

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										02/18/2024		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00									
59TH STREET_GT_1	24138	27.21	24.74	24.56	24.02	24.04	24.94	25.97	28.34	27.10	26.29	25.63	23.29	23.01	22.54	22.33	24.66	27.77	33.73	42.03	35.86	30.93	28.44	26.00	25.35									
		2.36	1.98	1.92	1.88	1.92	1.98	2.11	2.20	2.33	2.32	2.25	2.03	2.00	2.03	1.97	2.00	2.14	2.46	2.47	2.43	2.44	2.36	2.14	2.08									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.72	-1.28	-0.50	-0.45	-0.33	-0.60	0.00	0.00	-2.29	-3.97	-6.88	-14.66	-8.89	-3.60	-2.44	-2.62	-2.47									
74TH STREET_GT_1	24260	27.23	24.77	24.56	24.04	24.09	25.04	26.10	28.37	27.10	26.29	25.63	23.29	23.02	22.54	22.33	24.64	27.77	33.73	42.03	35.86	30.93	28.42	25.98	25.28									
		2.39	2.00	1.92	1.90	1.97	2.07	2.25	2.22	2.33	2.32	2.25	2.03	2.00	2.03	1.97	1.98	2.14	2.46	2.47	2.43	2.44	2.34	2.12	2.00									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-2.73	-1.28	-0.50	-0.45	-0.33	-0.61	0.00	0.00	-2.30	-3.97	-6.88	-14.66	-8.89	-3.60	-2.44	-2.63	-2.48									
74TH STREET_GT_2	24261	27.23	24.77	24.56	24.04	24.09	25.04	26.10	28.37	27.10	26.29	25.63	23.29	23.02	22.54	22.33	24.64	27.77	33.73	42.03	35.86	30.93	28.42	25.98	25.28									
		2.39	2.00	1.92	1.90	1.97	2.07	2.25	2.22	2.33	2.32	2.25	2.03	2.00	2.03	1.97	1.98	2.14	2.46	2.47	2.43	2.44	2.34	2.12	2.00									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-2.73	-1.28	-0.50	-0.45	-0.33	-0.61	0.00	0.00	-2.30	-3.97	-6.88	-14.66	-8.89	-3.60	-2.44	-2.63	-2.48									
ADK HUDSON___FALLS	24011	26.21	23.90	23.77	23.29	23.20	24.16	25.21	28.23	26.45	25.46	24.87	22.55	21.90	21.64	21.46	24.33	27.90	34.37	44.66	37.10	30.99	28.11	25.70	25.06									
		1.37	1.14	1.13	1.15	1.08	1.19	1.27	1.41	1.36	1.36	1.38	1.21	1.14	1.13	1.10	1.14	1.32	1.46	1.59	1.55	1.64	1.47	1.21	1.16									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-3.40	-1.60	-0.62	-0.56	-0.41	-0.35	0.00	0.00	-2.82	-4.92	-8.52	-18.16	-11.01	-4.46	-3.00	-3.25	-3.09									
ADK RESOURCE___RCVRY	23798	26.26	23.99	23.86	23.38	23.27	24.23	25.26	28.25	26.51	25.50	24.91	22.59	21.94	21.66	21.48	24.35	27.95	34.43	44.75	37.16	31.07	28.16	25.70	25.05									
		1.42	1.23	1.22	1.24	1.15	1.26	1.31	1.45	1.43	1.41	1.42	1.26	1.18	1.15	1.12	1.16	1.37	1.51	1.67	1.59	1.72	1.51	1.23	1.19									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-3.37	-1.59	-0.62	-0.56	-0.42	-0.35	0.00	0.00	-2.83	-4.93	-8.53	-18.18	-11.03	-4.47	-3.01	-3.23	-3.07									
ADK S GLENS___FALLS	24028	26.21	23.90	23.77	23.29	23.20	24.16	25.21	28.23	26.45	25.46	24.87	22.55	21.90	21.64	21.46	24.33	27.90	34.37	44.66	37.10	30.99	28.11	25.70	25.06									
		1.37	1.14	1.13	1.15	1.08	1.19	1.27	1.41	1.36	1.36	1.38	1.21	1.14	1.13	1.10	1.14	1.32	1.46	1.59	1.55	1.64	1.47	1.21	1.16									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-3.40	-1.60	-0.62	-0.56	-0.41	-0.35	0.00	0.00	-2.82	-4.92	-8.52	-18.16	-11.01	-4.46	-3.00	-3.25	-3.09									
ADK_NYS___DAM	23527	26.64	24.33	24.19	23.69	23.64	24.58	25.59	28.50	26.92	25.96	25.35	23.04	22.41	22.20	22.01	24.70	28.15	34.58	44.39	37.14	31.23	28.48	26.09	25.45									
		1.79	1.57	1.56	1.55	1.52	1.61	1.67	1.85	1.90	1.90	1.88	1.72	1.67	1.68	1.65	1.63	1.78	2.02	2.07	2.04	2.06	1.96	1.76	1.71									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-3.23	-1.52	-0.59	-0.54	-0.40	-0.33	0.00	0.00	-2.71	-4.72	-8.17	-17.42	-10.56	-4.28	-2.88	-3.09	-2.94									
AIR_PRODUCTS___DRP	24190	25.62	23.49	23.36	22.89	22.85	23.68	24.68	27.49	25.89	24.94	24.35	22.16	21.56	21.33	21.17	23.89	27.20	33.49	43.42	36.07	30.08	27.36	25.18	24.67									
		0.77	0.73	0.72	0.75	0.73	0.71	0.75	0.77	0.85	0.87	0.87	0.84	0.82	0.82	0.81	0.77	0.76	0.80	0.85	0.81	0.85	0.80	0.79	0.87									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-3.30	-1.55	-0.61	-0.55	-0.40	-0.34	0.00	0.00	-2.75	-4.79	-8.29	-17.67	-10.72	-4.34	-2.92	-3.16	-3.00									
AKWESSNE_115KV_BK	355683	24.35	22.42	22.27	21.76	21.72	22.46	22.84	22.88	22.84	22.86	22.33	20.36	19.86	19.54	19.82	19.86	21.07	20.19	18.70	19.66	18.70	18.79	18.86	18.95									
		-0.50	-0.34	-0.36	-0.38	-0.40	-0.51	-0.63	-0.54	-0.66	-0.61	-0.60	-0.56	-0.55	-0.55	-0.53	-0.51	-0.58	-0.73	-0.77	-0.71	-0.72	-0.69	-0.62	-0.62									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.01	0.00	0.00	3.47	5.43	4.17	5.47	4.16	1.76	1.22									
ALBANY_1_SOLAR	323833	26.19	24.06	23.95	23.44	23.38	24.28	25.21	27.84	26.23	25.26	24.63	22.41	21.80	21.58	21.42	24.08	27.44	33.75	43.56	36.32	30.45	27.71	25.40	24.77									
		1.34	1.30	1.31	1.31	1.26	1.31	1.29	1.19	1.22	1.20	1.17	1.09	1.06	1.07	1.06	1.02	1.08	1.22	1.29	1.25	1.29	1.20	1.08	1.04									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-3.22	-1.51	-0.59	-0.54	-0.40	-0.33	0.00	0.00	-2.70	-4.71	-8.15	-17.36	-10.53	-4.27	-2.87	-3.08	-2.93									
ALBANY_2_SOLAR	323834	26.19	24.06	23.95	23.44	23.38	24.28	25.21	27.84	26.23	25.26	24.63	22.41	21.78	21.58	21.40	24.08	27.44	33.73	43.56	36.32	30.45	27.71	25.40	24.77									
		1.34	1.30	1.31	1.31	1.26	1.31	1.29	1.19	1.22	1.20	1.17	1.09	1.04	1.07	1.04	1.02	1.08	1.19	1.29	1.25	1.29	1.20	1.08	1.04									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-3.22	-1.51	-0.59	-0.54	-0.40	-0.33	0.00	0.00	-2.70	-4.71	-8.15	-17.36	-10.53	-4.27	-2.87	-3.08	-2.93									
ALBANY___1	23571	25.62	23.49	23.36	22.89	22.85	23.68	24.68	27.49	25.89	24.94	24.35	22.16	21.56	21.33	21.17	23.89	27.20	33.49	43.42	36.07	30.08	27.36	25.18	24.67									
		0.77	0.73	0.72	0.75	0.73	0.71	0.75	0.77	0.85	0.87	0.87	0.84	0.82	0.82	0.81	0.77	0.76	0.80	0.85	0.81	0.85	0.80	0.79	0.87									
		0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-3.30	-1.55	-0.61	-0.55	-0.40	-0.34	0.00	0.00	-2.75	-4.79	-8.29	-17.67	-10.72	-4.34	-2.92	-3.16	-3.00									

ALBANY___2 23572	25.62 0.77 0.00	23.49 0.73 0.00	23.36 0.72 0.00	22.89 0.75 0.00	22.85 0.73 0.00	23.68 0.71 0.00	24.68 0.75 -0.46	27.49 0.77 -3.30	25.89 0.85 -1.55	24.94 0.87 -0.61	24.35 0.87 -0.55	22.16 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.81 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.42 0.85 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.18 0.79 -3.16	24.67 0.87 -3.00
ALBANY___3 23573	25.62 0.77 0.00	23.49 0.73 0.00	23.36 0.72 0.00	22.89 0.75 0.00	22.85 0.73 0.00	23.68 0.71 0.00	24.68 0.75 -0.46	27.49 0.77 -3.30	25.89 0.85 -1.55	24.94 0.87 -0.61	24.35 0.87 -0.55	22.16 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.81 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.42 0.85 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.18 0.79 -3.16	24.67 0.87 -3.00
ALBANY___4 23574	25.62 0.77 0.00	23.49 0.73 0.00	23.36 0.72 0.00	22.89 0.75 0.00	22.85 0.73 0.00	23.68 0.71 0.00	24.68 0.75 -0.46	27.49 0.77 -3.30	25.89 0.85 -1.55	24.94 0.87 -0.61	24.35 0.87 -0.55	22.16 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.81 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.42 0.85 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.18 0.79 -3.16	24.67 0.87 -3.00
ALBANY___LFGE 323615	25.89 1.04 0.00	23.83 1.07 0.00	23.72 1.09 0.00	23.25 1.11 0.00	23.20 1.08 0.00	24.09 1.13 0.00	25.06 1.13 -0.46	27.74 1.01 -3.31	26.11 1.06 -1.55	25.16 1.08 -0.61	24.56 1.08 -0.55	22.36 1.03 -0.41	21.73 0.98 -0.34	21.50 0.98 0.00	21.33 0.98 0.00	24.10 0.96 -2.77	27.46 0.98 -4.83	33.80 1.05 -8.37	43.83 1.09 -17.83	36.41 1.05 -10.81	30.36 1.09 -4.38	27.65 1.06 -2.95	25.38 0.98 -3.17	24.72 0.91 -3.01
ALCOA_PA_115KV_PL-6C 55860	24.42 -0.42 0.00	22.51 -0.25 0.00	22.36 -0.27 0.00	21.83 -0.31 0.00	21.79 -0.33 0.00	22.49 -0.48 0.00	22.86 -0.61 0.00	22.93 -0.49 0.00	22.86 -0.63 0.00	22.91 -0.56 0.00	22.36 -0.57 0.00	20.38 -0.54 0.00	19.84 -0.57 0.00	19.55 -0.55 0.41	19.84 -0.51 0.01	19.88 -0.49 0.00	21.09 -0.56 0.00	20.32 -0.71 3.36	18.95 -0.70 5.26	19.84 -0.66 4.03	18.92 -0.67 5.29	18.97 -0.64 4.03	18.98 -0.55 1.70	19.03 -0.58 1.18
ALCOA_RYNLDS___DRP 24188	24.42 -0.42 0.00	22.51 -0.25 0.00	22.36 -0.27 0.00	21.83 -0.31 0.00	21.79 -0.33 0.00	22.49 -0.48 0.00	22.86 -0.61 0.00	22.93 -0.49 0.00	22.86 -0.63 0.00	22.91 -0.56 0.00	22.36 -0.57 0.00	20.38 -0.54 0.00	19.84 -0.57 0.00	19.55 -0.55 0.41	19.84 -0.51 0.01	19.88 -0.49 0.00	21.09 -0.56 0.00	20.32 -0.71 3.36	18.95 -0.70 5.26	19.84 -0.66 4.03	18.92 -0.67 5.29	18.97 -0.64 4.03	18.98 -0.55 1.70	19.03 -0.58 1.18
