 2.66 -3.38	31.75 2.37 -5.86	30.32 2.39 -4.22	29.85 2.66 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.43 -7.71	33.85 2.41 -8.22	34.92 2.68 -7.39	36.93 2.76 -9.36	30.23 2.32 -6.41	26.99 1.91 -7.21	24.92 1.48 -8.75
KINTIGH____ 23543	21.06 -1.10 0.23	18.91 -0.95 0.02	15.47 -0.60 -0.65	15.22 -0.44 -0.64	15.42 -0.44 -0.67	16.43 -0.44 -0.61	17.84 -0.68 -0.97	19.19 -0.87 -0.69	23.45 -1.24 0.02	23.57 -1.21 -0.13	22.83 -1.18 -0.50	22.76 -1.21 -0.26	23.41 -1.23 -0.01	21.35 -1.16 -0.14	21.32 -1.08 0.03	20.29 -0.68 -0.37	21.12 -0.69 -0.37	22.28 -0.77 -1.01	23.39 -0.88 -1.06	24.57 -1.22 -0.95	24.67 -1.24 -1.09	21.39 -0.95 -0.83	18.36 -0.57 -1.06	15.70 -0.28 -1.29
KNTFSRNC_46_KV_46KV_LOAD 80397	22.16 -0.22 0.00	19.70 -0.20 -0.01	15.32 -0.12 -0.03	14.82 -0.23 -0.03	14.97 -0.24 -0.03	15.98 -0.31 -0.03	17.25 -0.35 -0.04	19.06 -0.35 -0.04	24.13 -0.59 -0.01	24.11 -0.57 -0.02	22.79 -0.75 -0.03	22.93 -0.81 -0.02	23.59 -1.06 -0.01	21.39 -1.01 -0.01	21.38 -1.05 -0.01	19.64 -0.97 -0.02	20.45 -1.01 -0.02	20.99 -1.10 -0.04	22.10 -1.16 -0.05	23.29 -1.42 0.14	23.13 -1.49 0.21	19.72 -1.33 0.45	16.80 -1.11 -0.04	13.78 -0.95 -0.05

LACHUTE____HYDRO 323717	25.25 2.33 -0.54	23.86 2.07 -1.91	23.31 1.57 -6.32	22.30 1.52 -5.77	22.86 1.59 -6.07	23.52 1.69 -5.57	29.03 1.90 -9.57	30.02 2.13 -8.52	30.71 3.01 -3.00	32.16 3.23 -4.28	34.05 3.15 -7.39	32.15 3.13 -5.32	31.00 3.15 -3.22	28.20 2.71 -3.11	26.82 2.78 -1.61	26.41 2.20 -3.61	27.43 2.44 -3.55	34.28 2.49 -9.74	36.36 2.76 -10.38	37.23 3.05 -9.34	38.89 3.00 -11.06	32.16 2.56 -8.10	28.93 1.98 -9.09	27.23 1.51 -11.02
LAWRNCAV_115KV_TB1 80681	21.58 -0.81 -0.01	19.19 -0.72 -0.02	14.95 -0.52 -0.06	14.50 -0.57 -0.05	14.68 -0.56 -0.06	15.69 -0.62 -0.05	16.96 -0.68 -0.09	18.65 -0.79 -0.08	23.50 -1.24 -0.03	23.51 -1.18 -0.04	22.50 -1.08 -0.07	22.69 -1.07 -0.05	23.45 -1.21 -0.03	21.36 -1.05 -0.03	21.36 -1.08 -0.02	19.64 -0.99 -0.03	20.44 -1.03 -0.03	21.06 -1.08 -0.09	22.24 -1.07 -0.10	23.43 -1.24 0.17	23.35 -1.22 0.26	19.80 -1.10 0.61	17.06 -0.89 -0.08	14.09 -0.71 -0.10
LEDERLE____ 23769	24.97 2.15 -0.44	23.28 1.89 -1.50	21.74 1.39 -4.94	20.84 1.32 -4.50	21.26 1.32 -4.74	22.02 1.41 -4.35	26.57 1.53 -7.48	27.74 1.70 -6.67	29.54 2.47 -2.36	30.46 2.44 -3.36	31.60 2.30 -5.79	30.18 2.30 -4.17	29.65 2.49 -2.53	27.06 2.24 -2.44	25.91 2.22 -1.27	25.47 2.06 -2.82	26.31 2.10 -2.77	31.87 2.20 -7.61	33.67 2.34 -8.11	34.80 2.66 -7.30	36.78 2.71 -9.25	30.07 2.24 -6.33	26.67 1.72 -7.09	24.68 1.38 -8.61
LIGHTHSE_115KV_TB6 355974	22.18 -0.22 -0.02	19.80 -0.20 -0.11	15.66 -0.15 -0.40	15.22 -0.17 -0.36	15.41 -0.17 -0.38	16.42 -0.20 -0.35	17.95 -0.21 -0.60	19.64 -0.25 -0.52	24.48 -0.40 -0.17	24.49 -0.42 -0.25	23.56 -0.40 -0.45	23.62 -0.40 -0.32	24.44 -0.37 -0.18	22.20 -0.36 -0.18	22.13 -0.38 -0.09	20.45 -0.37 -0.23	21.25 -0.41 -0.22	22.31 -0.35 -0.61	23.54 -0.33 -0.65	25.24 -0.22 -0.62	25.42 -0.17 -0.77	21.94 -0.17 -0.61	18.32 -0.13 -0.58	15.30 -0.09 -0.70
LINDEN COGEN____ 23786	25.01 2.19 -0.43	23.35 1.95 -1.51	21.85 1.43 -5.00	20.95 1.37 -4.56	21.37 1.37 -4.81	22.12 1.45 -4.41	26.68 1.55 -7.58	27.86 1.74 -6.75	29.60 2.52 -2.37	30.48 2.44 -3.38	31.68 2.31 -5.86	30.25 2.32 -4.22	29.72 2.54 -2.56	27.13 2.28 -2.47	25.97 2.26 -1.28	25.56 2.10 -2.86	26.40 2.14 -2.82	32.05 2.29 -7.71	33.87 2.44 -8.22	34.92 2.68 -7.39	36.96 2.78 -9.36	30.19 2.28 -6.41	26.83 1.75 -7.21	24.85 1.41 -8.75
LINDHRST_69_KV_BK1 356055	25.63 2.80 -0.45	23.84 2.43 -1.53	22.16 1.73 -5.02	21.23 1.64 -4.58	21.70 1.69 -4.82	22.49 1.80 -4.42	27.13 1.97 -7.60	28.49 2.34 -6.78	30.39 3.29 -2.40	31.45 3.38 -3.41	33.38 3.03 -6.84	35.57 3.03 -8.83	34.28 3.23 -6.42	32.64 2.93 -7.33	32.39 2.94 -7.03	33.12 2.68 -9.84	31.70 2.79 -7.47	34.44 2.95 -9.44	36.86 3.13 -10.51	35.79 3.48 -7.48	43.61 3.50 -15.29	34.08 2.92 -9.66	29.18 2.36 -8.96	25.18 1.75 -8.75
LIPA_MISC_IPP 23656	25.34 2.51 -0.45	23.56 2.15 -1.53	21.96 1.53 -5.02	21.04 1.44 -4.58	21.56 1.55 -4.82	22.32 1.64 -4.42	26.97 1.81 -7.60	28.32 2.17 -6.78	29.99 2.89 -2.40	31.10 3.03 -3.41	33.01 2.66 -6.84	35.19 2.66 -8.83	33.86 2.81 -6.42	32.22 2.51 -7.33	32.01 2.56 -7.03	32.79 2.35 -9.84	31.33 2.42 -7.47	34.11 2.62 -9.44	36.54 2.81 -10.51	35.40 3.08 -7.48	43.21 3.10 -15.29	33.74 2.58 -9.66	28.91 2.09 -8.96	24.95 1.51 -8.75
LISF____SOLAR 323691	25.34 2.53 -0.43	23.57 2.17 -1.51	21.96 1.54 -5.00	21.04 1.46 -4.57	21.56 1.56 -4.81	22.39 1.72 -4.41	27.02 1.88 -7.58	28.28 2.17 -6.75	29.97 2.89 -2.37	31.07 3.03 -3.38	33.01 2.68 -6.82	35.17 2.65 -8.81	33.84 2.81 -6.40	32.21 2.51 -7.32	32.02 2.58 -7.02	32.78 2.35 -9.84	31.33 2.42 -7.47	34.09 2.62 -9.42	36.51 2.81 -10.49	35.37 3.08 -7.45	43.17 3.13 -15.22	33.69 2.56 -9.63	28.93 2.11 -8.96	24.97 1.53 -8.75
LITTLE FALLS____HYD 24013	22.36 -0.02 0.00	19.86 -0.04 -0.01	15.40 -0.06 -0.04	14.97 -0.09 -0.04	15.14 -0.09 -0.04	16.19 -0.11 -0.04	17.50 -0.12 -0.07	19.23 -0.19 -0.06	24.48 -0.25 -0.02	24.44 -0.25 -0.03	23.33 -0.24 -0.05	23.51 -0.24 -0.04	24.43 -0.22 -0.02	22.15 -0.25 -0.02	22.21 -0.22 -0.01	20.42 -0.21 -0.03	21.25 -0.21 -0.02	21.90 -0.22 -0.07	23.05 -0.23 -0.07	24.68 -0.22 -0.07	24.71 -0.20 -0.08	21.39 -0.17 -0.06	17.79 -0.14 -0.06	14.71 -0.06 -0.08
LITTLRIV_115KV_TB1 356100	21.74 -0.65 -0.01	19.35 -0.56 -0.02	15.06 -0.42 -0.06	14.62 -0.45 -0.06	14.79 -0.46 -0.06	15.81 -0.50 -0.06	17.11 -0.54 -0.09	18.79 -0.66 -0.08	23.70 -1.04 -0.03	23.69 -1.01 -0.04	22.64 -0.94 -0.07	22.84 -0.92 -0.05	23.60 -1.06 -0.03	21.49 -0.92 -0.03	21.50 -0.94 -0.02	19.77 -0.87 -0.04	20.57 -0.90 -0.04	21.22 -0.93 -0.10	22.43 -0.88 -0.10	23.63 -1.04 0.17	23.54 -1.02 0.26	19.93 -0.95 0.63	17.19 -0.77 -0.09	14.21 -0.59 -0.11
LI_NEWBRDGE____DRP 323616	25.34 2.51 -0.45	23.58 2.17 -1.53	21.97 1.54 -5.02	21.05 1.46 -4.58	21.50 1.49 -4.82	22.27 1.59 -4.42	26.90 1.74 -7.60	28.20 2.05 -6.78	30.02 2.92 -2.40	31.03 2.96 -3.41	33.03 2.68 -6.84	35.24 2.70 -8.83	33.96 2.91 -6.42	32.31 2.60 -7.33	32.05 2.60 -7.03	32.83 2.39 -9.84	31.38 2.47 -7.47	34.11 2.62 -9.44	36.51 2.79 -10.51	35.40 3.08 -7.48	43.19 3.08 -15.29	33.76 2.60 -9.66	28.90 2.07 -8.96	24.99 1.56 -8.75
LOCKPORT_115KV_TB60_63_64 80432	21.24 -1.03 0.11	19.09 -0.88 -0.08	15.45 -0.63 -0.67	15.09 -0.59 -0.66	15.25 -0.64 -0.70	16.29 -0.60 -0.63	18.02 -0.60 -1.05	19.40 -0.81 -0.84	23.63 -1.21 -0.14	23.79 -1.16 -0.29	23.05 -1.13 -0.67	22.95 -1.19 -0.42	23.59 -1.21 -0.16	21.45 -1.16 -0.23	21.40 -1.08 -0.06	20.05 -0.93 -0.38	20.85 -0.96 -0.38	22.09 -0.99 -1.03	23.34 -1.02 -1.15	24.63 -1.24 -1.03	24.79 -1.27 -1.23	21.40 -1.01 -0.90	17.98 -1.00 -1.11	15.46 -0.57 -1.35
LOCKPORT____CC1 323769	17.05 -1.07 4.26	15.59 -0.91 3.39	14.18 -0.66 0.57	14.54 -0.62 -0.14	14.70 -0.67 -0.18	15.69 -0.63 -0.06	15.77 -0.72 1.07	15.06 -0.85 3.45	18.34 -1.23 5.13	18.47 -1.18 5.00	17.91 -1.15 4.45	17.82 -1.21 4.68	18.30 -1.26 5.07	18.18 -1.19 3.01	18.33 -1.08 3.01	19.32 -0.97 0.31	20.15 -0.99 0.30	20.10 -1.04 0.91	21.09 -1.07 1.06	22.53 -1.27 1.04	21.13 -1.29 2.40	19.56 -1.03 0.91	18.07 -0.98 -1.18	15.57 -0.56 -1.44
LOCKPORT____CC2 323770	17.05 -1.07 4.26	15.59 -0.91 3.39	14.18 -0.66 0.57	14.54 -0.62 -0.14	14.70 -0.67 -0.18	15.69 -0.63 -0.06	15.77 -0.72 1.07	15.06 -0.85 3.45	18.34 -1.23 5.13	18.47 -1.18 5.00	17.91 -1.15 4.45	17.82 -1.21 4.68	18.30 -1.26 5.07	18.18 -1.19 3.01	18.33 -1.08 3.01	19.32 -0.97 0.31	20.15 -0.99 0.30	20.10 -1.04 0.91	21.09 -1.07 1.06	22.53 -1.27 1.04	21.13 -1.29 2.40	19.56 -1.03 0.91	18.07 -0.98 -1.18	15.57 -0.56 -1.44
LOCKPORT____CC3 323771	17.05 -1.07 4.26	15.59 -0.91 3.39	14.18 -0.66 0.57	14.54 -0.62 -0.14	14.70 -0.67 -0.18	15.69 -0.63 -0.06	15.77 -0.72 1.07	15.06 -0.85 3.45	18.34 -1.23 5.13	18.47 -1.18 5.00	17.91 -1.15 4.45	17.82 -1.21 4.68	18.30 -1.26 5.07	18.18 -1.19 3.01	18.33 -1.08 3.01	19.32 -0.97 0.31	20.15 -0.99 0.30	20.10 -1.04 0.91	21.09 -1.07 1.06	22.53 -1.27 1.04	21.13 -1.29 2.40	19.56 -1.03 0.91	18.07 -0.98 -1.18	15.57 -0.56 -1.44

LONG_LAKE_PHOENIX 24014	22.18 -0.25 -0.05	19.79 -0.24 -0.14	15.69 -0.17 -0.44	15.27 -0.15 -0.40	15.46 -0.15 -0.42	16.49 -0.16 -0.39	18.07 -0.16 -0.67	19.80 -0.17 -0.60	24.66 -0.27 -0.22	24.69 -0.27 -0.31	23.75 -0.28 -0.53	23.81 -0.28 -0.38	24.60 -0.27 -0.24	22.33 -0.27 -0.22	22.25 -0.29 -0.12	20.60 -0.25 -0.25	21.43 -0.26 -0.25	22.49 -0.24 -0.68	23.69 -0.26 -0.73	25.25 -0.25 -0.66	25.39 -0.25 -0.82	21.90 -0.19 -0.59	18.35 -0.14 -0.63	15.37 -0.09 -0.77
LOVETT___3 23632	24.86 2.04 -0.44	23.18 1.79 -1.51	21.69 1.33 -4.95	20.79 1.26 -4.51	21.20 1.26 -4.75	21.95 1.33 -4.36	26.49 1.44 -7.50	27.68 1.63 -6.68	29.42 2.35 -2.36	30.34 2.32 -3.36	31.50 2.19 -5.80	30.07 2.18 -4.18	29.53 2.36 -2.54	26.95 2.13 -2.45	25.80 2.11 -1.27	25.38 1.96 -2.82	26.21 1.99 -2.78	31.77 2.09 -7.63	33.57 2.23 -8.13	34.69 2.53 -7.31	36.65 2.56 -9.27	29.97 2.13 -6.34	26.60 1.63 -7.11	24.60 1.29 -8.62
LOVETT___4 23642	24.86 2.04 -0.44	23.18 1.79 -1.51	21.69 1.33 -4.95	20.79 1.26 -4.51	21.20 1.26 -4.75	21.95 1.33 -4.36	26.49 1.44 -7.50	27.68 1.63 -6.68	29.42 2.35 -2.36	30.34 2.32 -3.36	31.50 2.19 -5.80	30.07 2.18 -4.18	29.53 2.36 -2.54	26.95 2.13 -2.45	25.80 2.11 -1.27	25.38 1.96 -2.82	26.21 1.99 -2.78	31.77 2.09 -7.63	33.57 2.23 -8.13	34.69 2.53 -7.31	36.65 2.56 -9.27	29.97 2.13 -6.34	26.60 1.63 -7.11	24.60 1.29 -8.62
LOVETT___5 23593	24.86 2.04 -0.44	23.18 1.79 -1.51	21.69 1.33 -4.95	20.79 1.26 -4.51	21.20 1.26 -4.75	21.95 1.33 -4.36	26.49 1.44 -7.50	27.68 1.63 -6.68	29.42 2.35 -2.36	30.34 2.32 -3.36	31.50 2.19 -5.80	30.07 2.18 -4.18	29.53 2.36 -2.54	26.95 2.13 -2.45	25.80 2.11 -1.27	25.38 1.96 -2.82	26.21 1.99 -2.78	31.77 2.09 -7.63	33.57 2.23 -8.13	34.69 2.53 -7.31	36.65 2.56 -9.27	29.97 2.13 -6.34	26.60 1.63 -7.11	24.60 1.29 -8.62
LOWER RAQUET___HYD 24057	21.42 -0.96 0.00	19.03 -0.85 0.00	14.77 -0.65 0.00	14.34 -0.68 0.00	14.51 -0.68 0.00	15.51 -0.75 0.00	16.72 -0.84 0.00	18.42 -0.95 0.00	23.30 -1.41 0.00	23.28 -1.38 0.00	22.24 -1.27 0.00	22.43 -1.28 0.00	23.23 -1.40 0.00	21.13 -1.25 0.00	21.17 -1.26 0.00	19.44 -1.15 0.00	20.24 -1.20 0.00	20.79 -1.26 0.00	21.96 -1.25 0.00	23.14 -1.44 0.25	23.04 -1.41 0.37	19.55 -1.27 0.69	16.83 -1.04 0.00	13.87 -0.82 0.00
LOWER___HUDSON 24059	24.08 1.16 -0.53	22.79 1.03 -1.86	22.39 0.80 -6.18	21.42 0.77 -5.64	21.92 0.79 -5.94	22.55 0.85 -5.44	27.85 0.93 -9.36	28.73 1.03 -8.33	29.09 1.46 -2.93	30.31 1.48 -4.18	32.14 1.41 -7.22	30.35 1.45 -5.20	29.23 1.45 -3.15	26.74 1.32 -3.04	25.35 1.35 -1.58	25.32 1.19 -3.53	26.15 1.24 -3.47	32.83 1.26 -9.52	34.73 1.37 -10.15	35.41 1.44 -9.13	37.02 1.44 -10.76	30.64 1.22 -7.92	27.75 1.00 -8.88	26.23 0.76 -10.78
LOWVILLE_115KV_TB2 356335	22.39 -0.02 -0.03	19.94 -0.02 -0.07	15.58 -0.05 -0.21	14.97 -0.24 -0.19	15.18 -0.21 -0.20	16.20 -0.24 -0.18	17.65 -0.23 -0.32	19.37 -0.29 -0.29	24.40 -0.42 -0.12	24.34 -0.47 -0.16	23.27 -0.49 -0.26	23.35 -0.55 -0.19	24.24 -0.52 -0.12	21.95 -0.54 -0.11	21.90 -0.58 -0.06	20.18 -0.54 -0.12	21.04 -0.51 -0.12	21.93 -0.44 -0.32	23.19 -0.37 -0.34	24.96 -0.30 -0.42	25.07 -0.30 -0.54	21.75 -0.32 -0.57	17.93 -0.23 -0.29	14.84 -0.21 -0.36
LUTHERFT_115KV_GLOB_FND_222 355753	24.37 1.43 -0.55	23.07 1.27 -1.91	22.68 0.97 -6.29	21.69 0.93 -5.74	22.21 0.97 -6.04	22.84 1.04 -5.54	28.25 1.16 -9.53	29.16 1.30 -8.49	29.50 1.80 -3.00	30.80 1.87 -4.27	32.68 1.81 -7.37	30.84 1.83 -5.30	29.67 1.82 -3.22	27.12 1.63 -3.11	25.72 1.68 -1.61	25.63 1.44 -3.59	26.49 1.52 -3.53	33.29 1.54 -9.70	35.22 1.67 -10.33	35.95 1.81 -9.30	37.62 1.79 -11.01	31.11 1.55 -8.06	28.12 1.21 -9.04	26.60 0.94 -10.97
LUTHERNY_35_KV_BK2 355980	24.37 1.43 -0.55	23.07 1.27 -1.91	22.68 0.97 -6.29	21.70 0.95 -5.74	22.21 0.97 -6.04	22.84 1.04 -5.54	28.26 1.18 -9.53	29.16 1.30 -8.49	29.53 1.83 -3.00	30.80 1.87 -4.27	32.68 1.81 -7.37	30.84 1.83 -5.30	29.70 1.85 -3.22	27.14 1.66 -3.11	25.74 1.70 -1.61	25.65 1.46 -3.59	26.51 1.54 -3.53	33.31 1.57 -9.70	35.24 1.69 -10.33	35.98 1.84 -9.30	37.65 1.81 -11.01	31.11 1.55 -8.06	28.14 1.23 -9.04	26.60 0.94 -10.97
LWR___OSWEGATCHIE_HYD 23850	21.52 -0.87 -0.01	19.15 -0.78 -0.04	14.95 -0.59 -0.12	14.47 -0.66 -0.11	14.64 -0.67 -0.11	15.65 -0.72 -0.11	16.95 -0.79 -0.18	18.66 -0.87 -0.16	23.50 -1.26 -0.06	23.48 -1.26 -0.08	22.45 -1.20 -0.14	22.60 -1.21 -0.10	23.39 -1.31 -0.06	21.25 -1.19 -0.06	21.24 -1.21 -0.03	19.57 -1.09 -0.07	20.37 -1.14 -0.07	21.09 -1.15 -0.18	22.27 -1.14 -0.20	23.37 -1.24 0.23	23.24 -1.22 0.37	19.47 -1.10 0.94	17.14 -0.89 0.17	14.16 -0.73 -0.21
LYONS_FALL_HYD 23570	22.54 0.14 -0.02	20.07 0.12 -0.06	15.70 0.08 -0.21	15.17 -0.04 -0.19	15.35 -0.05 -0.20	16.40 -0.05 -0.19	17.81 -0.07 -0.32	19.58 -0.08 -0.29	24.71 -0.10 -0.10	24.65 -0.15 -0.14	23.59 -0.16 -0.25	23.70 -0.19 -0.18	24.59 -0.15 -0.11	22.28 -0.20 -0.10	22.25 -0.22 -0.05	20.49 -0.23 -0.12	21.35 -0.21 -0.12	22.22 -0.15 -0.33	23.47 -0.09 -0.35	25.21 -0.02 -0.39	25.29 -0.02 -0.49	21.92 -0.06 -0.49	18.12 -0.05 -0.31	15.03 -0.03 -0.37
MADISON___COUNTY_LFGE 323628	23.00 0.54 -0.08	20.51 0.48 -0.14	16.10 0.34 -0.35	15.64 0.32 -0.31	15.85 0.33 -0.32	16.92 0.36 -0.30	18.52 0.44 -0.53	20.29 0.43 -0.50	25.47 0.54 -0.22	25.46 0.52 -0.29	24.48 0.52 -0.45	24.57 0.52 -0.34	25.46 0.59 -0.23	23.03 0.45 -0.20	22.97 0.43 -0.12	21.14 0.35 -0.20	22.02 0.39 -0.19	23.02 0.44 -0.53	24.27 0.49 -0.57	25.97 0.60 -0.53	26.09 0.60 -0.67	22.45 0.45 -0.50	18.70 0.36 -0.47	15.60 0.34 -0.58
MALONE___115KV_TB1 356076	21.96 -0.43 0.00	19.52 -0.38 -0.01	15.19 -0.26 -0.04	14.71 -0.35 -0.04	14.86 -0.36 -0.04	15.87 -0.42 -0.03	17.14 -0.47 -0.06	18.92 -0.50 -0.05	23.93 -0.79 -0.02	23.92 -0.76 -0.03	22.68 -0.87 -0.04	22.84 -0.90 -0.03	23.54 -1.11 -0.02	21.37 -1.03 -0.02	21.36 -1.08 -0.01	19.63 -0.99 -0.02	20.45 -1.01 -0.02	20.98 -1.12 -0.06	22.12 -1.16 -0.06	23.30 -1.39 0.15	23.18 -1.41 0.23	19.71 -1.29 0.51	16.85 -1.07 -0.06	13.86 -0.90 -0.07
MAPLEWOD_115KV_TB3 80458	24.15 1.23 -0.53	22.83 1.09 -1.84	22.33 0.83 -6.08	21.38 0.81 -5.55	21.87 0.84 -5.84	22.51 0.89 -5.36	27.75 0.98 -9.21	28.66 1.08 -8.21	29.13 1.53 -2.90	30.33 1.55 -4.13	32.11 1.48 -7.12	30.35 1.52 -5.13	29.29 1.55 -3.11	26.75 1.37 -3.00	25.40 1.41 -1.56	25.32 1.26 -3.47	26.16 1.31 -3.41	32.76 1.34 -9.37	34.64 1.44 -9.99	35.39 1.56 -8.99	37.02 1.54 -10.66	30.61 1.31 -7.79	27.64 1.04 -8.74	26.10 0.81 -10.60
MAPLE RIDGE_WT_1 323574	21.62 -0.76 0.00	19.15 -0.74 0.00	14.80 -0.62 0.00	14.37 -0.65 0.00	14.51 -0.68 0.00	15.50 -0.76 0.00	16.68 -0.88 0.00	18.36 -1.01 0.00	23.37 -1.33 0.00	23.32 -1.33 0.00	22.22 -1.29 0.00	22.38 -1.33 0.00	23.23 -1.40 0.00	21.10 -1.27 0.00	21.14 -1.28 0.00	19.46 -1.13 0.00	20.26 -1.18 0.00	20.84 -1.21 0.00	21.94 -1.28 0.00	23.33 -1.44 0.06	23.29 -1.44 0.09	20.08 -1.25 0.17	16.85 -1.02 0.00	13.85 -0.84 0.00