ALCOA___DSASP 323711	24.47 -0.37 0.00	22.51 -0.25 0.00	22.36 -0.27 0.00	21.83 -0.31 0.00	21.79 -0.33 0.00	22.49 -0.48 0.00	22.91 -0.56 0.00	22.95 -0.47 0.00	22.86 -0.63 0.00	22.91 -0.56 0.00	22.36 -0.57 0.00	20.38 -0.54 0.00	19.84 -0.57 0.00	19.55 -0.55 0.41	19.84 -0.51 0.01	19.88 -0.49 0.00	21.09 -0.56 0.00	20.32 -0.71 3.36	18.95 -0.70 5.26	19.84 -0.66 4.03	18.92 -0.67 5.29	18.97 -0.64 4.03	18.98 -0.55 1.70	19.03 -0.58 1.18
ALLEGHENY___COGEN 23514	25.47 0.62 0.00	23.08 0.32 0.00	23.06 0.43 0.00	22.58 0.44 0.00	22.65 0.53 0.00	23.77 0.80 0.00	24.41 0.87 -0.08	24.58 0.61 -0.55	24.39 0.63 -0.26	23.99 0.42 -0.10	23.27 0.25 -0.09	21.14 0.15 -0.07	20.57 0.10 -0.06	20.60 0.08 0.00	20.40 0.04 0.00	20.97 0.14 -0.46	23.00 0.54 -0.80	26.65 0.88 -1.38	28.90 1.05 -2.95	27.21 0.88 -1.79	26.58 0.97 -0.72	24.97 0.85 -0.49	22.35 0.59 -0.52	21.96 0.67 -0.50
ALTAMONT_115KV_TB 2 55880	25.86 1.02 0.00	23.67 0.91 0.00	23.52 0.88 0.00	23.02 0.89 0.00	23.00 0.88 0.00	23.89 0.92 0.00	24.89 0.96 -0.46	27.68 0.96 -3.30	26.03 0.99 -1.55	25.06 0.99 -0.61	24.44 0.96 -0.55	22.21 0.88 -0.40	21.60 0.86 -0.34	21.40 0.88 0.00	21.21 0.86 0.00	23.96 0.84 -2.75	27.37 0.91 -4.80	33.72 1.02 -8.31	43.66 1.05 -17.71	36.29 1.01 -10.74	30.29 1.05 -4.35	27.56 0.99 -2.93	25.30 0.91 -3.16	24.69 0.89 -3.00
ALTONA_WT_PWR 323606	24.70 -0.15 0.00	22.76 0.00 0.00	22.66 0.02 0.00	22.16 0.02 0.00	22.12 0.00 0.00	22.78 -0.18 0.00	23.14 -0.33 0.00	23.09 -0.33 0.00	22.91 -0.59 0.00	22.95 -0.52 0.00	22.33 -0.60 0.00	20.28 -0.65 0.00	19.69 -0.71 0.00	19.29 -0.80 0.42	19.58 -0.77 0.01	19.63 -0.73 0.00	20.90 -0.76 0.00	19.91 -1.00 3.48	18.41 -1.05 5.45	19.30 -1.05 4.18	18.26 -1.14 5.49	18.38 -1.09 4.17	18.45 -1.02 1.77	18.62 -0.96 1.23
AMERICAN_REF_FUEL 24010	22.36 -2.48 0.00	20.35 -2.41 0.00	20.46 -2.17 0.00	20.04 -2.10 0.00	20.11 -2.01 0.00	21.27 -1.70 0.00	21.63 -1.90 -0.06	21.34 -2.51 -0.43	21.44 -2.26 -0.20	21.22 -2.32 -0.08	20.73 -2.27 -0.07	18.88 -2.09 -0.05	18.35 -2.10 -0.04	18.36 -2.15 0.00	18.12 -2.24 0.00	18.50 -2.22 -0.36	20.02 -2.25 -0.62	22.97 -2.49 -1.08	24.65 -2.54 -2.29	23.40 -2.53 -1.39	23.04 -2.41 -0.56	21.77 -2.25 -0.38	19.79 -1.85 -0.41	19.73 -1.46 -0.39
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.93 -1.91 0.00	20.65 -2.12 0.00	20.73 -1.90 0.00	20.43 -1.70 0.00	20.33 -1.79 0.00	21.48 -1.49 0.00	21.68 -1.85 -0.07	21.43 -2.46 -0.47	21.48 -2.23 -0.22	21.26 -2.30 -0.09	20.76 -2.25 -0.08	18.87 -2.11 -0.06	18.42 -2.04 -0.05	18.71 -1.81 0.00	18.44 -1.91 0.00	18.42 -2.34 -0.39	20.03 -2.32 -0.69	23.14 -2.44 -1.19	25.00 -2.44 -2.54	23.70 -2.38 -1.54	23.37 -2.14 -0.62	22.12 -1.94 -0.42	20.09 -1.59 -0.45	20.13 -1.10 -0.43
ARTHUR KILL_GT_1 23520	27.19 2.33 -0.01	24.73 1.96 -0.01	24.54 1.90 -0.01	24.01 1.86 -0.01	24.03 1.90 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.25 2.11 -2.72	26.91 2.14 -1.28	26.10 2.14 -0.50	25.47 2.09 -0.45	23.15 1.88 -0.34	22.88 1.86 -0.61	22.41 1.89 -0.01	22.20 1.83 -0.01	25.94 1.85 -3.72	31.16 2.01 -7.49	33.74 2.32 -7.04	41.92 2.34 -14.68	47.08 2.31 -20.24	30.81 2.32 -3.61	31.18 2.25 -5.29	28.16 2.04 -4.88	25.30 2.02 -2.48
ARTHUR_KILL_2 23512	27.11 2.26 -0.01	24.66 1.89 -0.01	24.47 1.83 -0.01	23.94 1.79 -0.01	23.96 1.83 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.18 2.04 -2.72	26.84 2.07 -1.28	26.04 2.07 -0.50	25.40 2.02 -0.45	23.09 1.82 -0.34	22.81 1.80 -0.61	22.35 1.83 -0.01	22.14 1.77 -0.01	25.88 1.79 -3.72	31.09 1.95 -7.49	33.67 2.24 -7.04	41.82 2.24 -14.68	46.98 2.21 -20.24	30.74 2.24 -3.61	31.08 2.15 -5.29	28.09 1.98 -4.88	25.24 1.95 -2.48
ARTHUR_KILL_3 23513	26.96 2.11 0.00	24.52 1.75 0.00	24.33 1.70 0.00	23.82 1.68 0.00	23.82 1.70 0.00	24.71 1.74 0.00	25.76 1.90 -0.39	28.13 1.99 -2.72	26.89 2.12 -1.28	26.06 2.09 -0.50	25.42 2.04 -0.46	23.09 1.82 -0.34	22.82 1.80 -0.61	22.34 1.83 -0.01	22.13 1.77 -0.01	25.03 1.79 -2.87	28.97 1.93 -5.39	33.53 2.20 -6.95	41.77 2.19 -14.67	40.15 2.16 -13.46	30.66 2.16 -3.61	29.36 2.13 -3.59	26.70 1.93 -3.53	25.15 1.87 -2.47

ARTHUR_KILL_COGEN 323718	27.19 2.33 -0.01	24.73 1.96 -0.01	24.54 1.90 -0.01	24.01 1.86 -0.01	24.03 1.90 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.25 2.11 -2.72	26.91 2.14 -1.28	26.10 2.14 -0.50	25.47 2.09 -0.45	23.15 1.88 -0.34	22.88 1.86 -0.61	22.41 1.89 -0.01	22.20 1.83 -0.01	25.94 1.85 -3.72	31.16 2.01 -7.49	33.74 2.32 -7.04	41.92 2.34 -14.68	47.08 2.31 -20.24	30.81 2.32 -3.61	31.18 2.25 -5.29	28.16 2.04 -4.88	25.30 2.02 -2.48
ASHOKAN____ 23654	26.91 2.06 0.00	24.59 1.82 0.00	24.47 1.83 0.00	24.02 1.88 0.00	23.80 1.68 0.00	24.64 1.68 0.00	24.78 0.89 -0.41	27.26 0.87 -2.97	25.73 0.84 -1.39	24.72 0.70 -0.55	24.02 0.60 -0.49	21.92 0.63 -0.37	21.57 0.86 -0.31	21.50 0.98 0.00	21.36 1.00 0.00	23.32 0.47 -2.49	26.64 0.65 -4.34	32.80 0.90 -7.51	41.97 1.07 -16.00	35.17 0.93 -9.70	29.69 0.87 -3.93	26.97 0.69 -2.65	24.63 0.55 -2.84	23.96 0.46 -2.70
ASTORIA_EAST_ENERGY_CC1 323581	27.04 2.19 -0.01	24.57 1.80 -0.01	24.43 1.79 -0.01	23.92 1.77 -0.01	23.92 1.79 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.95 2.19 -1.27	26.19 2.23 -0.49	25.53 2.15 -0.45	23.22 1.97 -0.33	22.97 1.96 -0.60	22.49 1.99 0.01	22.24 1.89 0.01	24.59 1.94 -2.29	27.66 2.04 -3.96	33.62 2.36 -6.87	41.87 2.32 -14.65	35.73 2.31 -8.88	30.77 2.29 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.61	25.28 2.00 -2.48
ASTORIA_EAST_ENERGY_CC2 323582	27.04 2.19 -0.01	24.59 1.82 -0.01	24.43 1.79 -0.01	23.92 1.77 -0.01	23.92 1.79 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.95 2.19 -1.27	26.19 2.23 -0.49	25.53 2.15 -0.45	23.22 1.97 -0.33	22.97 1.96 -0.60	22.49 1.99 0.01	22.24 1.89 0.01	24.59 1.94 -2.29	27.66 2.04 -3.96	33.62 2.36 -6.87	41.87 2.32 -14.65	35.73 2.31 -8.88	30.77 2.29 -3.59	28.29 2.22 -2.43	25.93 2.08 -2.61	25.30 2.02 -2.48
ASTORIA_GT2_1 24094	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT2_2 24095	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT2_3 24096	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT2_4 24097	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT3_1 24098	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT3_2 24099	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT3_3 24100	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT3_4 24101	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT4_1 24102	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT4_2 24103	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT4_3 24104	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48

ASTORIA_GT4_4 24105	27.06 2.21 0.00	24.59 1.82 0.00	24.42 1.79 0.00	23.93 1.79 0.00	23.95 1.84 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.23 2.08 -2.73	26.98 2.21 -1.28	26.20 2.23 -0.50	25.54 2.16 -0.45	23.21 1.97 -0.32	22.96 1.96 -0.60	22.49 1.99 0.02	22.24 1.89 0.02	24.59 1.93 -2.29	27.68 2.06 -3.96	33.62 2.37 -6.87	41.90 2.34 -14.65	35.75 2.33 -8.88	30.79 2.31 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.62	25.13 1.85 -2.48
ASTORIA_GT_1 23523	27.09 2.24 -0.01	24.62 1.84 -0.01	24.47 1.83 -0.01	23.96 1.82 -0.01	23.96 1.83 -0.01	24.88 1.91 -0.01	25.90 2.04 -0.39	28.24 2.11 -2.71	27.02 2.26 -1.27	26.24 2.28 -0.49	25.58 2.20 -0.45	23.26 2.01 -0.33	23.01 2.00 -0.60	22.54 2.03 0.01	22.28 1.94 0.01	24.63 1.97 -2.29	27.72 2.10 -3.96	33.67 2.41 -6.87	41.92 2.37 -14.65	35.80 2.38 -8.88	30.85 2.37 -3.59	28.34 2.27 -2.43	25.97 2.12 -2.61	25.34 2.06 -2.48
ASTORIA_GT_10 24110	27.16 2.31 0.00	24.70 1.93 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	24.99 2.02 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.37 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
ASTORIA_GT_11 24225	27.16 2.31 0.00	24.70 1.93 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	24.99 2.02 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.37 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
ASTORIA_GT_12 24226	27.16 2.31 0.00	24.70 1.93 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	24.99 2.02 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.37 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
ASTORIA_GT_13 24227	27.16 2.31 0.00	24.70 1.93 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	24.99 2.02 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.37 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
ASTORIA_GT_5 24106	27.11 2.26 0.00	24.63 1.87 0.00	24.47 1.83 0.00	23.98 1.84 0.00	24.00 1.88 0.00	24.97 2.00 0.00	26.03 2.18 -0.38	28.28 2.13 -2.73	27.03 2.26 -1.28	26.25 2.28 -0.50	25.58 2.20 -0.45	23.25 2.01 -0.32	23.01 2.00 -0.60	22.53 2.03 0.02	22.28 1.93 0.02	24.63 1.98 -2.29	27.72 2.10 -3.96	33.67 2.41 -6.87	41.95 2.39 -14.65	35.80 2.38 -8.88	30.84 2.36 -3.59	28.34 2.27 -2.43	25.95 2.10 -2.62	25.17 1.89 -2.48