MAPLE_RIDGE_WT_2 323611	21.62 -0.76 0.00	19.15 -0.74 0.00	14.80 -0.62 0.00	14.37 -0.65 0.00	14.51 -0.68 0.00	15.50 -0.76 0.00	16.68 -0.88 0.00	18.36 -1.01 0.00	23.37 -1.33 0.00	23.32 -1.33 0.00	22.22 -1.29 0.00	22.38 -1.33 0.00	23.23 -1.40 0.00	21.10 -1.27 0.00	21.14 -1.28 0.00	19.46 -1.13 0.00	20.26 -1.18 0.00	20.84 -1.21 0.00	21.94 -1.28 0.00	23.33 -1.44 0.06	23.29 -1.44 0.09	20.08 -1.25 0.17	16.85 -1.02 0.00	13.85 -0.84 0.00
MARBLE_RIVER_WT_PWR 323696	21.96 -0.43 0.00	19.53 -0.36 0.00	15.15 -0.26 0.00	14.69 -0.33 0.00	14.84 -0.35 0.00	15.84 -0.42 0.00	17.12 -0.44 0.00	18.83 -0.54 0.00	23.89 -0.81 0.00	23.84 -0.81 0.00	22.54 -0.96 0.00	22.69 -1.02 0.00	23.38 -1.26 0.00	21.19 -1.19 0.00	21.17 -1.26 0.00	19.46 -1.13 0.00	20.26 -1.18 0.00	20.77 -1.28 0.00	21.84 -1.37 0.00	23.07 -1.61 0.16	22.91 -1.69 0.22	19.58 -1.51 0.42	16.63 -1.23 0.00	13.62 -1.07 0.00
MARSHVLE_115KV_TB1 80742	24.38 1.34 -0.65	23.33 1.19 -2.25	23.73 0.89 -7.42	22.65 0.86 -6.77	23.22 0.90 -7.13	23.76 0.96 -6.54	29.93 1.12 -11.25	30.69 1.30 -10.02	30.02 1.78 -3.54	31.47 1.78 -5.04	33.97 1.76 -8.70	31.68 1.71 -6.26	30.11 1.67 -3.80	27.59 1.54 -3.67	25.92 1.59 -1.91	26.19 1.36 -4.24	27.07 1.46 -4.17	35.06 1.57 -11.44	37.15 1.74 -12.19	37.80 1.99 -10.97	39.93 1.99 -13.12	32.74 1.72 -9.52	29.85 1.32 -10.67	28.61 0.98 -12.94
MARSH_HILL_WT_PWR 323713	40.85 -0.16 -18.62	35.65 -0.12 -15.89	22.18 -0.22 -6.98	18.28 -0.32 -3.58	18.50 -0.32 -3.63	19.71 -0.31 -3.76	29.05 -0.05 -11.55	40.52 0.14 -21.01	48.94 0.10 -24.14	49.34 0.15 -24.54	48.07 0.12 -24.44	47.75 0.12 -23.92	48.83 0.12 -24.07	37.65 0.11 -15.16	36.74 0.25 -14.07	24.33 -0.17 -3.90	25.12 -0.15 -3.83	32.87 -0.04 -10.86	35.47 0.16 -12.09	36.63 0.52 -11.27	43.88 0.52 -18.53	31.61 0.32 -9.78	19.45 -0.02 -1.60	16.73 0.10 -1.94
MCINTYRE_115KV_TB2 80467	22.03 -0.36 0.00	19.59 -0.32 -0.02	15.24 -0.23 -0.06	14.80 -0.27 -0.05	14.99 -0.26 -0.05	16.02 -0.29 -0.05	17.35 -0.30 -0.09	19.06 -0.39 -0.08	24.04 -0.69 -0.03	24.00 -0.69 -0.04	22.96 -0.61 -0.07	23.14 -0.62 -0.05	23.95 -0.71 -0.03	21.80 -0.60 -0.03	21.81 -0.63 -0.01	20.03 -0.60 -0.03	20.87 -0.60 -0.03	21.52 -0.62 -0.09	22.77 -0.53 -0.09	24.00 -0.67 0.16	23.95 -0.62 0.25	20.30 -0.60 0.59	17.47 -0.48 -0.08	14.42 -0.37 -0.10
MECO____69_KV_BK1 80468	25.18 2.17 -0.62	23.97 1.93 -2.15	23.93 1.43 -7.08	22.86 1.38 -6.46	23.45 1.46 -6.80	24.08 1.58 -6.24	30.08 1.79 -10.73	30.59 1.67 -9.56	30.33 2.25 -3.37	31.78 2.32 -4.81	34.13 2.33 -8.29	31.93 2.25 -5.97	30.35 2.09 -3.62	27.87 1.99 -3.50	26.33 2.09 -1.82	26.43 1.79 -4.04	27.32 1.91 -3.98	34.99 2.03 -10.92	37.17 2.32 -11.63	37.96 2.66 -10.47	39.97 2.66 -12.49	32.82 2.24 -9.08	29.75 1.72 -10.17	28.53 1.50 -12.35
MENANDS__115KV_TB5 355628	23.81 0.90 -0.53	22.55 0.82 -1.84	22.11 0.62 -6.08	21.18 0.62 -5.55	21.65 0.62 -5.84	22.28 0.67 -5.36	27.51 0.74 -9.21	28.39 0.81 -8.21	28.76 1.16 -2.90	29.97 1.18 -4.13	31.78 1.15 -7.12	30.02 1.19 -5.13	28.95 1.21 -3.11	26.45 1.07 -3.00	25.10 1.12 -1.56	25.03 0.97 -3.47	25.86 1.01 -3.41	32.44 1.01 -9.37	34.29 1.09 -9.99	35.02 1.19 -8.99	36.67 1.17 -10.68	30.29 0.99 -7.79	27.39 0.79 -8.74	25.88 0.59 -10.60
MG INDUSTRY___DRP 24185	23.82 0.92 -0.52	22.51 0.84 -1.79	21.93 0.63 -5.89	21.02 0.63 -5.37	21.49 0.64 -5.66	22.13 0.68 -5.19	27.23 0.75 -8.92	28.15 0.83 -7.95	28.65 1.14 -2.81	29.81 1.16 -4.00	31.53 1.13 -6.90	29.81 1.14 -4.97	28.80 1.16 -3.01	26.32 1.03 -2.91	24.99 1.05 -1.51	24.86 0.91 -3.36	25.71 0.96 -3.31	32.12 0.99 -9.08	33.93 1.04 -9.67	34.69 1.14 -8.70	36.38 1.14 -10.42	30.04 0.99 -7.55	27.11 0.79 -8.46	25.57 0.62 -10.27
MID___OSWEGATCHIE_HYD 23849	21.52 -0.87 -0.01	19.15 -0.78 -0.04	14.95 -0.59 -0.12	14.47 -0.66 -0.11	14.64 -0.67 -0.11	15.65 -0.72 -0.11	16.95 -0.79 -0.18	18.66 -0.87 -0.16	23.50 -1.26 -0.06	23.48 -1.26 -0.08	22.45 -1.20 -0.14	22.60 -1.21 -0.10	23.39 -1.31 -0.06	21.25 -1.19 -0.06	21.24 -1.21 -0.03	19.57 -1.09 -0.07	20.37 -1.14 -0.07	21.09 -1.15 -0.18	22.27 -1.14 -0.20	23.37 -1.24 0.23	23.24 -1.22 0.37	19.47 -1.10 0.94	17.14 -0.89 -0.17	14.16 -0.73 -0.21
MID___RAQUETTE_HYD 23851	21.43 -0.96 -0.01	19.05 -0.86 -0.02	14.83 -0.65 -0.07	14.40 -0.68 -0.06	14.57 -0.68 -0.06	15.57 -0.75 -0.06	16.83 -0.83 -0.10	18.51 -0.95 -0.09	23.33 -1.41 -0.03	23.32 -1.38 -0.04	22.32 -1.27 -0.08	22.48 -1.28 -0.06	23.26 -1.40 -0.03	21.16 -1.25 -0.03	21.18 -1.26 -0.02	19.48 -1.15 -0.04	20.28 -1.20 -0.04	20.89 -1.26 -0.10	22.07 -1.25 -0.11	23.20 -1.47 0.17	23.14 -1.41 0.27	19.59 -1.27 0.65	16.92 -1.04 -0.09	13.98 -0.82 -0.11
MILLIKEN___1 23584	23.24 0.65 -0.21	20.90 0.58 -0.43	16.98 0.42 -1.15	16.44 0.39 -1.03	16.67 0.39 -1.09	17.71 0.46 -1.00	19.90 0.60 -1.75	21.63 0.64 -1.62	26.17 0.79 -0.68	26.37 0.81 -0.90	25.71 0.75 -1.45	25.50 0.71 -1.08	26.09 0.74 -0.71	23.67 0.65 -0.64	23.44 0.65 -0.37	21.81 0.56 -0.66	22.66 0.58 -0.64	24.46 0.64 -1.77	25.83 0.72 -1.89	27.44 0.89 -1.71	27.84 0.89 -2.13	23.73 0.73 -1.49	20.00 0.54 -1.60	17.10 0.47 -1.94
MILLIKEN___2 23585	23.24 0.65 -0.21	20.90 0.58 -0.43	16.98 0.42 -1.15	16.44 0.39 -1.03	16.67 0.39 -1.09	17.71 0.46 -1.00	19.90 0.60 -1.75	21.63 0.64 -1.62	26.17 0.79 -0.68	26.37 0.81 -0.90	25.71 0.75 -1.45	25.50 0.71 -1.08	26.09 0.74 -0.71	23.67 0.65 -0.64	23.44 0.65 -0.37	21.81 0.56 -0.66	22.66 0.58 -0.64	24.46 0.64 -1.77	25.83 0.72 -1.89	27.44 0.89 -1.71	27.84 0.89 -2.13	23.73 0.73 -1.49	20.00 0.54 -1.60	17.10 0.47 -1.94
MILLIKEN___DIESEL 23629	23.24 0.65 -0.21	20.90 0.58 -0.43	16.98 0.42 -1.15	16.44 0.39 -1.03	16.67 0.39 -1.09	17.71 0.46 -1.00	19.90 0.60 -1.75	21.63 0.64 -1.62	26.17 0.79 -0.68	26.37 0.81 -0.90	25.71 0.75 -1.45	25.50 0.71 -1.08	26.09 0.74 -0.71	23.67 0.65 -0.64	23.44 0.65 -0.37	21.81 0.56 -0.66	22.66 0.58 -0.64	24.46 0.64 -1.77	25.83 0.72 -1.89	27.44 0.89 -1.71	27.84 0.89 -2.13	23.73 0.73 -1.49	20.00 0.54 -1.60	17.10 0.47 -1.94
MILLSEAT___LFGE 323607	19.25 -0.38 2.75	17.45 -0.30 2.14	15.09 -0.18 0.14	15.17 -0.15 -0.30	15.36 -0.17 -0.34	16.39 -0.11 -0.25	17.06 -0.16 0.34	17.22 -0.21 1.94	21.08 -0.40 3.23	21.16 -0.40 3.10	20.46 -0.42 2.63	20.40 -0.45 2.85	20.95 -0.49 3.19	20.02 -0.51 1.85	20.11 -0.40 1.91	20.26 -0.27 0.07	21.14 -0.24 0.07	21.57 -0.24 0.24	22.70 -0.21 0.31	24.13 -0.37 0.34	23.25 -0.42 1.15	20.99 -0.21 0.29	18.67 -0.30 -1.11	15.96 -0.07 -1.34
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.91 2.08 -0.45	23.24 1.83 -1.52	21.77 1.36 -5.00	20.87 1.29 -4.56	21.28 1.29 -4.80	22.03 1.37 -4.40	26.61 1.47 -7.58	27.81 1.69 -6.75	29.52 2.42 -2.39	30.42 2.37 -3.40	31.63 2.26 -5.86	30.18 2.25 -4.22	29.64 2.44 -2.57	27.04 2.19 -2.47	25.89 2.17 -1.29	25.47 2.02 -2.85	26.31 2.06 -2.81	31.94 2.18 -7.71	33.75 2.32 -8.22	34.82 2.58 -7.39	36.81 2.61 -9.38	30.09 2.17 -6.41	26.73 1.68 -7.18	24.73 1.32 -8.72

MILLWOOD_13_KV_LOAD 356217	24.96 2.13 -0.45	23.30 1.89 -1.52	21.80 1.39 -5.00	20.90 1.32 -4.56	21.32 1.32 -4.80	22.06 1.40 -4.40	26.64 1.51 -7.58	27.85 1.72 -6.75	29.59 2.50 -2.39	30.50 2.44 -3.40	31.70 2.33 -5.86	30.26 2.32 -4.22	29.71 2.51 -2.57	27.11 2.26 -2.47	25.93 2.22 -1.29	25.51 2.06 -2.85	26.35 2.10 -2.81	32.01 2.25 -7.71	33.80 2.37 -8.22	34.89 2.66 -7.39	36.88 2.68 -9.38	30.13 2.21 -6.41	26.76 1.72 -7.18	24.76 1.35 -8.72
MODEL_CITY_ENERGY 24167	17.11 -1.19 4.09	15.63 -1.01 3.24	14.14 -0.74 0.53	14.52 -0.66 -0.16	14.65 -0.74 -0.20	15.65 -0.70 -0.09	15.78 -0.81 0.97	15.11 -0.99 3.27	18.40 -1.41 4.90	18.52 -1.36 4.78	17.97 -1.32 4.23	17.87 -1.38 4.46	18.38 -1.40 4.85	18.14 -1.37 2.88	18.28 -1.26 2.89	19.26 -1.05 0.29	20.07 -1.09 0.28	20.05 -1.15 0.85	21.07 -1.18 0.96	22.42 -1.47 0.95	21.09 -1.49 2.24	19.51 -1.16 0.83	17.88 -1.18 -1.20	15.44 -0.70 -1.45
MODERN_LFGE_ 323580	17.11 -1.19 4.09	15.63 -1.01 3.24	14.14 -0.74 0.53	14.52 -0.66 -0.16	14.65 -0.74 -0.20	15.65 -0.70 -0.09	15.78 -0.81 0.97	15.11 -0.99 3.27	18.40 -1.41 4.90	18.52 -1.36 4.78	17.97 -1.32 4.23	17.87 -1.38 4.46	18.38 -1.40 4.85	18.14 -1.37 2.88	18.28 -1.26 2.89	19.26 -1.05 0.29	20.07 -1.09 0.28	20.05 -1.15 0.85	21.07 -1.18 0.96	22.42 -1.47 0.95	21.09 -1.49 2.24	19.51 -1.16 0.83	17.88 -1.18 -1.20	15.44 -0.70 -1.45
MOHAWK_PAPER___DRP 24187	24.15 1.23 -0.53	22.83 1.09 -1.84	22.33 0.83 -6.08	21.38 0.81 -5.55	21.87 0.84 -5.84	22.51 0.89 -5.36	27.75 0.98 -9.21	28.66 1.08 -8.21	29.13 1.53 -2.90	30.33 1.55 -4.13	32.11 1.48 -7.12	30.35 1.52 -5.13	29.29 1.55 -3.11	26.75 1.37 -3.00	25.40 1.41 -1.56	25.32 1.26 -3.47	26.16 1.31 -3.41	32.76 1.34 -9.37	34.64 1.44 -9.99	35.39 1.56 -8.99	37.02 1.54 -10.66	30.61 1.31 -7.79	27.64 1.04 -8.74	26.10 0.81 -10.60
MOHICAN__35_KV_115KV_LD 80490	24.44 1.50 -0.55	23.13 1.33 -1.91	22.73 1.02 -6.30	21.74 0.98 -5.74	22.26 1.02 -6.05	22.90 1.09 -5.55	28.36 1.26 -9.54	29.26 1.39 -8.50	29.71 2.00 -3.00	31.02 2.10 -4.27	32.88 2.00 -7.37	31.01 1.99 -5.31	29.85 2.00 -3.22	27.26 1.77 -3.11	25.86 1.82 -1.62	25.69 1.50 -3.59	26.60 1.63 -3.54	33.43 1.68 -9.71	35.39 1.83 -10.35	36.13 1.99 -9.31	37.81 1.96 -11.03	31.27 1.70 -8.07	28.24 1.32 -9.05	26.65 0.98 -10.98
MONGAUP___HYD 23641	24.65 1.86 -0.41	22.96 1.63 -1.44	21.42 1.22 -4.78	20.54 1.16 -4.37	20.94 1.15 -4.60	21.73 1.25 -4.21	26.14 1.33 -7.25	27.33 1.51 -6.45	29.00 2.03 -2.27	29.82 1.92 -3.24	30.92 1.81 -5.60	29.54 1.80 -4.03	29.02 1.95 -2.44	26.66 1.92 -2.36	25.53 1.88 -1.22	25.06 1.73 -2.73	25.91 1.78 -2.69	31.14 1.72 -7.37	32.88 1.81 -7.86	34.02 2.11 -7.07	35.93 2.18 -8.92	29.44 1.81 -6.13	26.27 1.52 -6.88	24.27 1.23 -8.35
MONTAUK___DIESEL 23721	25.96 3.13 -0.45	24.12 2.70 -1.53	22.38 1.94 -5.02	21.43 1.83 -4.58	21.96 1.94 -4.82	22.78 2.10 -4.42	27.48 2.32 -7.60	28.92 2.77 -6.78	30.93 3.83 -2.40	32.09 4.02 -3.41	33.88 3.53 -6.84	36.12 3.58 -8.83	34.77 3.72 -6.42	33.00 3.29 -7.33	32.79 3.34 -7.03	33.51 3.07 -9.84	32.10 3.19 -7.47	34.95 3.46 -9.44	37.47 3.74 -10.51	36.39 4.07 -7.48	44.20 4.10 -15.29	34.51 3.35 -9.66	29.54 2.72 -8.96	25.39 1.95 -8.75
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.19 -1.01 0.19	19.13 -0.84 -0.07	15.51 -0.82 -0.91	14.91 -0.98 -0.87	15.12 -0.99 -0.92	16.04 -1.06 -0.84	18.35 -0.58 -1.37	19.83 -0.60 -1.06	23.94 -0.89 -0.13	24.15 -0.84 -0.33	23.59 -0.75 -0.83	23.48 -0.74 -0.50	24.13 -0.67 -0.17	22.10 -0.56 -0.28	22.07 -0.40 -0.05	20.19 -0.93 -0.52	21.03 -0.92 -0.51	22.59 -0.86 -1.40	24.08 -0.63 -1.49	26.10 -0.07 -1.34	26.27 -0.12 -1.57	22.31 -0.37 -1.17	18.54 -0.77 -1.44	15.90 -0.53 -1.75
MORTIMER_115KV_TB3 55949	21.92 -0.45 0.01	19.65 -0.38 -0.14	15.85 -0.18 -0.63	15.54 -0.06 -0.58	15.74 -0.06 -0.61	16.77 -0.05 -0.56	18.29 -0.21 -0.95	19.90 -0.27 -0.80	24.51 -0.42 -0.22	24.59 -0.42 -0.35	23.76 -0.42 -0.67	23.74 -0.43 -0.46	24.46 -0.42 -0.24	22.24 -0.40 -0.27	22.22 -0.31 -0.11	20.91 -0.04 -0.36	21.77 -0.02 -0.35	22.95 -0.07 -0.96	24.13 -0.12 -1.03	25.42 -0.35 -0.93	25.57 -0.37 -1.12	22.10 -0.22 -0.81	18.80 0.00 -0.93	15.92 0.10 -1.13
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.09 2.26 -0.45	23.42 2.01 -1.53	21.90 1.46 -5.02	20.98 1.38 -4.58	21.41 1.40 -4.82	22.16 1.48 -4.42	26.76 1.60 -7.60	27.97 1.82 -6.78	29.72 2.62 -2.40	30.61 2.54 -3.41	31.79 2.40 -5.88	30.37 2.42 -4.24	29.84 2.64 -2.57	27.21 2.35 -2.48	26.07 2.35 -1.29	25.64 2.18 -2.86	26.47 2.21 -2.82	32.14 2.36 -7.74	33.97 2.51 -8.24	35.04 2.78 -7.42	37.08 2.83 -9.42	30.28 2.34 -6.44	26.88 1.80 -7.21	24.88 1.44 -8.75
MUNSVILLE_WIND_PWR 323609	25.07 1.57 -1.12	22.60 1.39 -1.32	18.33 0.97 -1.95	17.58 0.93 -1.63	17.87 0.97 -1.71	18.87 1.03 -1.59	21.73 1.18 -3.00	24.02 1.41 -3.24	28.53 1.80 -2.02	28.77 1.75 -2.36	28.31 1.67 -3.14	28.01 1.71 -2.59	28.50 1.80 -2.08	25.66 1.70 -1.58	25.27 1.70 -1.15	23.17 1.46 -1.11	24.01 1.48 -1.09	26.66 1.61 -3.00	28.23 1.79 -3.23	29.85 2.09 -2.93	30.74 2.09 -3.83	25.69 1.66 -2.54	21.49 1.27 -2.35	18.61 1.07 -2.85
N SALMON___HYD 24042	21.96 -0.43 0.00	19.51 -0.38 0.00	15.15 -0.26 0.00	14.67 -0.34 0.00	14.83 -0.36 0.00	15.84 -0.42 0.00	17.12 -0.44 0.00	18.87 -0.50 0.00	23.91 -0.79 0.00	23.89 -0.76 0.00	22.64 -0.87 0.00	22.81 -0.90 0.00	23.52 -1.11 0.00	21.35 -1.03 0.00	21.35 -1.08 0.00	19.61 -0.99 0.00	20.43 -1.01 0.00	20.92 -1.12 0.00	22.05 -1.16 0.00	23.26 -1.39 0.19	23.14 -1.41 0.27	19.71 -1.29 0.51	16.79 -1.07 0.00	13.79 -0.90 0.00
N.AKRON__115KV_KNAPP 355671	21.66 -0.63 0.09	19.46 -0.52 -0.09	15.72 -0.35 -0.66	15.35 -0.32 -0.64	15.52 -0.35 -0.68	16.59 -0.29 -0.62	18.29 -0.30 -1.03	19.76 -0.45 -0.83	24.14 -0.72 -0.15	24.27 -0.69 -0.30	23.48 -0.71 -0.67	23.40 -0.74 -0.43	24.02 -0.79 -0.18	21.86 -0.76 -0.24	21.82 -0.67 -0.07	20.44 -0.54 -0.38	21.28 -0.54 -0.37	22.54 -0.53 -1.02	23.80 -0.53 -1.12	25.13 -0.72 -1.01	25.28 -0.74 -1.21	21.83 -0.56 -0.89	18.35 -0.59 -1.07	15.73 -0.26 -1.30
N.BELMOR_69_KV_BK1 55787	25.47 2.64 -0.45	23.70 2.29 -1.53	22.07 1.63 -5.02	21.13 1.53 -4.58	21.59 1.58 -4.82	22.37 1.69 -4.42	27.01 1.84 -7.60	28.30 2.15 -6.78	30.17 3.06 -2.40	31.20 3.13 -3.41	33.20 2.84 -6.84	35.38 2.85 -8.83	34.11 3.05 -6.42	32.49 2.77 -7.33	32.21 2.76 -7.03	32.95 2.51 -9.84	31.53 2.62 -7.47	34.25 2.76 -9.44	36.65 2.93 -10.51	35.57 3.25 -7.48	43.39 3.28 -15.29	33.89 2.73 -9.66	29.02 2.20 -8.96	25.08 1.65 -8.75
N.E._GEN_SANDY PD 24062	24.25 1.39 -0.48	22.80 1.23 -1.68	21.93 0.96 -5.56	21.01 0.92 -5.07	21.46 0.93 -5.34	22.15 0.99 -4.90	27.07 1.09 -8.42	28.05 1.18 -7.50	29.05 1.70 -2.64	30.10 1.68 -3.76	31.61 1.60 -6.50	30.00 1.61 -4.68	29.14 1.68 -2.83	26.66 1.54 -2.74	25.39 1.55 -1.42	25.19 1.42 -3.17	26.02 1.46 -3.12	32.12 1.50 -8.57	33.95 1.60 -9.13	34.77 1.71 -8.22	35.35 1.71 -8.82	30.07 1.44 -7.13	27.04 1.18 -7.99	25.30 0.91 -9.70

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.88 2.06 -0.44	23.22 1.83 -1.50	21.70 1.34 -4.94	20.80 1.28 -4.51	21.21 1.28 -4.75	21.98 1.37 -4.35	26.52 1.47 -7.49	27.69 1.65 -6.68	29.44 2.37 -2.36	30.36 2.34 -3.36	31.51 2.21 -5.80	30.09 2.21 -4.17	29.56 2.39 -2.54	26.97 2.15 -2.45	25.85 2.15 -1.27	25.40 1.98 -2.82	26.25 2.04 -2.78	31.81 2.14 -7.62	33.59 2.25 -8.12	34.71 2.56 -7.31	36.69 2.61 -9.26	30.01 2.17 -6.34	26.63 1.66 -7.10	24.63 1.32 -8.62
N. QUEENS_27_KV_LOAD 356247	25.26 2.42 -0.46	23.59 2.17 -1.53	22.03 1.59 -5.03	21.12 1.52 -4.59	21.55 1.53 -4.83	22.33 1.64 -4.43	26.91 1.74 -7.61	28.13 1.98 -6.79	29.90 2.79 -2.41	30.84 2.76 -3.42	31.99 2.59 -5.89	30.54 2.58 -4.25	30.00 2.78 -2.58	27.37 2.51 -2.49	26.21 2.49 -1.30	25.80 2.33 -2.87	26.62 2.36 -2.83	32.31 2.51 -7.74	34.11 2.65 -8.25	35.20 2.93 -7.43	37.23 2.98 -9.43	30.46 2.52 -6.44	27.01 1.93 -7.22	25.00 1.56 -8.76
N. TROY___115KV_TB1 355778	24.09 1.16 -0.54	22.79 1.03 -1.87	22.37 0.80 -6.15	21.40 0.77 -5.61	21.89 0.79 -5.91	22.53 0.85 -5.42	27.81 0.93 -9.32	28.70 1.03 -8.30	29.09 1.46 -2.93	30.31 1.48 -4.17	32.12 1.41 -7.20	30.34 1.45 -5.19	29.23 1.45 -3.15	26.74 1.32 -3.04	25.35 1.35 -1.58	25.30 1.19 -3.51	26.14 1.24 -3.45	32.79 1.26 -9.48	34.69 1.37 -10.11	35.40 1.47 -9.09	36.99 1.44 -10.73	30.61 1.23 -7.89	27.71 1.00 -8.84	26.18 0.76 -10.73
NARROWS_GT1_1 24228	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_2 24229	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_3 24230	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_4 24231	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_5 24232	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_6 24233	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_7 24234	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT1_8 24235	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_1 24236	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_2 24237	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_3 24238	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_4 24239	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76

NARROWS_GT2_5 24240	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_6 24241	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_7 24242	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NARROWS_GT2_8 24243	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.72 0.83 -0.50	22.36 0.74 -1.73	21.70 0.57 -5.72	20.80 0.57 -5.21	21.26 0.58 -5.49	21.93 0.63 -5.03	26.97 0.75 -8.66	27.96 0.87 -7.72	28.67 1.24 -2.72	29.84 1.31 -3.88	31.43 1.22 -6.70	29.72 1.19 -4.82	28.72 1.16 -2.93	26.25 1.05 -2.82	24.97 1.08 -1.47	24.74 0.89 -3.26	25.63 0.99 -3.21	31.81 0.95 -8.81	33.63 1.02 -9.39	34.46 1.17 -8.45	36.23 1.24 -10.17	29.90 1.08 -7.33	26.90 0.82 -8.21	25.24 0.59 -9.97
NCHELSEA_115KV_TR2 355582	24.89 2.06 -0.45	23.23 1.81 -1.53	21.83 1.37 -5.05	20.91 1.29 -4.60	21.33 1.29 -4.85	22.09 1.38 -4.44	26.71 1.51 -7.65	27.87 1.69 -6.82	29.56 2.45 -2.41	30.53 2.44 -3.43	31.73 2.30 -5.91	30.22 2.25 -4.26	29.63 2.41 -2.59	27.07 2.19 -2.50	25.90 2.17 -1.30	25.47 2.00 -2.88	26.33 2.06 -2.83	31.94 2.12 -7.78	33.76 2.25 -8.29	34.86 2.56 -7.46	36.84 2.63 -9.38	30.19 2.21 -6.47	26.81 1.70 -7.25	24.84 1.35 -8.80
NEG CAPITAL___MECHNVIL 23645	24.36 1.43 -0.54	23.05 1.27 -1.89	22.65 0.97 -6.27	21.67 0.93 -5.72	22.19 0.97 -6.02	22.82 1.04 -5.52	28.23 1.18 -9.49	29.12 1.30 -8.45	29.51 1.83 -2.97	30.77 1.87 -4.24	32.65 1.81 -7.33	30.83 1.85 -5.27	29.67 1.85 -3.19	27.12 1.66 -3.09	25.73 1.70 -1.60	25.66 1.48 -3.58	26.50 1.54 -3.52	33.28 1.57 -9.66	35.20 1.69 -10.30	35.94 1.84 -9.26	37.58 1.81 -10.95	31.08 1.55 -8.03	28.11 1.23 -9.01	26.56 0.94 -10.93
NEG CENTRAL_HIGH_ACRES 23767	22.13 -0.31 -0.06	19.83 -0.26 -0.20	15.93 -0.14 -0.66	15.59 -0.03 -0.60	15.80 -0.02 -0.63	16.84 0.00 -0.58	18.41 -0.14 -0.99	20.06 -0.19 -0.88	24.72 -0.30 -0.31	24.80 -0.29 -0.44	23.97 -0.31 -0.77	23.95 -0.31 -0.55	24.64 -0.32 -0.33	22.41 -0.29 -0.32	22.34 -0.25 -0.17	20.93 -0.04 -0.37	21.79 -0.02 -0.37	23.01 -0.04 -1.01	24.22 -0.07 -1.08	25.56 -0.25 -0.97	25.69 -0.30 -1.17	22.19 -0.15 -0.84	18.81 0.00 -0.94	15.94 0.10 -1.14
NEG CENTRAL___DRP 24199	22.76 0.18 -0.20	20.37 0.16 -0.33	16.26 0.11 -0.74	15.78 0.11 -0.66	15.99 0.11 -0.69	17.04 0.15 -0.64	18.95 0.26 -1.13	20.75 0.29 -1.09	25.48 0.27 -0.51	25.62 0.32 -0.65	24.78 0.28 -0.99	24.73 0.26 -0.76	25.43 0.27 -0.53	23.08 0.25 -0.45	22.97 0.27 -0.28	21.23 0.21 -0.42	22.09 0.24 -0.42	23.46 0.26 -1.14	24.76 0.33 -1.22	26.40 0.45 -1.11	26.64 0.42 -1.40	22.82 0.34 -0.97	19.10 0.23 -1.00	16.14 0.24 -1.22
NEG CENTRAL___INDECK 23768	40.92 -0.54 -19.07	35.64 -0.48 -16.22	22.01 -0.35 -6.95	18.17 -0.33 -3.49	18.38 -0.33 -3.53	19.63 -0.31 -3.67	28.95 -0.14 -11.53	40.56 -0.08 -21.27	49.09 -0.27 -24.65	49.40 -0.27 -25.02	47.95 -0.38 -24.82	47.71 -0.35 -24.36	48.81 -0.40 -24.58	37.46 -0.36 -15.45	37.09 0.29 -14.38	24.67 0.18 -3.88	25.49 0.24 -3.82	33.25 0.37 -10.83	35.84 0.56 -12.07	36.74 0.64 -11.25	44.07 0.64 -18.60	31.87 0.60 -9.77	19.64 0.43 -1.35	16.77 0.44 -1.64
NEG CENTRAL___SENECA 23627	22.98 0.31 -0.29	20.58 0.28 -0.41	16.43 0.18 -0.83	15.92 0.18 -0.72	16.13 0.18 -0.76	17.19 0.23 -0.70	19.21 0.39 -1.27	21.01 0.39 -1.26	25.74 0.40 -0.64	25.87 0.42 -0.80	25.07 0.40 -1.17	25.00 0.38 -0.91	25.67 0.37 -0.67	23.26 0.34 -0.55	23.16 0.38 -0.36	21.34 0.27 -0.47	22.21 0.30 -0.47	23.68 0.35 -1.28	25.03 0.44 -1.37	26.70 0.62 -1.24	26.98 0.57 -1.58	23.06 0.47 -1.09	19.26 0.30 -1.09	16.35 0.34 -1.33
NEG CENTRAL___STATE_STREET 24147	22.65 0.18 -0.09	20.26 0.14 -0.23	16.21 0.11 -0.69	15.78 0.14 -0.63	15.97 0.12 -0.66	17.03 0.16 -0.61	18.85 0.25 -1.05	20.79 0.46 -0.95	25.64 0.57 -0.37	25.75 0.59 -0.50	24.86 0.52 -0.84	24.82 0.50 -0.61	25.56 0.54 -0.39	23.23 0.49 -0.36	23.14 0.52 -0.20	21.44 0.45 -0.40	22.30 0.47 -0.39	23.64 0.53 -1.07	24.91 0.56 -1.14	26.49 0.62 -1.03	26.72 0.62 -1.27	22.95 0.54 -0.91	19.26 0.41 -0.98	16.11 0.24 -1.19
NEG MILLWOOD___DRP 24198	24.98 2.15 -0.45	23.32 1.89 -1.54	21.92 1.43 -5.07	21.01 1.37 -4.62	21.41 1.35 -4.87	22.16 1.43 -4.47	26.80 1.56 -7.68	28.00 1.78 -6.85	29.72 2.59 -2.42	30.69 2.59 -3.45	31.92 2.47 -5.94	30.41 2.42 -4.28	29.84 2.61 -2.60	27.23 2.35 -2.51	26.01 2.29 -1.31	25.61 2.12 -2.89	26.45 2.17 -2.85	32.16 2.29 -7.82	33.96 2.41 -8.33	35.02 2.68 -7.50	37.05 2.76 -9.47	30.28 2.28 -6.50	26.90 1.75 -7.28	24.92 1.40 -8.84
NEG NORTH_FLCN_SEA 23793	22.14 -0.25 0.00	19.70 -0.20 -0.01	15.30 -0.14 -0.03	14.83 -0.21 -0.03	14.97 -0.24 -0.03	15.98 -0.31 -0.03	17.23 -0.37 -0.04	19.04 -0.37 -0.04	24.13 -0.59 -0.01	24.08 -0.59 -0.02	22.77 -0.78 -0.03	22.90 -0.83 -0.02	23.56 -1.08 -0.01	21.36 -1.03 -0.01	21.35 -1.08 -0.01	19.62 -0.99 -0.02	20.45 -1.01 -0.02	20.97 -1.12 -0.04	22.06 -1.21 -0.05	23.24 -1.47 0.13	23.11 -1.51 0.20	19.70 -1.35 0.44	16.78 -1.13 -0.04	13.77 -0.97 -0.05
NEG NORTH_KES_CHATEGAY 23792	21.98 -0.40 0.00	19.56 -0.34 -0.01	15.20 -0.25 -0.03	14.74 -0.30 -0.03	14.88 -0.33 -0.03	15.88 -0.41 -0.03	17.11 -0.49 -0.04	18.89 -0.52 -0.04	23.95 -0.77 -0.01	23.91 -0.76 -0.02	22.63 -0.92 -0.03	22.74 -1.00 -0.02	23.41 -1.23 -0.01	21.25 -1.14 -0.01	21.22 -1.21 -0.01	19.50 -1.11 -0.02	20.32 -1.14 -0.02	20.86 -1.23 -0.05	21.96 -1.30 -0.05	23.13 -1.56 0.14	23.00 -1.61 0.21	19.62 -1.42 0.46	16.73 -1.18 -0.04	13.74 -1.00 -0.05