ASTORIA_GT_7 24107	27.11 2.26 0.00	24.63 1.87 0.00	24.47 1.83 0.00	23.98 1.84 0.00	24.00 1.88 0.00	24.97 2.00 0.00	26.03 2.18 -0.38	28.28 2.13 -2.73	27.03 2.26 -1.28	26.25 2.28 -0.50	25.58 2.20 -0.45	23.25 2.01 -0.32	23.01 2.00 -0.60	22.53 2.03 0.02	22.28 1.93 0.02	24.63 1.98 -2.29	27.72 2.10 -3.96	33.67 2.41 -6.87	41.95 2.39 -14.65	35.80 2.38 -8.88	30.84 2.36 -3.59	28.34 2.27 -2.43	25.95 2.10 -2.62	25.17 1.89 -2.48
ASTORIA_GT_8 24108	27.11 2.26 0.00	24.63 1.87 0.00	24.47 1.83 0.00	23.98 1.84 0.00	24.00 1.88 0.00	24.97 2.00 0.00	26.03 2.18 -0.38	28.28 2.13 -2.73	27.03 2.26 -1.28	26.25 2.28 -0.50	25.58 2.20 -0.45	23.25 2.01 -0.32	23.01 2.00 -0.60	22.53 2.03 0.02	22.28 1.93 0.02	24.63 1.98 -2.29	27.72 2.10 -3.96	33.67 2.41 -6.87	41.95 2.39 -14.65	35.80 2.38 -8.88	30.84 2.36 -3.59	28.34 2.27 -2.43	25.95 2.10 -2.62	25.17 1.89 -2.48
ASTORIA___2 24149	27.04 2.19 -0.01	24.59 1.82 -0.01	24.43 1.79 -0.01	23.92 1.77 -0.01	23.92 1.79 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.97 2.21 -1.27	26.19 2.23 -0.49	25.53 2.15 -0.45	23.22 1.97 -0.33	22.97 1.96 -0.60	22.49 1.99 0.01	22.24 1.89 0.01	24.59 1.94 -2.29	27.68 2.06 -3.96	33.62 2.36 -6.87	41.87 2.32 -14.65	35.75 2.33 -8.88	30.80 2.32 -3.59	28.29 2.22 -2.43	25.93 2.08 -2.61	25.30 2.02 -2.48
ASTORIA___3 23516	27.14 2.28 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.36 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
ASTORIA___4 23517	27.16 2.31 0.00	24.70 1.93 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	24.99 2.02 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.37 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
ASTORIA___5 23518	27.14 2.28 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.36 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
AST_ENERGY_2_CC3 323677	27.03 2.19 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.89 1.75 0.00	23.91 1.79 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.10 2.14 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.80 2.24 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
AST_ENERGY_2_CC4 323678	27.03 2.19 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.89 1.75 0.00	23.91 1.79 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.10 2.14 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.80 2.24 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47

ATHENS_STG_1 23668	26.16 1.32 0.00	23.90 1.14 0.00	23.74 1.11 0.00	23.25 1.11 0.00	23.22 1.11 0.00	24.12 1.15 0.00	25.10 1.22 -0.41	27.60 1.22 -2.96	26.18 1.29 -1.39	25.30 1.29 -0.54	24.66 1.24 -0.49	22.42 1.13 -0.36	21.81 1.10 -0.30	21.64 1.13 0.00	21.44 1.08 0.00	23.93 1.08 -2.48	27.15 1.17 -4.33	33.22 1.34 -7.49	42.21 1.34 -15.97	35.55 1.32 -9.68	30.16 1.34 -3.92	27.58 1.30 -2.64	25.24 1.17 -2.84	24.64 1.14 -2.70
ATHENS_STG_2 23670	26.16 1.32 0.00	23.90 1.14 0.00	23.74 1.11 0.00	23.25 1.11 0.00	23.22 1.11 0.00	24.12 1.15 0.00	25.10 1.22 -0.41	27.60 1.22 -2.96	26.18 1.29 -1.39	25.30 1.29 -0.54	24.66 1.24 -0.49	22.42 1.13 -0.36	21.81 1.10 -0.30	21.64 1.13 0.00	21.44 1.08 0.00	23.93 1.08 -2.48	27.15 1.17 -4.33	33.22 1.34 -7.49	42.21 1.34 -15.97	35.55 1.32 -9.68	30.16 1.34 -3.92	27.58 1.30 -2.64	25.24 1.17 -2.84	24.64 1.14 -2.70
ATHENS_STG_3 23677	26.16 1.32 0.00	23.90 1.14 0.00	23.74 1.11 0.00	23.25 1.11 0.00	23.22 1.11 0.00	24.12 1.15 0.00	25.10 1.22 -0.41	27.60 1.22 -2.96	26.18 1.29 -1.39	25.30 1.29 -0.54	24.66 1.24 -0.49	22.42 1.13 -0.36	21.81 1.10 -0.30	21.64 1.13 0.00	21.44 1.08 0.00	23.93 1.08 -2.48	27.15 1.17 -4.33	33.22 1.34 -7.49	42.21 1.34 -15.97	35.55 1.32 -9.68	30.16 1.34 -3.92	27.58 1.30 -2.64	25.24 1.17 -2.84	24.64 1.14 -2.70
AUBURN___LFGE 323710	24.72 -0.12 0.00	22.56 -0.20 0.00	22.48 -0.16 0.00	21.98 -0.15 0.00	22.01 -0.11 0.00	22.95 -0.02 0.00	23.57 0.05 -0.05	23.79 -0.02 -0.39	23.70 0.02 -0.18	23.49 -0.05 -0.07	22.92 -0.07 -0.07	20.93 -0.04 -0.05	20.39 -0.06 -0.04	20.45 -0.06 0.00	20.26 -0.10 0.00	20.61 -0.08 -0.33	22.25 0.02 -0.57	25.50 0.12 -0.99	27.24 0.22 -2.12	25.92 0.10 -1.28	25.51 0.10 -0.52	24.03 0.05 -0.35	21.57 -0.04 -0.38	21.16 0.00 -0.36
BABYLON_RES_REC 323704	33.06 2.73 -5.48	31.46 2.35 -6.35	27.48 2.31 -2.53	27.55 2.28 -3.13	27.61 2.30 -3.19	30.28 2.37 -4.95	33.07 2.51 -7.09	31.70 2.55 -5.73	27.40 2.63 -1.28	26.55 2.58 -0.50	25.86 2.48 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.77 2.26 0.00	23.11 2.26 -0.49	30.08 2.26 -7.45	34.19 2.47 -10.07	40.49 2.85 -13.25	42.40 2.84 -14.66	39.83 2.82 -12.47	38.60 2.86 -10.85	36.65 2.72 -10.30	33.40 2.46 -9.70	26.82 2.39 -3.63
BABYLON__69_KV_BK2 356345	33.34 3.01 -5.48	31.73 2.62 -6.35	27.73 2.56 -2.53	27.81 2.55 -3.13	27.87 2.57 -3.19	30.63 2.71 -4.95	33.42 2.86 -7.09	31.99 2.83 -5.74	27.66 2.89 -1.28	26.79 2.82 -0.50	26.06 2.68 -0.45	23.62 2.36 -0.33	23.01 2.33 -0.28	22.93 2.42 0.00	23.31 2.46 -0.49	30.30 2.48 -7.45	34.43 2.71 -10.07	40.81 3.17 -13.25	42.72 3.16 -14.66	40.15 3.14 -12.47	38.90 3.16 -10.85	36.94 3.00 -10.30	33.62 2.68 -9.71	26.97 2.54 -3.63
BALL_HILL_WT_PWR 323825	23.23 -1.61 0.00	21.06 -1.71 0.00	21.14 -1.49 0.00	20.74 -1.39 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	22.03 -1.50 -0.06	21.86 -2.01 -0.45	21.92 -1.79 -0.21	21.70 -1.85 -0.08	21.19 -1.81 -0.08	19.29 -1.69 -0.06	18.82 -1.63 -0.05	19.12 -1.40 0.00	18.83 -1.53 0.00	18.87 -1.87 -0.38	20.46 -1.86 -0.66	23.53 -2.00 -1.15	25.33 -2.02 -2.44	24.01 -2.01 -1.48	23.65 -1.84 -0.60	22.34 -1.70 -0.40	20.29 -1.38 -0.43	20.19 -1.02 -0.41
BARON_WINDS___WT_PWR 323822	25.19 0.35 0.00	22.95 0.18 0.00	22.91 0.27 0.00	22.43 0.29 0.00	22.45 0.33 0.00	23.47 0.50 0.00	23.80 0.23 -0.10	24.28 0.14 -0.71	24.04 0.21 -0.34	23.69 0.09 -0.13	23.05 0.00 -0.12	20.99 -0.02 -0.09	20.50 0.02 -0.07	20.72 0.21 0.00	20.50 0.14 0.00	20.82 -0.14 -0.60	22.74 0.04 -1.04	26.36 0.17 -1.80	29.00 0.25 -3.84	26.99 0.12 -2.33	26.06 0.22 -0.94	24.51 0.24 -0.64	22.09 0.17 -0.68	21.68 0.23 -0.65
BARRETT_IC_1 23704	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_10 23701	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_11 23702	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_12 23703	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_2 23705	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_3 23706	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_4 23707	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63

BARRETT_IC_5 23708	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_6 23709	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_7 23710	32.74 2.41 -5.48	31.16 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.34 2.03 -3.19	30.05 2.14 -4.95	32.83 2.28 -7.09	31.43 2.27 -5.74	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.48 1.97 0.00	22.83 1.97 -0.49	29.80 1.98 -7.45	33.83 2.10 -10.07	40.00 2.37 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.12 2.39 -10.85	36.22 2.29 -10.29	33.04 2.10 -9.71	26.45 2.02 -3.63
BARRETT_IC_8 23711	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT_IC_9 23700	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT___1 23545	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BARRETT___2 23546	32.74 2.41 -5.48	31.17 2.05 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.30 1.99 -3.19	29.98 2.07 -4.95	32.74 2.18 -7.09	31.40 2.25 -5.73	27.10 2.33 -1.28	26.27 2.30 -0.50	25.58 2.20 -0.45	23.21 1.95 -0.33	22.61 1.92 -0.28	22.50 1.99 0.00	22.82 1.97 -0.49	29.79 1.97 -7.45	33.83 2.10 -10.07	40.00 2.36 -13.25	41.93 2.37 -14.66	39.34 2.33 -12.47	38.13 2.39 -10.85	36.22 2.29 -10.29	33.06 2.12 -9.70	26.53 2.10 -3.63
BATAVIA___115KV_TB1 55881	23.63 -1.22 0.00	21.44 -1.32 0.00	21.64 -1.00 0.00	20.97 -1.17 0.00	20.97 -1.15 0.00	22.14 -0.83 0.00	22.61 -0.92 -0.06	22.51 -1.31 -0.40	22.44 -1.25 -0.19	22.23 -1.31 -0.07	21.73 -1.26 -0.07	19.80 -1.17 -0.05	19.20 -1.24 -0.04	19.22 -1.29 0.00	18.99 -1.36 0.00	19.38 -1.32 -0.34	21.05 -1.19 -0.59	24.14 -1.27 -1.02	25.88 -1.20 -2.17	24.58 -1.28 -1.32	24.25 -1.17 -0.53	22.89 -1.11 -0.36	20.69 -0.93 -0.39	20.65 -0.52 -0.37
BAYONEEC___CTG1 323682	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG10 323750	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG2 323683	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG3 323684	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG4 323685	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG5 323686	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG6 323687	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47