NEG NORTH___ALICE_FALLS 23915	22.16 -0.22 0.00	19.70 -0.20 -0.01	15.32 -0.12 -0.03	14.82 -0.23 -0.03	14.97 -0.24 -0.03	15.98 -0.31 -0.03	17.25 -0.35 -0.04	19.06 -0.35 -0.04	24.13 -0.59 -0.01	24.11 -0.57 -0.02	22.79 -0.75 -0.03	22.93 -0.81 -0.02	23.59 -1.06 -0.01	21.39 -1.01 -0.01	21.38 -1.05 -0.01	19.64 -0.97 -0.02	20.45 -1.01 -0.02	20.99 -1.10 -0.04	22.10 -1.16 -0.05	23.29 -1.42 0.14	23.13 -1.49 0.21	19.72 -1.33 0.45	16.80 -1.11 -0.04	13.78 -0.95 -0.05
NEG NORTH___LWR_SARANAC 23913	22.16 -0.22 0.00	19.70 -0.20 -0.01	15.32 -0.12 -0.03	14.82 -0.23 -0.03	14.97 -0.24 -0.03	15.98 -0.31 -0.03	17.25 -0.35 -0.04	19.06 -0.35 -0.04	24.13 -0.59 -0.01	24.11 -0.57 -0.02	22.79 -0.75 -0.03	22.93 -0.81 -0.02	23.59 -1.06 -0.01	21.39 -1.01 -0.01	21.38 -1.05 -0.01	19.64 -0.97 -0.02	20.45 -1.01 -0.02	20.99 -1.10 -0.04	22.10 -1.16 -0.05	23.29 -1.42 0.14	23.13 -1.49 0.21	19.72 -1.33 0.45	16.80 -1.11 -0.04	13.78 -0.95 -0.05
NEG NORTH___PLATTSBURG 23628	22.16 -0.22 0.00	19.69 -0.20 0.00	15.29 -0.12 0.00	14.79 -0.22 0.00	14.95 -0.24 0.00	15.97 -0.29 0.00	17.28 -0.28 0.00	19.02 -0.35 0.00	24.11 -0.59 0.00	24.09 -0.57 0.00	22.76 -0.75 0.00	22.90 -0.81 0.00	23.57 -1.06 0.00	21.37 -1.01 0.00	21.37 -1.05 0.00	19.63 -0.97 0.00	20.43 -1.01 0.00	20.95 -1.10 0.00	22.05 -1.16 0.00	23.27 -1.41 0.16	23.13 -1.46 0.23	19.74 -1.33 0.43	16.76 -1.11 0.00	13.73 -0.95 0.00
NEG WEST_LEA_LOCKPORT 23791	21.19 -1.07 0.12	19.05 -0.91 -0.07	15.42 -0.66 -0.67	15.06 -0.62 -0.66	15.22 -0.67 -0.70	16.26 -0.63 -0.63	17.98 -0.63 -1.05	19.35 -0.85 -0.84	23.60 -1.24 -0.13	23.75 -1.18 -0.28	23.02 -1.15 -0.67	22.92 -1.21 -0.42	23.53 -1.26 -0.16	21.42 -1.19 -0.23	21.38 -1.10 -0.05	20.01 -0.97 -0.38	20.81 -1.01 -0.38	22.05 -1.04 -1.03	23.29 -1.07 -1.15	24.60 -1.27 -1.03	24.78 -1.27 -1.23	21.35 -1.05 -0.90	17.99 -0.98 -1.11	15.48 -0.56 -1.35
NEG WEST___LANCASTR 23811	22.31 0.27 0.34	20.09 0.28 0.08	15.82 -0.34 -0.74	14.83 -0.93 -0.75	15.02 -0.96 -0.79	15.97 -1.01 -0.71	19.01 0.33 -1.12	20.49 0.37 -0.76	24.94 0.35 0.11	25.12 0.39 -0.07	24.38 0.35 -0.52	24.25 0.31 -0.23	24.90 0.34 0.07	22.75 0.27 -0.11	22.72 0.38 0.08	19.79 -1.24 -0.43	20.53 -1.33 -0.42	21.98 -1.21 -1.14	23.65 -0.79 -1.22	26.38 0.45 -1.09	26.48 0.42 -1.24	22.24 -0.22 -0.96	18.00 -1.14 -1.27	15.47 -0.76 -1.55
NEG_PENN_ALLEGHNY 23528	23.11 0.58 -0.15	20.92 0.52 -0.52	17.45 0.32 -1.71	16.83 0.26 -1.56	17.09 0.26 -1.64	18.04 0.28 -1.50	20.57 0.42 -2.59	22.23 0.56 -2.30	26.23 0.72 -0.81	26.53 0.72 -1.16	26.19 0.68 -2.00	25.83 0.69 -1.44	26.24 0.74 -0.87	23.87 0.65 -0.84	23.53 0.67 -0.44	21.98 0.41 -0.97	22.83 0.43 -0.96	25.14 0.46 -2.63	26.58 0.56 -2.81	28.18 0.82 -2.52	28.73 0.82 -3.09	24.29 0.60 -2.19	20.68 0.36 -2.46	17.99 0.32 -2.98
NEG___GEN_MONROE 24207	21.84 -0.51 0.02	19.56 -0.46 -0.13	15.83 -0.22 -0.63	15.52 -0.09 -0.59	15.74 -0.08 -0.62	16.78 -0.05 -0.57	18.31 -0.21 -0.96	19.89 -0.29 -0.81	24.45 -0.47 -0.21	24.53 -0.47 -0.34	23.69 -0.49 -0.67	23.64 -0.52 -0.46	24.35 -0.52 -0.23	22.17 -0.47 -0.26	22.13 -0.40 -0.11	20.81 -0.14 -0.36	21.62 -0.17 -0.35	22.80 -0.22 -0.97	24.02 -0.23 -1.04	25.36 -0.42 -0.94	25.51 -0.45 -1.13	22.05 -0.28 -0.82	18.71 -0.11 -0.95	15.90 0.06 -1.16
NEPA___ENERGY 23901	21.32 -0.74 0.33	19.23 -0.60 0.06	15.61 -0.59 -0.78	15.09 -0.71 -0.78	15.30 -0.71 -0.82	16.26 -0.75 -0.75	18.36 -0.37 -1.17	19.77 -0.41 -0.81	23.96 -0.67 0.08	24.14 -0.62 -0.10	23.51 -0.56 -0.57	23.39 -0.59 -0.27	23.99 -0.59 0.05	21.97 -0.54 -0.13	21.95 -0.40 0.07	20.24 -0.80 -0.45	21.07 -0.81 -0.44	22.46 -0.79 -1.21	23.85 -0.65 -1.28	25.69 -0.30 -1.15	25.78 -0.35 -1.31	22.03 -0.47 -1.01	18.47 -0.71 -1.32	15.85 -0.44 -1.60
NEVERSINK___HYD 23608	25.01 2.22 -0.41	23.28 1.95 -1.44	21.64 1.45 -4.78	20.76 1.38 -4.36	21.15 1.37 -4.60	21.94 1.46 -4.21	26.29 1.49 -7.24	27.50 1.68 -6.45	29.40 2.42 -2.27	30.28 2.39 -3.24	31.31 2.21 -5.59	29.96 2.23 -4.02	29.48 2.42 -2.44	26.93 2.19 -2.36	25.78 2.13 -1.22	25.30 1.98 -2.73	26.16 2.04 -2.69	31.52 2.10 -7.37	33.30 2.23 -7.85	34.49 2.58 -7.07	36.34 2.71 -8.81	29.84 2.22 -6.13	26.44 1.70 -6.88	24.52 1.48 -8.34
NEWKRMKL_115KV_TB1 55635	23.72 0.81 -0.53	22.46 0.74 -1.84	22.03 0.55 -6.06	21.10 0.56 -5.53	21.58 0.56 -5.82	22.20 0.60 -5.34	27.41 0.67 -9.18	28.27 0.72 -8.18	28.66 1.06 -2.89	29.85 1.08 -4.11	31.64 1.03 -7.10	29.89 1.07 -5.11	28.84 1.11 -3.10	26.33 0.96 -2.99	24.99 1.01 -1.56	24.92 0.87 -3.46	25.77 0.92 -3.40	32.32 0.93 -9.35	34.15 0.98 -9.96	34.87 1.07 -8.96	36.52 1.04 -10.66	30.15 0.88 -7.77	27.29 0.71 -8.71	25.79 0.53 -10.57
NEWTON___FALLS_HYD 23847	21.52 -0.87 -0.01	19.15 -0.78 -0.04	14.95 -0.59 -0.12	14.47 -0.66 -0.11	14.64 -0.67 -0.11	15.65 -0.72 -0.11	16.95 -0.79 -0.18	18.66 -0.87 -0.16	23.50 -1.26 -0.06	23.48 -1.26 -0.08	22.45 -1.20 -0.14	22.60 -1.21 -0.10	23.39 -1.31 -0.06	21.25 -1.19 -0.06	21.24 -1.21 -0.03	19.57 -1.09 -0.07	20.37 -1.14 -0.07	21.09 -1.15 -0.18	22.27 -1.14 -0.20	23.37 -1.24 0.23	23.24 -1.22 0.37	19.47 -1.10 0.94	17.14 -0.89 -0.17	14.16 -0.73 -0.21
NGRID_A1_DSASP 323792	16.72 -1.32 4.35	15.30 -1.13 3.46	14.03 -0.82 0.56	14.28 -0.89 -0.15	14.41 -0.97 -0.19	15.54 -0.80 -0.08	15.56 -0.91 1.08	14.78 -1.07 3.53	17.96 -1.51 5.24	18.09 -1.45 5.11	17.56 -1.41 4.54	17.46 -1.47 4.78	17.95 -1.50 5.18	17.90 -1.41 3.07	18.05 -1.30 3.08	19.16 -1.13 0.30	19.97 -1.18 0.30	19.92 -1.23 0.89	20.82 -1.32 1.07	22.22 -1.56 1.06	20.78 -1.59 2.45	19.31 -1.27 0.92	17.82 -1.25 -1.20	15.37 -0.78 -1.46
NGRID_A2_DSASP 323793	16.72 -1.32 4.35	15.30 -1.13 3.46	14.03 -0.82 0.56	14.28 -0.89 -0.15	14.41 -0.97 -0.19	15.54 -0.80 -0.08	15.56 -0.91 1.08	14.78 -1.07 3.53	17.96 -1.51 5.24	18.09 -1.45 5.11	17.56 -1.41 4.54	17.46 -1.47 4.78	17.95 -1.50 5.18	17.90 -1.41 3.07	18.05 -1.30 3.08	19.16 -1.13 0.30	19.97 -1.18 0.30	19.92 -1.23 0.89	20.82 -1.32 1.07	22.22 -1.56 1.06	20.78 -1.59 2.45	19.31 -1.27 0.92	17.82 -1.25 -1.20	15.37 -0.78 -1.46
NGRID_A4_DSASP 323807	16.72 -1.32 4.35	15.30 -1.13 3.46	14.03 -0.82 0.56	14.28 -0.89 -0.15	14.41 -0.97 -0.19	15.54 -0.80 -0.08	15.56 -0.91 1.08	14.78 -1.07 3.53	17.96 -1.51 5.24	18.09 -1.45 5.11	17.56 -1.41 4.54	17.46 -1.47 4.78	17.95 -1.50 5.18	17.90 -1.41 3.07	18.05 -1.30 3.08	19.16 -1.13 0.30	19.97 -1.18 0.30	19.92 -1.23 0.89	20.82 -1.32 1.07	22.22 -1.56 1.06	20.78 -1.59 2.45	19.31 -1.27 0.92	17.82 -1.25 -1.20	15.37 -0.78 -1.46
NIAGARA_115E_LBMP 323715	16.95 -1.27 4.16	15.49 -1.09 3.31	14.07 -0.79 0.56	14.47 -0.71 -0.15	14.60 -0.79 -0.20	15.61 -0.73 -0.08	15.69 -0.86 1.01	14.96 -1.07 3.34	18.20 -1.51 5.00	18.33 -1.45 4.87	17.78 -1.41 4.32	17.69 -1.47 4.55	18.16 -1.53 4.95	17.99 -1.45 2.94	18.13 -1.34 2.94	19.16 -1.13 0.30	19.99 -1.16 0.29	19.94 -1.21 0.89	20.94 -1.28 0.99	22.26 -1.59 0.98	20.91 -1.61 2.30	19.40 -1.25 0.86	17.79 -1.29 -1.21	15.37 -0.78 -1.47

NIAGARA_115W_LBMP 323714	16.71 -1.34 4.33	15.29 -1.15 3.44	14.03 -0.83 0.56	14.26 -0.92 -0.15	14.38 -1.00 -0.20	15.53 -0.81 -0.08	15.57 -0.91 1.08	14.78 -1.08 3.51	17.96 -1.53 5.21	18.09 -1.48 5.08	17.55 -1.43 4.52	17.48 -1.47 4.76	17.95 -1.53 5.16	17.89 -1.43 3.06	18.04 -1.32 3.06	19.15 -1.15 0.30	19.97 -1.18 0.29	19.91 -1.26 0.88	20.80 -1.35 1.06	22.20 -1.59 1.05	20.80 -1.59 2.44	19.30 -1.29 0.91	17.78 -1.29 -1.20	15.33 -0.82 -1.46
NIAGARA_230_LBMP 323716	16.94 -1.30 4.14	15.49 -1.11 3.29	14.10 -0.82 0.50	14.46 -0.74 -0.17	14.65 -0.76 -0.22	15.60 -0.76 -0.10	15.67 -0.89 0.99	15.00 -1.05 3.32	18.24 -1.48 4.98	18.37 -1.43 4.85	17.82 -1.39 4.30	17.73 -1.45 4.53	18.23 -1.48 4.93	18.07 -1.39 2.92	18.20 -1.30 2.92	19.18 -1.15 0.27	20.00 -1.18 0.26	20.00 -1.26 0.79	20.92 -1.32 0.97	22.33 -1.54 0.96	21.00 -1.54 2.28	19.42 -1.25 0.84	18.07 -0.98 -1.19	15.54 -0.59 -1.44
NIAGARA__115KV_198_GIBSON 55903	20.73 -1.34 0.31	18.66 -1.15 0.08	15.26 -0.83 -0.68	14.78 -0.92 -0.68	14.90 -1.00 -0.72	16.16 -0.75 -0.65	17.72 -0.84 -1.01	18.96 -1.08 -0.68	23.07 -1.53 0.10	23.23 -1.48 -0.05	22.54 -1.43 -0.46	22.44 -1.47 -0.20	23.03 -1.53 0.07	21.04 -1.43 -0.09	21.00 -1.35 0.08	19.83 -1.15 -0.39	20.65 -1.18 -0.38	21.84 -1.26 -1.05	22.97 -1.35 -1.10	24.26 -1.56 -0.99	24.38 -1.56 -1.12	21.06 -1.31 -0.87	17.73 -1.29 -1.15	15.26 -0.82 -1.39
NIAGARA____ 23760	16.94 -1.30 4.14	15.49 -1.11 3.29	14.10 -0.82 0.50	14.39 -0.80 -0.17	14.50 -0.90 -0.20	15.60 -0.76 -0.10	15.67 -0.89 0.99	15.00 -1.05 3.32	18.24 -1.48 4.98	18.37 -1.43 4.85	17.82 -1.39 4.30	17.73 -1.45 4.54	18.23 -1.48 4.93	18.05 -1.41 2.92	18.19 -1.30 2.93	19.18 -1.15 0.27	20.00 -1.18 0.26	20.00 -1.26 0.79	20.92 -1.32 0.97	22.33 -1.54 0.97	21.00 -1.54 2.29	19.41 -1.25 0.84	17.84 -1.23 -1.20	15.36 -0.79 -1.46
NINE_MILE_1 23575	21.94 -0.47 -0.03	19.58 -0.42 -0.11	15.45 -0.32 -0.36	15.04 -0.30 -0.33	15.23 -0.30 -0.34	16.27 -0.31 -0.31	17.73 -0.37 -0.54	19.44 -0.41 -0.48	24.31 -0.57 -0.17	24.33 -0.57 -0.24	23.39 -0.54 -0.42	23.47 -0.54 -0.30	24.25 -0.57 -0.18	22.04 -0.51 -0.18	22.02 -0.49 -0.09	20.37 -0.43 -0.20	21.19 -0.45 -0.20	22.13 -0.46 -0.55	23.31 -0.49 -0.59	24.82 -0.55 -0.53	24.91 -0.55 -0.64	21.51 -0.45 -0.46	18.04 -0.34 -0.51	15.06 -0.25 -0.62
NINE_MILE_2 23744	21.94 -0.47 -0.03	19.58 -0.42 -0.11	15.45 -0.32 -0.36	15.04 -0.30 -0.33	15.23 -0.30 -0.34	16.27 -0.31 -0.31	17.73 -0.37 -0.54	19.46 -0.39 -0.48	24.31 -0.57 -0.17	24.33 -0.57 -0.24	23.39 -0.54 -0.42	23.47 -0.54 -0.30	24.27 -0.54 -0.18	22.04 -0.51 -0.18	22.02 -0.49 -0.09	20.37 -0.43 -0.20	21.19 -0.45 -0.20	22.13 -0.46 -0.55	23.31 -0.49 -0.59	24.82 -0.55 -0.53	24.91 -0.55 -0.63	21.53 -0.43 -0.46	18.06 -0.32 -0.51	15.06 -0.25 -0.62
NM_CAPITAL____DRP 24208	23.79 0.87 -0.53	22.52 0.80 -1.83	22.06 0.60 -6.04	21.13 0.60 -5.51	21.60 0.61 -5.80	22.23 0.65 -5.32	27.43 0.72 -9.15	28.30 0.77 -8.15	28.72 1.14 -2.88	29.91 1.16 -4.10	31.71 1.13 -7.07	29.96 1.16 -5.09	28.91 1.18 -3.09	26.41 1.05 -2.98	25.05 1.08 -1.55	24.99 0.95 -3.45	25.82 0.99 -3.39	32.35 0.99 -9.31	34.21 1.07 -9.92	34.91 1.14 -8.93	36.55 1.12 -10.61	30.21 0.97 -7.74	27.31 0.77 -8.68	25.79 0.57 -10.53
NM_CENTRAL____DRP 24181	22.44 -0.02 -0.08	20.05 -0.02 -0.19	15.93 -0.02 -0.53	15.50 0.00 -0.48	15.69 0.00 -0.50	16.74 0.02 -0.46	18.40 0.04 -0.80	20.12 0.02 -0.74	24.97 -0.02 -0.29	25.05 0.00 -0.39	24.13 -0.02 -0.65	24.19 0.00 -0.48	24.96 0.02 -0.31	22.66 0.00 -0.28	22.58 0.00 -0.16	20.90 0.00 -0.30	21.74 0.00 -0.30	22.89 0.02 -0.82	24.09 0.00 -0.87	25.66 0.02 -0.79	25.83 0.02 -0.98	22.23 0.02 -0.70	18.65 0.04 -0.75	15.65 0.06 -0.91
NM_FRONTIER____DRP 24179	20.73 -1.34 0.31	18.66 -1.15 0.08	15.26 -0.83 -0.68	14.78 -0.92 -0.68	14.90 -1.00 -0.72	16.16 -0.75 -0.65	17.72 -0.84 -1.01	18.96 -1.08 -0.68	23.07 -1.53 0.10	23.23 -1.48 -0.05	22.54 -1.43 -0.46	22.44 -1.47 -0.20	23.03 -1.53 0.07	21.04 -1.43 -0.09	21.00 -1.35 0.08	19.83 -1.15 -0.39	20.65 -1.18 -0.38	21.84 -1.26 -1.05	22.97 -1.35 -1.10	24.26 -1.56 -0.99	24.38 -1.56 -1.12	21.06 -1.31 -0.87	17.73 -1.29 -1.15	15.26 -0.82 -1.39
NM_ST_REGIS____HYD 24053	21.52 -0.87 -0.01	19.15 -0.76 -0.02	14.90 -0.57 -0.06	14.46 -0.62 -0.05	14.63 -0.62 -0.06	15.63 -0.68 -0.05	16.89 -0.75 -0.09	18.60 -0.85 -0.08	23.45 -1.28 -0.03	23.46 -1.23 -0.04	22.38 -1.20 -0.07	22.55 -1.21 -0.05	23.31 -1.35 -0.03	21.18 -1.23 -0.03	21.18 -1.26 -0.02	19.50 -1.13 -0.03	20.29 -1.18 -0.03	20.88 -1.26 -0.09	22.06 -1.25 -0.10	23.21 -1.47 0.17	23.10 -1.46 0.26	19.57 -1.31 0.62	16.88 -1.07 0.26	13.93 -0.87 -0.11
NORTHPORT____1 23551	25.45 2.64 -0.43	23.66 2.27 -1.51	22.03 1.62 -5.00	21.12 1.53 -4.57	21.58 1.58 -4.81	22.41 1.74 -4.41	27.05 1.91 -7.58	28.30 2.19 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.15 2.82 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.36 2.66 -7.32	32.11 2.67 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.20 3.15 -15.22	33.80 2.67 -9.63	29.01 2.18 -8.96	25.06 1.62 -8.75
NORTHPORT____2 23552	25.45 2.64 -0.43	23.66 2.27 -1.51	22.03 1.62 -5.00	21.12 1.53 -4.57	21.58 1.58 -4.81	22.41 1.74 -4.41	27.05 1.91 -7.58	28.30 2.19 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.15 2.82 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.36 2.66 -7.32	32.11 2.67 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.20 3.15 -15.22	33.80 2.67 -9.63	29.01 2.18 -8.96	25.06 1.62 -8.75
NORTHPORT____3 23553	25.41 2.60 -0.43	23.64 2.25 -1.51	22.02 1.60 -5.00	21.10 1.52 -4.57	21.56 1.56 -4.81	22.38 1.71 -4.41	27.02 1.88 -7.58	28.27 2.15 -6.75	30.14 3.06 -2.37	31.17 3.13 -3.38	33.18 2.84 -6.82	35.36 2.84 -8.81	34.09 3.05 -6.40	32.45 2.75 -7.32	32.18 2.73 -7.02	32.95 2.51 -9.84	31.50 2.59 -7.47	34.22 2.76 -9.42	36.63 2.93 -10.49	35.52 3.23 -7.45	43.29 3.25 -15.22	33.84 2.71 -9.63	29.01 2.18 -8.96	25.06 1.62 -8.75
NORTHPORT____4 23650	25.41 2.60 -0.43	23.64 2.25 -1.51	22.02 1.60 -5.00	21.10 1.52 -4.57	21.56 1.56 -4.81	22.38 1.71 -4.41	27.02 1.88 -7.58	28.27 2.15 -6.75	30.14 3.06 -2.37	31.17 3.13 -3.38	33.18 2.84 -6.82	35.36 2.84 -8.81	34.09 3.05 -6.40	32.45 2.75 -7.32	32.18 2.73 -7.02	32.95 2.51 -9.84	31.50 2.59 -7.47	34.22 2.76 -9.42	36.63 2.93 -10.49	35.52 3.23 -7.45	43.29 3.25 -15.22	33.84 2.71 -9.63	29.01 2.18 -8.96	25.06 1.62 -8.75
NORTHPORT____IC 23718	25.45 2.64 -0.43	23.66 2.27 -1.51	22.03 1.62 -5.00	21.12 1.53 -4.57	21.58 1.58 -4.81	22.41 1.74 -4.41	27.05 1.91 -7.58	28.30 2.19 -6.75	30.14 3.06 -2.37	31.20 3.16 -3.38	33.15 2.82 -6.82	35.31 2.80 -8.81	33.99 2.95 -6.40	32.36 2.66 -7.32	32.11 2.67 -7.02	32.91 2.47 -9.84	31.46 2.55 -7.47	34.20 2.73 -9.42	36.63 2.93 -10.49	35.49 3.21 -7.45	43.20 3.15 -15.22	33.80 2.67 -9.63	29.01 2.18 -8.96	25.06 1.62 -8.75

NORTH__COUNTRY_ESR 323785	21.91 -0.47 0.00	19.49 -0.40 0.00	15.12 -0.29 0.00	14.67 -0.34 0.00	14.83 -0.36 0.00	15.82 -0.44 0.00	17.08 -0.47 0.00	18.81 -0.56 0.00	23.87 -0.84 0.00	23.82 -0.84 0.00	22.54 -0.96 0.00	22.69 -1.02 0.00	23.38 -1.26 0.00	21.19 -1.19 0.00	21.19 -1.23 0.00	19.46 -1.13 0.00	20.28 -1.16 0.00	20.79 -1.26 0.00	21.87 -1.35 0.00	23.06 -1.61 0.17	22.92 -1.66 0.24	19.57 -1.48 0.45	16.65 -1.22 0.00	13.65 -1.04 0.00
NPX_GEN_1385_PROXY 323591	25.45 2.64 -0.43	23.66 2.27 -1.51	22.03 1.62 -5.00	21.12 1.53 -4.57	21.58 1.58 -4.81	22.41 1.74 -4.41	26.84 1.70 -7.58	28.09 1.98 -6.75	30.22 3.14 -2.37	31.27 3.23 -3.38	32.90 2.56 -6.82	35.01 2.49 -8.81	33.52 2.49 -6.40	31.87 2.17 -7.32	31.61 2.17 -7.02	32.60 2.16 -9.84	31.18 2.27 -7.47	33.89 2.43 -9.42	36.37 2.67 -10.49	35.12 2.83 -7.45	42.45 2.41 -15.22	33.50 2.37 -9.63	28.83 2.00 -8.96	25.06 1.62 -8.75
NPX_GEN_CSC 323557	25.16 2.35 -0.43	23.43 2.03 -1.51	21.85 1.43 -5.00	20.95 1.37 -4.57	21.49 1.49 -4.81	22.31 1.64 -4.41	26.93 1.79 -7.58	28.19 2.07 -6.75	29.80 2.72 -2.37	30.90 2.86 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.07 2.37 -7.32	31.86 2.42 -7.02	32.66 2.23 -9.84	31.18 2.27 -7.47	33.96 2.49 -9.42	36.37 2.67 -10.49	35.22 2.93 -7.45	43.02 2.98 -15.22	33.56 2.43 -9.63	28.81 1.98 -8.96	24.86 1.42 -8.75
NSINS_S_GLNS_FALLS 23858	24.44 1.50 -0.55	23.13 1.33 -1.91	22.73 1.02 -6.30	21.74 0.98 -5.75	22.26 1.02 -6.06	22.90 1.09 -5.55	28.37 1.26 -9.55	29.29 1.41 -8.51	29.71 2.00 -3.00	31.03 2.10 -4.28	32.89 2.00 -7.38	31.04 2.02 -5.31	29.85 2.00 -3.22	27.26 1.77 -3.11	25.86 1.82 -1.62	25.70 1.50 -3.60	26.61 1.63 -3.54	33.42 1.65 -9.72	35.38 1.81 -10.35	36.14 1.99 -9.32	37.82 1.96 -11.04	31.28 1.70 -8.08	28.24 1.32 -9.06	26.66 0.98 -10.99
NUCOR_STEEL__DRP 24197	22.72 0.25 -0.09	20.34 0.22 -0.23	16.27 0.17 -0.68	15.83 0.20 -0.62	16.04 0.20 -0.65	17.10 0.24 -0.60	18.91 0.32 -1.04	20.66 0.35 -0.94	25.48 0.42 -0.36	25.57 0.42 -0.49	24.69 0.35 -0.83	24.65 0.33 -0.60	25.36 0.34 -0.38	23.07 0.34 -0.36	22.97 0.36 -0.19	21.30 0.31 -0.39	22.17 0.34 -0.38	23.48 0.37 -1.05	24.73 0.39 -1.12	26.30 0.45 -1.02	26.53 0.45 -1.26	22.81 0.41 -0.90	19.14 0.30 -0.97	16.14 0.28 -1.18
NUMBER_THREE_WT_PWR 323818	22.36 -0.04 -0.02	19.92 -0.04 -0.07	15.58 -0.06 -0.23	14.97 -0.26 -0.21	15.16 -0.24 -0.22	16.18 -0.28 -0.20	17.62 -0.28 -0.34	19.34 -0.33 -0.30	24.34 -0.47 -0.11	24.29 -0.52 -0.15	23.23 -0.54 -0.26	23.31 -0.59 -0.19	24.18 -0.57 -0.12	21.91 -0.57 -0.11	21.85 -0.63 -0.06	20.17 -0.56 -0.13	21.01 -0.56 -0.13	21.91 -0.49 -0.35	23.17 -0.42 -0.37	24.95 -0.35 -0.46	25.06 -0.35 -0.58	21.76 -0.37 -0.62	17.92 -0.27 -0.33	14.85 -0.24 -0.39
NYISO_LBMP_REFERENCE 24008	22.38 0.00 0.00	19.89 0.00 0.00	15.41 0.00 0.00	15.02 0.00 0.00	15.19 0.00 0.00	16.26 0.00 0.00	17.56 0.00 0.00	19.37 0.00 0.00	24.71 0.00 0.00	24.66 0.00 0.00	23.51 0.00 0.00	23.71 0.00 0.00	24.63 0.00 0.00	22.38 0.00 0.00	22.42 0.00 0.00	20.60 0.00 0.00	21.44 0.00 0.00	22.05 0.00 0.00	23.21 0.00 0.00	24.84 0.00 0.00	24.82 0.00 0.00	21.50 0.00 0.00	17.87 0.00 0.00	14.69 0.00 0.00
NYPA_BRENTWD__GT 24164	25.63 2.82 -0.43	23.82 2.43 -1.51	22.14 1.73 -5.00	21.22 1.64 -4.57	21.68 1.69 -4.81	22.52 1.85 -4.41	27.19 2.05 -7.58	28.48 2.36 -6.75	30.36 3.29 -2.37	31.42 3.38 -3.38	33.37 3.03 -6.82	35.55 3.04 -8.81	34.23 3.20 -6.40	32.59 2.89 -7.32	32.35 2.91 -7.02	33.09 2.66 -9.84	31.68 2.77 -7.47	34.42 2.96 -9.42	36.83 3.13 -10.49	35.74 3.45 -7.45	43.52 3.48 -15.22	34.04 2.90 -9.63	29.19 2.36 -8.96	25.17 1.73 -8.75
NYPA_GOWANUS__GT5 24156	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NYPA_GOWANUS__GT6 24157	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.24 1.56 -4.42	26.83 1.69 -7.59	28.00 1.88 -6.75	29.80 2.72 -2.38	30.69 2.64 -3.39	31.85 2.47 -5.87	30.45 2.51 -4.23	29.95 2.76 -2.56	27.32 2.46 -2.48	26.18 2.47 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.28 2.51 -7.72	34.11 2.67 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.35 2.43 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NYPA_HARLEM_RVR_GT1 24160	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.29 1.61 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.80 2.72 -2.38	30.76 2.71 -3.39	31.92 2.54 -5.87	30.47 2.54 -4.23	29.90 2.71 -2.56	27.32 2.46 -2.48	26.16 2.44 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.22 2.45 -7.72	34.04 2.60 -8.23	35.12 2.88 -7.40	37.12 2.93 -9.36	30.37 2.45 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
NYPA_HARLEM_RVR_GT2 24161	25.22 2.40 -0.44	23.54 2.13 -1.52	22.00 1.57 -5.01	21.08 1.49 -4.57	21.51 1.50 -4.82	22.29 1.61 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.80 2.72 -2.38	30.76 2.71 -3.39	31.92 2.54 -5.87	30.47 2.54 -4.23	29.90 2.71 -2.56	27.32 2.46 -2.48	26.16 2.44 -1.29	25.73 2.27 -2.87	26.58 2.32 -2.82	32.22 2.45 -7.72	34.04 2.60 -8.23	35.12 2.88 -7.40	37.12 2.93 -9.36	30.37 2.45 -6.42	26.98 1.89 -7.22	24.97 1.53 -8.76
NYPA_KENT__GT 24152	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.06 1.47 -4.57	21.50 1.49 -4.82	22.25 1.58 -4.42	26.85 1.70 -7.59	28.04 1.92 -6.75	29.83 2.74 -2.38	30.71 2.66 -3.39	31.90 2.52 -5.87	30.47 2.54 -4.23	29.98 2.78 -2.56	27.34 2.48 -2.48	26.18 2.47 -1.29	25.75 2.29 -2.87	26.60 2.34 -2.82	32.28 2.51 -7.72	34.09 2.65 -8.23	35.19 2.95 -7.40	37.19 3.00 -9.36	30.37 2.45 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
NYPA_POUCH1__GT 24155	25.02 2.19 -0.44	23.36 1.95 -1.52	21.84 1.42 -5.01	20.94 1.35 -4.57	21.37 1.37 -4.82	22.11 1.43 -4.42	26.64 1.49 -7.59	27.79 1.67 -6.75	29.51 2.42 -2.38	30.39 2.34 -3.39	31.59 2.21 -5.87	30.16 2.23 -4.23	29.71 2.51 -2.56	27.07 2.22 -2.48	25.93 2.22 -1.29	25.53 2.06 -2.87	26.34 2.08 -2.82	32.06 2.29 -7.72	33.88 2.46 -8.21	34.96 2.73 -7.39	36.95 2.78 -9.35	30.14 2.22 -6.42	26.82 1.73 -7.22	24.84 1.40 -8.76
NYPA_VERNON__GT2 24162	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.08 1.49 -4.57	21.50 1.49 -4.82	22.25 1.58 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.34 2.48 -2.48	26.20 2.49 -1.29	25.75 2.29 -2.87	26.60 2.34 -2.82	32.26 2.49 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.37 2.45 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76

NYPA_VERNON____GT3 24163	25.22	23.54	21.98	21.08	21.50	22.25	26.87	28.06	29.85	30.74	31.92	30.50	29.98	27.34	26.20	25.75	26.60	32.26	34.09	35.17	37.17	30.37	27.00	24.97
	2.40	2.13	1.56	1.49	1.49	1.58	1.72	1.94	2.77	2.69	2.54	2.56	2.78	2.48	2.49	2.29	2.34	2.49	2.65	2.93	2.98	2.45	1.91	1.53
	-0.44	-1.52	-5.01	-4.57	-4.82	-4.42	-7.59	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.23	-7.40	-9.36	-6.42	-7.22	-8.76
NYPA____ASTORIA_CC1 323568	25.24	23.55	22.00	21.08	21.51	22.27	26.87	28.06	29.85	30.74	31.92	30.50	29.98	27.36	26.20	25.77	26.60	32.28	34.09	35.17	37.19	30.39	27.01	24.99
	2.42	2.15	1.57	1.49	1.50	1.59	1.72	1.94	2.77	2.69	2.54	2.56	2.78	2.51	2.49	2.31	2.34	2.51	2.65	2.93	3.00	2.47	1.93	1.54
	-0.44	-1.52	-5.01	-4.57	-4.82	-4.42	-7.59	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.23	-7.40	-9.36	-6.42	-7.22	-8.76
NYPA____ASTORIA_CC2 323569	25.24	23.55	22.00	21.08	21.51	22.27	26.87	28.06	29.85	30.74	31.92	30.50	29.98	27.36	26.20	25.77	26.60	32.28	34.09	35.17	37.19	30.39	27.01	24.99
	2.42	2.15	1.57	1.49	1.50	1.59	1.72	1.94	2.77	2.69	2.54	2.56	2.78	2.51	2.49	2.31	2.34	2.51	2.65	2.93	3.00	2.47	1.93	1.54
	-0.44	-1.52	-5.01	-4.57	-4.82	-4.42	-7.59	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.23	-7.40	-9.36	-6.42	-7.22	-8.76
NYPA____HOLTSVILL 23794	25.43	23.64	22.03	21.10	21.59	22.43	27.09	28.36	30.12	31.20	33.13	35.31	33.99	32.34	32.13	32.91	31.44	34.20	36.60	35.49	43.25	33.80	29.01	25.03
	2.62	2.25	1.62	1.52	1.59	1.76	1.95	2.25	3.04	3.16	2.80	2.80	2.95	2.64	2.69	2.47	2.53	2.73	2.90	3.21	3.20	2.67	2.18	1.59
	-0.43	-1.51	-5.00	-4.57	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-6.82	-8.81	-6.40	-7.32	-7.02	-9.84	-7.47	-9.42	-10.49	-7.45	-15.22	-9.63	-8.96	-8.75
NYPA____HELLGATE_GT1 24158	25.22	23.54	22.00	21.08	21.51	22.29	26.87	28.06	29.80	30.76	31.92	30.47	29.90	27.32	26.16	25.73	26.58	32.22	34.04	35.12	37.12	30.37	26.98	24.97
	2.40	2.13	1.57	1.49	1.50	1.61	1.72	1.94	2.72	2.71	2.54	2.54	2.71	2.46	2.44	2.27	2.32	2.45	2.60	2.88	2.93	2.45	1.89	1.53
	-0.44	-1.52	-5.01	-4.57	-4.82	-4.42	-7.59	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.23	-7.40	-9.36	-6.42	-7.22	-8.76
NYPA____HELLGATE_GT2 24159	25.22	23.54	22.00	21.08	21.51	22.29	26.87	28.06	29.80	30.76	31.92	30.47	29.90	27.32	26.16	25.73	26.58	32.22	34.04	35.12	37.12	30.37	26.98	24.97
	2.40	2.13	1.57	1.49	1.50	1.61	1.72	1.94	2.72	2.71	2.54	2.54	2.71	2.46	2.44	2.27	2.32	2.45	2.60	2.88	2.93	2.45	1.89	1.53
	-0.44	-1.52	-5.01	-4.57	-4.82	-4.42	-7.59	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.23	-7.40	-9.36	-6.42	-7.22	-8.76
NYS_BARGE____HYD 23848	17.43	15.90	14.30	14.61	14.77	15.77	15.97	15.44	18.79	18.92	18.34	18.25	18.77	18.46	18.60	19.41	20.25	20.29	21.31	22.72	21.44	19.75	18.04	15.54
	-1.03	-0.87	-0.63	-0.59	-0.64	-0.60	-0.69	-0.81	-1.21	-1.16	-1.13	-1.18	-1.21	-1.16	-1.05	-0.93	-0.94	-0.99	-1.02	-1.24	-1.27	-0.99	-1.00	-0.57
	3.93	3.11	0.48	-0.18	-0.22	-0.11	0.90	3.11	4.71	4.58	4.04	4.27	4.65	2.75	2.77	0.26	0.25	0.76	0.89	0.88	2.12	0.77	-1.18	-1.43
OAK ORCHARD____HYD 24046	22.00	19.72	15.91	15.58	15.78	16.83	18.40	20.02	24.62	24.70	23.89	23.86	24.57	22.34	22.29	20.94	21.80	23.03	24.22	25.50	25.64	22.18	18.84	15.97
	-0.45	-0.38	-0.18	-0.06	-0.06	-0.03	-0.19	-0.27	-0.42	-0.42	-0.42	-0.43	-0.42	-0.38	-0.31	-0.04	-0.02	-0.07	-0.12	-0.35	-0.40	-0.19	0.00	0.10
	-0.07	-0.21	-0.68	-0.62	-0.65	-0.60	-1.03	-0.92	-0.33	-0.47	-0.80	-0.58	-0.36	-0.34	-0.18	-0.39	-0.38	-1.05	-1.12	-1.01	-1.21	-0.87	-0.97	-1.18
OAKDALE__35_KV_LOAD 356122	23.13	20.94	17.48	16.85	17.09	18.06	20.68	22.29	26.25	26.56	26.24	25.87	26.26	23.87	23.52	21.96	22.80	25.17	26.61	28.23	28.79	24.34	20.70	18.04
	0.54	0.48	0.29	0.23	0.21	0.24	0.44	0.50	0.64	0.64	0.61	0.62	0.67	0.58	0.61	0.35	0.36	0.40	0.49	0.77	0.74	0.56	0.32	0.29
	-0.21	-0.58	-1.77	-1.60	-1.69	-1.55	-2.68	-2.42	-0.90	-1.26	-2.12	-1.55	-0.97	-0.91	-0.49	-1.01	-0.99	-2.73	-2.91	-2.62	-3.22	-2.28	-2.52	-3.05
OCC_CHEM____DRP 24175	20.76	18.68	15.28	14.81	14.94	16.16	17.73	18.99	23.10	23.26	22.56	22.45	23.06	21.04	21.02	19.86	20.65	21.86	22.97	24.29	24.41	21.06	17.77	15.31
	-1.32	-1.13	-0.82	-0.89	-0.97	-0.75	-0.84	-1.07	-1.51	-1.45	-1.41	-1.47	-1.50	-1.43	-1.32	-1.13	-1.18	-1.23	-1.35	-1.54	-1.54	-1.31	-1.25	-0.78
	0.31	0.07	-0.68	-0.68	-0.72	-0.65	-1.01	-0.68	0.10	-0.06	-0.47	-0.21	0.07	-0.10	0.08	-0.39	-0.39	-1.05	-1.11	-0.99	-1.12	-0.87	-1.15	-1.40
OH_GEN_PROXY 24063	17.57	16.00	14.32	14.58	14.77	15.73	16.02	15.65	19.06	19.17	18.62	18.52	19.01	18.59	18.71	19.35	20.18	20.36	21.31	22.77	21.61	19.75	18.13	15.59
	-1.21	-1.05	-0.77	-0.69	-0.71	-0.72	-0.84	-0.97	-1.36	-1.33	-1.27	-1.33	-1.38	-1.30	-1.19	-1.07	-1.09	-1.17	-1.23	-1.39	-1.41	-1.16	-0.93	-0.54
	3.60	2.83	0.33	-0.25	-0.29	-0.18	0.70	2.75	4.29	4.16	3.62	3.86	4.24	2.49	2.52	0.17	0.17	0.52	0.67	0.68	1.80	0.59	-1.19	-1.45
OLIN_CORP_DRP 24177	20.93	18.82	15.31	14.99	15.13	16.18	17.83	19.13	23.26	23.42	22.72	22.62	23.22	21.14	21.09	19.88	20.67	21.89	23.10	24.29	24.46	21.12	17.79	15.34
	-1.28	-1.09	-0.79	-0.71	-0.77	-0.73	-0.79	-1.05	-1.51	-1.45	-1.41	-1.45	-1.50	-1.43	-1.35	-1.11	-1.16	-1.21	-1.28	-1.59	-1.59	-1.29	-1.23	-0.75
	0.18	-0.03	-0.68	-0.68	-0.72	-0.65	-1.07	-0.81	-0.06	-0.22	-0.62	-0.36	-0.09	-0.19	-0.01	-0.39	-0.39	-1.05	-1.16	-1.04	-1.22	-0.91	-1.15	-1.40
OLIN_CORP_DSASP 323712	16.72	15.30	14.03	14.28	14.41	15.54	15.56	14.78	17.96	18.09	17.56	17.46	17.95	17.90	18.05	19.16	19.97	19.92	20.82	22.22	20.78	19.31	17.82	15.37
	-1.32	-1.13	-0.82	-0.89	-0.97	-0.80	-0.91	-1.07	-1.51	-1.45	-1.41	-1.47	-1.50	-1.41	-1.30	-1.13	-1.18	-1.23	-1.32	-1.56	-1.59	-1.27	-1.25	-0.78
	4.35	3.46	0.56	-0.15	-0.19	-0.08	1.08	3.53	5.24	5.11	4.54	4.78	5.18	3.07	3.08	0.30	0.30	0.89	1.07	1.06	2.45	0.92	-1.20	-1.46
ONEIDA_HERK_LFGE 323681	22.65	20.17	15.75	15.26	15.46	16.50	17.90	19.70	24.88	24.84	23.79	23.90	24.81	22.48	22.45	20.67	21.53	22.40	23.64	25.34	25.41	21.99	18.23	15.13
	0.25	0.22	0.14	0.06	0.08	0.07	0.04	0.06	0.07	0.05	0.05	0.02	0.07	0.00	-0.02	-0.04	-0.02	0.04	0.09	0.15	0.15	0.09	0.07	0.09
	-0.02	-0.06	-0.20	-0.18	-0.19	-0.18	-0.30	-0.27	-0.09	-0.14	-0.23	-0.17	-0.10	-0.10	-0.05	-0.11	-0.11	-0.31	-0.33	-0.35	-0.44	-0.41	-0.29	-0.35
ONEIDA____115KV_TB4 55905	23.00	20.51	16.10	15.64	15.85	16.92	18.52	20.29	25.47	25.46	24.48	24.57	25.46	23.03	22.97	21.14	22.02	23.02	24.27	25.97	26.09	22.45	18.70	15.60
	0.54	0.48	0.34	0.32	0.33	0.36	0.44	0.43	0.54	0.52	0.52	0.52	0.59	0.45	0.43	0.35	0.39	0.44	0.49	0.60	0.60	0.45	0.36	0.34
	-0.08	-0.14	-0.35	-0.31	-0.32	-0.30	-0.53	-0.50	-0.22	-0.29	-0.45	-0.34	-0.23	-0.20	-0.12	-0.20	-0.19	-0.53	-0.57	-0.53	-0.67	-0.50	-0.47	-0.58

ONONDAGA_REF_OCCRA 23987	22.54 0.09 -0.07	20.15 0.06 -0.20	16.08 0.03 -0.64	15.64 0.05 -0.58	15.85 0.05 -0.61	16.87 0.05 -0.56	18.63 0.11 -0.97	20.33 0.10 -0.87	25.12 0.10 -0.32	25.20 0.10 -0.45	24.36 0.09 -0.76	24.38 0.12 -0.55	25.10 0.12 -0.34	22.81 0.11 -0.32	22.68 0.09 -0.17	21.04 0.08 -0.36	21.88 0.09 -0.36	23.14 0.11 -0.98	24.38 0.12 -1.05	25.96 0.17 -0.95	26.14 0.15 -1.17	22.47 0.13 -0.84	18.88 0.11 -0.91	15.89 0.10 -1.10
ONONDAGA___COGEN 23986	22.54 0.09 -0.06	20.15 0.08 -0.19	16.05 0.06 -0.58	15.62 0.08 -0.53	15.82 0.08 -0.55	16.85 0.08 -0.51	18.56 0.12 -0.88	20.28 0.12 -0.79	25.12 0.12 -0.29	25.19 0.12 -0.41	24.32 0.12 -0.69	24.33 0.12 -0.50	25.09 0.15 -0.31	22.78 0.11 -0.30	22.69 0.11 -0.16	21.03 0.10 -0.33	21.87 0.11 -0.32	23.07 0.13 -0.89	24.31 0.14 -0.95	25.88 0.17 -0.86	26.04 0.15 -1.06	22.42 0.15 -0.76	18.82 0.13 -0.83	15.82 0.13 -1.00
ONTARIO___LFGE 23819	25.62 0.31 -2.92	22.80 0.28 -2.63	17.29 0.19 -1.69	16.32 0.18 -1.12	16.53 0.18 -1.15	17.61 0.23 -1.12	20.55 0.28 -2.72	23.83 0.39 -4.07	29.11 0.39 -4.01	29.27 0.42 -4.20	28.39 0.40 -4.49	28.29 0.38 -4.20	29.02 0.37 -4.02	25.35 0.34 -2.64	25.13 0.38 -2.32	21.82 0.27 -0.95	22.68 0.30 -0.94	25.03 0.35 -2.63	26.53 0.44 -2.88	28.08 0.60 -2.65	29.34 0.57 -3.95	24.27 0.47 -2.30	19.31 0.30 -1.14	16.41 0.34 -1.38
ORANGEVILLE_WT_PWR 323706	3.29 -0.80 18.29	4.05 -0.72 15.12	9.95 -0.63 4.83	12.68 -0.71 1.64	12.89 -0.71 1.58	13.65 -0.73 1.88	8.71 -0.58 8.27	0.89 -0.47 18.01	1.06 -0.69 22.95	1.09 -0.64 22.92	1.06 -0.66 21.79	1.03 -0.71 21.96	1.09 -0.74 22.81	7.68 -0.69 14.01	8.46 -0.54 13.43	17.14 -0.78 2.67	18.02 -0.79 2.63	13.73 -0.77 7.55	14.00 -0.67 8.55	16.29 -0.47 8.07	9.72 -0.50 14.61	13.97 -0.52 7.01	18.66 -0.64 -1.44	16.06 -0.37 -1.74
ORANGEVILLE___ESR 323794	3.29 -0.80 18.29	4.05 -0.72 15.12	9.95 -0.63 4.83	12.68 -0.71 1.64	12.89 -0.71 1.58	13.65 -0.73 1.88	8.71 -0.58 8.27	0.89 -0.47 18.01	1.06 -0.69 22.95	1.09 -0.64 22.92	1.06 -0.66 21.79	1.03 -0.71 21.96	1.09 -0.74 22.81	7.68 -0.69 14.01	8.46 -0.54 13.43	17.14 -0.78 2.67	18.02 -0.79 2.63	13.73 -0.77 7.55	14.00 -0.67 8.55	16.29 -0.47 8.07	9.72 -0.50 14.61	13.97 -0.52 7.01	18.66 -0.64 -1.44	16.06 -0.37 -1.74
OSWEGATCHIE___HYD 24044	21.52 -0.87 -0.01	19.15 -0.78 -0.04	14.96 -0.59 -0.13	14.48 -0.66 -0.12	14.65 -0.67 -0.12	15.66 -0.72 -0.11	16.98 -0.77 -0.20	18.67 -0.87 -0.17	23.51 -1.26 -0.06	23.49 -1.26 -0.09	22.46 -1.20 -0.15	22.61 -1.21 -0.11	23.39 -1.31 -0.07	21.26 -1.19 -0.06	21.24 -1.21 -0.03	19.58 -1.09 -0.07	20.38 -1.14 -0.07	21.10 -1.15 -0.20	22.29 -1.14 -0.21	23.40 -1.24 0.20	23.27 -1.22 0.33	19.51 -1.10 0.89	17.16 -0.89 -0.19	14.18 -0.73 -0.23
OSWEGO___5 23606	22.10 -0.31 -0.03	19.73 -0.28 -0.12	15.61 -0.22 -0.41	15.19 -0.20 -0.37	15.38 -0.20 -0.39	16.41 -0.21 -0.36	17.93 -0.25 -0.62	19.67 -0.25 -0.55	24.53 -0.37 -0.19	24.56 -0.37 -0.28	23.63 -0.35 -0.48	23.70 -0.35 -0.34	24.47 -0.37 -0.21	22.24 -0.34 -0.20	22.19 -0.34 -0.10	20.54 -0.29 -0.23	21.37 -0.30 -0.23	22.37 -0.31 -0.63	23.56 -0.33 -0.67	25.09 -0.35 -0.60	25.20 -0.35 -0.72	21.74 -0.28 -0.52	18.24 -0.21 -0.58	15.25 -0.15 -0.71
OSWEGO___6 23613	22.10 -0.31 -0.03	19.73 -0.28 -0.12	15.61 -0.22 -0.41	15.19 -0.20 -0.37	15.38 -0.20 -0.39	16.41 -0.21 -0.36	17.93 -0.25 -0.62	19.67 -0.25 -0.55	24.53 -0.37 -0.19	24.56 -0.37 -0.28	23.63 -0.35 -0.48	23.70 -0.35 -0.34	24.47 -0.37 -0.21	22.24 -0.34 -0.20	22.19 -0.34 -0.10	20.54 -0.29 -0.23	21.37 -0.30 -0.23	22.37 -0.31 -0.63	23.56 -0.33 -0.67	25.09 -0.35 -0.60	25.20 -0.35 -0.72	21.74 -0.28 -0.52	18.24 -0.21 -0.58	15.25 -0.15 -0.71
OUTOKUMPU-AB___DRP 24206	21.21 -0.90 0.27	19.09 -0.76 0.04	15.53 -0.57 -0.69	15.07 -0.63 -0.69	15.23 -0.68 -0.73	16.35 -0.57 -0.66	18.11 -0.49 -1.04	19.44 -0.66 -0.73	23.64 -1.01 0.05	23.80 -0.96 -0.11	23.09 -0.94 -0.52	22.99 -0.97 -0.26	23.60 -1.01 0.02	21.54 -0.96 -0.13	21.52 -0.85 0.05	20.13 -0.87 -0.39	20.93 -0.90 -0.39	22.16 -0.95 -1.06	23.40 -0.95 -1.14	24.87 -0.99 -1.02	24.95 -1.04 -1.17	21.49 -0.90 -0.89	18.09 -0.95 -1.17	15.58 -0.53 -1.42
OXBOW___ 24026	16.83 -1.07 4.48	15.40 -0.91 3.57	14.15 -0.66 0.60	14.42 -0.74 -0.14	14.56 -0.81 -0.18	15.65 -0.67 -0.06	15.67 -0.74 1.15	14.88 -0.83 3.66	18.09 -1.21 5.41	18.22 -1.16 5.28	17.68 -1.13 4.70	17.58 -1.18 4.94	18.08 -1.21 5.35	18.06 -1.14 3.18	18.22 -1.03 3.18	19.30 -0.97 0.32	20.11 -1.01 0.32	20.03 -1.06 0.96	20.99 -1.09 1.14	22.45 -1.27 1.12	21.00 -1.27 2.56	19.50 -1.03 0.97	18.01 -1.07 -1.22	15.53 -0.63 -1.48
OXY_CHEM_DSASP 323612	16.72 -1.32 4.35	15.30 -1.13 3.46	14.03 -0.82 0.56	14.28 -0.89 -0.15	14.41 -0.97 -0.19	15.54 -0.80 -0.08	15.56 -0.91 1.08	14.78 -1.07 3.53	17.96 -1.51 5.24	18.09 -1.45 5.11	17.56 -1.41 4.54	17.46 -1.47 4.78	17.95 -1.50 5.18	17.90 -1.41 3.07	18.05 -1.30 3.08	19.16 -1.13 0.30	19.97 -1.18 0.30	19.92 -1.23 0.89	20.82 -1.32 1.07	22.22 -1.56 1.06	20.78 -1.59 2.45	19.31 -1.27 0.92	17.82 -1.25 -1.20	15.37 -0.78 -1.46
OZONE_PARK_ESR 323760	25.25 2.42 -0.45	23.56 2.15 -1.53	22.00 1.57 -5.02	21.08 1.49 -4.58	21.51 1.50 -4.82	22.27 1.59 -4.42	26.88 1.72 -7.60	28.10 1.96 -6.78	29.92 2.82 -2.40	30.78 2.71 -3.41	31.95 2.56 -5.88	30.53 2.58 -4.24	30.04 2.83 -2.57	27.39 2.53 -2.48	26.25 2.53 -1.29	25.79 2.33 -2.86	26.64 2.38 -2.82	32.34 2.56 -7.74	34.18 2.72 -8.24	35.26 3.01 -7.42	37.30 3.05 -9.42	30.45 2.52 -6.44	27.02 1.95 -7.21	24.99 1.56 -8.75
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.76 -1.32 0.31	18.68 -1.13 0.07	15.28 -0.82 -0.68	14.81 -0.89 -0.68	14.94 -0.97 -0.72	16.16 -0.75 -0.65	17.73 -0.84 -1.01	18.99 -1.07 -0.68	23.10 -1.51 0.10	23.26 -1.45 -0.06	22.56 -1.41 -0.47	22.45 -1.47 -0.21	23.06 -1.50 0.07	21.04 -1.43 -0.10	21.02 -1.32 0.08	19.86 -1.13 -0.39	20.65 -1.18 -0.39	21.86 -1.23 -1.05	22.97 -1.35 -1.11	24.29 -1.54 -0.99	24.41 -1.54 -1.12	21.06 -1.31 -0.87	17.77 -1.25 -1.15	15.31 -0.78 -1.40
PACKARD___115KV_DUPONT_184 80571	20.76 -1.32 0.31	18.68 -1.13 0.07	15.28 -0.82 -0.68	14.81 -0.89 -0.68	14.94 -0.97 -0.72	16.16 -0.75 -0.65	17.73 -0.84 -1.01	18.99 -1.07 -0.68	23.10 -1.51 0.10	23.26 -1.45 -0.06	22.56 -1.41 -0.47	22.45 -1.47 -0.21	23.06 -1.50 0.07	21.04 -1.43 -0.10	21.02 -1.32 0.08	19.86 -1.13 -0.39	20.65 -1.18 -0.39	21.86 -1.23 -1.05	22.97 -1.35 -1.11	24.29 -1.54 -0.99	24.41 -1.54 -1.12	21.06 -1.31 -0.87	17.77 -1.25 -1.15	15.31 -0.78 -1.40
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.21 2.37 -0.46	23.53 2.11 -1.53	21.98 1.54 -5.03	21.08 1.47 -4.59	21.51 1.49 -4.83	22.27 1.58 -4.43	26.84 1.67 -7.61	28.03 1.88 -6.79	29.75 2.64 -2.41	30.69 2.61 -3.42	31.87 2.47 -5.89	30.42 2.47 -4.25	29.87 2.66 -2.58	27.26 2.39 -2.49	26.10 2.38 -1.30	25.67 2.20 -2.87	26.52 2.25 -2.83	32.17 2.38 -7.74	34.00 2.53 -8.25	35.07 2.81 -7.43	37.11 2.85 -9.43	30.35 2.41 -6.44	26.94 1.86 -7.22	24.96 1.51 -8.76

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.35 2.51 -0.46	23.65 2.23 -1.53	22.09 1.65 -5.03	21.17 1.56 -4.59	21.60 1.58 -4.83	22.40 1.71 -4.43	26.96 1.79 -7.61	28.05 1.90 -6.79	29.80 2.69 -2.41	30.74 2.66 -3.42	31.89 2.49 -5.89	30.44 2.49 -4.25	29.90 2.68 -2.58	27.28 2.42 -2.49	26.12 2.40 -1.30	25.69 2.22 -2.87	26.54 2.27 -2.83	32.22 2.43 -7.74	34.04 2.58 -8.25	35.12 2.86 -7.43	37.16 2.90 -9.43	30.40 2.45 -6.44	26.98 1.89 -7.22	25.06 1.62 -8.76
PATROON__115KV_TB1 80586	23.79 0.87 -0.54	22.53 0.80 -1.85	22.10 0.59 -6.10	21.18 0.60 -5.56	21.65 0.61 -5.86	22.26 0.63 -5.37	27.51 0.72 -9.24	28.37 0.77 -8.23	28.72 1.11 -2.90	29.95 1.16 -4.14	31.75 1.10 -7.14	30.01 1.16 -5.14	28.93 1.18 -3.12	26.42 1.03 -3.01	25.06 1.08 -1.57	25.00 0.93 -3.48	25.83 0.96 -3.42	32.42 0.97 -9.40	34.27 1.04 -10.01	34.99 1.14 -9.01	36.65 1.12 -10.71	30.26 0.95 -7.81	27.38 0.75 -8.76	25.89 0.57 -10.63
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.97 -0.07 0.34	19.78 -0.02 0.09	15.74 -0.40 -0.72	14.94 -0.81 -0.73	15.14 -0.82 -0.77	16.10 -0.86 -0.70	18.75 0.11 -1.09	20.18 0.08 -0.73	24.56 -0.02 0.12	24.73 0.02 -0.05	24.01 0.00 -0.50	23.90 -0.02 -0.21	24.52 -0.02 0.08	22.41 -0.07 -0.10	22.38 0.04 0.09	19.92 -1.09 -0.42	20.69 -1.16 -0.41	22.08 -1.08 -1.11	23.62 -0.79 -1.19	25.98 0.07 -1.07	26.06 0.02 -1.21	22.07 -0.37 -0.94	18.10 -1.02 -1.25	15.56 -0.65 -1.52
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.98 2.15 -0.45	23.32 1.89 -1.54	21.92 1.43 -5.07	21.01 1.37 -4.62	21.41 1.35 -4.87	22.16 1.43 -4.47	26.80 1.56 -7.68	28.00 1.78 -6.85	29.72 2.59 -2.42	30.69 2.59 -3.45	31.92 2.47 -5.94	30.41 2.42 -4.28	29.84 2.61 -2.60	27.23 2.35 -2.51	26.01 2.29 -1.31	25.61 2.12 -2.89	26.45 2.17 -2.85	32.16 2.29 -7.82	33.96 2.41 -8.33	35.02 2.68 -7.50	37.05 2.76 -9.47	30.28 2.28 -6.50	26.90 1.75 -7.28	24.92 1.40 -8.84
PEEKSKILL____ 23653	24.89 2.08 -0.43	23.22 1.83 -1.50	21.75 1.36 -4.98	20.85 1.29 -4.54	21.27 1.29 -4.79	22.01 1.37 -4.39	26.59 1.49 -7.54	27.75 1.67 -6.72	29.49 2.42 -2.36	30.39 2.37 -3.37	31.60 2.26 -5.83	30.16 2.25 -4.20	29.61 2.44 -2.54	27.03 2.19 -2.46	25.87 2.17 -1.27	25.46 2.02 -2.85	26.30 2.06 -2.80	31.91 2.18 -7.68	33.69 2.30 -8.18	34.78 2.58 -7.36	36.75 2.63 -9.29	30.03 2.15 -6.38	26.72 1.68 -7.17	24.71 1.32 -8.70
PGE MADISON__WINDPWR 24146	25.07 1.57 -1.12	22.60 1.39 -1.32	18.33 0.97 -1.95	17.58 0.93 -1.63	17.87 0.97 -1.71	18.87 1.03 -1.59	21.73 1.18 -3.00	24.02 1.41 -3.24	28.53 1.80 -2.02	28.77 1.75 -2.36	28.31 1.67 -3.14	28.01 1.71 -2.59	28.50 1.80 -2.08	25.66 1.70 -1.58	25.27 1.70 -1.15	23.17 1.46 -1.11	24.01 1.48 -1.09	26.66 1.61 -3.00	28.23 1.79 -3.23	29.85 2.09 -2.93	30.74 2.09 -3.83	25.69 1.66 -2.54	21.49 1.27 -2.35	18.61 1.07 -2.85
PIERCEFIELD__HYD 23852	21.43 -0.96 -0.01	19.05 -0.86 -0.02	14.83 -0.65 -0.07	14.40 -0.68 -0.06	14.57 -0.68 -0.06	15.57 -0.75 -0.06	16.83 -0.83 -0.10	18.51 -0.95 -0.09	23.33 -1.41 -0.03	23.32 -1.38 -0.04	22.32 -1.27 -0.08	22.48 -1.28 -0.06	23.26 -1.40 -0.03	21.16 -1.25 -0.03	21.18 -1.26 -0.02	19.48 -1.15 -0.04	20.28 -1.20 -0.04	20.89 -1.26 -0.10	22.07 -1.25 -0.11	23.20 -1.47 0.17	23.14 -1.41 0.27	19.59 -1.27 0.65	16.92 -1.04 -0.09	13.98 -0.82 -0.11
PINELAWN_CC_1 323563	25.52 2.71 -0.43	23.72 2.33 -1.51	22.08 1.67 -5.00	21.15 1.56 -4.57	21.61 1.61 -4.81	22.44 1.77 -4.41	27.10 1.97 -7.58	28.36 2.25 -6.75	30.24 3.16 -2.37	31.29 3.25 -3.38	33.27 2.94 -6.82	35.43 2.92 -8.81	34.14 3.10 -6.40	32.54 2.84 -7.32	32.27 2.83 -7.02	33.01 2.57 -9.84	31.59 2.68 -7.47	34.33 2.87 -9.42	36.74 3.04 -10.49	35.64 3.35 -7.45	43.42 3.38 -15.22	33.95 2.82 -9.63	29.11 2.29 -8.96	25.11 1.67 -8.75
PJM_GEN_HTP_PROXY 323702	25.07 2.26 -0.43	23.41 2.01 -1.51	21.88 1.47 -5.00	20.98 1.40 -4.56	21.39 1.40 -4.81	22.15 1.48 -4.41	26.75 1.61 -7.58	27.92 1.80 -6.75	29.67 2.59 -2.37	30.58 2.54 -3.38	31.75 2.37 -5.86	30.32 2.39 -4.22	29.80 2.61 -2.56	27.20 2.35 -2.47	26.04 2.33 -1.28	25.64 2.18 -2.86	26.46 2.21 -2.82	32.12 2.36 -7.71	33.94 2.51 -8.22	34.99 2.76 -7.39	37.01 2.83 -9.36	30.23 2.32 -6.41	26.88 1.80 -7.21	24.88 1.44 -8.75
PJM_GEN_KEystone 24065	22.79 0.96 0.55	21.01 0.85 -0.26	18.87 0.55 -2.90	18.23 0.44 -2.77	18.56 0.44 -2.93	19.38 0.45 -2.66	22.54 0.63 -4.35	23.56 0.79 -3.40	26.27 1.11 -0.45	26.85 1.11 -1.08	27.22 1.03 -2.67	26.37 1.02 -1.64	26.31 1.11 -0.57	24.27 0.98 -0.91	23.63 1.01 -0.20	22.96 0.70 -1.66	23.78 0.71 -1.64	27.29 0.77 -4.47	28.86 0.90 -4.74	30.33 1.24 -4.25	31.26 1.29 -5.14	26.15 0.97 -3.68	23.01 0.59 -4.56	20.73 0.51 -5.53
PJM_GEN_NEPTUNE_PROXY 323594	25.30 2.48 -0.43	23.55 2.15 -1.51	21.94 1.53 -5.00	21.03 1.44 -4.57	21.49 1.49 -4.81	22.28 1.61 -4.41	26.91 1.77 -7.58	28.15 2.03 -6.75	29.97 2.89 -2.37	31.00 2.96 -3.38	32.59 2.68 -6.40	33.16 2.68 -6.77	32.20 2.88 -4.69	30.14 2.59 -5.16	29.47 2.58 -4.47	29.70 2.37 -6.74	29.28 2.44 -5.40	33.31 2.60 -8.66	35.45 2.76 -9.48	35.32 3.05 -7.43	40.51 3.08 -12.61	32.26 2.56 -8.20	28.10 2.05 -8.18	24.98 1.54 -8.75
PJM_GEN_VFT_PROXY 323633	25.01 2.19 -0.43	23.35 1.95 -1.51	21.85 1.43 -5.00	20.95 1.37 -4.56	21.37 1.37 -4.81	22.12 1.45 -4.41	26.68 1.55 -7.58	27.86 1.74 -6.75	29.60 2.52 -2.37	30.48 2.44 -3.38	31.68 2.31 -5.86	30.25 2.32 -4.22	29.72 2.54 -2.56	27.13 2.28 -2.47	25.97 2.26 -1.28	25.56 2.10 -2.86	26.40 2.14 -2.82	32.05 2.29 -7.71	33.87 2.44 -8.22	34.92 2.68 -7.39	36.96 2.78 -9.36	30.19 2.28 -6.41	26.83 1.75 -7.21	24.85 1.41 -8.75
PLATSBRG_115KV_PMLD1 355749	22.14 -0.25 0.00	19.68 -0.22 -0.01	15.30 -0.14 -0.03	14.82 -0.23 -0.03	14.97 -0.24 -0.03	15.98 -0.31 -0.03	17.23 -0.37 -0.04	19.04 -0.37 -0.04	24.10 -0.62 -0.01	24.06 -0.62 -0.02	22.77 -0.78 -0.03	22.90 -0.83 -0.02	23.56 -1.08 -0.01	21.36 -1.03 -0.01	21.35 -1.08 -0.01	19.62 -0.99 -0.02	20.43 -1.03 -0.02	20.97 -1.12 -0.04	22.06 -1.21 -0.05	23.24 -1.47 0.13	23.08 -1.54 0.20	19.70 -1.35 0.44	16.78 -1.13 -0.04	13.75 -0.98 -0.05
PLEASANTVLY__LBMP 24000	24.68 1.84 -0.46	23.08 1.63 -1.56	21.78 1.23 -5.14	20.87 1.17 -4.68	21.31 1.18 -4.93	22.04 1.25 -4.52	26.69 1.35 -7.78	27.84 1.53 -6.94	29.36 2.20 -2.45	30.32 2.17 -3.49	31.57 2.05 -6.02	30.11 2.06 -4.34	29.48 2.22 -2.63	26.91 1.99 -2.54	25.74 2.00 -1.32	25.36 1.83 -2.93	26.21 1.89 -2.88	31.95 1.98 -7.92	33.74 2.09 -8.44	34.77 2.33 -7.59	36.40 2.36 -9.22	30.07 1.98 -6.59	26.74 1.50 -7.38	24.83 1.19 -8.95
PLSNTVLE_13_KV_13.8KVDIST 80602	24.96 2.13 -0.45	23.31 1.89 -1.53	21.81 1.36 -5.04	20.91 1.29 -4.60	21.34 1.31 -4.84	22.08 1.38 -4.44	26.70 1.51 -7.64	27.86 1.69 -6.81	29.56 2.45 -2.41	30.50 2.42 -3.43	31.70 2.28 -5.91	30.27 2.30 -4.26	29.70 2.49 -2.59	27.09 2.22 -2.49	25.92 2.20 -1.30	25.51 2.04 -2.88	26.35 2.08 -2.83	32.02 2.20 -7.77	33.84 2.34 -8.28	34.92 2.63 -7.45	36.96 2.66 -9.48	30.16 2.19 -6.46	26.80 1.70 -7.24	24.81 1.34 -8.79