BAYONEEC___CTG7 323688	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG8 323689	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BAYONEEC___CTG9 323749	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.83 1.97 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.98 -2.62	25.21 1.93 -2.47
BEACON___LESR 323632	26.16 1.32 0.00	24.06 1.30 0.00	23.95 1.31 0.00	23.47 1.33 0.00	23.42 1.30 0.00	24.35 1.38 0.00	25.31 1.38 -0.46	27.96 1.26 -3.27	26.35 1.31 -1.54	25.38 1.31 -0.60	24.78 1.31 -0.55	22.54 1.21 -0.40	21.91 1.16 -0.34	21.68 1.17 0.00	21.52 1.16 0.00	24.25 1.14 -2.74	27.63 1.19 -4.78	33.96 1.29 -8.28	43.92 1.37 -17.65	36.56 1.32 -10.70	30.62 1.39 -4.34	27.88 1.32 -2.92	25.56 1.19 -3.13	24.90 1.12 -2.98
BEAVER RIVER___HYD 24048	24.77 -0.07 0.00	22.67 -0.09 0.00	22.52 -0.11 0.00	21.99 -0.15 0.00	21.83 -0.29 0.00	22.62 -0.34 0.00	23.18 -0.31 -0.02	23.28 -0.26 -0.12	23.22 -0.33 -0.06	23.21 -0.28 -0.02	22.63 -0.32 -0.02	20.60 -0.34 -0.01	20.05 -0.37 -0.01	20.01 -0.39 0.12	19.95 -0.41 0.00	20.12 -0.35 -0.10	21.53 -0.30 -0.17	23.60 -0.12 0.66	23.91 -0.12 0.87	23.60 -0.17 0.77	23.35 -0.17 1.36	22.28 -0.31 1.05	20.52 -0.34 0.37	20.17 -0.40 0.23
BEEBEE_GT_13 23619	23.73 -1.12 0.00	21.58 -1.18 0.00	21.68 -0.95 0.00	21.08 -1.06 0.00	21.08 -1.04 0.00	22.14 -0.83 0.00	22.86 -0.66 -0.05	22.88 -0.91 -0.37	22.80 -0.87 -0.17	22.62 -0.92 -0.07	22.12 -0.87 -0.06	20.17 -0.80 -0.05	19.57 -0.88 -0.04	19.49 -1.03 0.00	19.28 -1.08 0.00	19.80 -0.88 -0.31	21.39 -0.80 -0.54	24.49 -0.83 -0.93	26.14 -0.75 -1.98	24.88 -0.86 -1.20	24.58 -0.80 -0.49	23.21 -0.76 -0.33	20.93 -0.66 -0.35	20.74 -0.40 -0.33
BENSHRST_27_KV_BENSHRST_1 355998	27.38 2.53 0.00	24.90 2.14 0.00	24.69 2.06 0.00	24.15 2.01 0.00	24.22 2.10 0.00	25.17 2.20 0.00	26.22 2.37 -0.38	28.49 2.34 -2.73	27.20 2.42 -1.28	26.39 2.42 -0.50	25.74 2.36 -0.45	23.39 2.13 -0.33	23.10 2.08 -0.61	22.63 2.11 0.00	22.43 2.08 0.00	26.18 2.10 -3.72	31.42 2.27 -7.49	34.03 2.61 -7.04	42.20 2.61 -14.68	47.35 2.58 -20.24	31.08 2.59 -3.60	31.44 2.51 -5.29	28.40 2.27 -4.89	25.42 2.14 -2.48
BETHLEHEM___GRP 23843	25.62 0.77 0.00	23.49 0.73 0.00	23.36 0.72 0.00	22.89 0.75 0.00	22.85 0.73 0.00	23.68 0.71 0.00	24.68 0.75 -0.46	27.49 0.77 -3.30	25.89 0.85 -1.55	24.94 0.87 -0.61	24.35 0.87 -0.55	22.16 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.81 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.42 0.85 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.18 0.79 -3.16	24.67 0.87 -3.00
BETHLEHEM___GS1 323560	25.64 0.79 0.00	23.65 0.89 0.00	23.54 0.91 0.00	23.07 0.93 0.00	23.02 0.91 0.00	23.91 0.94 0.00	24.84 0.91 -0.46	27.47 0.77 -3.28	25.88 0.84 -1.54	24.94 0.87 -0.60	24.35 0.87 -0.55	22.17 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.82 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.40 0.82 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.14 0.76 -3.14	24.51 0.73 -2.98
BETHLEHEM___GS2 323561	25.64 0.79 0.00	23.65 0.89 0.00	23.54 0.91 0.00	23.07 0.93 0.00	23.02 0.91 0.00	23.91 0.94 0.00	24.84 0.91 -0.46	27.47 0.77 -3.28	25.88 0.84 -1.54	24.94 0.87 -0.60	24.35 0.87 -0.55	22.17 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.82 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.40 0.82 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.14 0.76 -3.14	24.51 0.73 -2.98
BETHLEHEM___GS3 323562	25.64 0.79 0.00	23.65 0.89 0.00	23.54 0.91 0.00	23.07 0.93 0.00	23.02 0.91 0.00	23.91 0.94 0.00	24.84 0.91 -0.46	27.47 0.77 -3.28	25.88 0.84 -1.54	24.94 0.87 -0.60	24.35 0.87 -0.55	22.17 0.84 -0.40	21.56 0.82 -0.34	21.33 0.82 0.00	21.17 0.82 0.00	23.89 0.77 -2.75	27.20 0.76 -4.79	33.49 0.80 -8.29	43.40 0.82 -17.67	36.07 0.81 -10.72	30.08 0.85 -4.34	27.36 0.80 -2.92	25.14 0.76 -3.14	24.51 0.73 -2.98
BETHLEHEM___STEEL 23779	23.38 -1.47 0.00	21.22 -1.55 0.00	21.43 -1.20 0.00	20.74 -1.39 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	21.98 -1.55 -0.06	21.92 -1.94 -0.45	21.85 -1.86 -0.21	21.63 -1.92 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.76 -1.69 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.45 -1.86 -0.65	23.44 -2.07 -1.13	25.29 -2.02 -2.41	23.91 -2.09 -1.46	23.56 -1.92 -0.59	22.24 -1.80 -0.40	20.22 -1.44 -0.43	20.25 -0.96 -0.41
BETHLHEM_115KV_TB1 79974	25.67 0.82 0.00	23.54 0.77 0.00	23.40 0.77 0.00	22.91 0.77 0.00	22.89 0.77 0.00	23.73 0.76 0.00	24.73 0.80 -0.46	27.54 0.82 -3.29	25.94 0.89 -1.55	24.97 0.89 -0.61	24.37 0.89 -0.55	22.19 0.86 -0.40	21.58 0.84 -0.34	21.35 0.84 0.00	21.17 0.81 0.00	23.91 0.79 -2.75	27.25 0.80 -4.79	33.53 0.85 -8.29	43.47 0.90 -17.67	36.11 0.86 -10.72	30.13 0.90 -4.34	27.41 0.85 -2.92	25.22 0.83 -3.15	24.67 0.87 -3.00
BETHPAGE_CC_5 323564	32.91 2.58 -5.48	31.32 2.21 -6.35	27.34 2.17 -2.53	27.41 2.15 -3.13	27.48 2.17 -3.19	30.14 2.23 -4.95	32.90 2.35 -7.09	31.56 2.41 -5.73	27.29 2.52 -1.28	26.48 2.51 -0.50	25.81 2.43 -0.45	23.39 2.14 -0.33	22.79 2.10 -0.28	22.71 2.20 0.00	23.05 2.20 -0.49	30.00 2.18 -7.45	34.02 2.29 -10.07	40.29 2.66 -13.25	42.20 2.64 -14.66	39.64 2.63 -12.47	38.40 2.66 -10.85	36.46 2.53 -10.30	33.27 2.34 -9.70	26.70 2.27 -3.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.48 -1.37 0.00	21.31 -1.46 0.00	21.50 -1.13 0.00	20.83 -1.31 0.00	20.81 -1.30 0.00	22.00 -0.96 0.00	21.94 -1.60 -0.06	21.88 -1.99 -0.45	21.83 -1.88 -0.21	21.60 -1.95 -0.08	21.10 -1.90 -0.08	19.22 -1.76 -0.06	18.76 -1.69 -0.05	19.14 -1.37 0.00	18.87 -1.49 0.00	18.81 -1.93 -0.38	20.41 -1.91 -0.66	23.43 -2.10 -1.14	25.30 -2.04 -2.44	23.91 -2.11 -1.48	23.55 -1.94 -0.60	22.22 -1.82 -0.40	20.18 -1.49 -0.43	20.23 -0.98 -0.41

BINGHAMTON___COGEN 23790	25.14 0.30 0.00	22.92 0.16 0.00	22.86 0.23 0.00	22.34 0.20 0.00	22.36 0.24 0.00	23.34 0.37 0.00	23.85 0.26 -0.13	24.52 0.19 -0.92	24.16 0.23 -0.43	23.83 0.19 -0.17	23.22 0.14 -0.15	21.14 0.10 -0.11	20.64 0.14 -0.09	20.74 0.23 0.00	20.54 0.18 0.00	21.17 0.04 -0.77	23.14 0.15 -1.34	26.94 0.24 -2.31	30.13 0.30 -4.93	27.72 0.20 -2.99	26.37 0.27 -1.21	24.69 0.24 -0.82	22.30 0.19 -0.88	21.88 0.25 -0.83
BIXINCNT_115KV_LOAD 355685	23.65 -1.19 0.00	21.35 -1.41 0.00	21.34 -1.29 0.00	20.61 -1.53 0.00	20.55 -1.57 0.00	21.66 -1.31 0.00	21.33 -2.21 -0.07	21.37 -2.53 -0.48	21.28 -2.44 -0.23	21.02 -2.53 -0.09	20.53 -2.48 -0.08	18.62 -2.36 -0.06	18.25 -2.20 -0.05	18.85 -1.66 0.00	18.57 -1.79 0.00	18.24 -2.53 -0.40	19.78 -2.58 -0.70	22.80 -2.80 -1.22	24.68 -2.81 -2.59	23.31 -2.80 -1.57	23.06 -2.46 -0.64	21.68 -2.39 -0.43	19.70 -2.00 -0.46	19.87 -1.37 -0.44
BLACK RIVER___HYD 24047	24.87 0.02 0.00	22.72 -0.05 0.00	22.59 -0.05 0.00	22.07 -0.07 0.00	22.03 -0.09 0.00	22.88 -0.09 0.00	23.47 -0.02 -0.02	23.59 0.00 -0.17	23.50 -0.07 -0.08	23.45 -0.05 -0.03	22.84 -0.11 -0.03	20.82 -0.12 -0.02	20.26 -0.16 -0.02	20.23 -0.21 0.08	20.13 -0.22 0.00	20.34 -0.16 -0.14	21.84 -0.06 -0.25	24.37 0.22 0.24	25.02 0.25 0.14	24.44 0.15 0.25	24.21 0.15 0.83	22.96 -0.02 0.65	20.95 -0.11 0.18	20.53 -0.19 0.08
BLACKRVR_115KV_TB2 79977	24.87 0.02 0.00	22.74 -0.02 0.00	22.61 -0.02 0.00	22.09 -0.04 0.00	22.03 -0.09 0.00	22.88 -0.09 0.00	23.47 -0.02 -0.02	23.59 0.00 -0.17	23.50 -0.07 -0.08	23.45 -0.05 -0.03	22.84 -0.11 -0.03	20.82 -0.13 -0.02	20.26 -0.16 -0.02	20.23 -0.21 0.08	20.13 -0.22 0.00	20.34 -0.16 -0.14	21.84 -0.06 -0.25	24.37 0.22 0.24	25.02 0.25 0.14	24.43 0.15 0.25	24.21 0.15 0.83	22.96 -0.02 0.65	20.95 -0.11 0.18	20.55 -0.17 0.08
BLISS_WT_PWR 323608	23.33 -1.52 0.00	21.08 -1.68 0.00	20.91 -1.72 0.00	20.37 -1.77 0.00	20.33 -1.79 0.00	21.41 -1.56 0.00	21.09 -2.44 -0.07	21.02 -2.88 -0.48	21.07 -2.65 -0.23	20.81 -2.75 -0.09	20.33 -2.68 -0.08	18.41 -2.57 -0.06	18.05 -2.41 -0.05	18.63 -1.89 0.00	18.36 -1.99 0.00	18.04 -2.73 -0.40	19.52 -2.84 -0.70	22.56 -3.05 -1.22	24.36 -3.14 -2.59	23.07 -3.04 -1.57	22.84 -2.69 -0.64	21.47 -2.60 -0.43	19.51 -2.19 -0.46	19.64 -1.60 -0.44
BLUESTONE___WT_PWR 323821	26.79 1.94 0.00	24.40 1.64 0.00	24.29 1.65 0.00	23.73 1.59 0.00	23.84 1.73 0.00	24.85 1.88 0.00	25.48 1.88 -0.14	26.27 1.87 -0.98	25.79 1.83 -0.46	25.46 1.81 -0.18	24.74 1.65 -0.16	22.51 1.46 -0.12	21.92 1.41 -0.10	21.91 1.40 0.00	21.70 1.34 0.00	22.47 1.28 -0.82	24.60 1.52 -1.43	28.91 2.05 -2.47	32.29 2.12 -5.27	29.72 1.99 -3.20	28.25 2.06 -1.30	26.30 1.80 -0.87	23.68 1.51 -0.94	23.17 1.48 -0.89
BLUE_CIRC_CHEM_DRP 24182	25.96 1.12 0.00	23.79 1.02 0.00	23.65 1.02 0.00	23.16 1.02 0.00	23.11 1.00 0.00	23.98 1.01 0.00	24.98 1.06 -0.45	27.70 1.03 -3.24	26.08 1.06 -1.52	25.12 1.06 -0.60	24.50 1.03 -0.54	22.28 0.96 -0.40	21.68 0.94 -0.33	21.46 0.94 0.00	21.29 0.94 0.00	23.99 0.92 -2.71	27.33 0.95 -4.72	33.61 1.05 -8.17	43.44 1.12 -17.41	36.18 1.08 -10.56	30.29 1.12 -4.28	27.58 1.06 -2.88	25.32 0.98 -3.11	24.75 1.00 -2.95