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.96 2.13 -0.45	23.31 1.89 -1.53	21.81 1.36 -5.04	20.91 1.29 -4.60	21.34 1.31 -4.84	22.08 1.38 -4.44	26.70 1.51 -7.64	27.86 1.69 -6.81	29.56 2.45 -2.41	30.50 2.42 -3.43	31.70 2.28 -5.91	30.27 2.30 -4.26	29.70 2.49 -2.59	27.09 2.22 -2.49	25.92 2.20 -1.30	25.51 2.04 -2.88	26.35 2.08 -2.83	32.02 2.20 -7.77	33.84 2.34 -8.28	34.92 2.63 -7.45	36.96 2.66 -9.48	30.16 2.19 -6.46	26.80 1.70 -7.24	24.81 1.34 -8.79
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.77 1.92 -0.46	23.16 1.71 -1.56	21.85 1.29 -5.15	20.94 1.23 -4.69	21.36 1.23 -4.94	22.09 1.30 -4.53	26.78 1.42 -7.80	27.93 1.61 -6.95	29.48 2.32 -2.46	30.45 2.29 -3.50	31.70 2.16 -6.03	30.19 2.13 -4.34	29.56 2.29 -2.64	27.03 2.10 -2.54	25.81 2.06 -1.32	25.45 1.92 -2.94	26.28 1.95 -2.89	32.01 2.03 -7.93	33.83 2.16 -8.45	34.88 2.43 -7.61	36.74 2.48 -9.44	30.19 2.09 -6.60	26.85 1.59 -7.39	24.92 1.26 -8.97
POLETTI____ 23519	25.09 2.26 -0.45	23.42 2.01 -1.53	21.91 1.48 -5.02	20.99 1.40 -4.58	21.41 1.40 -4.82	22.16 1.48 -4.42	26.74 1.58 -7.60	27.93 1.78 -6.78	29.70 2.59 -2.40	30.56 2.49 -3.41	31.74 2.35 -5.88	30.32 2.37 -4.24	29.82 2.61 -2.57	27.19 2.33 -2.48	26.02 2.31 -1.29	25.62 2.16 -2.86	26.44 2.19 -2.82	32.12 2.34 -7.74	33.94 2.48 -8.24	35.02 2.76 -7.42	37.05 2.81 -9.42	30.26 2.32 -6.44	26.86 1.79 -7.21	24.88 1.44 -8.75
PORT_JEFF_3 23555	25.48 2.66 -0.43	23.70 2.31 -1.51	22.05 1.63 -5.00	21.13 1.55 -4.57	21.62 1.63 -4.81	22.46 1.79 -4.41	27.12 1.98 -7.58	28.40 2.28 -6.75	30.19 3.11 -2.37	31.27 3.23 -3.38	33.20 2.87 -6.82	35.39 2.87 -8.81	34.09 3.05 -6.40	32.41 2.71 -7.32	32.20 2.76 -7.02	32.97 2.53 -9.84	31.52 2.61 -7.47	34.27 2.80 -9.42	36.70 3.00 -10.49	35.57 3.28 -7.45	43.34 3.30 -15.22	33.89 2.75 -9.63	29.08 2.25 -8.96	25.06 1.62 -8.75
PORT_JEFF_4 23616	25.48 2.66 -0.43	23.70 2.31 -1.51	22.05 1.63 -5.00	21.13 1.55 -4.57	21.62 1.63 -4.81	22.46 1.79 -4.41	27.12 1.98 -7.58	28.40 2.28 -6.75	30.19 3.11 -2.37	31.27 3.23 -3.38	33.20 2.87 -6.82	35.39 2.87 -8.81	34.09 3.05 -6.40	32.41 2.71 -7.32	32.20 2.76 -7.02	32.97 2.53 -9.84	31.52 2.61 -7.47	34.27 2.80 -9.42	36.70 3.00 -10.49	35.57 3.28 -7.45	43.34 3.30 -15.22	33.89 2.75 -9.63	29.08 2.25 -8.96	25.06 1.62 -8.75
PORT_JEFF_IC 23713	25.50 2.68 -0.43	23.70 2.31 -1.51	22.07 1.65 -5.00	21.15 1.56 -4.57	21.64 1.64 -4.81	22.47 1.80 -4.41	27.15 2.02 -7.58	28.44 2.32 -6.75	30.24 3.16 -2.37	31.32 3.28 -3.38	33.25 2.91 -6.82	35.43 2.92 -8.81	34.11 3.08 -6.40	32.45 2.75 -7.32	32.24 2.80 -7.02	33.01 2.57 -9.84	31.54 2.64 -7.47	34.31 2.85 -9.42	36.74 3.04 -10.49	35.62 3.33 -7.45	43.39 3.35 -15.22	33.91 2.77 -9.63	29.10 2.27 -8.96	25.07 1.63 -8.75
PPL PILGRIM_ST_GT1 24216	25.63 2.82 -0.43	23.82 2.43 -1.51	22.14 1.73 -5.00	21.22 1.64 -4.57	21.68 1.69 -4.81	22.52 1.85 -4.41	27.19 2.05 -7.58	28.48 2.36 -6.75	30.36 3.29 -2.37	31.42 3.38 -3.38	33.37 3.03 -6.82	35.55 3.04 -8.81	34.23 3.20 -6.40	32.59 2.89 -7.32	32.35 2.91 -7.02	33.09 2.66 -9.84	31.68 2.77 -7.47	34.42 2.96 -9.42	36.83 3.13 -10.49	35.74 3.45 -7.45	43.52 3.48 -15.22	34.04 2.90 -9.63	29.19 2.36 -8.96	25.17 1.73 -8.75
PPL PILGRIM_ST_GT2 24217	25.63 2.82 -0.43	23.82 2.43 -1.51	22.14 1.73 -5.00	21.22 1.64 -4.57	21.68 1.69 -4.81	22.52 1.85 -4.41	27.19 2.05 -7.58	28.48 2.36 -6.75	30.36 3.29 -2.37	31.42 3.38 -3.38	33.37 3.03 -6.82	35.55 3.04 -8.81	34.23 3.20 -6.40	32.59 2.89 -7.32	32.35 2.91 -7.02	33.09 2.66 -9.84	31.68 2.77 -7.47	34.42 2.96 -9.42	36.83 3.13 -10.49	35.74 3.45 -7.45	43.52 3.48 -15.22	34.04 2.90 -9.63	29.19 2.36 -8.96	25.17 1.73 -8.75
PPL_SHRM_GT3 24213	25.19 2.37 -0.43	23.45 2.05 -1.51	21.87 1.45 -5.00	20.96 1.38 -4.57	21.50 1.50 -4.81	22.33 1.66 -4.41	26.93 1.79 -7.58	28.19 2.07 -6.75	29.80 2.72 -2.37	30.90 2.86 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.66 2.23 -9.84	31.18 2.27 -7.47	33.96 2.49 -9.42	36.37 2.67 -10.49	35.22 2.93 -7.45	43.02 2.98 -15.22	33.56 2.43 -9.63	28.83 2.00 -8.96	24.88 1.44 -8.75
PPL_SHRM_GT4 24214	25.19 2.37 -0.43	23.45 2.05 -1.51	21.87 1.45 -5.00	20.96 1.38 -4.57	21.50 1.50 -4.81	22.33 1.66 -4.41	26.93 1.79 -7.58	28.19 2.07 -6.75	29.80 2.72 -2.37	30.90 2.86 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.66 2.23 -9.84	31.18 2.27 -7.47	33.96 2.49 -9.42	36.37 2.67 -10.49	35.22 2.93 -7.45	43.02 2.98 -15.22	33.56 2.43 -9.63	28.83 2.00 -8.96	24.88 1.44 -8.75
PROJECT____ORANGE 1 24174	22.46 0.00 -0.08	20.08 0.00 -0.19	15.95 0.00 -0.54	15.52 0.02 -0.49	15.72 0.02 -0.51	16.76 0.03 -0.47	18.43 0.05 -0.82	20.15 0.04 -0.75	25.00 0.00 -0.29	25.08 0.02 -0.40	24.19 0.02 -0.66	24.22 0.02 -0.49	24.99 0.05 -0.31	22.69 0.02 -0.29	22.60 0.02 -0.16	20.92 0.02 -0.31	21.76 0.02 -0.30	22.92 0.04 -0.83	24.12 0.02 -0.88	25.72 0.07 -0.81	25.87 0.05 -1.00	22.26 0.04 -0.71	18.68 0.05 -0.76	15.68 0.07 -0.92
PROJECT____ORANGE 2 24166	22.46 0.00 -0.08	20.08 0.00 -0.19	15.95 0.00 -0.54	15.52 0.02 -0.49	15.72 0.02 -0.51	16.76 0.03 -0.47	18.43 0.05 -0.82	20.15 0.04 -0.75	25.00 0.00 -0.29	25.08 0.02 -0.40	24.19 0.02 -0.66	24.22 0.02 -0.49	24.99 0.05 -0.31	22.69 0.02 -0.29	22.60 0.02 -0.16	20.92 0.02 -0.31	21.76 0.02 -0.30	22.92 0.04 -0.83	24.12 0.02 -0.88	25.72 0.07 -0.81	25.87 0.05 -1.00	22.26 0.04 -0.71	18.68 0.05 -0.76	15.68 0.07 -0.92
PUCKETT____SOLAR 323809	23.43 0.90 -0.15	21.21 0.80 -0.53	17.69 0.52 -1.75	17.08 0.47 -1.60	17.34 0.47 -1.68	18.31 0.50 -1.54	20.86 0.65 -2.65	22.56 0.83 -2.36	26.60 1.06 -0.83	26.90 1.06 -1.18	26.56 1.01 -2.04	26.20 1.02 -1.47	26.60 1.08 -0.89	24.20 0.96 -0.86	23.85 0.99 -0.45	22.31 0.72 -1.00	23.17 0.75 -0.98	25.54 0.79 -2.70	26.99 0.90 -2.87	28.61 1.19 -2.58	29.18 1.19 -3.16	24.67 0.92 -2.24	21.00 0.62 -2.51	18.28 0.54 -3.05
PYRITES____HYD 24023	21.87 -0.51 -0.01	19.47 -0.44 -0.02	15.14 -0.34 -0.06	14.70 -0.38 -0.06	14.88 -0.36 -0.06	15.91 -0.41 -0.05	17.23 -0.42 -0.09	18.89 -0.56 -0.08	23.82 -0.91 -0.03	23.81 -0.89 -0.04	22.76 -0.82 -0.07	22.96 -0.81 -0.05	23.75 -0.91 -0.03	21.60 -0.81 -0.03	21.61 -0.83 -0.02	19.87 -0.76 -0.04	20.68 -0.79 -0.03	21.33 -0.82 -0.09	22.55 -0.77 -0.10	23.75 -0.92 0.17	23.69 -0.87 0.26	20.06 -0.82 0.62	17.29 -0.66 -0.09	14.31 -0.48 -0.11
QUAKERRD_115KV_BK1 80622	21.91 -0.45 0.02	19.63 -0.38 -0.12	15.78 -0.22 -0.59	15.46 -0.11 -0.55	15.67 -0.09 -0.58	16.71 -0.08 -0.53	18.21 -0.23 -0.88	19.80 -0.31 -0.74	24.45 -0.44 -0.19	24.53 -0.44 -0.32	23.68 -0.45 -0.62	23.68 -0.45 -0.42	24.38 -0.47 -0.21	22.19 -0.43 -0.24	22.14 -0.38 -0.10	20.79 -0.14 -0.33	21.64 -0.13 -0.33	22.80 -0.15 -0.90	23.96 -0.21 -0.96	25.31 -0.40 -0.87	25.44 -0.42 -1.04	21.98 -0.28 -0.76	18.67 -0.07 -0.88	15.78 0.03 -1.06

QUENSBRY_I15KV_TB8 356137	24.44	23.13	22.72	21.75	22.27	22.91	28.38	29.32	29.74	31.08	32.94	31.07	29.90	27.30	25.90	25.72	26.63	33.47	35.43	36.20	37.88	31.33	28.27	26.67
	1.50	1.33	1.00	0.98	1.02	1.09	1.26	1.43	2.03	2.15	2.05	2.04	2.04	1.81	1.86	1.52	1.65	1.70	1.86	2.04	2.01	1.74	1.34	0.98
	-0.55	-1.91	-6.31	-5.75	-6.06	-5.56	-9.56	-8.51	-3.00	-4.28	-7.39	-5.32	-3.23	-3.11	-1.62	-3.60	-3.54	-9.72	-10.36	-9.32	-11.05	-8.09	-9.06	-11.00
RAMAPO____LBMP 323565	24.82	23.14	21.64	20.74	21.15	21.90	26.43	27.61	29.36	30.28	31.43	30.01	29.48	26.90	25.75	25.32	26.16	31.70	33.49	34.61	36.56	29.91	26.55	24.54
	1.99	1.75	1.29	1.23	1.23	1.30	1.40	1.59	2.30	2.27	2.14	2.13	2.32	2.08	2.06	1.92	1.95	2.05	2.18	2.48	2.51	2.09	1.61	1.26
	-0.44	-1.50	-4.93	-4.49	-4.73	-4.34	-7.47	-6.66	-2.35	-3.35	-5.78	-4.16	-2.53	-2.44	-1.27	-2.81	-2.77	-7.60	-8.10	-7.29	-9.23	-6.32	-7.08	-8.59
RANKINE____ 23646	21.27	19.18	15.55	15.07	15.26	16.24	18.25	19.58	23.78	23.95	23.26	23.15	23.74	21.72	21.71	20.06	20.83	22.15	23.47	25.21	25.29	21.68	18.26	15.70
	-0.72	-0.58	-0.57	-0.68	-0.70	-0.72	-0.37	-0.46	-0.74	-0.69	-0.68	-0.71	-0.74	-0.72	-0.58	-0.95	-1.01	-0.99	-0.91	-0.67	-0.70	-0.73	-0.86	-0.50
	0.39	0.13	-0.71	-0.72	-0.77	-0.69	-1.06	-0.68	0.19	0.01	-0.43	-0.15	0.15	-0.06	0.13	-0.41	-0.40	-1.09	-1.16	-1.04	-1.16	-0.91	-1.25	-1.51
RAVENSWOOD_GT2_1 24244	25.10	23.41	21.90	20.98	21.41	22.16	26.77	27.94	29.70	30.60	31.77	30.35	29.82	27.22	26.06	25.64	26.49	32.14	33.96	35.04	37.03	30.26	26.90	24.89
	2.28	2.01	1.48	1.40	1.41	1.50	1.63	1.82	2.62	2.56	2.40	2.42	2.64	2.37	2.35	2.18	2.23	2.38	2.53	2.81	2.85	2.34	1.82	1.45
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT2_2 24245	25.10	23.41	21.90	20.98	21.41	22.16	26.77	27.94	29.70	30.60	31.77	30.35	29.82	27.22	26.06	25.64	26.49	32.14	33.96	35.04	37.03	30.26	26.90	24.89
	2.28	2.01	1.48	1.40	1.41	1.50	1.63	1.82	2.62	2.56	2.40	2.42	2.64	2.37	2.35	2.18	2.23	2.38	2.53	2.81	2.85	2.34	1.82	1.45
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT2_3 24246	25.10	23.43	21.90	20.99	21.41	22.16	26.77	27.96	29.72	30.60	31.80	30.37	29.85	27.22	26.08	25.66	26.49	32.14	33.96	35.04	37.03	30.26	26.90	24.89
	2.28	2.03	1.48	1.41	1.41	1.50	1.63	1.84	2.64	2.56	2.42	2.44	2.66	2.37	2.38	2.20	2.23	2.38	2.53	2.81	2.85	2.34	1.82	1.45
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT2_4 24247	25.10	23.43	21.90	20.99	21.41	22.16	26.77	27.96	29.72	30.60	31.80	30.37	29.85	27.22	26.08	25.66	26.49	32.14	33.96	35.04	37.03	30.26	26.90	24.89
	2.28	2.03	1.48	1.41	1.41	1.50	1.63	1.84	2.64	2.56	2.42	2.44	2.66	2.37	2.38	2.20	2.23	2.38	2.53	2.81	2.85	2.34	1.82	1.45
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT3_1 24248	25.10	23.43	21.90	20.98	21.41	22.16	26.75	27.94	29.70	30.58	31.77	30.35	29.82	27.22	26.06	25.64	26.49	32.14	33.96	35.04	37.03	30.26	26.90	24.89
	2.28	2.03	1.48	1.40	1.41	1.50	1.61	1.82	2.62	2.54	2.40	2.42	2.64	2.37	2.35	2.18	2.23	2.38	2.53	2.81	2.85	2.34	1.82	1.45
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT3_2 24249	25.10	23.43	21.90	20.98	21.41	22.16	26.75	27.94	29.70	30.58	31.77	30.35	29.82	27.22	26.06	25.64	26.49	32.14	33.96	35.04	37.03	30.26	26.90	24.89
	2.28	2.03	1.48	1.40	1.41	1.50	1.61	1.82	2.62	2.54	2.40	2.42	2.64	2.37	2.35	2.18	2.23	2.38	2.53	2.81	2.85	2.34	1.82	1.45
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT3_3 24250	25.12	23.45	21.91	20.99	21.43	22.18	26.79	27.96	29.75	30.63	31.80	30.39	29.87	27.24	26.10	25.66	26.51	32.16	33.99	35.06	37.06	30.28	26.92	24.91
	2.31	2.05	1.49	1.41	1.43	1.51	1.65	1.84	2.67	2.59	2.42	2.47	2.69	2.40	2.40	2.20	2.25	2.40	2.55	2.83	2.88	2.37	1.84	1.47
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT3_4 24251	25.12	23.45	21.91	20.99	21.43	22.18	26.79	27.96	29.75	30.63	31.80	30.39	29.87	27.24	26.10	25.66	26.51	32.16	33.99	35.06	37.06	30.28	26.92	24.91
	2.31	2.05	1.49	1.41	1.43	1.51	1.65	1.84	2.67	2.59	2.42	2.47	2.69	2.40	2.40	2.20	2.25	2.40	2.55	2.83	2.88	2.37	1.84	1.47
	-0.43	-1.51	-5.00	-4.56	-4.81	-4.41	-7.58	-6.75	-2.37	-3.38	-5.86	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT_1 23729	25.22	23.54	21.98	21.08	21.50	22.25	26.87	28.06	29.85	30.74	31.92	30.50	29.98	27.34	26.20	25.75	26.60	32.26	34.09	35.17	37.17	30.37	27.00	24.97
	2.40	2.13	1.56	1.49	1.49	1.58	1.72	1.94	2.77	2.69	2.54	2.56	2.78	2.48	2.49	2.29	2.34	2.49	2.65	2.93	2.98	2.45	1.91	1.53
	-0.44	-1.52	-5.01	-4.57	-4.82	-4.42	-7.59	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.23	-7.40	-9.36	-6.42	-7.22	-8.76
RAVENSWOOD_GT_10 24258	25.10	23.41	21.90	20.98	21.41	22.16	26.75	27.94	29.70	30.58	31.77	30.35	29.82	27.22	26.06	25.64	26.47	32.14	33.94	35.01	37.03	30.24	26.90	24.89
	2.28	2.01	1.48	1.40	1.41	1.50	1.61	1.82	2.62	2.54	2.40	2.42	2.64	2.37	2.35	2.18	2.21	2.38	2.51	2.78	2.85	2.32	1.82	1.45
	-0.43	-1.51	-5.00	-4.57	-4.81	-4.41	-7.58	-6.75	-2.37	-3.39	-5.87	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT_11 24259	25.10	23.41	21.90	20.98	21.41	22.16	26.75	27.94	29.70	30.58	31.77	30.35	29.82	27.22	26.06	25.64	26.47	32.14	33.94	35.01	37.03	30.24	26.90	24.89
	2.28	2.01	1.48	1.40	1.41	1.50	1.61	1.82	2.62	2.54	2.40	2.42	2.64	2.37	2.35	2.18	2.21	2.38	2.51	2.78	2.85	2.32	1.82	1.45
	-0.43	-1.51	-5.00	-4.57	-4.81	-4.41	-7.58	-6.75	-2.37	-3.39	-5.87	-4.22	-2.56	-2.47	-1.28	-2.86	-2.82	-7.71	-8.22	-7.39	-9.36	-6.41	-7.21	-8.75
RAVENSWOOD_GT_4 24252	25.08	23.39	21.89	20.97	21.39	22.15	26.76	27.92	29.68	30.56	31.75	30.33	29.80	27.20	26.04	25.63	26.47	32.13	33.92	35.00	37.01	30.24	26.89	24.87
	2.26	1.99	1.47	1.38	1.38	1.48	1.61	1.80	2.59	2.52	2.37	2.39	2.61	2.35	2.33	2.16	2.21	2.36	2.49	2.76	2.83	2.32	1.80	1.42
	-0.44	-1.52	-5.01	-4.57	-4.81	-4.41	-7.58	-6.75	-2.38	-3.39	-5.87	-4.23	-2.56	-2.48	-1.29	-2.87	-2.82	-7.72	-8.22	-7.40	-9.36	-6.42	-7.22	-8.76

RAVENSWOOD_GT_5 24254	25.08 2.26 -0.44	23.39 1.99 -1.52	21.89 1.47 -5.01	20.97 1.38 -4.57	21.39 1.38 -4.81	22.15 1.48 -4.41	26.76 1.61 -7.58	27.92 1.80 -6.75	29.68 2.59 -2.38	30.56 2.52 -3.39	31.75 2.37 -5.87	30.33 2.39 -4.23	29.80 2.61 -2.56	27.20 2.35 -2.48	26.04 2.33 -1.29	25.63 2.16 -2.87	26.47 2.21 -2.82	32.13 2.36 -7.72	33.92 2.49 -8.22	35.00 2.76 -7.40	37.01 2.83 -9.36	30.24 2.32 -6.42	26.89 1.80 -7.22	24.87 1.42 -8.76
RAVENSWOOD_GT_6 24253	25.08 2.26 -0.44	23.39 1.99 -1.52	21.89 1.47 -5.01	20.97 1.38 -4.57	21.39 1.38 -4.81	22.15 1.48 -4.41	26.76 1.61 -7.58	27.92 1.80 -6.75	29.68 2.59 -2.38	30.56 2.52 -3.39	31.75 2.37 -5.87	30.33 2.39 -4.23	29.80 2.61 -2.56	27.20 2.35 -2.48	26.04 2.33 -1.29	25.63 2.16 -2.87	26.47 2.21 -2.82	32.13 2.36 -7.72	33.92 2.49 -8.22	35.00 2.76 -7.40	37.01 2.83 -9.36	30.24 2.32 -6.42	26.89 1.80 -7.22	24.87 1.42 -8.76
RAVENSWOOD_GT_7 24255	25.08 2.26 -0.44	23.39 1.99 -1.52	21.89 1.47 -5.01	20.97 1.38 -4.57	21.39 1.38 -4.81	22.15 1.48 -4.41	26.76 1.61 -7.58	27.92 1.80 -6.75	29.68 2.59 -2.38	30.56 2.52 -3.39	31.75 2.37 -5.87	30.33 2.39 -4.23	29.80 2.61 -2.56	27.20 2.35 -2.48	26.04 2.33 -1.29	25.63 2.16 -2.87	26.47 2.21 -2.82	32.13 2.36 -7.72	33.92 2.49 -8.22	35.00 2.76 -7.40	37.01 2.83 -9.36	30.24 2.32 -6.42	26.89 1.80 -7.22	24.87 1.42 -8.76
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.57	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.39	31.77 2.40 -5.87	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.47 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.24 2.32 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
RAVENSWOOD_GT_9 24257	25.10 2.28 -0.43	23.41 2.01 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.57	21.41 1.41 -4.81	22.16 1.50 -4.41	26.75 1.61 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.58 2.54 -3.39	31.77 2.40 -5.87	30.35 2.42 -4.22	29.82 2.64 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.47 2.21 -2.82	32.14 2.38 -7.71	33.94 2.51 -8.22	35.01 2.78 -7.39	37.03 2.85 -9.36	30.24 2.32 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
RAVENSWOOD___1 23533	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.08 1.49 -4.57	21.50 1.49 -4.82	22.25 1.58 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.34 2.48 -2.48	26.20 2.49 -1.29	25.75 2.29 -2.87	26.60 2.34 -2.82	32.26 2.49 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.37 2.45 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
RAVENSWOOD___2 23534	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.08 1.49 -4.57	21.50 1.49 -4.82	22.25 1.58 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.34 2.48 -2.48	26.20 2.49 -1.29	25.75 2.29 -2.87	26.60 2.34 -2.82	32.26 2.49 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.37 2.45 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
RAVENSWOOD___3 23535	25.10 2.28 -0.43	23.43 2.03 -1.51	21.90 1.48 -5.00	20.98 1.40 -4.56	21.41 1.41 -4.81	22.16 1.50 -4.41	26.77 1.63 -7.58	27.94 1.82 -6.75	29.70 2.62 -2.37	30.60 2.56 -3.38	31.77 2.40 -5.86	30.35 2.42 -4.22	29.85 2.66 -2.56	27.22 2.37 -2.47	26.06 2.35 -1.28	25.64 2.18 -2.86	26.49 2.23 -2.82	32.14 2.38 -7.71	33.96 2.53 -8.22	35.04 2.81 -7.39	37.03 2.85 -9.36	30.26 2.34 -6.41	26.90 1.82 -7.21	24.89 1.45 -8.75
RAVENSWOOD___4 23820	25.22 2.40 -0.44	23.54 2.13 -1.52	21.98 1.56 -5.01	21.08 1.49 -4.57	21.50 1.49 -4.82	22.25 1.58 -4.42	26.87 1.72 -7.59	28.06 1.94 -6.75	29.85 2.77 -2.38	30.74 2.69 -3.39	31.92 2.54 -5.87	30.50 2.56 -4.23	29.98 2.78 -2.56	27.34 2.48 -2.48	26.20 2.49 -1.29	25.75 2.29 -2.87	26.60 2.34 -2.82	32.26 2.49 -7.72	34.09 2.65 -8.23	35.17 2.93 -7.40	37.17 2.98 -9.36	30.37 2.45 -6.42	27.00 1.91 -7.22	24.97 1.53 -8.76
RCPL_TRUST___DRP 24196	25.14 2.31 -0.45	23.44 2.03 -1.53	21.91 1.48 -5.02	21.01 1.41 -4.58	21.42 1.41 -4.82	22.18 1.50 -4.42	26.78 1.62 -7.60	27.97 1.82 -6.78	29.75 2.64 -2.40	30.63 2.56 -3.41	31.79 2.40 -5.88	30.39 2.44 -4.24	29.87 2.66 -2.57	27.23 2.37 -2.48	26.09 2.38 -1.29	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.40 -7.74	33.99 2.53 -8.24	35.09 2.83 -7.42	37.10 2.85 -9.42	30.30 2.37 -6.43	26.90 1.82 -7.21	24.89 1.45 -8.75
RED___ROCHESTER 323720	22.13 -0.31 -0.06	19.83 -0.26 -0.20	15.98 -0.11 -0.67	15.63 0.00 -0.62	15.85 0.02 -0.65	16.89 0.03 -0.59	18.47 -0.10 -1.02	20.12 -0.16 -0.91	24.75 -0.27 -0.32	24.84 -0.27 -0.46	24.02 -0.28 -0.79	23.99 -0.28 -0.57	24.70 -0.27 -0.34	22.46 -0.25 -0.33	22.44 -0.16 -0.17	21.08 0.10 -0.38	21.93 0.11 -0.38	23.18 0.09 -1.04	24.37 0.05 -1.11	25.66 -0.17 -1.00	25.80 -0.22 -1.20	22.32 -0.04 -0.86	18.94 0.11 -0.97	16.03 0.16 -1.18
REGAN___SOLAR 323812	25.16 2.17 -0.61	23.95 1.93 -2.13	23.92 1.43 -7.07	22.85 1.38 -6.45	23.45 1.46 -6.80	24.07 1.58 -6.23	29.83 1.56 -10.71	30.57 1.67 -9.54	30.31 2.25 -3.35	31.76 2.32 -4.79	34.11 2.33 -8.27	31.91 2.25 -5.95	30.33 2.09 -3.60	27.85 1.99 -3.48	26.31 2.09 -1.81	26.42 1.79 -4.04	27.32 1.91 -3.97	34.98 2.03 -10.90	37.15 2.32 -11.62	37.92 2.63 -10.45	39.95 2.66 -12.46	32.80 2.24 -9.06	29.75 1.72 -10.17	28.53 1.50 -12.34
RENSSELAER___COGEN 23796	23.71 0.80 -0.52	22.43 0.71 -1.83	22.00 0.54 -6.05	21.10 0.56 -5.52	21.57 0.56 -5.81	22.18 0.58 -5.33	27.37 0.65 -9.17	28.24 0.72 -8.16	28.61 1.04 -2.87	29.78 1.04 -4.09	31.59 1.01 -7.07	29.84 1.04 -5.09	28.77 1.06 -3.08	26.30 0.94 -2.98	24.93 0.96 -1.55	24.89 0.84 -3.45	25.74 0.90 -3.40	32.28 0.90 -9.33	34.10 0.95 -9.94	34.82 1.04 -8.94	36.44 1.02 -10.60	30.14 0.88 -7.75	27.26 0.70 -8.70	25.77 0.53 -10.55
REPUBLIC_115KV_BARTNBRK 55605	25.42 2.48 -0.55	24.01 2.21 -1.91	23.40 1.68 -6.30	22.39 1.62 -5.75	22.96 1.72 -6.06	23.62 1.80 -5.55	29.21 2.11 -9.55	30.12 2.25 -8.51	30.89 3.19 -3.00	32.38 3.45 -4.28	34.23 3.34 -7.38	32.34 3.32 -5.31	31.18 3.33 -3.22	28.35 2.86 -3.11	26.98 2.94 -1.62	26.52 2.33 -3.60	27.55 2.57 -3.54	34.39 2.62 -9.72	36.47 2.90 -10.35	37.38 3.23 -9.32	39.04 3.18 -11.04	32.27 2.69 -8.08	28.99 2.07 -9.06	27.28 1.60 -10.99
REVERE_CPPR_DRP 24186	23.08 0.63 -0.07	20.56 0.56 -0.12	16.09 0.39 -0.29	15.63 0.35 -0.26	15.83 0.36 -0.28	16.89 0.37 -0.25	18.48 0.47 -0.45	20.24 0.45 -0.42	25.46 0.57 -0.19	25.44 0.54 -0.24	24.41 0.52 -0.38	24.54 0.55 -0.29	25.44 0.62 -0.19	23.02 0.47 -0.17	22.95 0.43 -0.10	21.11 0.35 -0.17	21.99 0.39 -0.16	22.94 0.44 -0.45	24.21 0.51 -0.48	25.95 0.65 -0.47	26.03 0.62 -0.59	22.43 0.47 -0.46	18.64 0.38 -0.40	15.54 0.37 -0.49

REYNOLDS_115KV_TB3 80639	23.94 1.03 -0.53	22.62 0.91 -1.82	22.10 0.69 -6.00	21.18 0.69 -5.47	21.65 0.70 -5.76	22.29 0.75 -5.28	27.47 0.83 -9.09	28.36 0.89 -8.10	28.87 1.31 -2.86	30.03 1.31 -4.07	31.78 1.25 -7.02	30.05 1.28 -5.06	29.01 1.31 -3.07	26.53 1.19 -2.96	25.17 1.21 -1.54	25.09 1.07 -3.42	25.92 1.11 -3.37	32.42 1.12 -9.25	34.27 1.21 -9.85	35.00 1.29 -8.87	36.60 1.27 -10.51	30.29 1.10 -7.69	27.38 0.89 -8.62	25.81 0.66 -10.46
RIVERBAY____ 323610	25.35 2.51 -0.46	23.65 2.23 -1.53	22.09 1.65 -5.03	21.17 1.56 -4.59	21.60 1.58 -4.83	22.40 1.71 -4.43	26.96 1.79 -7.61	28.05 1.90 -6.79	29.80 2.69 -2.41	30.74 2.66 -3.42	31.89 2.49 -5.89	30.44 2.49 -4.25	29.90 2.68 -2.58	27.28 2.42 -2.49	26.12 2.40 -1.30	25.69 2.22 -2.87	26.54 2.27 -2.83	32.22 2.43 -7.74	34.04 2.58 -8.25	35.12 2.86 -7.43	37.16 2.90 -9.43	30.40 2.45 -6.44	26.98 1.89 -7.22	25.06 1.62 -8.76
RIVERSDE_115KV_TB3 55908	23.79 0.87 -0.53	22.52 0.80 -1.83	22.06 0.60 -6.04	21.13 0.60 -5.51	21.60 0.61 -5.80	22.23 0.65 -5.32	27.43 0.72 -9.15	28.30 0.77 -8.15	28.72 1.14 -2.88	29.91 1.16 -4.10	31.71 1.13 -7.07	29.96 1.16 -5.09	28.91 1.18 -3.09	26.41 1.05 -2.98	25.05 1.08 -1.55	24.99 0.95 -3.45	25.82 0.99 -3.39	32.35 0.99 -9.31	34.21 1.07 -9.92	34.91 1.14 -8.93	36.55 1.12 -10.61	30.21 0.97 -7.74	27.31 0.77 -8.68	25.79 0.57 -10.53
ROARING____BROOK_WT_PWR 323790	21.62 -0.76 0.00	19.15 -0.74 0.00	14.80 -0.62 0.00	14.37 -0.65 0.00	14.51 -0.68 0.00	15.50 -0.76 0.00	16.68 -0.88 0.00	18.36 -1.01 0.00	23.37 -1.33 0.00	23.32 -1.33 0.00	22.22 -1.29 0.00	22.38 -1.33 0.00	23.23 -1.40 0.00	21.10 -1.27 0.00	21.14 -1.28 0.00	19.46 -1.13 0.00	20.26 -1.18 0.00	20.84 -1.21 0.00	21.94 -1.28 0.00	23.33 -1.44 0.06	23.29 -1.44 0.09	20.08 -1.25 0.17	16.85 -1.02 0.00	13.85 -0.84 0.00
ROCHESRG_115KV_T4 355643	21.80 -0.54 0.05	19.54 -0.46 -0.11	15.76 -0.26 -0.61	15.47 -0.12 -0.57	15.67 -0.12 -0.61	16.70 -0.11 -0.55	18.18 -0.30 -0.92	19.76 -0.37 -0.76	24.34 -0.54 -0.18	24.42 -0.54 -0.31	23.60 -0.54 -0.63	23.58 -0.55 -0.42	24.29 -0.54 -0.20	22.10 -0.51 -0.24	22.09 -0.43 -0.09	20.78 -0.16 -0.35	21.63 -0.15 -0.34	22.79 -0.20 -0.94	23.96 -0.26 -1.00	25.25 -0.50 -0.91	25.39 -0.52 -1.08	21.95 -0.34 -0.79	18.68 -0.11 -0.93	15.84 0.03 -1.12
ROCHESTER_9_IC 23652	21.96 -0.40 0.02	19.66 -0.36 -0.13	15.87 -0.17 -0.62	15.54 -0.06 -0.58	15.76 -0.05 -0.61	16.79 -0.03 -0.56	18.30 -0.19 -0.94	19.91 -0.25 -0.79	24.52 -0.40 -0.21	24.60 -0.39 -0.34	23.77 -0.40 -0.66	23.75 -0.40 -0.45	24.47 -0.39 -0.23	22.28 -0.36 -0.26	22.24 -0.29 -0.11	20.93 -0.02 -0.36	21.79 0.00 -0.35	22.96 -0.04 -0.96	24.14 -0.09 -1.02	25.44 -0.32 -0.92	25.59 -0.35 -1.11	22.12 -0.19 -0.81	18.81 0.02 -0.93	15.92 0.10 -1.13
ROCKVIEW_13_KV_LD 356306	25.05 2.22 -0.45	23.40 1.99 -1.53	21.87 1.43 -5.02	20.96 1.37 -4.58	21.38 1.37 -4.82	22.13 1.45 -4.42	26.76 1.60 -7.60	27.95 1.80 -6.78	29.70 2.59 -2.40	30.61 2.54 -3.41	31.79 2.40 -5.88	30.37 2.42 -4.24	29.84 2.64 -2.57	27.21 2.35 -2.48	26.05 2.33 -1.29	25.62 2.16 -2.86	26.47 2.21 -2.82	32.14 2.36 -7.74	33.94 2.48 -8.24	35.04 2.78 -7.42	37.05 2.81 -9.42	30.26 2.32 -6.43	26.86 1.79 -7.21	24.86 1.42 -8.75
ROME____115KV_TB2 80656	23.08 0.63 -0.07	20.56 0.56 -0.12	16.09 0.39 -0.29	15.63 0.35 -0.26	15.83 0.36 -0.28	16.89 0.37 -0.25	18.48 0.47 -0.45	20.24 0.45 -0.42	25.46 0.57 -0.19	25.44 0.54 -0.24	24.41 0.52 -0.38	24.54 0.55 -0.29	25.44 0.62 -0.19	23.02 0.47 -0.17	22.95 0.43 -0.10	21.11 0.35 -0.17	21.99 0.39 -0.16	22.94 0.44 -0.45	24.21 0.51 -0.48	25.95 0.65 -0.47	26.03 0.62 -0.59	22.43 0.47 -0.46	18.64 0.38 -0.40	15.54 0.37 -0.49
ROSETON____1 23587	24.58 1.77 -0.43	22.98 1.57 -1.52	21.63 1.19 -5.03	20.75 1.14 -4.59	21.17 1.14 -4.84	21.90 1.20 -4.43	26.51 1.33 -7.62	27.63 1.47 -6.79	29.24 2.15 -2.39	30.15 2.09 -3.40	31.39 2.00 -5.88	29.93 1.99 -4.23	29.34 2.14 -2.56	26.80 1.95 -2.48	25.64 1.93 -1.29	25.24 1.77 -2.87	26.09 1.82 -2.82	31.72 1.92 -7.76	33.50 2.02 -8.27	34.54 2.26 -7.44	36.57 2.31 -9.43	29.84 1.89 -6.45	26.58 1.48 -7.23	24.64 1.18 -8.78
ROSETON____2 23588	24.58 1.77 -0.43	22.98 1.57 -1.52	21.63 1.19 -5.03	20.75 1.14 -4.59	21.17 1.14 -4.84	21.90 1.20 -4.43	26.51 1.33 -7.62	27.63 1.47 -6.79	29.24 2.15 -2.39	30.15 2.09 -3.40	31.39 2.00 -5.88	29.93 1.99 -4.23	29.34 2.14 -2.56	26.80 1.95 -2.48	25.64 1.93 -1.29	25.24 1.77 -2.87	26.09 1.82 -2.82	31.72 1.92 -7.76	33.50 2.02 -8.27	34.54 2.26 -7.44	36.57 2.31 -9.43	29.84 1.89 -6.45	26.58 1.48 -7.23	24.64 1.18 -8.78
ROTTSDAM_115KV_TB3 80664	24.02 1.07 -0.56	22.78 0.95 -1.94	22.53 0.72 -6.39	21.55 0.71 -5.83	22.04 0.71 -6.14	22.65 0.76 -5.63	28.10 0.86 -9.68	28.92 0.93 -8.62	29.06 1.31 -3.04	30.32 1.33 -4.33	32.26 1.27 -7.48	30.38 1.28 -5.38	29.20 1.31 -3.27	26.70 1.16 -3.15	25.25 1.19 -1.64	25.29 1.05 -3.65	26.12 1.09 -3.59	33.02 1.12 -9.85	34.94 1.23 -10.49	35.62 1.34 -9.44	37.36 1.32 -11.22	30.83 1.14 -8.19	27.94 0.89 -9.18	26.53 0.71 -11.14
RUSSELL____1 23602	22.05 -0.31 0.02	19.76 -0.26 -0.13	15.93 -0.11 -0.62	15.60 0.00 -0.58	15.82 0.02 -0.61	16.85 0.03 -0.56	18.37 -0.12 -0.94	20.01 -0.15 -0.79	24.64 -0.27 -0.21	24.72 -0.27 -0.34	23.89 -0.28 -0.66	23.88 -0.28 -0.45	24.59 -0.27 -0.23	22.39 -0.25 -0.26	22.37 -0.16 -0.11	21.05 0.10 -0.36	21.90 0.11 -0.35	23.10 0.09 -0.96	24.28 0.05 -1.02	25.59 -0.17 -0.92	25.71 -0.22 -1.11	22.25 -0.06 -0.81	18.90 0.11 -0.93	15.98 0.16 -1.13
RUSSELL____2 23532	22.05 -0.31 0.02	19.76 -0.26 -0.13	15.93 -0.11 -0.62	15.60 0.00 -0.58	15.82 0.02 -0.61	16.85 0.03 -0.56	18.37 -0.12 -0.94	20.01 -0.15 -0.79	24.64 -0.27 -0.21	24.72 -0.27 -0.34	23.89 -0.28 -0.66	23.88 -0.28 -0.45	24.59 -0.27 -0.23	22.39 -0.25 -0.26	22.37 -0.16 -0.11	21.05 0.10 -0.36	21.90 0.11 -0.35	23.10 0.09 -0.96	24.28 0.05 -1.02	25.59 -0.17 -0.92	25.71 -0.22 -1.11	22.25 -0.06 -0.81	18.90 0.11 -0.93	15.98 0.16 -1.13
RUSSELL____3 23549	22.05 -0.31 0.02	19.76 -0.26 -0.13	15.93 -0.11 -0.62	15.60 0.00 -0.58	15.82 0.02 -0.61	16.85 0.03 -0.56	18.37 -0.12 -0.94	20.01 -0.15 -0.79	24.64 -0.27 -0.21	24.72 -0.27 -0.34	23.89 -0.28 -0.66	23.88 -0.28 -0.45	24.59 -0.27 -0.23	22.39 -0.25 -0.26	22.37 -0.16 -0.11	21.05 0.10 -0.36	21.90 0.11 -0.35	23.10 0.09 -0.96	24.28 0.05 -1.02	25.59 -0.17 -0.92	25.71 -0.22 -1.11	22.25 -0.06 -0.81	18.90 0.11 -0.93	15.98 0.16 -1.13
RUSSELL____4 23556	22.05 -0.31 0.02	19.76 -0.26 -0.13	15.93 -0.11 -0.62	15.60 0.00 -0.58	15.82 0.02 -0.61	16.85 0.03 -0.56	18.37 -0.12 -0.94	20.01 -0.15 -0.79	24.64 -0.27 -0.21	24.72 -0.27 -0.34	23.89 -0.28 -0.66	23.88 -0.28 -0.45	24.59 -0.27 -0.23	22.39 -0.25 -0.26	22.37 -0.16 -0.11	21.05 0.10 -0.36	21.90 0.11 -0.35	23.10 0.09 -0.96	24.28 0.05 -1.02	25.59 -0.17 -0.92	25.71 -0.22 -1.11	22.25 -0.06 -0.81	18.90 0.11 -0.93	15.98 0.16 -1.13

RUSSELL___STATION 23914	22.05 -0.31 0.02	19.76 -0.26 -0.13	15.93 -0.11 -0.62	15.60 0.00 -0.58	15.82 0.02 -0.61	16.85 0.03 -0.56	18.37 -0.12 -0.94	20.01 -0.15 -0.79	24.64 -0.27 -0.21	24.72 -0.27 -0.34	23.89 -0.28 -0.66	23.88 -0.28 -0.45	24.59 -0.27 -0.23	22.39 -0.25 -0.26	22.37 -0.16 -0.11	21.05 0.10 -0.36	21.90 0.11 -0.35	23.10 0.09 -0.96	24.28 0.05 -1.02	25.59 -0.17 -0.92	25.71 -0.22 -1.11	22.25 -0.06 -0.81	18.90 0.11 -0.93	15.98 0.16 -1.13
S SALMON___HYD 24043	22.19 -0.22 -0.04	19.81 -0.20 -0.12	15.67 -0.15 -0.41	15.23 -0.16 -0.37	15.42 -0.17 -0.39	16.43 -0.19 -0.36	17.97 -0.21 -0.62	19.67 -0.25 -0.55	24.50 -0.40 -0.19	24.51 -0.42 -0.28	23.59 -0.40 -0.48	23.65 -0.40 -0.34	24.47 -0.37 -0.21	22.22 -0.36 -0.20	22.15 -0.38 -0.10	20.46 -0.37 -0.23	21.26 -0.41 -0.23	22.32 -0.35 -0.63	23.56 -0.33 -0.67	25.26 -0.22 -0.65	25.42 -0.20 -0.79	21.97 -0.17 -0.64	18.33 -0.12 -0.59	15.31 -0.09 -0.71
S.PERRY___115KV_TB1 80734	23.51 -0.54 -1.66	21.01 -0.48 -1.59	16.43 -0.35 -1.37	15.70 -0.33 -1.02	15.91 -0.33 -1.06	16.96 -0.31 -1.01	19.46 -0.26 -2.17	22.14 -0.08 -2.85	26.87 -0.27 -2.44	27.01 -0.27 -2.63	26.14 -0.38 -3.00	26.06 -0.36 -2.70	26.69 -0.39 -2.46	23.68 -0.38 -1.68	24.12 0.29 -1.40	21.56 0.19 -0.78	22.44 0.24 -0.76	24.55 0.37 -2.13	26.08 0.56 -2.31	27.63 0.67 -2.12	28.50 0.67 -3.00	23.95 0.60 -1.85	19.55 0.43 -1.26	16.65 0.44 -1.52
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.01 -0.98 0.39	18.92 -0.84 0.13	15.43 -0.68 -0.69	15.05 -0.68 -0.71	15.24 -0.70 -0.75	16.23 -0.70 -0.67	18.01 -0.58 -1.03	19.27 -0.76 -0.65	23.41 -1.11 0.19	23.57 -1.06 0.02	22.88 -1.03 -0.41	22.78 -1.07 -0.14	23.37 -1.11 0.16	21.40 -1.03 -0.05	21.35 -0.94 0.13	20.01 -0.99 -0.40	20.80 -1.03 -0.39	22.06 -1.06 -1.07	23.28 -1.07 -1.13	24.78 -1.07 -1.01	24.85 -1.09 -1.12	21.42 -0.97 -0.89	18.19 -0.89 -1.22	15.65 -0.51 -1.47
SAWYER___23_KV_LOAD 55526	21.01 -0.98 0.39	18.92 -0.84 0.13	15.43 -0.68 -0.69	15.05 -0.68 -0.71	15.24 -0.70 -0.75	16.23 -0.70 -0.67	18.01 -0.58 -1.03	19.27 -0.76 -0.65	23.41 -1.11 0.19	23.57 -1.06 0.02	22.88 -1.03 -0.41	22.78 -1.07 -0.14	23.37 -1.11 0.16	21.40 -1.03 -0.05	21.35 -0.94 0.13	20.01 -0.99 -0.40	20.80 -1.03 -0.39	22.06 -1.06 -1.07	23.28 -1.07 -1.13	24.78 -1.07 -1.01	24.85 -1.09 -1.12	21.42 -0.97 -0.89	18.19 -0.89 -1.22	15.65 -0.51 -1.47
SELKIRK___I 23801	23.81 0.92 -0.51	22.51 0.84 -1.79	21.98 0.63 -5.94	21.07 0.63 -5.42	21.53 0.64 -5.71	22.17 0.68 -5.23	27.32 0.77 -8.99	28.21 0.83 -8.01	28.66 1.14 -2.81	29.83 1.16 -4.02	31.58 1.13 -6.94	29.84 1.14 -4.99	28.81 1.16 -3.02	26.33 1.03 -2.92	24.99 1.05 -1.52	24.89 0.91 -3.39	25.74 0.97 -3.33	32.19 0.99 -9.15	34.01 1.05 -9.75	34.75 1.14 -8.77	36.43 1.14 -10.46	30.10 0.99 -7.61	27.19 0.79 -8.53	25.66 0.62 -10.36
SELKIRK___II 23799	23.77 0.87 -0.52	22.49 0.80 -1.81	22.01 0.60 -6.00	21.08 0.59 -5.47	21.54 0.59 -5.76	22.18 0.63 -5.28	27.34 0.70 -9.08	28.23 0.78 -8.09	28.66 1.11 -2.84	29.82 1.11 -4.06	31.58 1.06 -7.01	29.82 1.07 -5.04	28.80 1.11 -3.06	26.34 1.01 -2.95	24.96 1.01 -1.53	24.92 0.91 -3.42	25.75 0.94 -3.37	32.24 0.95 -9.24	34.08 1.02 -9.85	34.79 1.09 -8.86	36.48 1.12 -10.54	30.13 0.95 -7.68	27.24 0.75 -8.62	25.72 0.57 -10.46
SENECA OSWGO___HYD 24041	22.18 -0.25 -0.04	19.79 -0.24 -0.14	15.70 -0.17 -0.45	15.28 -0.15 -0.41	15.47 -0.15 -0.43	16.50 -0.16 -0.40	18.07 -0.18 -0.68	19.80 -0.17 -0.61	24.65 -0.27 -0.21	24.69 -0.27 -0.31	23.76 -0.28 -0.53	23.81 -0.28 -0.38	24.59 -0.27 -0.23	22.33 -0.27 -0.22	22.25 -0.29 -0.12	20.61 -0.25 -0.26	21.46 -0.24 -0.25	22.50 -0.24 -0.70	23.70 -0.25 -0.74	25.27 -0.25 -0.68	25.40 -0.25 -0.82	21.92 -0.19 -0.62	18.37 -0.14 -0.65	15.39 -0.09 -0.79
SENECA___115KV_TB3 355854	21.32 -0.67 0.39	19.20 -0.56 0.13	15.57 -0.55 -0.71	15.08 -0.66 -0.72	15.27 -0.68 -0.77	16.25 -0.70 -0.69	18.29 -0.33 -1.06	19.60 -0.45 -0.68	23.80 -0.72 0.19	23.98 -0.67 0.01	23.28 -0.66 -0.43	23.17 -0.69 -0.15	23.77 -0.71 0.15	21.76 -0.67 -0.06	21.73 -0.56 0.13	20.08 -0.93 -0.41	20.88 -0.96 -0.40	22.17 -0.97 -1.09	23.49 -0.88 -1.16	25.26 -0.62 -1.04	25.34 -0.65 -1.16	21.70 -0.71 -0.91	18.27 -0.84 -1.25	15.73 -0.47 -1.51
SENECA___ENERGY 23797	23.75 0.00 -1.36	21.18 -0.02 -1.31	16.52 -0.02 -1.12	15.84 0.00 -0.83	16.05 0.00 -0.86	17.11 0.03 -0.82	19.39 0.07 -1.77	21.81 0.12 -2.33	26.80 0.10 -2.00	26.93 0.12 -2.15	26.06 0.09 -2.46	25.99 0.07 -2.21	26.69 0.05 -2.01	23.80 0.04 -1.38	23.64 0.07 -1.15	21.27 0.04 -0.63	22.13 0.06 -0.62	23.89 0.11 -1.73	25.24 0.14 -1.88	26.78 0.22 -1.72	27.44 0.20 -2.42	23.17 0.17 -1.49	18.99 0.11 -1.02	16.05 0.13 -1.23
SHOEMAKER___GT 23640	24.50 1.70 -0.41	22.82 1.49 -1.44	21.32 1.12 -4.78	20.45 1.07 -4.37	20.85 1.06 -4.60	21.60 1.12 -4.21	26.07 1.26 -7.25	27.23 1.41 -6.45	29.00 2.03 -2.27	29.89 2.00 -3.24	30.99 1.88 -5.60	29.61 1.87 -4.03	29.09 2.02 -2.44	26.57 1.84 -2.36	25.46 1.82 -1.22	25.00 1.67 -2.73	25.84 1.72 -2.69	31.21 1.79 -7.37	32.95 1.88 -7.86	34.07 2.16 -7.07	35.95 2.21 -8.92	29.46 1.83 -6.13	26.16 1.41 -6.88	24.14 1.10 -8.35
SHOEMAKR_138KV_BK 111 55601	24.52 1.70 -0.43	22.85 1.49 -1.47	21.36 1.13 -4.82	20.48 1.07 -4.39	20.88 1.06 -4.63	21.64 1.14 -4.24	26.10 1.25 -7.30	27.29 1.41 -6.51	29.03 2.03 -2.30	29.93 2.00 -3.28	31.04 1.88 -5.65	29.65 1.87 -4.07	29.12 2.02 -2.47	26.60 1.83 -2.38	25.48 1.82 -1.24	25.01 1.67 -2.75	25.86 1.72 -2.70	31.26 1.79 -7.43	33.01 1.88 -7.91	34.12 2.16 -7.12	36.04 2.21 -9.01	29.51 1.83 -6.18	26.20 1.41 -6.92	24.20 1.12 -8.40
SHOREHAM_IC_1 23715	25.19 2.37 -0.43	23.45 2.05 -1.51	21.87 1.45 -5.00	20.96 1.38 -4.57	21.50 1.50 -4.81	22.33 1.66 -4.41	26.93 1.79 -7.58	28.19 2.07 -6.75	29.80 2.72 -2.37	30.90 2.86 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.66 2.23 -9.84	31.18 2.27 -7.47	33.96 2.49 -9.42	36.37 2.67 -10.49	35.22 2.93 -7.45	43.02 2.98 -15.22	33.56 2.43 -9.63	28.83 2.00 -8.96	24.88 1.44 -8.75
SHOREHAM_IC_2 23716	25.19 2.37 -0.43	23.45 2.05 -1.51	21.87 1.45 -5.00	20.96 1.38 -4.57	21.50 1.50 -4.81	22.33 1.66 -4.41	26.93 1.79 -7.58	28.19 2.07 -6.75	29.80 2.72 -2.37	30.90 2.86 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.66 2.23 -9.84	31.18 2.27 -7.47	33.96 2.49 -9.42	36.37 2.67 -10.49	35.22 2.93 -7.45	43.02 2.98 -15.22	33.56 2.43 -9.63	28.83 2.00 -8.96	24.88 1.44 -8.75
SISSONVILLE___ 23735	21.43 -0.96 -0.01	19.05 -0.86 -0.02	14.83 -0.65 -0.07	14.40 -0.68 -0.06	14.57 -0.68 -0.06	15.57 -0.75 -0.06	16.83 -0.83 -0.10	18.51 -0.95 -0.09	23.33 -1.41 -0.03	23.32 -1.38 -0.04	22.32 -1.27 -0.08	22.48 -1.28 -0.06	23.26 -1.40 -0.03	21.16 -1.25 -0.03	21.18 -1.26 -0.02	19.48 -1.15 -0.04	20.28 -1.20 -0.04	20.89 -1.26 -0.10	22.07 -1.25 -0.11	23.20 -1.47 0.17	23.14 -1.41 0.27	19.59 -1.27 0.65	16.92 -1.04 -0.09	13.98 -0.82 -0.11