BOC_GAS_DRP 24189	25.79 0.94 0.00	23.61 0.84 0.00	23.45 0.81 0.00	22.96 0.82 0.00	22.94 0.82 0.00	23.82 0.85 0.00	24.82 0.89 -0.46	27.59 0.89 -3.28	25.98 0.94 -1.54	25.01 0.94 -0.60	24.39 0.92 -0.55	22.16 0.84 -0.40	21.56 0.82 -0.34	21.35 0.84 0.00	21.17 0.81 0.00	23.90 0.79 -2.74	27.28 0.84 -4.78	33.62 0.95 -8.28	43.52 0.97 -17.64	36.17 0.93 -10.70	30.19 0.97 -4.33	27.48 0.92 -2.92	25.23 0.85 -3.14	24.64 0.85 -2.99
BOONVILLE_115KV_TB1 79983	25.44 0.60 0.00	23.29 0.52 0.00	23.15 0.52 0.00	22.63 0.49 0.00	22.54 0.42 0.00	23.41 0.44 0.00	23.98 0.49 -0.01	24.04 0.52 -0.10	24.04 0.49 -0.05	24.00 0.52 -0.02	23.43 0.48 -0.02	21.33 0.40 -0.01	20.79 0.37 -0.01	20.83 0.35 0.03	20.68 0.33 0.00	20.80 0.35 -0.08	22.21 0.41 -0.15	25.04 0.63 -0.01	25.72 0.65 -0.17	25.17 0.59 -0.04	25.27 0.62 0.24	23.91 0.47 0.20	21.57 0.36 0.03	21.14 0.33 -0.01
BORALEX_4TH_BRANCH 23824	26.64 1.79 0.00	24.33 1.57 0.00	24.17 1.54 0.00	23.67 1.53 0.00	23.64 1.53 0.00	24.58 1.61 0.00	25.64 1.71 -0.46	28.56 1.85 -3.29	26.94 1.90 -1.54	25.97 1.90 -0.60	25.35 1.88 -0.54	23.04 1.72 -0.40	22.41 1.67 -0.33	22.20 1.68 0.00	22.01 1.65 0.00	24.70 1.63 -2.71	28.15 1.78 -4.72	34.58 2.02 -8.17	44.41 2.09 -17.42	37.14 2.04 -10.56	31.23 2.07 -4.28	28.48 1.96 -2.88	26.14 1.76 -3.15	25.50 1.71 -2.99
BOWLINE___1 23526	26.81 1.96 0.00	24.42 1.66 0.00	24.26 1.63 0.00	23.75 1.62 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.98 1.85 -2.71	26.72 1.95 -1.27	25.91 1.95 -0.50	25.26 1.88 -0.45	22.95 1.69 -0.33	22.34 1.65 -0.28	22.20 1.68 0.00	21.99 1.63 0.00	24.27 1.63 -2.27	27.39 1.78 -3.96	33.29 2.05 -6.86	41.56 2.04 -14.61	35.41 2.01 -8.86	30.52 2.04 -3.59	28.01 1.96 -2.42	25.61 1.78 -2.60	24.99 1.73 -2.47
BOWLINE___2 23595	26.81 1.96 0.00	24.42 1.66 0.00	24.26 1.63 0.00	23.75 1.62 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.98 1.85 -2.71	26.72 1.95 -1.27	25.91 1.95 -0.50	25.26 1.88 -0.45	22.95 1.69 -0.33	22.34 1.65 -0.28	22.20 1.68 0.00	21.99 1.63 0.00	24.29 1.65 -2.27	27.39 1.78 -3.96	33.30 2.05 -6.86	41.57 2.04 -14.62	35.42 2.01 -8.87	30.52 2.04 -3.59	28.02 1.96 -2.42	25.62 1.78 -2.60	24.99 1.73 -2.47
BRADY___115KV_TB2 356060	24.55 -0.30 0.00	22.60 -0.16 0.00	22.45 -0.18 0.00	21.90 -0.24 0.00	21.87 -0.24 0.00	22.56 -0.41 0.00	22.93 -0.54 0.00	23.02 -0.40 0.00	22.93 -0.56 0.00	23.00 -0.47 0.00	22.42 -0.50 0.00	20.44 -0.48 0.00	19.90 -0.51 0.00	19.62 -0.51 0.38	19.86 -0.49 0.01	19.92 -0.45 0.00	21.18 -0.48 0.00	20.67 -0.56 3.16	19.38 -0.57 4.95	20.20 -0.54 3.80	19.36 -0.55 4.98	19.28 -0.57 3.79	19.14 -0.49 1.60	19.15 -0.54 1.11
BRANSCOMB___SOLAR 323811	26.26 1.42 0.00	24.02 1.25 0.00	23.88 1.24 0.00	23.38 1.24 0.00	23.31 1.19 0.00	24.25 1.29 0.00	25.25 1.31 -0.47	28.26 1.50 -3.34	26.54 1.48 -1.57	25.54 1.46 -0.61	24.95 1.47 -0.56	22.65 1.32 -0.41	22.02 1.27 -0.34	21.79 1.27 0.00	21.60 1.24 0.00	24.43 1.26 -2.80	27.94 1.41 -4.87	34.41 1.58 -8.44	44.58 1.69 -17.99	37.09 1.64 -10.91	31.02 1.72 -4.42	28.20 1.58 -2.97	25.79 1.36 -3.19	25.15 1.31 -3.04
BRENTWOD_69_KV_W. BRTWOOD 56703	33.21 2.88 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.70 2.44 -3.13	27.78 2.48 -3.19	30.53 2.62 -4.95	33.33 2.77 -7.09	31.90 2.74 -5.74	27.57 2.80 -1.28	26.69 2.72 -0.50	26.00 2.61 -0.45	23.54 2.28 -0.33	22.93 2.24 -0.28	22.85 2.34 0.00	23.23 2.38 -0.49	30.20 2.38 -7.45	34.35 2.62 -10.07	40.64 3.00 -13.25	42.57 3.01 -14.66	40.00 2.99 -12.47	38.77 3.04 -10.85	36.82 2.88 -10.30	33.53 2.59 -9.71	26.89 2.45 -3.63

BRISTLHL_115KV_TB1 79998	24.13 -0.72 0.00	22.04 -0.73 0.00	21.95 -0.68 0.00	21.50 -0.64 0.00	21.50 -0.62 0.00	22.37 -0.60 0.00	22.94 -0.56 -0.04	23.08 -0.61 -0.27	23.03 -0.59 -0.12	22.91 -0.61 -0.05	22.35 -0.62 -0.04	20.43 -0.52 -0.03	19.93 -0.51 -0.03	19.96 -0.55 0.00	19.79 -0.57 0.00	20.04 -0.55 -0.22	21.52 -0.52 -0.39	24.52 -0.54 -0.67	25.86 -0.47 -1.43	24.86 -0.54 -0.87	24.69 -0.55 -0.35	23.33 -0.54 -0.24	20.96 -0.53 -0.25	20.56 -0.48 -0.24
BROOKHAVEN___DRP 24191	33.14 2.81 -5.48	31.60 2.48 -6.35	27.59 2.42 -2.53	27.72 2.46 -3.13	27.81 2.50 -3.19	30.56 2.64 -4.95	33.35 2.79 -7.09	31.90 2.74 -5.74	27.52 2.75 -1.28	26.62 2.65 -0.50	25.90 2.52 -0.45	23.46 2.20 -0.33	22.85 2.16 -0.28	22.77 2.26 0.00	23.17 2.32 -0.49	30.16 2.34 -7.45	34.33 2.60 -10.07	40.66 3.02 -13.25	42.57 3.01 -14.66	40.00 2.99 -12.47	38.75 3.01 -10.85	36.84 2.91 -10.30	33.51 2.57 -9.71	26.87 2.43 -3.63
BROOKLYN_NAVY_YARD 23515	27.03 2.19 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.89 1.75 0.00	23.91 1.79 0.00	24.81 1.84 0.00	25.85 1.99 -0.39	28.22 2.08 -2.72	26.98 2.21 -1.28	26.15 2.18 -0.50	25.51 2.13 -0.45	23.16 1.90 -0.33	22.91 1.90 -0.61	22.42 1.91 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.88 2.32 -14.66	35.73 2.31 -8.89	30.81 2.32 -3.60	28.30 2.22 -2.44	25.87 2.02 -2.62	25.23 1.95 -2.47
BROOKLYN___ARMY_DRP 323595	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
BROOKVLE_69_KV_TB1 55790	32.99 2.66 -5.48	31.39 2.28 -6.35	27.39 2.22 -2.53	27.46 2.19 -3.13	27.54 2.23 -3.19	30.26 2.34 -4.95	33.07 2.51 -7.09	31.64 2.48 -5.74	27.34 2.56 -1.28	26.48 2.51 -0.50	25.81 2.43 -0.45	23.39 2.13 -0.33	22.79 2.10 -0.28	22.69 2.17 0.00	23.03 2.18 -0.49	30.00 2.18 -7.45	34.07 2.34 -10.07	40.37 2.73 -13.25	42.30 2.74 -14.66	39.71 2.70 -12.47	38.47 2.74 -10.85	36.53 2.60 -10.29	33.30 2.36 -9.71	26.66 2.23 -3.63
BROOME_2_LFGE 323671	25.07 0.22 0.00	22.88 0.11 0.00	22.81 0.18 0.00	22.34 0.20 0.00	22.34 0.22 0.00	23.31 0.35 0.00	23.83 0.23 -0.13	24.50 0.17 -0.91	24.16 0.23 -0.43	23.80 0.17 -0.17	23.22 0.14 -0.15	21.14 0.11 -0.11	20.65 0.14 -0.09	20.74 0.23 0.00	20.54 0.18 0.00	21.17 0.04 -0.77	23.15 0.15 -1.34	26.94 0.24 -2.31	30.11 0.27 -4.93	27.72 0.20 -2.99	26.37 0.27 -1.21	24.69 0.24 -0.82	22.30 0.19 -0.88	21.86 0.23 -0.83
BROOME___LFGE 323600	25.07 0.22 0.00	22.88 0.11 0.00	22.81 0.18 0.00	22.34 0.20 0.00	22.34 0.22 0.00	23.31 0.35 0.00	23.83 0.23 -0.13	24.50 0.17 -0.91	24.16 0.23 -0.43	23.80 0.17 -0.17	23.22 0.14 -0.15	21.14 0.11 -0.11	20.65 0.14 -0.09	20.74 0.23 0.00	20.54 0.18 0.00	21.17 0.04 -0.77	23.15 0.15 -1.34	26.94 0.24 -2.31	30.11 0.27 -4.93	27.72 0.20 -2.99	26.37 0.27 -1.21	24.69 0.24 -0.82	22.30 0.19 -0.88	21.86 0.23 -0.83
BROWNFLS_115KV_TB_3_5 80003	24.40 -0.45 0.00	22.40 -0.36 0.00	22.27 -0.36 0.00	21.70 -0.44 0.00	21.59 -0.53 0.00	22.28 -0.69 0.00	22.78 -0.70 -0.01	22.87 -0.63 -0.08	22.81 -0.73 -0.04	22.80 -0.68 -0.02	22.23 -0.71 -0.01	20.26 -0.67 -0.01	19.72 -0.69 -0.01	19.57 -0.72 0.22	19.64 -0.71 0.00	19.78 -0.65 -0.07	21.11 -0.67 -0.12	22.13 -0.63 1.63	21.85 -0.62 2.43	21.94 -0.66 1.93	21.43 -0.67 2.79	20.78 -0.73 2.13	19.72 -0.66 0.85	19.52 -0.71 0.57
BROWNSV1_27_KV_LOAD 356125	27.26 2.41 0.00	24.79 2.03 0.00	24.58 1.95 0.00	24.07 1.93 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.12 2.35 -1.28	26.32 2.35 -0.50	25.67 2.29 -0.45	23.31 2.05 -0.33	23.03 2.02 -0.61	22.56 2.05 0.00	22.35 2.00 0.00	24.68 2.02 -2.30	27.79 2.17 -3.97	33.78 2.51 -6.88	42.08 2.52 -14.66	35.91 2.48 -8.89	30.98 2.49 -3.60	28.46 2.39 -2.44	26.03 2.17 -2.63	25.32 2.04 -2.48
BURROWS___LYONSDAL 23803	25.34 0.50 0.00	23.17 0.41 0.00	23.04 0.41 0.00	22.49 0.35 0.00	22.38 0.27 0.00	23.24 0.28 0.00	23.81 0.33 -0.01	23.88 0.35 -0.10	23.85 0.31 -0.05	23.82 0.33 -0.02	23.24 0.30 -0.02	21.19 0.25 -0.01	20.62 0.20 -0.01	20.65 0.18 0.05	20.52 0.16 0.00	20.64 0.18 -0.09	22.07 0.26 -0.15	24.73 0.46 0.12	25.37 0.50 0.04	24.84 0.42 0.12	24.87 0.45 0.46	23.58 0.31 0.36	21.35 0.21 0.09	20.93 0.17 0.04
CAITHNESS_CC_1 323624	33.06 2.73 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.66 2.39 -3.13	27.72 2.41 -3.19	30.42 2.50 -4.95	33.19 2.63 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.57 2.60 -0.50	25.86 2.48 -0.45	23.41 2.16 -0.33	22.81 2.12 -0.28	22.77 2.26 0.00	23.13 2.28 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
CALPINE BETH_PAGE_GT4 24209	32.86 2.53 -5.48	31.28 2.16 -6.35	27.30 2.13 -2.53	27.35 2.08 -3.13	27.43 2.12 -3.19	30.17 2.25 -4.95	32.95 2.39 -7.09	31.52 2.37 -5.74	27.27 2.49 -1.28	26.48 2.51 -0.50	25.79 2.41 -0.45	23.39 2.13 -0.33	22.79 2.10 -0.28	22.69 2.17 0.00	23.05 2.20 -0.49	29.96 2.14 -7.45	33.91 2.19 -10.07	40.17 2.54 -13.25	42.10 2.54 -14.66	39.54 2.53 -12.47	38.27 2.54 -10.85	36.37 2.43 -10.30	33.21 2.27 -9.71	26.58 2.14 -3.63