SITHE_IND_GS1 24169	21.97 -0.45 -0.03	19.60 -0.40 -0.11	15.47 -0.31 -0.36	15.06 -0.29 -0.33	15.25 -0.29 -0.35	16.29 -0.29 -0.32	17.75 -0.35 -0.55	19.47 -0.39 -0.49	24.33 -0.54 -0.17	24.36 -0.54 -0.24	23.41 -0.52 -0.42	23.49 -0.52 -0.30	24.27 -0.54 -0.18	22.06 -0.49 -0.18	22.02 -0.49 -0.09	20.39 -0.41 -0.21	21.21 -0.43 -0.20	22.16 -0.44 -0.56	23.32 -0.49 -0.59	24.85 -0.52 -0.53	24.94 -0.52 -0.64	21.53 -0.43 -0.46	18.08 -0.30 -0.52	15.08 -0.24 -0.63
SITHE_IND_GS2 24170	21.97 -0.45 -0.03	19.60 -0.40 -0.11	15.47 -0.31 -0.36	15.06 -0.29 -0.33	15.25 -0.29 -0.35	16.29 -0.29 -0.32	17.75 -0.35 -0.55	19.47 -0.39 -0.49	24.33 -0.54 -0.17	24.36 -0.54 -0.24	23.41 -0.52 -0.42	23.49 -0.52 -0.30	24.27 -0.54 -0.18	22.06 -0.49 -0.18	22.02 -0.49 -0.09	20.39 -0.41 -0.21	21.21 -0.43 -0.20	22.16 -0.44 -0.56	23.32 -0.49 -0.59	24.85 -0.52 -0.53	24.94 -0.52 -0.64	21.53 -0.43 -0.46	18.08 -0.30 -0.52	15.08 -0.24 -0.63
SITHE_IND_GS3 24171	21.97 -0.45 -0.03	19.60 -0.40 -0.11	15.47 -0.31 -0.36	15.06 -0.29 -0.33	15.25 -0.29 -0.35	16.29 -0.29 -0.32	17.75 -0.35 -0.55	19.47 -0.39 -0.49	24.33 -0.54 -0.17	24.36 -0.54 -0.24	23.41 -0.52 -0.42	23.49 -0.52 -0.30	24.27 -0.54 -0.18	22.06 -0.49 -0.18	22.02 -0.49 -0.09	20.39 -0.41 -0.21	21.21 -0.43 -0.20	22.16 -0.44 -0.56	23.32 -0.49 -0.59	24.85 -0.52 -0.53	24.94 -0.52 -0.64	21.53 -0.43 -0.46	18.08 -0.30 -0.52	15.08 -0.24 -0.63
SITHE_IND_GS4 24172	21.97 -0.45 -0.03	19.60 -0.40 -0.11	15.47 -0.31 -0.36	15.06 -0.29 -0.33	15.25 -0.29 -0.35	16.29 -0.29 -0.32	17.75 -0.35 -0.55	19.47 -0.39 -0.49	24.33 -0.54 -0.17	24.36 -0.54 -0.24	23.41 -0.52 -0.42	23.49 -0.52 -0.30	24.27 -0.54 -0.18	22.06 -0.49 -0.18	22.02 -0.49 -0.09	20.39 -0.41 -0.21	21.21 -0.43 -0.20	22.16 -0.44 -0.56	23.32 -0.49 -0.59	24.85 -0.52 -0.53	24.94 -0.52 -0.64	21.53 -0.43 -0.46	18.08 -0.30 -0.52	15.08 -0.24 -0.63
SITHE___BATAVIA 24024	19.49 -0.34 2.56	17.66 -0.26 1.97	15.17 -0.15 0.09	15.22 -0.12 -0.32	15.42 -0.14 -0.36	16.45 -0.08 -0.27	17.17 -0.14 0.25	17.44 -0.19 1.74	21.38 -0.35 2.98	21.44 -0.37 2.85	20.72 -0.40 2.38	20.67 -0.43 2.61	21.23 -0.47 2.94	20.21 -0.47 1.69	20.28 -0.38 1.76	20.33 -0.23 0.04	21.19 -0.21 0.04	21.70 -0.20 0.15	22.82 -0.19 0.21	24.25 -0.35 0.24	23.46 -0.37 0.99	21.10 -0.19 0.21	18.69 -0.27 -1.10	15.98 -0.04 -1.33
SITHE___INDEPEND 23800	21.96 -0.45 -0.02	19.59 -0.40 -0.10	15.46 -0.31 -0.36	15.06 -0.29 -0.33	15.25 -0.29 -0.34	16.28 -0.29 -0.32	17.78 -0.32 -0.54	19.46 -0.39 -0.48	24.32 -0.54 -0.16	24.35 -0.54 -0.23	23.40 -0.52 -0.41	23.48 -0.52 -0.29	24.26 -0.54 -0.17	22.06 -0.49 -0.17	22.01 -0.49 -0.09	20.39 -0.41 -0.20	21.21 -0.43 -0.20	22.16 -0.44 -0.55	23.31 -0.49 -0.59	24.85 -0.52 -0.53	24.95 -0.52 -0.65	21.54 -0.43 -0.47	18.08 -0.30 -0.52	15.08 -0.24 -0.63
SITHE___MASSENA 23902	22.12 -0.27 0.00	19.65 -0.24 0.00	15.25 -0.17 0.00	14.82 -0.20 0.00	14.99 -0.20 0.00	16.03 -0.23 0.00	17.29 -0.26 0.00	19.06 -0.31 0.00	24.14 -0.57 0.00	24.11 -0.54 0.00	23.04 -0.47 0.00	23.26 -0.45 0.00	24.09 -0.54 0.00	21.91 -0.47 0.00	21.95 -0.47 0.00	20.18 -0.41 0.00	20.99 -0.45 0.00	21.56 -0.49 0.00	22.73 -0.49 0.00	24.10 -0.57 0.17	24.01 -0.57 0.24	20.56 -0.49 0.45	17.46 -0.41 0.00	14.39 -0.29 0.00
SITHE___OGDNSBRG 24021	22.03 -0.36 0.00	19.61 -0.30 -0.02	15.24 -0.23 -0.05	14.81 -0.26 -0.05	15.00 -0.24 -0.05	16.03 -0.28 -0.05	17.34 -0.30 -0.08	19.07 -0.37 -0.07	24.06 -0.67 -0.03	24.05 -0.64 -0.04	22.98 -0.59 -0.06	23.19 -0.57 -0.04	23.97 -0.69 -0.03	21.82 -0.58 -0.03	21.83 -0.61 -0.01	20.07 -0.56 -0.03	20.89 -0.58 -0.03	21.53 -0.60 -0.08	22.77 -0.53 -0.09	24.03 -0.65 0.16	23.96 -0.62 0.25	20.35 -0.58 0.57	17.48 -0.46 -0.08	14.43 -0.35 -0.09
SITHE___STERLING 23777	22.95 0.54 -0.03	20.47 0.48 -0.10	16.09 0.34 -0.34	15.64 0.32 -0.31	15.85 0.33 -0.33	16.92 0.36 -0.30	18.42 0.35 -0.51	20.25 0.43 -0.46	25.41 0.54 -0.16	25.40 0.52 -0.23	24.42 0.52 -0.40	24.52 0.52 -0.29	25.39 0.59 -0.17	22.99 0.45 -0.17	22.93 0.42 -0.09	21.14 0.35 -0.19	22.02 0.39 -0.19	23.01 0.44 -0.52	24.26 0.49 -0.56	25.96 0.60 -0.52	26.03 0.57 -0.64	22.45 0.45 -0.50	18.71 0.36 -0.49	15.62 0.34 -0.59
SLEIGHT___34_KV_TB1 80719	22.32 -0.07 -0.01	19.98 -0.06 -0.15	16.04 0.02 -0.61	15.69 0.11 -0.57	15.89 0.11 -0.60	16.95 0.15 -0.55	18.57 0.09 -0.92	20.24 0.08 -0.79	24.97 0.02 -0.24	25.07 0.05 -0.36	24.21 0.02 -0.67	24.18 0.00 -0.47	24.91 0.02 -0.26	22.65 0.00 -0.27	22.59 0.04 -0.12	21.13 0.19 -0.35	22.00 0.21 -0.34	23.21 0.22 -0.94	24.40 0.19 -1.00	25.82 0.07 -0.91	25.97 0.05 -1.10	22.41 0.11 -0.80	18.96 0.20 -0.90	16.02 0.24 -1.09
SOUTH CAIRO___GT 23612	23.91 1.03 -0.50	22.54 0.92 -1.74	21.87 0.69 -5.76	20.97 0.69 -5.26	21.43 0.70 -5.54	22.10 0.76 -5.08	27.27 0.98 -8.73	28.20 1.06 -7.77	28.94 1.51 -2.73	30.16 1.60 -3.90	31.70 1.46 -6.74	29.93 1.37 -4.85	28.92 1.35 -2.94	26.45 1.23 -2.84	25.15 1.25 -1.47	24.96 1.07 -3.29	25.85 1.18 -3.23	32.08 1.15 -8.88	33.89 1.21 -9.46	34.77 1.42 -8.52	36.61 1.54 -10.25	30.22 1.33 -7.38	27.17 1.02 -8.28	25.47 0.73 -10.05
SOUTH HAMPTN___IC 23720	25.54 2.73 -0.43	23.74 2.35 -1.51	22.10 1.68 -5.00	21.17 1.59 -4.57	21.70 1.70 -4.81	22.55 1.89 -4.41	27.22 2.09 -7.58	28.52 2.40 -6.75	30.31 3.24 -2.37	31.44 3.40 -3.38	33.37 3.03 -6.82	35.55 3.04 -8.81	34.23 3.20 -6.40	32.52 2.82 -7.32	32.33 2.89 -7.02	33.07 2.64 -9.84	31.63 2.72 -7.47	34.42 2.96 -9.42	36.88 3.18 -10.49	35.77 3.48 -7.45	43.57 3.52 -15.22	34.02 2.88 -9.63	29.17 2.34 -8.96	25.11 1.67 -8.75
SOUTHDOW_115KV_TB1 355954	22.16 -0.16 0.07	20.00 -0.08 -0.19	16.10 -0.32 -1.01	15.37 -0.60 -0.95	15.60 -0.59 -1.00	16.52 -0.65 -0.91	19.12 0.04 -1.53	20.74 0.10 -1.27	25.01 0.00 -0.30	25.22 0.05 -0.52	24.63 0.07 -1.05	24.46 0.05 -0.70	25.07 0.10 -0.34	22.87 0.09 -0.40	22.80 0.22 -0.15	20.60 -0.58 -0.58	21.41 -0.60 -0.57	23.05 -0.55 -1.56	24.60 -0.28 -1.66	26.81 0.47 -1.50	27.04 0.42 -1.79	22.85 0.04 -1.31	18.88 -0.52 -1.53	16.24 -0.31 -1.86
SOUTHOLD_69_KV_BK 2 55809	25.92 3.09 -0.45	24.08 2.67 -1.53	22.34 1.91 -5.02	21.40 1.80 -4.58	21.94 1.93 -4.82	22.75 2.07 -4.42	27.44 2.28 -7.60	28.88 2.73 -6.78	30.86 3.76 -2.40	32.01 3.94 -3.41	33.83 3.48 -6.84	36.05 3.51 -8.83	34.72 3.67 -6.42	32.96 3.24 -7.33	32.75 3.30 -7.03	33.47 3.03 -9.84	32.06 3.15 -7.47	34.91 3.42 -9.44	37.40 3.67 -10.51	36.34 4.02 -7.48	44.16 4.05 -15.29	34.47 3.31 -9.66	29.50 2.68 -8.96	25.38 1.94 -8.75
SOUTHOLD___IC 23719	25.90 3.09 -0.43	24.06 2.67 -1.51	22.33 1.91 -5.00	21.38 1.80 -4.57	21.93 1.93 -4.81	22.80 2.13 -4.41	27.51 2.37 -7.58	28.85 2.73 -6.75	30.83 3.75 -2.37	31.98 3.94 -3.38	33.81 3.48 -6.82	36.03 3.51 -8.81	34.70 3.67 -6.40	32.94 3.24 -7.32	32.74 3.30 -7.02	33.47 3.03 -9.84	32.06 3.15 -7.47	34.88 3.42 -9.42	37.37 3.67 -10.49	36.31 4.02 -7.45	44.09 4.05 -15.22	34.42 3.29 -9.63	29.51 2.68 -8.96	25.38 1.94 -8.75

SPIERFLS_115KV_TB 1 80737	24.30 1.37 -0.55	23.01 1.21 -1.91	22.65 0.92 -6.31	21.66 0.89 -5.76	22.20 0.94 -6.06	22.81 0.99 -5.56	28.28 1.16 -9.56	29.20 1.32 -8.52	29.59 1.88 -3.01	30.91 1.97 -4.28	32.76 1.86 -7.39	30.88 1.85 -5.32	29.71 1.85 -3.23	27.13 1.63 -3.12	25.72 1.68 -1.62	25.60 1.40 -3.60	26.48 1.50 -3.54	33.32 1.54 -9.73	35.25 1.67 -10.37	36.01 1.84 -9.33	37.69 1.81 -11.06	31.18 1.59 -8.09	28.17 1.23 -9.07	26.59 0.90 -11.01
ST LAWRENCE____ 23600	21.91 -0.47 0.00	19.47 -0.42 0.00	15.11 -0.31 0.00	14.70 -0.32 0.00	14.87 -0.32 0.00	15.92 -0.34 0.00	17.15 -0.40 0.00	18.90 -0.47 0.00	24.04 -0.67 0.00	24.01 -0.64 0.00	22.90 -0.61 0.00	23.09 -0.62 0.00	23.94 -0.69 0.00	21.77 -0.60 0.00	21.79 -0.63 0.00	20.04 -0.56 0.00	20.86 -0.58 0.00	21.43 -0.62 0.00	22.56 -0.65 0.00	23.94 -0.74 0.15	23.89 -0.72 0.22	20.47 -0.62 0.40	17.35 -0.52 0.00	14.28 -0.41 0.00
STATE_CA_115KV_115_LB 55624	23.79 0.87 -0.54	22.53 0.80 -1.85	22.10 0.59 -6.10	21.19 0.60 -5.57	21.66 0.61 -5.86	22.27 0.63 -5.38	27.52 0.72 -9.25	28.38 0.77 -8.24	28.75 1.14 -2.91	29.96 1.16 -4.14	31.76 1.10 -7.15	30.02 1.16 -5.15	28.94 1.18 -3.12	26.42 1.03 -3.01	25.07 1.08 -1.57	25.01 0.93 -3.48	25.83 0.96 -3.43	32.43 0.97 -9.41	34.28 1.04 -10.03	35.00 1.14 -9.02	36.66 1.12 -10.72	30.27 0.95 -7.82	27.39 0.75 -8.77	25.90 0.57 -10.64
STATE_ST_34_KV_LOAD 55959	22.65 0.18 -0.09	20.26 0.14 -0.23	16.21 0.11 -0.69	15.78 0.14 -0.63	15.97 0.12 -0.66	17.03 0.16 -0.61	18.85 0.25 -1.05	20.79 0.46 -0.95	25.64 0.57 -0.37	25.75 0.59 -0.50	24.86 0.52 -0.84	24.82 0.50 -0.61	25.56 0.54 -0.39	23.23 0.49 -0.36	23.14 0.52 -0.20	21.44 0.45 -0.40	22.30 0.47 -0.39	23.64 0.53 -1.07	24.91 0.56 -1.14	26.49 0.62 -1.03	26.72 0.62 -1.27	22.95 0.54 -0.91	19.26 0.41 -0.98	16.11 0.24 -1.19
STATION 5_MISC_HYD 23604	22.04 -0.40 -0.06	19.75 -0.34 -0.20	15.92 -0.17 -0.67	15.57 -0.06 -0.62	15.79 -0.05 -0.65	16.82 -0.03 -0.59	18.40 -0.18 -1.02	20.03 -0.25 -0.91	24.63 -0.40 -0.32	24.72 -0.40 -0.46	23.90 -0.40 -0.79	23.87 -0.40 -0.57	24.58 -0.40 -0.34	22.35 -0.36 -0.33	22.30 -0.29 -0.17	20.96 -0.02 -0.38	21.82 0.00 -0.38	23.04 -0.04 -1.04	24.23 -0.09 -1.11	25.51 -0.32 -1.00	25.65 -0.37 -1.20	22.19 -0.17 -0.86	18.85 0.02 -0.97	15.97 0.10 -1.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.82 0.00 -0.44	20.42 0.02 -0.51	16.24 0.06 -0.77	15.78 0.12 -0.64	16.00 0.14 -0.67	17.05 0.16 -0.63	18.86 0.12 -1.18	20.76 0.12 -1.27	25.57 0.07 -0.79	25.65 0.07 -0.93	24.79 0.05 -1.23	24.77 0.05 -1.02	25.49 0.05 -0.81	23.06 0.07 -0.62	22.96 0.09 -0.45	21.26 0.23 -0.44	22.10 0.24 -0.43	23.47 0.24 -1.18	24.74 0.26 -1.27	26.17 0.17 -1.16	26.46 0.12 -1.52	22.69 0.17 -1.01	19.01 0.21 -0.93	16.08 0.26 -1.13
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.99 -0.38 0.02	19.70 -0.32 -0.13	15.85 -0.17 -0.61	15.54 -0.05 -0.57	15.76 -0.03 -0.60	16.79 -0.02 -0.55	18.30 -0.18 -0.92	19.92 -0.23 -0.78	24.57 -0.35 -0.21	24.65 -0.35 -0.34	23.81 -0.35 -0.65	23.80 -0.36 -0.44	24.52 -0.34 -0.23	22.30 -0.34 -0.26	22.28 -0.25 -0.11	20.94 0.00 -0.35	21.80 0.02 -0.34	22.97 -0.02 -0.94	24.15 -0.07 -1.00	25.44 -0.30 -0.90	25.59 -0.32 -1.09	22.12 -0.17 -0.79	18.80 0.02 -0.91	15.91 0.12 -1.11
STA_56____34_KV_BUS2 355983	21.99 -0.38 0.02	19.70 -0.32 -0.13	15.85 -0.17 -0.61	15.54 -0.05 -0.57	15.76 -0.03 -0.60	16.79 -0.02 -0.55	18.30 -0.18 -0.92	19.92 -0.23 -0.78	24.57 -0.35 -0.21	24.65 -0.35 -0.34	23.81 -0.35 -0.65	23.80 -0.36 -0.44	24.52 -0.34 -0.23	22.30 -0.34 -0.26	22.28 -0.25 -0.11	20.94 0.00 -0.35	21.80 0.02 -0.34	22.97 -0.02 -0.94	24.15 -0.07 -1.00	25.44 -0.30 -0.90	25.59 -0.32 -1.09	22.12 -0.17 -0.79	18.80 0.02 -0.91	15.91 0.12 -1.11
STA_67____115KV_BK2 355882	21.91 -0.45 0.02	19.62 -0.40 -0.13	15.83 -0.20 -0.62	15.52 -0.08 -0.58	15.72 -0.08 -0.61	16.77 -0.05 -0.56	18.27 -0.23 -0.94	19.87 -0.29 -0.79	24.47 -0.44 -0.20	24.55 -0.44 -0.33	23.72 -0.45 -0.66	23.70 -0.45 -0.44	24.39 -0.47 -0.23	22.21 -0.43 -0.26	22.19 -0.34 -0.11	20.89 -0.06 -0.35	21.72 -0.06 -0.35	22.92 -0.09 -0.96	24.07 -0.16 -1.02	25.36 -0.40 -0.92	25.53 -0.40 -1.11	22.07 -0.24 -0.81	18.76 -0.04 -0.93	15.89 0.07 -1.13
STA_7____115KV_9TRANS 80674	22.05 -0.31 0.02	19.76 -0.26 -0.13	15.93 -0.11 -0.62	15.60 0.00 -0.58	15.82 0.02 -0.61	16.85 0.03 -0.56	18.37 -0.12 -0.94	20.01 -0.15 -0.79	24.64 -0.27 -0.21	24.72 -0.27 -0.34	23.89 -0.28 -0.66	23.88 -0.28 -0.45	24.59 -0.27 -0.23	22.39 -0.25 -0.26	22.37 -0.16 -0.11	21.05 0.10 -0.36	21.90 0.11 -0.35	23.10 0.09 -0.96	24.28 0.05 -1.02	25.59 -0.17 -0.92	25.71 -0.22 -1.11	22.25 -0.06 -0.81	18.90 0.11 -0.93	15.98 0.16 -1.13
STA_82____115KV_TB1 80780	21.92 -0.45 0.01	19.65 -0.38 -0.14	15.84 -0.20 -0.63	15.53 -0.08 -0.58	15.74 -0.06 -0.61	16.77 -0.05 -0.56	18.28 -0.23 -0.95	19.90 -0.27 -0.80	24.51 -0.42 -0.22	24.59 -0.42 -0.35	23.74 -0.45 -0.67	23.74 -0.43 -0.46	24.43 -0.44 -0.24	22.24 -0.40 -0.27	22.22 -0.31 -0.12	20.91 -0.04 -0.36	21.75 -0.04 -0.35	22.95 -0.07 -0.96	24.10 -0.14 -1.03	25.39 -0.37 -0.93	25.57 -0.37 -1.12	22.10 -0.22 -0.81	18.78 -0.02 -0.93	15.91 0.09 -1.13
STEEL____WIND 323596	16.08 -0.69 5.61	14.81 -0.58 4.50	13.94 -0.57 0.91	14.38 -0.68 -0.03	14.59 -0.68 -0.08	15.49 -0.72 0.06	15.37 -0.53 1.66	14.13 -0.47 4.78	17.14 -0.74 6.82	17.27 -0.69 6.69	16.80 -0.66 6.05	16.70 -0.71 6.30	17.16 -0.72 6.76	17.64 -0.69 4.05	17.83 -0.58 4.01	19.16 -0.95 0.49	19.97 -0.99 0.48	19.64 -0.97 1.43	20.66 -0.88 1.67	22.50 -0.72 1.62	20.66 -0.69 3.47	19.36 -0.73 1.41	18.33 -0.84 -1.30	15.79 -0.48 -1.58
STEPHTWN_115KV_BK_2 55603	23.94 1.03 -0.53	22.64 0.93 -1.82	22.10 0.69 -5.99	21.19 0.71 -5.46	21.66 0.71 -5.75	22.28 0.75 -5.28	27.47 0.84 -9.07	28.36 0.91 -8.09	28.89 1.33 -2.85	30.10 1.38 -4.07	31.86 1.34 -7.01	30.14 1.38 -5.05	29.10 1.40 -3.07	26.57 1.23 -2.96	25.22 1.26 -1.54	25.09 1.07 -3.42	25.94 1.14 -3.36	32.43 1.15 -9.23	34.28 1.23 -9.84	35.03 1.34 -8.85	36.67 1.32 -10.53	30.30 1.12 -7.68	27.37 0.89 -8.61	25.82 0.69 -10.44
STEBEN_REC_LFGE 323667	23.62 0.07 -1.17	21.21 0.08 -1.24	16.82 -0.08 -1.48	16.00 -0.21 -1.19	16.24 -0.20 -1.25	17.25 -0.18 -1.17	20.11 0.25 -2.30	22.39 0.35 -2.67	26.96 0.35 -1.91	27.22 0.42 -2.15	26.56 0.38 -2.68	26.38 0.38 -2.29	26.97 0.39 -1.94	24.12 0.34 -1.41	23.98 0.47 -1.09	21.42 -0.02 -0.84	22.29 0.02 -0.83	24.47 0.13 -2.29	26.03 0.35 -2.47	27.93 0.84 -2.25	28.65 0.79 -3.03	23.98 0.52 -1.96	19.62 0.11 -1.64	16.87 0.19 -2.00
STONY____BROOK 24151	25.54 2.73 -0.43	23.74 2.35 -1.51	22.10 1.68 -5.00	21.16 1.58 -4.57	21.65 1.66 -4.81	22.49 1.82 -4.41	27.19 2.05 -7.58	28.48 2.36 -6.75	30.31 3.24 -2.37	31.39 3.35 -3.38	33.32 2.99 -6.82	35.51 2.99 -8.81	34.21 3.18 -6.40	32.54 2.84 -7.32	32.33 2.89 -7.02	33.07 2.64 -9.84	31.63 2.72 -7.47	34.40 2.93 -9.42	36.81 3.11 -10.49	35.72 3.43 -7.45	43.49 3.45 -15.22	33.99 2.86 -9.63	29.15 2.32 -8.96	25.10 1.66 -8.75

STURGEON_POOL_HYD 23609	24.65 1.81 -0.46	23.04 1.59 -1.56	21.74 1.20 -5.12	20.82 1.13 -4.67	21.24 1.12 -4.92	21.98 1.20 -4.51	26.62 1.30 -7.76	27.70 1.41 -6.92	29.25 2.10 -2.45	30.21 2.07 -3.48	31.44 1.93 -6.01	29.93 1.90 -4.33	29.35 2.09 -2.63	26.81 1.90 -2.53	25.58 1.84 -1.32	25.25 1.73 -2.92	26.07 1.76 -2.88	31.80 1.85 -7.90	33.56 1.93 -8.42	34.65 2.24 -7.58	36.52 2.31 -9.39	30.01 1.94 -6.57	26.69 1.46 -7.36	24.83 1.20 -8.93
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.68 1.86 -0.44	23.00 1.63 -1.48	21.51 1.22 -4.87	20.62 1.16 -4.44	21.03 1.15 -4.68	21.79 1.24 -4.29	26.28 1.33 -7.38	27.44 1.49 -6.58	29.18 2.15 -2.33	30.09 2.12 -3.32	31.22 2.00 -5.71	29.82 1.99 -4.12	29.28 2.14 -2.50	26.74 1.95 -2.41	25.61 1.93 -1.26	25.15 1.77 -2.78	26.00 1.82 -2.74	31.46 1.90 -7.51	33.24 2.02 -8.01	34.35 2.31 -7.21	36.28 2.33 -9.12	29.71 1.96 -6.25	26.35 1.48 -7.00	24.39 1.20 -8.49
SWANROAD_115KV_TB1 355699	21.07 -1.23 0.08	18.94 -1.05 -0.11	15.34 -0.76 -0.68	15.02 -0.68 -0.67	15.14 -0.76 -0.71	16.19 -0.72 -0.65	17.90 -0.75 -1.09	19.24 -1.03 -0.90	23.44 -1.46 -0.19	23.57 -1.43 -0.35	22.88 -1.36 -0.73	22.77 -1.42 -0.48	23.37 -1.48 -0.22	21.23 -1.41 -0.27	21.19 -1.32 -0.09	19.89 -1.09 -0.39	20.69 -1.14 -0.38	21.90 -1.19 -1.05	23.15 -1.25 -1.19	24.37 -1.54 -1.07	24.55 -1.56 -1.29	21.19 -1.25 -0.94	17.75 -1.25 -1.14	15.32 -0.75 -1.38
SYNERGY___BIOGAS 323694	19.49 -0.34 2.56	17.66 -0.26 1.97	15.17 -0.15 0.09	15.22 -0.12 -0.32	15.42 -0.14 -0.36	16.45 -0.08 -0.27	17.17 -0.14 0.25	17.44 -0.19 1.74	21.38 -0.35 2.98	21.44 -0.37 2.85	20.72 -0.40 2.38	20.67 -0.43 2.61	21.23 -0.47 2.94	20.21 -0.47 1.69	20.28 -0.38 1.76	20.33 -0.23 0.04	21.19 -0.21 0.04	21.70 -0.20 0.15	22.82 -0.19 0.21	24.25 -0.35 0.24	23.46 -0.37 0.99	21.10 -0.19 0.21	18.69 -0.27 -1.10	15.98 -0.04 -1.33
SYRACUSE___ENERGY_ST1 323597	22.52 0.09 -0.05	20.14 0.08 -0.17	16.04 0.06 -0.57	15.61 0.08 -0.52	15.81 0.08 -0.54	16.84 0.08 -0.50	18.50 0.09 -0.86	20.25 0.12 -0.76	25.10 0.12 -0.27	25.16 0.12 -0.38	24.29 0.12 -0.66	24.31 0.12 -0.48	25.07 0.15 -0.29	22.77 0.11 -0.28	22.68 0.11 -0.14	21.02 0.10 -0.32	21.87 0.11 -0.32	23.05 0.13 -0.87	24.29 0.14 -0.93	25.84 0.15 -0.85	26.00 0.15 -1.02	22.41 0.15 -0.75	18.81 0.13 -0.81	15.81 0.13 -0.99
SYRACUSE___ENERGY_ST2 323598	22.52 0.09 -0.05	20.14 0.08 -0.17	16.04 0.06 -0.57	15.61 0.08 -0.52	15.81 0.08 -0.54	16.84 0.08 -0.50	18.50 0.09 -0.86	20.25 0.12 -0.76	25.10 0.12 -0.27	25.16 0.12 -0.38	24.29 0.12 -0.66	24.31 0.12 -0.48	25.07 0.15 -0.29	22.77 0.11 -0.28	22.68 0.11 -0.14	21.02 0.10 -0.32	21.87 0.11 -0.32	23.05 0.13 -0.87	24.29 0.14 -0.93	25.84 0.15 -0.85	26.00 0.15 -1.02	22.41 0.15 -0.75	18.81 0.13 -0.81	15.81 0.13 -0.99
SYRACUSE___POWER 24017	22.52 0.07 -0.07	20.12 0.04 -0.20	16.06 0.03 -0.62	15.61 0.03 -0.56	15.81 0.03 -0.59	16.85 0.05 -0.54	18.58 0.09 -0.94	20.29 0.08 -0.84	25.09 0.07 -0.31	25.19 0.10 -0.43	24.34 0.09 -0.73	24.34 0.09 -0.53	25.08 0.12 -0.33	22.78 0.09 -0.31	22.68 0.09 -0.17	21.01 0.06 -0.35	21.87 0.09 -0.35	23.09 0.09 -0.95	24.32 0.09 -1.01	25.91 0.15 -0.92	26.08 0.12 -1.13	22.42 0.11 -0.81	18.84 0.09 -0.88	15.86 0.10 -1.07
TALLMAN___138KV_BK151 55660	24.88 2.06 -0.44	23.20 1.81 -1.50	21.69 1.34 -4.93	20.79 1.28 -4.50	21.20 1.28 -4.74	21.95 1.35 -4.34	26.49 1.46 -7.47	27.68 1.65 -6.66	29.43 2.37 -2.36	30.35 2.34 -3.35	31.50 2.21 -5.78	30.08 2.21 -4.16	29.55 2.39 -2.53	26.97 2.15 -2.44	25.82 2.13 -1.27	25.39 1.98 -2.81	26.22 2.02 -2.77	31.77 2.12 -7.60	33.57 2.25 -8.10	34.69 2.56 -7.29	36.67 2.61 -9.24	29.98 2.15 -6.32	26.59 1.64 -7.08	24.59 1.31 -8.59
TEALLAVE_115KV_TB7 355573	22.44 -0.02 -0.08	20.05 -0.02 -0.19	15.93 -0.02 -0.53	15.50 0.00 -0.48	15.69 0.00 -0.50	16.74 0.02 -0.46	18.40 0.04 -0.80	20.12 0.02 -0.74	24.97 -0.02 -0.29	25.05 0.00 -0.39	24.13 -0.02 -0.65	24.19 0.00 -0.48	24.96 0.02 -0.31	22.66 0.00 -0.28	22.58 0.00 -0.16	20.90 0.00 -0.30	21.74 0.00 -0.30	22.89 0.02 -0.82	24.09 0.00 -0.87	25.66 0.02 -0.79	25.83 0.02 -0.98	22.23 0.02 -0.70	18.65 0.04 -0.75	15.65 0.06 -0.91
TELGRAPH_34_KV_EAST 80808	21.52 -0.76 0.10	19.34 -0.64 -0.09	15.63 -0.45 -0.66	15.26 -0.41 -0.65	15.43 -0.44 -0.69	16.48 -0.41 -0.62	18.19 -0.40 -1.04	19.62 -0.58 -0.83	23.97 -0.89 -0.15	24.09 -0.86 -0.30	23.33 -0.85 -0.67	23.26 -0.88 -0.43	23.90 -0.91 -0.18	21.72 -0.90 -0.24	21.68 -0.81 -0.07	20.32 -0.66 -0.38	21.15 -0.66 -0.37	22.39 -0.68 -1.02	23.65 -0.70 -1.13	24.96 -0.89 -1.02	25.12 -0.92 -1.21	21.68 -0.71 -0.89	18.23 -0.71 -1.08	15.65 -0.35 -1.31
TEMPLE___115KV_TB 2 55572	22.46 0.00 -0.08	20.08 0.00 -0.19	15.95 0.00 -0.54	15.52 0.02 -0.49	15.72 0.02 -0.51	16.76 0.03 -0.47	18.43 0.05 -0.82	20.15 0.04 -0.75	25.00 0.00 -0.29	25.08 0.02 -0.40	24.19 0.02 -0.66	24.22 0.02 -0.49	24.99 0.05 -0.31	22.69 0.02 -0.29	22.60 0.02 -0.16	20.92 0.02 -0.31	21.76 0.02 -0.30	22.92 0.04 -0.83	24.12 0.02 -0.88	25.72 0.07 -0.81	25.87 0.05 -1.00	22.26 0.04 -0.71	18.68 0.05 -0.76	15.68 0.07 -0.92
TIANA___69_KV_BK 1 55817	25.49 2.66 -0.45	23.70 2.29 -1.53	22.05 1.62 -5.02	21.14 1.55 -4.58	21.67 1.66 -4.82	22.45 1.77 -4.42	27.11 1.95 -7.60	28.47 2.32 -6.78	30.27 3.16 -2.40	31.40 3.33 -3.41	33.27 2.92 -6.84	35.48 2.94 -8.83	34.13 3.08 -6.42	32.44 2.73 -7.33	32.25 2.80 -7.03	32.99 2.55 -9.84	31.57 2.66 -7.47	34.38 2.89 -9.44	36.84 3.11 -10.51	35.69 3.38 -7.48	43.51 3.40 -15.29	33.98 2.82 -9.66	29.09 2.27 -8.96	25.07 1.63 -8.75
TILDEN___115KV_TB1 80814	22.52 0.07 -0.07	20.12 0.04 -0.20	16.06 0.03 -0.62	15.61 0.03 -0.56	15.81 0.03 -0.59	16.85 0.05 -0.54	18.58 0.09 -0.94	20.29 0.08 -0.84	25.09 0.07 -0.31	25.19 0.10 -0.43	24.34 0.09 -0.73	24.34 0.09 -0.53	25.08 0.12 -0.33	22.78 0.09 -0.31	22.68 0.09 -0.17	21.01 0.06 -0.35	21.87 0.09 -0.35	23.09 0.09 -0.95	24.32 0.09 -1.01	25.91 0.15 -0.92	26.08 0.12 -1.13	22.42 0.11 -0.81	18.84 0.09 -0.88	15.86 0.10 -1.07
TRIGEN___CC 323695	25.36 2.53 -0.45	23.60 2.19 -1.53	22.01 1.57 -5.02	21.08 1.49 -4.58	21.53 1.52 -4.82	22.31 1.63 -4.42	26.94 1.77 -7.60	28.22 2.07 -6.78	30.07 2.96 -2.40	31.08 3.01 -3.41	33.08 2.73 -6.84	35.29 2.75 -8.83	34.01 2.96 -6.42	32.37 2.66 -7.33	32.10 2.65 -7.03	32.87 2.43 -9.84	31.42 2.51 -7.47	34.14 2.65 -9.44	36.54 2.81 -10.51	35.45 3.13 -7.48	43.26 3.15 -15.29	33.80 2.64 -9.66	28.91 2.09 -8.96	25.02 1.59 -8.75
TRINITY__115KV__ 4 BK 55933	23.72 0.81 -0.53	22.45 0.74 -1.82	21.98 0.55 -6.02	21.06 0.56 -5.49	21.53 0.56 -5.78	22.16 0.60 -5.30	27.34 0.67 -9.11	28.23 0.74 -8.12	28.63 1.06 -2.87	29.82 1.08 -4.08	31.59 1.03 -7.05	29.85 1.07 -5.07	28.79 1.08 -3.08	26.31 0.96 -2.97	24.98 1.01 -1.55	24.90 0.87 -3.43	25.74 0.92 -3.38	32.25 0.93 -9.27	34.07 0.98 -9.88	34.80 1.07 -8.89	36.44 1.04 -10.57	30.10 0.88 -7.71	27.22 0.71 -8.64	25.72 0.54 -10.49

UNION___PROCESSING_DRP 323587	21.92 -0.45 0.01	19.65 -0.38 -0.14	15.85 -0.18 -0.63	15.54 -0.06 -0.58	15.74 -0.06 -0.61	16.77 -0.05 -0.56	18.29 -0.21 -0.95	19.90 -0.27 -0.80	24.51 -0.42 -0.22	24.59 -0.42 -0.35	23.76 -0.42 -0.67	23.74 -0.43 -0.46	24.46 -0.42 -0.24	22.24 -0.40 -0.27	22.22 -0.31 -0.11	20.91 -0.04 -0.36	21.77 -0.02 -0.35	22.95 -0.07 -0.96	24.13 -0.12 -1.03	25.42 -0.35 -0.93	25.57 -0.37 -1.12	22.10 -0.22 -0.81	18.80 0.00 -0.93	15.92 0.10 -1.13
UPPER HUDSON___HYD 24058	24.29 1.37 -0.54	23.01 1.21 -1.91	22.67 0.92 -6.33	21.68 0.89 -5.77	22.21 0.94 -6.08	22.83 0.99 -5.58	28.32 1.18 -9.59	29.22 1.32 -8.53	29.58 1.88 -3.00	30.91 1.97 -4.28	32.76 1.86 -7.40	30.88 1.85 -5.32	29.70 1.85 -3.22	27.13 1.63 -3.12	25.72 1.68 -1.62	25.61 1.40 -3.61	26.49 1.50 -3.55	33.35 1.54 -9.75	35.28 1.67 -10.39	36.03 1.84 -9.35	37.71 1.81 -11.08	31.20 1.59 -8.11	28.19 1.23 -9.10	26.62 0.90 -11.04
UPPER RAQUET___HYD 24056	21.42 -0.96 0.00	19.03 -0.85 0.00	14.77 -0.65 0.00	14.34 -0.68 0.00	14.51 -0.68 0.00	15.51 -0.75 0.00	16.72 -0.84 0.00	18.42 -0.95 0.00	23.30 -1.41 0.00	23.28 -1.38 0.00	22.24 -1.27 0.00	22.43 -1.28 0.00	23.23 -1.40 0.00	21.13 -1.25 0.00	21.17 -1.26 0.00	19.44 -1.15 0.00	20.24 -1.20 0.00	20.79 -1.26 0.00	21.96 -1.25 0.00	23.14 -1.44 0.25	23.04 -1.41 0.37	19.55 -1.27 0.69	16.83 -1.04 0.00	13.87 -0.82 0.00
VALLEY44_115KV_TB2 355964	22.61 0.25 0.02	20.38 0.26 -0.23	16.17 -0.28 -1.03	15.18 -0.80 -0.96	15.39 -0.81 -1.01	16.34 -0.85 -0.92	19.43 0.32 -1.56	21.08 0.39 -1.33	25.45 0.37 -0.37	25.66 0.42 -0.58	25.00 0.38 -1.11	24.81 0.33 -0.76	25.41 0.37 -0.41	23.13 0.31 -0.44	23.04 0.43 -0.19	20.17 -1.01 -0.59	20.95 -1.07 -0.58	22.64 -0.99 -1.59	24.33 -0.58 -1.69	26.96 0.60 -1.53	27.23 0.57 -1.84	22.81 -0.02 -1.33	18.51 -0.89 -1.54	15.96 -0.59 -1.86
VALLEY___115KV_TB 1-4 80826	22.30 -0.09 0.00	19.80 -0.10 -0.01	15.35 -0.11 -0.04	14.94 -0.12 -0.04	15.10 -0.14 -0.04	16.14 -0.16 -0.04	17.45 -0.18 -0.07	19.20 -0.23 -0.06	24.43 -0.30 -0.02	24.39 -0.30 -0.03	23.30 -0.26 -0.05	23.49 -0.26 -0.04	24.41 -0.25 -0.02	22.15 -0.25 -0.02	22.19 -0.25 -0.01	20.39 -0.23 -0.03	21.23 -0.24 -0.02	21.87 -0.24 -0.07	23.03 -0.26 -0.07	24.63 -0.27 -0.07	24.66 -0.25 -0.08	21.35 -0.22 -0.06	17.77 -0.16 -0.06	14.68 -0.09 -0.08
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.86 1.23 -0.24	21.75 1.11 -0.75	18.61 0.80 -2.39	17.96 0.77 -2.18	18.26 0.77 -2.29	19.19 0.83 -2.10	22.15 0.97 -3.62	23.84 1.22 -3.25	27.56 1.68 -1.17	27.96 1.65 -1.66	27.94 1.60 -2.83	27.39 1.64 -2.05	27.64 1.75 -1.26	25.17 1.59 -1.20	24.65 1.59 -0.64	23.32 1.36 -1.36	24.18 1.39 -1.34	27.19 1.46 -3.69	28.68 1.53 -3.93	30.16 1.79 -3.54	30.96 1.79 -4.34	26.04 1.46 -3.07	22.41 1.13 -3.42	19.66 0.82 -4.15
VISCHER___FERRY HYD 24020	24.08 1.16 -0.53	22.79 1.03 -1.86	22.39 0.80 -6.18	21.42 0.77 -5.64	21.92 0.79 -5.94	22.55 0.85 -5.44	27.85 0.93 -9.36	28.73 1.03 -8.33	29.09 1.46 -2.93	30.31 1.48 -4.18	32.14 1.41 -7.22	30.35 1.45 -5.20	29.23 1.45 -3.15	26.74 1.32 -3.04	25.35 1.35 -1.58	25.32 1.19 -3.53	26.15 1.24 -3.47	32.83 1.26 -9.52	34.73 1.37 -10.15	35.41 1.44 -9.13	37.02 1.44 -10.76	30.64 1.22 -7.92	27.75 1.00 -8.88	26.23 0.76 -10.78
V_A_10_SYNC_DSASP 323832	18.55 -1.10 2.74	16.81 -0.95 2.13	14.68 -0.60 0.13	14.88 -0.44 -0.30	15.09 -0.44 -0.34	16.07 -0.44 -0.25	16.49 -0.72 0.35	16.56 -0.87 1.94	20.25 -1.23 3.22	20.36 -1.21 3.09	19.71 -1.17 2.62	19.66 -1.21 2.85	20.23 -1.23 3.17	19.37 -1.16 1.84	19.45 -1.08 1.89	19.86 -0.68 0.06	20.69 -0.69 0.06	21.06 -0.77 0.21	22.02 -0.88 0.31	23.28 -1.22 0.34	22.40 -1.27 1.16	20.28 -0.92 0.30	18.38 -0.57 -1.08	15.72 -0.28 -1.32
V_CMM_10_SYNC_DSASP 323787	22.00 -0.38 0.00	19.55 -0.34 0.00	15.17 -0.25 0.00	14.76 -0.26 0.00	14.92 -0.27 0.00	15.97 -0.29 0.00	17.22 -0.33 0.00	18.98 -0.39 0.00	24.14 -0.57 0.00	24.09 -0.57 0.00	22.97 -0.54 0.00	23.17 -0.54 0.00	24.02 -0.61 0.00	21.84 -0.54 0.00	21.88 -0.54 0.00	20.12 -0.47 0.00	20.93 -0.51 0.00	21.50 -0.55 0.00	22.66 -0.56 0.00	24.04 -0.65 0.15	23.96 -0.65 0.22	20.54 -0.56 0.40	17.40 -0.46 0.00	14.34 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	22.14 -0.25 0.00	19.67 -0.22 0.00	15.28 -0.14 0.00	14.79 -0.22 0.00	14.95 -0.24 0.00	15.95 -0.31 0.00	17.28 -0.28 0.00	19.00 -0.37 0.00	24.09 -0.62 0.00	24.04 -0.62 0.00	22.73 -0.78 0.00	22.88 -0.83 0.00	23.55 -1.08 0.00	21.35 -1.03 0.00	21.35 -1.08 0.00	19.61 -0.99 0.00	20.41 -1.03 0.00	20.92 -1.12 0.00	22.01 -1.21 0.00	23.22 -1.47 0.16	23.08 -1.52 0.23	19.72 -1.35 0.42	16.74 -1.12 0.00	13.70 -0.98 0.00
V_E_10_SYNC_DSASP 323830	25.07 1.57 -1.12	22.60 1.39 -1.32	18.33 0.97 -1.95	17.58 0.93 -1.63	17.87 0.97 -1.71	18.87 1.03 -1.59	21.73 1.18 -3.00	24.02 1.41 -3.24	28.53 1.80 -2.02	28.77 1.75 -2.36	28.31 1.67 -3.14	28.01 1.71 -2.59	28.50 1.80 -2.08	25.66 1.70 -1.58	25.27 1.70 -1.15	23.17 1.46 -1.11	24.01 1.48 -1.09	26.66 1.61 -3.00	28.23 1.79 -3.23	29.85 2.09 -2.93	30.74 2.09 -3.83	25.69 1.66 -2.54	21.49 1.27 -2.35	18.61 1.07 -2.85
V_F_30_NSYNC___DSASP 323816	24.36 1.43 -0.54	23.07 1.27 -1.90	22.69 0.97 -6.31	21.70 0.93 -5.76	22.22 0.97 -6.06	22.86 1.04 -5.56	28.29 1.18 -9.55	29.17 1.30 -8.51	29.50 1.80 -2.99	30.80 1.87 -4.27	32.69 1.81 -7.37	30.84 1.83 -5.30	29.67 1.82 -3.21	27.12 1.63 -3.11	25.72 1.68 -1.61	25.64 1.44 -3.60	26.50 1.52 -3.54	33.31 1.54 -9.72	35.25 1.67 -10.36	35.97 1.81 -9.32	37.65 1.79 -11.03	31.13 1.55 -8.08	28.15 1.22 -9.07	26.63 0.94 -11.00
V_F_30_SYNC_DSASP 323786	23.78 0.87 -0.53	22.54 0.80 -1.85	22.14 0.59 -6.14	21.23 0.60 -5.61	21.70 0.61 -5.91	22.31 0.63 -5.41	27.59 0.72 -9.31	28.43 0.78 -8.29	28.73 1.11 -2.91	29.97 1.16 -4.16	31.80 1.11 -7.19	30.02 1.14 -5.17	28.94 1.18 -3.13	26.43 1.03 -3.03	25.07 1.08 -1.57	25.03 0.93 -3.51	25.86 0.97 -3.45	32.49 0.97 -9.47	34.35 1.05 -10.09	35.06 1.14 -9.08	36.71 1.12 -10.77	30.32 0.95 -7.87	27.45 0.75 -8.83	25.98 0.57 -10.72
V_XM_10_SYNC_DSASP 323789	22.14 -0.25 0.00	19.67 -0.22 0.00	15.28 -0.14 0.00	14.79 -0.22 0.00	14.95 -0.24 0.00	15.95 -0.31 0.00	17.28 -0.28 0.00	19.00 -0.37 0.00	24.09 -0.62 0.00	24.04 -0.62 0.00	22.73 -0.78 0.00	22.88 -0.83 0.00	23.55 -1.08 0.00	21.35 -1.03 0.00	21.35 -1.08 0.00	19.61 -0.99 0.00	20.41 -1.03 0.00	20.92 -1.12 0.00	22.01 -1.21 0.00	23.22 -1.47 0.16	23.08 -1.52 0.23	19.72 -1.35 0.42	16.74 -1.12 0.00	13.70 -0.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.93 2.10 -0.44	23.26 1.87 -1.50	21.73 1.37 -4.95	20.84 1.31 -4.51	21.25 1.31 -4.75	22.01 1.40 -4.36	26.56 1.51 -7.49	27.73 1.69 -6.68	29.51 2.45 -2.36	30.44 2.42 -3.36	31.59 2.28 -5.80	30.16 2.28 -4.18	29.63 2.46 -2.54	27.04 2.22 -2.45	25.89 2.20 -1.27	25.46 2.04 -2.82	26.30 2.08 -2.78	31.85 2.18 -7.62	33.66 2.32 -8.12	34.78 2.63 -7.31	36.77 2.68 -9.27	30.06 2.21 -6.34	26.67 1.70 -7.10	24.66 1.35 -8.62

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.14 2.31 -0.45	23.44 2.03 -1.53	21.91 1.48 -5.02	21.01 1.41 -4.58	21.42 1.41 -4.82	22.18 1.50 -4.42	26.78 1.62 -7.60	27.97 1.82 -6.78	29.75 2.64 -2.40	30.63 2.56 -3.41	31.79 2.40 -5.88	30.39 2.44 -4.24	29.87 2.66 -2.57	27.23 2.37 -2.48	26.09 2.38 -1.29	25.66 2.20 -2.86	26.49 2.23 -2.82	32.19 2.40 -7.74	33.99 2.53 -8.24	35.09 2.83 -7.42	37.10 2.85 -9.42	30.30 2.37 -6.43	26.90 1.82 -7.21	24.89 1.45 -8.75
W50THST__13_KV_LOAD 356117	25.23 2.40 -0.45	23.54 2.13 -1.53	21.96 1.53 -5.02	21.05 1.46 -4.58	21.47 1.46 -4.82	22.23 1.54 -4.42	26.85 1.69 -7.60	28.04 1.90 -6.78	29.85 2.74 -2.40	30.71 2.64 -3.41	31.88 2.49 -5.88	30.46 2.51 -4.24	29.96 2.76 -2.57	27.32 2.46 -2.48	26.16 2.44 -1.29	25.73 2.27 -2.86	26.57 2.32 -2.82	32.28 2.49 -7.74	34.11 2.65 -8.24	35.19 2.93 -7.42	37.20 2.95 -9.42	30.39 2.45 -6.43	26.97 1.89 -7.21	24.95 1.51 -8.75
WADING RIVER_IC_1 23522	25.16 2.35 -0.43	23.41 2.01 -1.51	21.83 1.42 -5.00	20.94 1.35 -4.57	21.49 1.49 -4.81	22.31 1.64 -4.41	26.91 1.77 -7.58	28.17 2.05 -6.75	29.77 2.69 -2.37	30.87 2.83 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.64 2.20 -9.84	31.18 2.27 -7.47	33.93 2.47 -9.42	36.35 2.65 -10.49	35.22 2.93 -7.45	43.00 2.95 -15.22	33.56 2.43 -9.63	28.81 1.98 -8.96	24.86 1.42 -8.75
WADING RIVER_IC_2 23547	25.16 2.35 -0.43	23.41 2.01 -1.51	21.83 1.42 -5.00	20.94 1.35 -4.57	21.49 1.49 -4.81	22.31 1.64 -4.41	26.91 1.77 -7.58	28.17 2.05 -6.75	29.77 2.69 -2.37	30.87 2.83 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.64 2.20 -9.84	31.18 2.27 -7.47	33.93 2.47 -9.42	36.35 2.65 -10.49	35.22 2.93 -7.45	43.00 2.95 -15.22	33.56 2.43 -9.63	28.81 1.98 -8.96	24.86 1.42 -8.75
WADING RIVER_IC_3 23601	25.16 2.35 -0.43	23.41 2.01 -1.51	21.83 1.42 -5.00	20.94 1.35 -4.57	21.49 1.49 -4.81	22.31 1.64 -4.41	26.91 1.77 -7.58	28.17 2.05 -6.75	29.77 2.69 -2.37	30.87 2.83 -3.38	32.85 2.52 -6.82	35.03 2.51 -8.81	33.69 2.66 -6.40	32.05 2.35 -7.32	31.86 2.42 -7.02	32.64 2.20 -9.84	31.18 2.27 -7.47	33.93 2.47 -9.42	36.35 2.65 -10.49	35.22 2.93 -7.45	43.00 2.95 -15.22	33.56 2.43 -9.63	28.81 1.98 -8.96	24.86 1.42 -8.75
WALDENNY_12_KV_BK2 80841	21.30 -0.72 0.37	19.18 -0.60 0.11	15.57 -0.55 -0.71	15.09 -0.65 -0.72	15.28 -0.67 -0.76	16.28 -0.67 -0.68	18.25 -0.37 -1.06	19.58 -0.48 -0.69	23.79 -0.77 0.15	23.96 -0.72 -0.02	23.26 -0.71 -0.45	23.15 -0.74 -0.17	23.75 -0.76 0.12	21.71 -0.74 -0.07	21.68 -0.63 0.11	20.10 -0.91 -0.41	20.90 -0.94 -0.40	22.19 -0.95 -1.09	23.49 -0.88 -1.16	25.18 -0.70 -1.04	25.24 -0.74 -1.17	21.66 -0.75 -0.91	18.24 -0.86 -1.24	15.70 -0.48 -1.50
WALDEN__HYDRO 24148	24.80 1.99 -0.43	23.13 1.75 -1.50	21.68 1.31 -4.96	20.79 1.25 -4.52	21.20 1.25 -4.76	21.96 1.33 -4.37	26.52 1.46 -7.51	27.68 1.63 -6.68	29.40 2.35 -2.35	30.35 2.34 -3.35	31.47 2.16 -5.80	30.01 2.13 -4.17	29.47 2.31 -2.53	26.92 2.10 -2.44	25.75 2.06 -1.27	25.34 1.92 -2.83	26.19 1.97 -2.78	31.71 2.03 -7.64	33.51 2.16 -8.14	34.65 2.48 -7.32	36.62 2.58 -9.21	30.00 2.15 -6.35	26.63 1.64 -7.13	24.64 1.31 -8.65
WARRENSBURG____ 23737	24.29 1.37 -0.54	23.01 1.21 -1.91	22.67 0.92 -6.33	21.68 0.89 -5.77	22.21 0.94 -6.08	22.83 0.99 -5.58	28.32 1.18 -9.59	29.22 1.32 -8.53	29.58 1.88 -3.00	30.91 1.97 -4.28	32.76 1.86 -7.40	30.88 1.85 -5.32	29.70 1.85 -3.22	27.13 1.63 -3.12	25.72 1.68 -1.62	25.61 1.40 -3.61	26.49 1.50 -3.55	33.35 1.54 -9.75	35.28 1.67 -10.39	36.03 1.84 -9.35	37.71 1.81 -11.08	31.20 1.59 -8.11	28.19 1.23 -9.10	26.62 0.90 -11.04
WATERSIDE____6 8 9 23538	25.23 2.40 -0.46	23.55 2.13 -1.53	22.00 1.56 -5.03	21.09 1.49 -4.59	21.51 1.49 -4.83	22.27 1.58 -4.43	26.87 1.70 -7.61	28.09 1.94 -6.79	29.88 2.77 -2.41	30.76 2.69 -3.42	31.94 2.54 -5.89	30.52 2.56 -4.25	30.00 2.78 -2.58	27.35 2.48 -2.49	26.21 2.49 -1.30	25.76 2.29 -2.87	26.60 2.34 -2.83	32.28 2.49 -7.74	34.11 2.65 -8.25	35.20 2.93 -7.43	37.23 2.98 -9.43	30.42 2.47 -6.44	26.99 1.91 -7.22	24.97 1.53 -8.76
WATKINRD_115KV_LN8_ILLION 55919	22.48 0.09 0.00	19.96 0.06 -0.01	15.49 0.03 -0.04	15.09 0.03 -0.04	15.25 0.02 -0.04	16.32 0.02 -0.04	17.64 0.02 -0.07	19.41 -0.02 -0.06	24.73 0.00 -0.02	24.66 -0.02 -0.03	23.56 0.00 -0.05	23.75 0.00 -0.04	24.65 0.00 -0.02	22.38 -0.02 -0.02	22.43 0.00 -0.01	20.62 0.00 -0.03	21.46 0.00 -0.02	22.12 0.00 -0.07	23.29 0.00 -0.07	24.93 0.02 -0.07	24.93 0.02 -0.08	21.58 0.02 -0.06	17.95 0.02 -0.06	14.81 0.04 -0.08
WATSON____69_KV_BK 1 55734	25.74 2.91 -0.45	23.92 2.51 -1.53	22.24 1.80 -5.02	21.29 1.70 -4.58	21.77 1.76 -4.82	22.57 1.89 -4.42	27.23 2.07 -7.60	28.61 2.46 -6.78	30.51 3.41 -2.40	31.59 3.53 -3.41	33.53 3.17 -6.84	35.71 3.18 -8.83	34.38 3.33 -6.42	32.71 3.00 -7.33	32.50 3.05 -7.03	33.22 2.78 -9.84	31.78 2.87 -7.47	34.55 3.06 -9.44	37.00 3.27 -10.51	35.94 3.63 -7.48	43.76 3.65 -15.29	34.19 3.03 -9.66	29.27 2.45 -8.96	25.23 1.79 -8.75
WDELAWARE__HYD 323627	24.99 2.19 -0.41	23.26 1.93 -1.45	21.66 1.45 -4.79	20.76 1.37 -4.37	21.16 1.37 -4.61	21.95 1.46 -4.22	26.33 1.51 -7.26	27.52 1.68 -6.46	29.40 2.42 -2.27	30.32 2.42 -3.24	31.32 2.21 -5.61	29.97 2.23 -4.03	29.49 2.42 -2.44	26.93 2.19 -2.36	25.78 2.13 -1.22	25.31 1.98 -2.74	26.17 2.04 -2.69	31.53 2.10 -7.39	33.32 2.23 -7.87	34.51 2.58 -7.08	36.36 2.71 -8.83	29.86 2.22 -6.14	26.46 1.70 -6.89	24.52 1.47 -8.36
WEST BABYLON__IC 23714	25.70 2.87 -0.45	23.90 2.49 -1.53	22.21 1.77 -5.02	21.26 1.67 -4.58	21.73 1.72 -4.82	22.53 1.85 -4.42	27.18 2.02 -7.60	28.55 2.40 -6.78	30.46 3.36 -2.40	31.52 3.45 -3.41	33.45 3.10 -6.84	35.64 3.11 -8.83	34.33 3.28 -6.42	32.71 3.00 -7.33	32.46 3.00 -7.03	33.18 2.74 -9.84	31.74 2.83 -7.47	34.51 3.02 -9.44	36.93 3.20 -10.51	35.87 3.55 -7.48	43.68 3.57 -15.29	34.15 2.99 -9.66	29.24 2.41 -8.96	25.21 1.78 -8.75
WEST CANADA__HYD 24049	22.46 0.07 -0.01	19.98 0.06 -0.03	15.55 0.05 -0.09	15.15 0.05 -0.08	15.32 0.05 -0.09	16.39 0.05 -0.08	17.73 0.04 -0.14	19.53 0.04 -0.12	24.82 0.07 -0.04	24.79 0.07 -0.06	23.69 0.07 -0.11	23.86 0.07 -0.08	24.75 0.07 -0.05	22.49 0.07 -0.04	22.51 0.07 -0.02	20.71 0.06 -0.05	21.56 0.06 -0.05	22.28 0.09 -0.14	23.43 0.07 -0.15	25.07 0.10 -0.13	25.08 0.10 -0.16	21.70 0.09 -0.12	18.07 0.07 -0.13	14.91 0.06 -0.16
WESTERN_NY_WIND 24143	19.25 -0.38 2.75	17.45 -0.30 2.14	15.09 -0.18 0.14	15.19 -0.14 -0.30	15.36 -0.17 -0.34	16.41 -0.10 -0.25	17.06 -0.16 0.34	17.22 -0.21 1.94	21.08 -0.40 3.23	21.16 -0.40 3.10	20.46 -0.42 2.63	20.38 -0.47 2.85	20.95 -0.49 3.19	20.02 -0.51 1.85	20.11 -0.40 1.91	20.26 -0.27 0.07	21.14 -0.24 0.07	21.57 -0.24 0.24	22.68 -0.23 0.31	24.10 -0.40 0.34	23.25 -0.42 1.15	20.97 -0.24 0.29	18.67 -0.30 -1.11	15.97 -0.06 -1.34

WESTOVER___LESR 323668	23.21 0.60 -0.22	21.02 0.56 -0.58	17.49 0.34 -1.73	16.84 0.26 -1.57	17.10 0.26 -1.65	18.07 0.29 -1.52	20.70 0.51 -2.63	22.31 0.56 -2.38	26.32 0.72 -0.90	26.62 0.72 -1.25	26.28 0.68 -2.09	25.92 0.69 -1.53	26.33 0.74 -0.96	23.92 0.65 -0.90	23.58 0.67 -0.49	21.98 0.39 -0.99	22.82 0.41 -0.97	25.16 0.44 -2.67	26.62 0.56 -2.85	28.25 0.84 -2.57	28.83 0.84 -3.16	24.36 0.62 -2.23	20.68 0.36 -2.46	18.01 0.34 -2.98
WETHRSFD_WT_PWR 323626	2.43 -0.78 19.17	3.33 -0.70 15.86	9.70 -0.62 5.10	12.58 -0.69 1.75	12.80 -0.70 1.70	13.54 -0.72 2.00	8.27 -0.56 8.73	0.00 -0.44 18.92	0.00 -0.64 24.06	0.00 -0.62 24.04	0.00 -0.63 22.88	0.00 -0.66 23.05	0.00 -0.72 23.92	7.01 -0.67 14.69	7.83 -0.51 14.08	17.01 -0.76 2.82	17.90 -0.77 2.77	13.33 -0.75 7.97	13.55 -0.65 9.02	15.88 -0.45 8.52	9.00 -0.45 15.38	13.63 -0.47 7.40	18.69 -0.63 -1.45	16.09 -0.35 -1.76
WHAVSTOR_138KV_BK127 55557	24.86 2.04 -0.44	23.18 1.79 -1.50	21.69 1.33 -4.95	20.79 1.26 -4.51	21.20 1.26 -4.75	21.95 1.33 -4.36	26.49 1.44 -7.50	27.68 1.63 -6.68	29.42 2.35 -2.36	30.31 2.29 -3.36	31.49 2.19 -5.80	30.07 2.18 -4.18	29.53 2.36 -2.54	26.95 2.13 -2.45	25.80 2.11 -1.27	25.38 1.96 -2.82	26.21 1.99 -2.78	31.77 2.09 -7.63	33.57 2.23 -8.13	34.69 2.53 -7.31	36.65 2.56 -9.27	29.97 2.13 -6.34	26.60 1.63 -7.11	24.60 1.29 -8.62
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.86 2.04 -0.44	23.18 1.79 -1.50	21.69 1.33 -4.95	20.79 1.26 -4.51	21.20 1.26 -4.75	21.95 1.33 -4.36	26.49 1.44 -7.50	27.68 1.63 -6.68	29.42 2.35 -2.36	30.31 2.29 -3.36	31.49 2.19 -5.80	30.07 2.18 -4.18	29.53 2.36 -2.54	26.95 2.13 -2.45	25.80 2.11 -1.27	25.38 1.96 -2.82	26.21 1.99 -2.78	31.77 2.09 -7.63	33.57 2.23 -8.13	34.69 2.53 -7.31	36.65 2.56 -9.27	29.97 2.13 -6.34	26.60 1.63 -7.11	24.60 1.29 -8.62
WHITEHAL_115KV_TB1 80871	24.77 1.84 -0.55	23.41 1.61 -1.91	22.95 1.23 -6.30	21.95 1.19 -5.75	22.49 1.25 -6.06	23.15 1.33 -5.55	28.65 1.55 -9.55	29.56 1.69 -8.51	30.10 2.40 -3.00	31.47 2.54 -4.28	33.33 2.44 -7.38	31.47 2.44 -5.31	30.32 2.46 -3.22	27.62 2.13 -3.11	26.24 2.20 -1.62	25.97 1.77 -3.60	26.99 2.02 -3.54	33.84 2.07 -9.72	35.84 2.28 -10.35	36.66 2.51 -9.32	38.34 2.48 -11.04	31.71 2.13 -8.08	28.57 1.64 -9.06	26.88 1.20 -10.99
WHITEPLN_13_KV_LOAD 356215	25.14 2.31 -0.45	23.44 2.03 -1.52	21.91 1.48 -5.01	21.00 1.41 -4.57	21.42 1.41 -4.82	22.17 1.50 -4.42	26.81 1.65 -7.60	27.94 1.80 -6.77	29.70 2.59 -2.40	30.60 2.54 -3.41	31.81 2.42 -5.88	30.39 2.44 -4.23	29.84 2.64 -2.57	27.21 2.35 -2.48	26.05 2.33 -1.29	25.60 2.14 -2.86	26.44 2.19 -2.82	32.12 2.34 -7.73	33.94 2.48 -8.24	35.03 2.78 -7.41	37.04 2.81 -9.41	30.25 2.32 -6.43	26.86 1.79 -7.20	24.91 1.48 -8.74
WM_FLOYD_69_KV_BK2 356380	25.40 2.57 -0.45	23.62 2.21 -1.53	22.01 1.57 -5.02	21.08 1.49 -4.58	21.61 1.59 -4.82	22.37 1.69 -4.42	27.02 1.86 -7.60	28.36 2.21 -6.78	30.07 2.96 -2.40	31.17 3.11 -3.41	33.08 2.73 -6.84	35.26 2.73 -8.83	33.93 2.88 -6.42	32.26 2.55 -7.33	32.08 2.62 -7.03	32.83 2.39 -9.84	31.38 2.47 -7.47	34.18 2.69 -9.44	36.61 2.88 -10.51	35.49 3.18 -7.48	43.31 3.20 -15.29	33.80 2.64 -9.66	28.97 2.14 -8.96	24.99 1.56 -8.75
WOODARD__115KV_TB2 355635	22.41 -0.07 -0.10	20.03 -0.06 -0.20	15.90 -0.05 -0.53	15.47 -0.03 -0.48	15.67 -0.03 -0.51	16.71 -0.02 -0.46	18.37 0.00 -0.81	20.08 -0.04 -0.75	24.92 -0.10 -0.31	25.00 -0.07 -0.42	24.11 -0.07 -0.67	24.14 -0.07 -0.50	24.91 -0.05 -0.33	22.61 -0.07 -0.30	22.53 -0.07 -0.17	20.86 -0.04 -0.31	21.70 -0.04 -0.30	22.83 -0.04 -0.82	24.05 -0.05 -0.88	25.62 -0.02 -0.80	25.77 -0.05 -1.00	22.19 -0.02 -0.71	18.61 0.00 -0.75	15.62 0.03 -0.91
YORK___WARBASSE 23770	25.23 2.40 -0.46	23.55 2.13 -1.53	22.00 1.56 -5.03	21.08 1.47 -4.59	21.51 1.49 -4.83	22.25 1.56 -4.43	26.85 1.69 -7.61	28.05 1.90 -6.79	29.83 2.72 -2.41	30.71 2.64 -3.42	31.87 2.47 -5.89	30.47 2.51 -4.25	29.97 2.76 -2.58	27.33 2.46 -2.49	26.19 2.47 -1.30	25.73 2.27 -2.87	26.58 2.32 -2.83	32.31 2.51 -7.74	34.14 2.67 -8.25	35.22 2.96 -7.43	37.26 3.00 -9.43	30.40 2.45 -6.44	26.99 1.91 -7.22	24.97 1.53 -8.76