CALPINE_BETH_PAGE_GT_4 323586	32.87 2.54 -5.48	31.28 2.16 -6.35	27.27 2.11 -2.53	27.35 2.08 -3.13	27.41 2.10 -3.19	30.10 2.18 -4.95	32.86 2.30 -7.09	31.52 2.36 -5.73	27.26 2.49 -1.28	26.48 2.51 -0.50	25.79 2.41 -0.45	23.39 2.14 -0.33	22.79 2.10 -0.28	22.71 2.20 0.00	23.05 2.20 -0.49	29.96 2.14 -7.45	33.91 2.19 -10.07	40.17 2.54 -13.25	42.10 2.54 -14.66	39.54 2.53 -12.47	38.28 2.54 -10.85	36.37 2.44 -10.30	33.21 2.27 -9.70	26.63 2.20 -3.63
CALPINE_BP_GT1 23823	32.87 2.54 -5.48	31.28 2.16 -6.35	27.27 2.11 -2.53	27.35 2.08 -3.13	27.41 2.10 -3.19	30.10 2.18 -4.95	32.86 2.30 -7.09	31.52 2.36 -5.73	27.26 2.49 -1.28	26.48 2.51 -0.50	25.79 2.41 -0.45	23.39 2.14 -0.33	22.79 2.10 -0.28	22.71 2.20 0.00	23.05 2.20 -0.49	29.96 2.14 -7.45	33.91 2.19 -10.07	40.17 2.54 -13.25	42.10 2.54 -14.66	39.54 2.53 -12.47	38.28 2.54 -10.85	36.37 2.44 -10.30	33.21 2.27 -9.70	26.63 2.20 -3.63
CALSPAN___DRP 24200	23.38 -1.47 0.00	21.22 -1.55 0.00	21.43 -1.20 0.00	20.74 -1.39 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	21.98 -1.55 -0.06	21.92 -1.94 -0.45	21.85 -1.86 -0.21	21.63 -1.92 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.76 -1.69 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.45 -1.86 -0.65	23.44 -2.07 -1.13	25.29 -2.02 -2.41	23.91 -2.09 -1.46	23.56 -1.92 -0.59	22.24 -1.80 -0.40	20.22 -1.44 -0.43	20.25 -0.96 -0.41

CALVERTON___SOLAR 323806	33.19 2.86 -5.48	31.64 2.53 -6.35	27.66 2.49 -2.53	27.79 2.52 -3.13	27.85 2.54 -3.19	30.56 2.64 -4.95	33.33 2.77 -7.09	31.94 2.79 -5.73	27.59 2.82 -1.28	26.67 2.70 -0.50	25.95 2.57 -0.45	23.50 2.24 -0.33	22.87 2.18 -0.28	22.85 2.34 0.00	23.21 2.36 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.85 3.11 -10.85	36.91 2.98 -10.30	33.57 2.63 -9.70	26.99 2.56 -3.63
CANDIGU_WT_PWR 323617	25.19 0.35 0.00	22.95 0.18 0.00	22.91 0.27 0.00	22.43 0.29 0.00	22.45 0.33 0.00	23.47 0.50 0.00	23.80 0.23 -0.10	24.28 0.14 -0.71	24.04 0.21 -0.34	23.69 0.09 -0.13	23.05 0.00 -0.12	20.99 -0.02 -0.09	20.50 0.02 -0.07	20.72 0.21 0.00	20.50 0.14 0.00	20.82 -0.14 -0.60	22.74 0.04 -1.04	26.36 0.17 -1.80	29.00 0.25 -3.84	26.99 0.12 -2.33	26.06 0.22 -0.94	24.51 0.24 -0.64	22.09 0.17 -0.68	21.68 0.23 -0.65
CARR STREET_E_SYR 24060	24.30 -0.55 0.00	22.20 -0.57 0.00	22.09 -0.54 0.00	21.63 -0.51 0.00	21.65 -0.47 0.00	22.58 -0.39 0.00	23.16 -0.35 -0.04	23.30 -0.42 -0.30	23.26 -0.38 -0.14	23.10 -0.42 -0.05	22.57 -0.41 -0.05	20.60 -0.36 -0.04	20.09 -0.35 -0.03	20.14 -0.37 0.00	19.97 -0.39 0.00	20.23 -0.39 -0.25	21.74 -0.35 -0.43	24.82 -0.32 -0.75	26.23 -0.27 -1.60	25.16 -0.34 -0.97	24.93 -0.35 -0.39	23.55 -0.35 -0.26	21.18 -0.34 -0.28	20.76 -0.31 -0.27
CARTHAGE___PAPER 23857	24.75 -0.10 0.00	22.65 -0.11 0.00	22.50 -0.13 0.00	21.96 -0.18 0.00	21.85 -0.26 0.00	22.67 -0.30 0.00	23.23 -0.26 -0.02	23.36 -0.21 -0.15	23.28 -0.28 -0.07	23.26 -0.23 -0.03	22.65 -0.30 -0.02	20.65 -0.29 -0.02	20.10 -0.33 -0.02	20.05 -0.37 0.10	19.99 -0.37 0.00	20.19 -0.30 -0.13	21.64 -0.24 -0.22	23.96 -0.02 0.40	24.48 0.00 0.42	24.01 -0.07 0.45	23.78 -0.07 1.03	22.60 -0.24 0.80	20.68 -0.30 0.25	20.29 -0.37 0.14
CASSADAGA_WT_PWR 323784	23.11 -1.74 0.00	20.72 -2.05 0.00	20.78 -1.86 0.00	20.54 -1.59 0.00	20.35 -1.77 0.00	21.48 -1.49 0.00	21.68 -1.85 -0.07	21.39 -2.51 -0.47	21.42 -2.30 -0.22	21.16 -2.39 -0.09	20.67 -2.34 -0.08	18.79 -2.20 -0.06	18.31 -2.14 -0.05	18.71 -1.81 0.00	18.42 -1.93 0.00	18.30 -2.46 -0.40	19.92 -2.43 -0.69	23.08 -2.51 -1.20	24.95 -2.51 -2.56	23.66 -2.43 -1.55	23.35 -2.17 -0.63	22.12 -1.94 -0.42	20.07 -1.61 -0.45	20.15 -1.08 -0.43
CE_DUNWOOD___DRP 24194	26.86 2.01 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.04 1.90 -2.72	26.75 1.97 -1.28	25.94 1.97 -0.50	25.28 1.90 -0.45	22.97 1.72 -0.33	22.38 1.69 -0.28	22.24 1.72 0.00	22.03 1.67 0.00	24.31 1.67 -2.28	27.42 1.80 -3.97	33.33 2.07 -6.87	41.63 2.06 -14.64	35.48 2.06 -8.88	30.58 2.09 -3.60	28.04 1.99 -2.42	25.65 1.80 -2.61	24.96 1.68 -2.48
CE_MILLWOOD___DRP 24193	26.81 1.96 0.00	24.40 1.64 0.00	24.22 1.58 0.00	23.73 1.59 0.00	23.73 1.61 0.00	24.67 1.70 0.00	25.70 1.85 -0.38	27.96 1.83 -2.71	26.69 1.93 -1.27	25.89 1.92 -0.50	25.24 1.86 -0.45	22.93 1.67 -0.33	22.32 1.63 -0.28	22.18 1.66 0.00	21.97 1.61 0.00	24.26 1.63 -2.27	27.36 1.75 -3.95	33.25 2.02 -6.84	41.49 2.02 -14.57	35.36 1.99 -8.84	30.48 2.02 -3.58	27.98 1.94 -2.41	25.57 1.74 -2.59	24.91 1.64 -2.46
CE_NYC2_DRP 24202	27.16 2.31 0.00	24.72 1.96 0.00	24.53 1.90 0.00	24.00 1.86 0.00	24.06 1.95 0.00	25.01 2.04 0.00	26.05 2.21 -0.38	28.30 2.15 -2.73	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.02 1.93 -3.72	31.22 2.08 -7.49	33.81 2.39 -7.04	41.97 2.39 -14.68	47.13 2.36 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.20 2.08 -4.89	25.23 1.96 -2.48
CE_NYC_DRP 24195	27.08 2.24 0.00	24.63 1.87 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.92 1.95 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.96 2.18 -1.28	26.15 2.18 -0.50	25.49 2.11 -0.45	23.16 1.90 -0.33	22.89 1.88 -0.61	22.40 1.89 0.00	22.21 1.85 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.69 2.26 -8.89	30.76 2.26 -3.60	28.28 2.20 -2.44	25.86 2.00 -2.63	25.15 1.87 -2.48
CHAFFEE___LFGE 323603	23.26 -1.59 0.00	21.10 -1.66 0.00	21.21 -1.43 0.00	20.77 -1.37 0.00	20.81 -1.30 0.00	21.98 -0.99 0.00	22.01 -1.53 -0.06	21.82 -2.06 -0.46	21.90 -1.81 -0.22	21.65 -1.90 -0.09	21.17 -1.84 -0.08	19.27 -1.72 -0.06	18.82 -1.63 -0.05	19.16 -1.35 0.00	18.89 -1.47 0.00	18.88 -1.87 -0.39	20.45 -1.88 -0.68	23.56 -2.00 -1.17	25.36 -2.04 -2.50	24.02 -2.04 -1.52	23.61 -1.89 -0.61	22.28 -1.77 -0.41	20.21 -1.46 -0.44	20.12 -1.10 -0.42
CHATEAUG_35_KV_LOAD 355732	24.55 -0.30 0.00	22.65 -0.11 0.00	22.52 -0.11 0.00	22.03 -0.11 0.00	21.96 -0.15 0.00	22.65 -0.32 0.00	22.95 -0.52 0.00	22.95 -0.47 0.00	22.79 -0.70 0.00	22.84 -0.63 0.00	22.22 -0.71 0.00	20.19 -0.73 0.00	19.63 -0.78 0.00	19.26 -0.84 0.42	19.56 -0.79 0.01	19.61 -0.75 0.00	20.86 -0.80 0.00	19.95 -1.02 3.41	18.46 -1.10 5.35	19.38 -1.06 4.10	18.36 -1.14 5.38	18.45 -1.09 4.09	18.48 -1.02 1.73	18.62 -0.98 1.20
CHATEAUG_WT_PWR 323614	24.55 -0.30 0.00	22.63 -0.14 0.00	22.52 -0.11 0.00	22.01 -0.13 0.00	21.96 -0.15 0.00	22.65 -0.32 0.00	23.00 -0.47 0.00	23.00 -0.42 0.00	22.79 -0.70 0.00	22.81 -0.66 0.00	22.19 -0.73 0.00	20.17 -0.75 0.00	19.59 -0.82 0.00	19.19 -0.90 0.42	19.50 -0.85 0.01	19.55 -0.82 0.00	20.79 -0.87 0.00	19.81 -1.10 3.48	18.28 -1.17 5.46	19.20 -1.15 4.18	18.15 -1.24 5.49	18.28 -1.18 4.18	18.36 -1.11 1.77	18.51 -1.06 1.23
CHAT_HIGH_FALL_HYD 323578	24.55 -0.30 0.00	22.65 -0.11 0.00	22.52 -0.11 0.00	22.03 -0.11 0.00	21.96 -0.15 0.00	22.65 -0.32 0.00	22.95 -0.52 0.00	22.95 -0.47 0.00	22.79 -0.70 0.00	22.84 -0.63 0.00	22.22 -0.71 0.00	20.19 -0.73 0.00	19.63 -0.78 0.00	19.26 -0.84 0.42	19.56 -0.79 0.01	19.61 -0.75 0.00	20.86 -0.80 0.00	19.95 -1.02 3.41	18.46 -1.10 5.35	19.38 -1.06 4.10	18.36 -1.14 5.38	18.45 -1.09 4.09	18.48 -1.02 1.73	18.62 -0.98 1.20
CHAUTAUQUA___LFGE 323629	23.28 -1.56 0.00	21.03 -1.73 0.00	21.12 -1.52 0.00	20.74 -1.39 0.00	20.73 -1.39 0.00	21.87 -1.10 0.00	22.03 -1.50 -0.06	21.85 -2.04 -0.46	21.90 -1.81 -0.22	21.68 -1.88 -0.08	21.17 -1.84 -0.08	19.27 -1.72 -0.06	18.78 -1.67 -0.05	19.10 -1.42 0.00	18.81 -1.55 0.00	18.80 -1.96 -0.39	20.43 -1.91 -0.68	23.53 -2.02 -1.17	25.35 -2.04 -2.49	24.04 -2.01 -1.51	23.71 -1.79 -0.61	22.42 -1.63 -0.41	20.34 -1.34 -0.44	20.29 -0.94 -0.42
CHERRYST_13_KV_LD 356241	27.13 2.29 0.00	24.68 1.91 0.00	24.49 1.86 0.00	23.98 1.84 0.00	24.02 1.90 0.00	24.97 2.00 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.03 2.26 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.21 1.95 -0.33	22.93 1.92 -0.61	22.46 1.95 0.00	22.25 1.89 0.00	24.58 1.91 -2.30	27.69 2.06 -3.97	33.63 2.37 -6.88	41.93 2.37 -14.66	35.76 2.33 -8.89	30.83 2.34 -3.60	28.35 2.27 -2.44	25.90 2.04 -2.63	25.21 1.93 -2.48

CHESTROR_138KV_BK263 355645	26.39 1.54 0.00	24.04 1.27 0.00	23.88 1.24 0.00	23.40 1.26 0.00	23.38 1.26 0.00	24.30 1.33 0.00	25.27 1.46 -0.35	27.33 1.43 -2.48	26.17 1.50 -1.17	25.40 1.48 -0.46	24.76 1.42 -0.41	22.51 1.28 -0.31	21.91 1.24 -0.25	21.76 1.25 0.00	21.58 1.22 0.00	23.64 1.20 -2.08	26.60 1.32 -3.62	32.19 1.54 -6.27	39.81 1.54 -13.36	34.14 1.50 -8.10	29.71 1.54 -3.28	27.31 1.47 -2.21	24.95 1.34 -2.38	24.31 1.25 -2.26
CH_MIDHUDSON___DRP 24192	26.76 1.91 0.00	24.38 1.62 0.00	24.22 1.58 0.00	23.71 1.57 0.00	23.69 1.57 0.00	24.62 1.65 0.00	25.64 1.78 -0.38	27.93 1.76 -2.75	26.62 1.83 -1.29	25.78 1.81 -0.51	25.13 1.74 -0.46	22.83 1.57 -0.34	22.22 1.53 -0.28	22.07 1.56 0.00	21.86 1.51 0.00	24.18 1.51 -2.30	27.32 1.65 -4.01	33.26 1.93 -6.95	41.68 1.97 -14.81	35.43 1.91 -8.98	30.44 1.92 -3.64	27.91 1.82 -2.45	25.51 1.64 -2.64	24.84 1.54 -2.50
CH_MISC_IPPS 23765	26.86 2.01 0.00	24.45 1.68 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.94 1.83 -2.70	26.66 1.90 -1.27	25.84 1.88 -0.50	25.17 1.79 -0.45	22.87 1.61 -0.33	22.24 1.55 -0.28	22.09 1.58 0.00	21.90 1.55 0.00	24.17 1.55 -2.26	27.30 1.71 -3.94	33.21 2.00 -6.82	41.47 2.04 -14.53	35.34 1.99 -8.81	30.45 1.99 -3.57	27.91 1.87 -2.40	25.51 1.70 -2.58	24.88 1.62 -2.45
CH_RES_BVR_FALLS 23983	24.52 -0.32 0.00	22.49 -0.27 0.00	22.25 -0.38 0.00	21.63 -0.51 0.00	21.52 -0.60 0.00	22.23 -0.74 0.00	22.67 -0.80 0.00	22.65 -0.77 0.00	22.65 -0.84 0.00	22.65 -0.82 0.00	22.13 -0.80 0.00	20.17 -0.75 0.00	19.67 -0.73 0.00	19.12 -0.74 0.66	19.63 -0.71 0.01	19.69 -0.67 0.00	20.92 -0.74 0.00	18.09 -0.88 5.42	15.50 -0.92 8.49	17.15 -0.88 6.51	15.45 -0.89 8.54	16.29 -0.85 6.50	17.72 -0.76 2.75	18.14 -0.75 1.91
CH_RES_NIAGARA 23895	22.34 -2.51 0.00	20.15 -2.62 0.00	20.26 -2.38 0.00	19.84 -2.30 0.00	19.91 -2.21 0.00	21.06 -1.91 0.00	21.58 -1.95 -0.06	21.27 -2.58 -0.42	21.37 -2.33 -0.20	21.15 -2.39 -0.08	20.68 -2.31 -0.07	18.82 -2.15 -0.05	18.29 -2.16 -0.04	18.26 -2.26 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	19.96 -2.32 -0.62	22.89 -2.56 -1.07	24.54 -2.64 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.75 -1.89 -0.40	19.67 -1.52 -0.38
CH_RES_SYRACUSE 23985	24.47 -0.37 0.00	22.35 -0.41 0.00	22.25 -0.38 0.00	21.81 -0.33 0.00	21.81 -0.31 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.49 -0.26 -0.32	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.20 -0.47	25.06 -0.15 -0.82	26.56 -0.10 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.91 -0.19 -0.30
CLINTON_WT_PWR 323605	24.55 -0.30 0.00	22.63 -0.14 0.00	22.52 -0.11 0.00	22.01 -0.13 0.00	21.96 -0.15 0.00	22.65 -0.32 0.00	23.00 -0.47 0.00	23.00 -0.42 0.00	22.79 -0.70 0.00	22.81 -0.66 0.00	22.19 -0.73 0.00	20.17 -0.75 0.00	19.59 -0.82 0.00	19.19 -0.90 0.42	19.50 -0.85 0.01	19.55 -0.82 0.00	20.79 -0.87 0.00	19.81 -1.10 3.48	18.28 -1.17 5.46	19.20 -1.15 4.18	18.15 -1.24 5.49	18.28 -1.18 4.18	18.36 -1.11 1.77	18.51 -1.06 1.23
CLINTON___LFGE 323618	24.97 0.12 0.00	23.01 0.25 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.32 0.20 0.00	22.99 0.02 0.00	23.33 -0.14 0.00	23.35 -0.07 0.00	23.12 -0.38 0.00	23.19 -0.28 0.00	22.54 -0.39 0.00	20.48 -0.44 0.00	19.92 -0.49 0.00	19.50 -0.60 0.42	19.80 -0.55 0.01	19.86 -0.51 0.00	21.14 -0.52 0.00	20.21 -0.71 3.46	18.75 -0.72 5.43	19.64 -0.74 4.16	18.60 -0.82 5.46	18.65 -0.83 4.15	18.67 -0.81 1.76	18.83 -0.75 1.22
COBBLENY_34_KV_TB1 80064	23.48 -1.37 0.00	21.31 -1.46 0.00	21.52 -1.11 0.00	20.83 -1.31 0.00	20.83 -1.28 0.00	22.00 -0.96 0.00	22.01 -1.53 -0.06	21.96 -1.92 -0.46	21.90 -1.81 -0.22	21.68 -1.88 -0.09	21.17 -1.83 -0.08	19.27 -1.72 -0.06	18.82 -1.63 -0.05	19.16 -1.35 0.00	18.89 -1.47 0.00	18.88 -1.87 -0.39	20.49 -1.84 -0.68	23.54 -2.02 -1.17	25.44 -1.97 -2.50	24.02 -2.04 -1.52	23.61 -1.89 -0.61	22.28 -1.77 -0.41	20.24 -1.44 -0.44	20.27 -0.96 -0.42
COFFEEN___115KV_TB3 355620	25.07 0.22 0.00	22.90 0.14 0.00	22.77 0.14 0.00	22.23 0.09 0.00	22.21 0.09 0.00	23.06 0.09 0.00	23.66 0.16 -0.02	23.78 0.19 -0.17	23.69 0.12 -0.08	23.64 0.14 -0.03	23.03 0.07 -0.03	20.97 0.02 -0.02	20.41 -0.02 -0.02	20.37 -0.06 0.08	20.27 -0.08 0.00	20.49 -0.02 -0.14	22.02 0.11 -0.25	24.64 0.46 0.21	25.31 0.50 0.09	24.72 0.39 0.22	24.49 0.40 0.79	23.18 0.17 0.62	21.11 0.04 0.16	20.71 -0.02 0.07
COLDSPRG_115KV_BK1 355956	24.18 -0.67 0.00	21.83 -0.93 0.00	21.98 -0.66 0.00	21.43 -0.71 0.00	21.32 -0.80 0.00	22.51 -0.46 0.00	22.25 -1.29 -0.07	22.25 -1.66 -0.49	22.15 -1.57 -0.23	21.89 -1.67 -0.09	21.38 -1.63 -0.08	19.44 -1.55 -0.06	19.05 -1.41 -0.05	19.67 -0.84 0.00	19.36 -1.00 0.00	18.97 -1.81 -0.41	20.64 -1.73 -0.72	23.86 -1.78 -1.25	25.82 -1.74 -2.66	24.36 -1.79 -1.61	24.00 -1.54 -0.65	22.66 -1.42 -0.44	20.54 -1.17 -0.47	20.56 -0.69 -0.45
COLONIE_LFGE___ 323577	26.19 1.34 0.00	23.97 1.21 0.00	23.83 1.20 0.00	23.33 1.19 0.00	23.31 1.19 0.00	24.21 1.24 0.00	25.22 1.29 -0.46	28.20 1.50 -3.28	26.59 1.55 -1.54	25.62 1.55 -0.60	25.01 1.54 -0.55	22.73 1.40 -0.40	22.09 1.35 -0.34	21.89 1.37 0.00	21.70 1.34 0.00	24.44 1.32 -2.75	27.90 1.45 -4.79	34.29 1.61 -8.30	44.28 1.69 -17.68	36.90 1.64 -10.72	30.93 1.69 -4.34	28.17 1.61 -2.92	25.80 1.42 -3.14	25.16 1.37 -2.98
COOPERNY_115KV_TB1 80082	26.04 1.19 0.00	23.74 0.98 0.00	23.61 0.97 0.00	23.09 0.95 0.00	23.11 1.00 0.00	24.03 1.06 0.00	24.90 1.15 -0.28	26.57 1.12 -2.03	25.62 1.17 -0.95	25.02 1.17 -0.37	24.39 1.12 -0.34	22.18 1.00 -0.25	21.60 0.98 -0.21	21.50 0.98 0.00	21.31 0.96 0.00	23.00 0.94 -1.70	25.65 1.04 -2.96	30.73 1.22 -5.12	37.04 1.22 -10.91	32.34 1.18 -6.62	28.79 1.22 -2.68	26.60 1.16 -1.81	24.24 1.06 -1.94	23.64 1.00 -1.85
COPENHAGEN_WT_PWR 323753	24.80 -0.05 0.00	22.65 -0.11 0.00	22.52 -0.11 0.00	22.01 -0.13 0.00	21.96 -0.15 0.00	22.81 -0.16 0.00	23.42 -0.07 -0.02	23.53 -0.07 -0.18	23.46 -0.12 -0.08	23.41 -0.09 -0.03	22.80 -0.16 -0.03	20.78 -0.17 -0.02	20.22 -0.20 -0.02	20.19 -0.25 0.07	20.09 -0.27 0.00	20.31 -0.20 -0.15	21.79 -0.13 -0.26	24.37 0.15 0.16	25.08 0.18 0.00	24.46 0.07 0.15	24.24 0.07 0.73	22.99 -0.07 0.57	20.95 -0.15 0.14	20.54 -0.21 0.05
CORNELL_____ 23752	25.39 0.55 0.00	23.17 0.41 0.00	23.11 0.48 0.00	22.58 0.44 0.00	22.60 0.49 0.00	23.59 0.62 0.00	24.19 0.63 -0.09	24.66 0.59 -0.66	24.37 0.56 -0.31	24.06 0.47 -0.12	23.43 0.39 -0.11	21.38 0.38 -0.08	20.84 0.37 -0.07	20.90 0.39 0.00	20.70 0.35 0.00	21.22 0.31 -0.55	23.11 0.50 -0.96	26.75 0.71 -1.66	29.23 0.80 -3.53	27.34 0.66 -2.14	26.45 0.70 -0.87	24.81 0.59 -0.58	22.33 0.47 -0.63	21.88 0.48 -0.60

CORONA_69_KV_TB1 355595	32.86 2.53 -5.48	31.28 2.16 -6.35	27.27 2.10 -2.53	27.35 2.08 -3.13	27.43 2.12 -3.19	30.14 2.23 -4.95	32.95 2.39 -7.09	31.52 2.37 -5.74	27.22 2.44 -1.28	26.36 2.39 -0.50	25.70 2.32 -0.45	23.31 2.05 -0.33	22.69 2.00 -0.28	22.59 2.07 0.00	22.93 2.08 -0.49	29.90 2.08 -7.45	33.96 2.23 -10.07	40.20 2.56 -13.25	42.12 2.57 -14.66	39.56 2.55 -12.47	38.32 2.59 -10.85	36.39 2.46 -10.29	33.17 2.23 -9.71	26.56 2.12 -3.63
CORTLAND_115KV_TB3 80093	25.17 0.32 0.00	22.97 0.20 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.41 0.29 0.00	23.34 0.37 0.00	23.92 0.38 -0.07	24.28 0.33 -0.53	24.10 0.35 -0.25	23.87 0.31 -0.10	23.27 0.25 -0.09	21.22 0.23 -0.07	20.71 0.24 -0.05	20.76 0.25 0.00	20.58 0.22 0.00	21.00 0.18 -0.45	22.74 0.30 -0.78	26.18 0.44 -1.35	28.28 0.50 -2.88	26.68 0.39 -1.74	26.02 0.42 -0.71	24.47 0.35 -0.48	22.02 0.28 -0.51	21.58 0.29 -0.49
COXSACKIE__GT 23611	27.16 2.31 0.00	24.90 2.14 0.00	24.81 2.17 0.00	24.35 2.21 0.00	24.11 1.99 0.00	25.04 2.07 0.00	25.83 1.92 -0.43	28.36 1.83 -3.11	26.77 1.81 -1.46	25.68 1.64 -0.57	24.98 1.54 -0.52	22.71 1.40 -0.38	22.05 1.33 -0.32	21.87 1.35 0.00	21.74 1.39 0.00	24.28 1.30 -2.61	27.74 1.54 -4.55	34.14 1.88 -7.87	43.80 2.12 -16.78	36.65 1.94 -10.17	30.90 1.89 -4.12	28.07 1.65 -2.77	25.64 1.42 -2.98	24.94 1.31 -2.83
CPV_VALLEY__CC1 323721	26.19 1.34 0.00	23.86 1.09 0.00	23.72 1.09 0.00	23.22 1.08 0.00	23.20 1.08 0.00	24.07 1.10 0.00	24.99 1.20 -0.32	26.98 1.24 -2.32	25.90 1.31 -1.09	25.21 1.31 -0.43	24.58 1.26 -0.39	22.34 1.13 -0.29	21.75 1.10 -0.24	21.64 1.13 0.00	21.44 1.08 0.00	23.39 1.08 -1.94	26.21 1.17 -3.39	31.59 1.34 -5.87	38.74 1.34 -12.50	33.44 1.32 -7.58	29.30 1.34 -3.07	27.00 1.30 -2.07	24.64 1.19 -2.22	24.07 1.16 -2.11
CPV_VALLEY__CC2 323722	26.19 1.34 0.00	23.86 1.09 0.00	23.72 1.09 0.00	23.22 1.08 0.00	23.20 1.08 0.00	24.07 1.10 0.00	24.99 1.20 -0.32	26.98 1.24 -2.32	25.90 1.31 -1.09	25.21 1.31 -0.43	24.58 1.26 -0.39	22.34 1.13 -0.29	21.75 1.10 -0.24	21.64 1.13 0.00	21.44 1.08 0.00	23.39 1.08 -1.94	26.21 1.17 -3.39	31.59 1.34 -5.87	38.74 1.34 -12.50	33.44 1.32 -7.58	29.30 1.34 -3.07	27.00 1.30 -2.07	24.64 1.19 -2.22	24.07 1.16 -2.11
CRESCENT__HYD 24018	26.19 1.34 0.00	23.97 1.21 0.00	23.83 1.20 0.00	23.33 1.19 0.00	23.31 1.19 0.00	24.21 1.24 0.00	25.22 1.29 -0.46	28.20 1.50 -3.28	26.59 1.55 -1.54	25.62 1.55 -0.60	25.01 1.54 -0.55	22.73 1.40 -0.40	22.09 1.35 -0.34	21.89 1.37 0.00	21.70 1.34 0.00	24.44 1.32 -2.75	27.90 1.45 -4.79	34.29 1.61 -8.30	44.28 1.69 -17.68	36.90 1.64 -10.72	30.93 1.69 -4.34	28.17 1.61 -2.92	25.80 1.42 -3.14	25.16 1.37 -2.98
CRICKET__VALLEY_CC1 323756	26.54 1.69 0.00	24.22 1.46 0.00	24.06 1.43 0.00	23.56 1.42 0.00	23.55 1.44 0.00	24.44 1.47 0.00	25.41 1.55 -0.40	27.86 1.59 -2.84	26.50 1.67 -1.34	25.66 1.67 -0.52	25.03 1.63 -0.47	22.76 1.49 -0.35	22.17 1.47 -0.29	22.01 1.50 0.00	21.80 1.45 0.00	24.17 1.43 -2.38	27.32 1.52 -4.15	33.33 1.76 -7.19	41.97 1.74 -15.32	35.55 1.72 -9.29	30.39 1.74 -3.76	27.85 1.68 -2.53	25.49 1.53 -2.72	24.88 1.50 -2.59
CRICKET__VALLEY_CC2 323757	26.54 1.69 0.00	24.22 1.46 0.00	24.06 1.43 0.00	23.56 1.42 0.00	23.55 1.44 0.00	24.44 1.47 0.00	25.41 1.55 -0.40	27.86 1.59 -2.84	26.50 1.67 -1.34	25.66 1.67 -0.52	25.03 1.63 -0.47	22.76 1.49 -0.35	22.17 1.47 -0.29	22.01 1.50 0.00	21.80 1.45 0.00	24.17 1.43 -2.38	27.32 1.52 -4.15	33.33 1.76 -7.19	41.97 1.74 -15.32	35.55 1.72 -9.29	30.39 1.74 -3.76	27.85 1.68 -2.53	25.49 1.53 -2.72	24.88 1.50 -2.59
CRICKET__VALLEY_CC3 323758	26.54 1.69 0.00	24.22 1.46 0.00	24.06 1.43 0.00	23.56 1.42 0.00	23.55 1.44 0.00	24.44 1.47 0.00	25.41 1.55 -0.40	27.86 1.59 -2.84	26.50 1.67 -1.34	25.66 1.67 -0.52	25.03 1.63 -0.47	22.76 1.49 -0.35	22.17 1.47 -0.29	22.01 1.50 0.00	21.80 1.45 0.00	24.17 1.43 -2.38	27.32 1.52 -4.15	33.33 1.76 -7.19	41.97 1.74 -15.32	35.55 1.72 -9.29	30.39 1.74 -3.76	27.85 1.68 -2.53	25.49 1.53 -2.72	24.88 1.50 -2.59
CRUCIBLE_METL_DRP 24180	24.52 -0.32 0.00	22.40 -0.36 0.00	22.29 -0.34 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.51 -0.23 -0.33	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.19 -0.47	25.06 -0.15 -0.82	26.58 -0.07 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.93 -0.17 -0.30
DAHOWA__HYDRO 323763	26.26 1.42 0.00	24.02 1.25 0.00	23.88 1.24 0.00	23.38 1.24 0.00	23.31 1.19 0.00	24.25 1.29 0.00	25.25 1.31 -0.47	28.25 1.48 -3.35	26.53 1.46 -1.57	25.54 1.46 -0.62	24.93 1.45 -0.56	22.63 1.30 -0.41	22.00 1.25 -0.34	21.74 1.23 0.00	21.58 1.22 0.00	24.42 1.24 -2.81	27.96 1.41 -4.89	34.44 1.58 -8.47	44.65 1.69 -18.05	37.13 1.64 -10.95	31.07 1.74 -4.44	28.21 1.58 -2.99	25.78 1.34 -3.21	25.14 1.29 -3.05
DANC__LFGE 323619	24.52 -0.32 0.00	22.40 -0.37 0.00	22.27 -0.36 0.00	21.78 -0.36 0.00	21.76 -0.35 0.00	22.65 -0.32 0.00	23.24 -0.26 -0.03	23.33 -0.31 -0.21	23.29 -0.31 -0.10	23.20 -0.31 -0.04	22.62 -0.34 -0.04	20.64 -0.31 -0.03	20.08 -0.35 -0.02	20.09 -0.37 0.05	19.97 -0.39 0.00	20.18 -0.37 -0.18	21.66 -0.30 -0.31	24.36 -0.15 -0.12	25.29 -0.10 -0.49	24.53 -0.20 -0.19	24.32 -0.20 0.37	23.05 -0.28 0.31	20.93 -0.30 0.01	20.53 -0.31 -0.05
DANSKAMMER__1 23586	26.86 2.01 0.00	24.45 1.68 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.94 1.83 -2.70	26.66 1.90 -1.27	25.84 1.88 -0.50	25.17 1.79 -0.45	22.87 1.61 -0.33	22.24 1.55 -0.28	22.09 1.58 0.00	21.90 1.55 0.00	24.17 1.55 -2.26	27.30 1.71 -3.94	33.21 2.00 -6.82	41.47 2.04 -14.53	35.34 1.99 -8.81	30.45 1.99 -3.57	27.91 1.87 -2.40	25.51 1.70 -2.58	24.88 1.62 -2.45
DANSKAMMER__2 23589	26.86 2.01 0.00	24.45 1.68 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.94 1.83 -2.70	26.66 1.90 -1.27	25.84 1.88 -0.50	25.17 1.79 -0.45	22.87 1.61 -0.33	22.24 1.55 -0.28	22.09 1.58 0.00	21.90 1.55 0.00	24.17 1.55 -2.26	27.30 1.71 -3.94	33.21 2.00 -6.82	41.47 2.04 -14.53	35.34 1.99 -8.81	30.45 1.99 -3.57	27.91 1.87 -2.40	25.51 1.70 -2.58	24.88 1.62 -2.45
DANSKAMMER__3 23590	26.86 2.01 0.00	24.45 1.68 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.94 1.83 -2.70	26.66 1.90 -1.27	25.84 1.88 -0.50	25.17 1.79 -0.45	22.87 1.61 -0.33	22.24 1.55 -0.28	22.09 1.58 0.00	21.90 1.55 0.00	24.17 1.55 -2.26	27.30 1.71 -3.94	33.21 2.00 -6.82	41.47 2.04 -14.53	35.34 1.99 -8.81	30.45 1.99 -3.57	27.91 1.87 -2.40	25.51 1.70 -2.58	24.88 1.62 -2.45

DANSKAMMER___4 23591	26.86 2.01 0.00	24.45 1.68 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.63 1.78 -0.38	27.94 1.83 -2.70	26.66 1.90 -1.27	25.84 1.88 -0.50	25.17 1.79 -0.45	22.87 1.61 -0.33	22.24 1.55 -0.28	22.09 1.58 0.00	21.90 1.55 0.00	24.17 1.55 -2.26	27.30 1.71 -3.94	33.21 2.00 -6.82	41.47 2.04 -14.53	35.34 1.99 -8.81	30.45 1.99 -3.57	27.91 1.87 -2.40	25.51 1.70 -2.58	24.88 1.62 -2.45
DANSKAMMER___DIESEL 23592	26.88 2.04 0.00	24.47 1.71 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.75 1.64 0.00	24.69 1.72 0.00	25.70 1.85 -0.38	27.95 1.83 -2.70	26.67 1.90 -1.27	25.84 1.88 -0.50	25.17 1.79 -0.45	22.87 1.61 -0.33	22.26 1.57 -0.28	22.09 1.58 0.00	21.90 1.55 0.00	24.17 1.55 -2.26	27.30 1.71 -3.94	33.20 2.00 -6.82	41.47 2.04 -14.53	35.34 1.99 -8.81	30.45 1.99 -3.57	27.91 1.87 -2.40	25.50 1.68 -2.59	24.84 1.58 -2.46
DARBY___SOLAR 323810	26.26 1.42 0.00	23.99 1.23 0.00	23.86 1.22 0.00	23.38 1.24 0.00	23.31 1.19 0.00	24.23 1.26 0.00	25.25 1.31 -0.47	28.24 1.48 -3.34	26.54 1.48 -1.57	25.54 1.46 -0.61	24.95 1.47 -0.56	22.65 1.32 -0.41	22.02 1.27 -0.34	21.76 1.25 0.00	21.58 1.22 0.00	24.43 1.26 -2.80	27.94 1.41 -4.88	34.39 1.56 -8.44	44.59 1.69 -17.99	37.07 1.62 -10.91	31.02 1.72 -4.42	28.17 1.56 -2.98	25.77 1.34 -3.20	25.13 1.29 -3.04
DASHVILLE___HYD 23610	26.68 1.84 0.00	24.27 1.50 0.00	24.10 1.47 0.00	23.60 1.46 0.00	23.58 1.46 0.00	24.48 1.52 0.00	25.24 1.38 -0.39	27.51 1.31 -2.77	26.18 1.39 -1.30	25.32 1.34 -0.51	24.65 1.26 -0.46	22.50 1.23 -0.34	21.94 1.24 -0.28	21.83 1.31 0.00	21.64 1.28 0.00	23.76 1.08 -2.32	26.91 1.21 -4.04	32.87 1.49 -7.00	41.31 1.49 -14.91	35.03 1.45 -9.04	30.00 1.44 -3.66	27.45 1.35 -2.47	25.10 1.21 -2.66	24.41 1.08 -2.52
DEERFIELD_69_KV_DEERFIELD LD 355887	33.59 3.25 -5.48	32.03 2.91 -6.35	28.04 2.87 -2.53	28.19 2.92 -3.13	28.29 2.99 -3.19	31.06 3.15 -4.95	33.87 3.31 -7.09	32.39 3.23 -5.74	27.95 3.17 -1.28	26.97 3.00 -0.50	26.22 2.84 -0.45	23.73 2.47 -0.33	23.10 2.41 -0.28	23.04 2.52 0.00	23.46 2.61 -0.49	30.47 2.65 -7.45	34.69 2.97 -10.07	41.12 3.49 -13.25	43.07 3.51 -14.66	40.47 3.46 -12.47	39.22 3.48 -10.85	37.24 3.31 -10.30	33.87 2.93 -9.71	27.20 2.77 -3.63
DELAWARE___LFGE 323621	26.06 1.22 0.00	23.79 1.02 0.00	23.65 1.02 0.00	23.14 1.00 0.00	23.16 1.04 0.00	24.12 1.15 0.00	24.83 1.20 -0.17	25.79 1.17 -1.19	25.25 1.20 -0.56	24.89 1.20 -0.22	24.25 1.12 -0.20	22.08 1.00 -0.15	21.51 0.98 -0.12	21.50 0.98 0.00	21.29 0.94 0.00	22.26 0.90 -1.00	24.42 1.02 -1.74	28.67 1.27 -3.02	32.62 1.30 -6.42	29.66 1.23 -3.90	27.74 1.27 -1.58	25.88 1.18 -1.06	23.40 1.02 -1.14	22.88 1.00 -1.09
DERFIELD_115KV_TB7 355931	25.14 0.30 0.00	23.01 0.25 0.00	22.86 0.23 0.00	22.36 0.22 0.00	22.34 0.22 0.00	23.20 0.23 0.00	23.73 0.26 0.00	23.68 0.26 0.00	23.78 0.28 0.00	23.75 0.28 0.00	23.18 0.25 0.00	21.15 0.23 0.00	20.63 0.22 0.00	20.76 0.23 -0.02	20.58 0.22 0.00	20.59 0.22 0.00	21.89 0.24 0.00	24.86 0.29 -0.18	25.48 0.30 -0.28	25.05 0.29 -0.21	25.47 0.30 -0.28	24.11 0.26 -0.21	21.56 0.23 -0.09	21.09 0.23 -0.06
DOGLEVILLE___HYD 23807	25.37 0.52 0.00	23.26 0.50 0.00	23.18 0.54 0.00	22.67 0.53 0.00	22.65 0.53 0.00	23.50 0.53 0.00	23.96 0.49 0.00	23.86 0.44 0.00	23.94 0.45 0.00	23.89 0.42 0.00	23.27 0.34 0.00	21.20 0.27 0.00	20.65 0.25 0.00	20.76 0.23 -0.02	20.50 0.14 0.00	20.51 0.14 0.00	21.83 0.17 0.00	24.83 0.27 -0.18	25.43 0.25 -0.28	24.95 0.20 -0.21	25.32 0.15 -0.28	24.02 0.17 -0.21	21.47 0.15 -0.09	20.99 0.13 -0.06
DUNKIRK___115KV_TB_200 55889	23.50 -1.34 0.00	21.26 -1.50 0.00	21.46 -1.18 0.00	20.85 -1.28 0.00	20.79 -1.33 0.00	21.96 -1.01 0.00	22.08 -1.46 -0.06	22.03 -1.85 -0.46	21.97 -1.74 -0.22	21.72 -1.83 -0.08	21.22 -1.79 -0.08	19.31 -1.67 -0.06	18.84 -1.61 -0.05	19.14 -1.37 0.00	18.85 -1.51 0.00	18.86 -1.89 -0.39	20.51 -1.82 -0.67	23.58 -1.98 -1.17	25.47 -1.92 -2.49	24.08 -1.96 -1.51	23.76 -1.74 -0.61	22.44 -1.61 -0.41	20.38 -1.30 -0.44	20.43 -0.79 -0.42
DUNKIRK___1 23563	23.50 -1.34 0.00	21.26 -1.50 0.00	21.46 -1.18 0.00	20.85 -1.28 0.00	20.79 -1.33 0.00	21.96 -1.01 0.00	22.08 -1.46 -0.06	22.03 -1.85 -0.46	21.97 -1.74 -0.22	21.72 -1.83 -0.08	21.22 -1.79 -0.08	19.31 -1.67 -0.06	18.84 -1.61 -0.05	19.14 -1.37 0.00	18.85 -1.51 0.00	18.86 -1.89 -0.39	20.51 -1.82 -0.67	23.58 -1.98 -1.17	25.47 -1.92 -2.49	24.08 -1.96 -1.51	23.76 -1.74 -0.61	22.44 -1.61 -0.41	20.38 -1.30 -0.44	20.43 -0.79 -0.42
DUNKIRK___2 23564	23.50 -1.34 0.00	21.26 -1.50 0.00	21.46 -1.18 0.00	20.85 -1.28 0.00	20.79 -1.33 0.00	21.96 -1.01 0.00	22.08 -1.46 -0.06	22.03 -1.85 -0.46	21.97 -1.74 -0.22	21.72 -1.83 -0.08	21.22 -1.79 -0.08	19.31 -1.67 -0.06	18.84 -1.61 -0.05	19.14 -1.37 0.00	18.85 -1.51 0.00	18.86 -1.89 -0.39	20.51 -1.82 -0.67	23.58 -1.98 -1.17	25.47 -1.92 -2.49	24.08 -1.96 -1.51	23.76 -1.74 -0.61	22.44 -1.61 -0.41	20.38 -1.30 -0.44	20.43 -0.79 -0.42
DUNKIRK___3 23565	23.48 -1.37 0.00	21.28 -1.48 0.00	21.48 -1.15 0.00	20.85 -1.28 0.00	20.81 -1.30 0.00	21.98 -0.99 0.00	22.08 -1.46 -0.06	22.03 -1.85 -0.46	21.97 -1.74 -0.22	21.75 -1.81 -0.08	21.24 -1.77 -0.08	19.33 -1.65 -0.06	18.86 -1.59 -0.05	19.16 -1.35 0.00	18.89 -1.47 0.00	18.90 -1.85 -0.38	20.51 -1.82 -0.67	23.57 -1.98 -1.16	25.43 -1.94 -2.47	24.05 -1.99 -1.50	23.70 -1.79 -0.61	22.41 -1.63 -0.41	20.36 -1.32 -0.44	20.36 -0.85 -0.42
DUNKIRK___4 23566	23.48 -1.37 0.00	21.28 -1.48 0.00	21.48 -1.15 0.00	20.85 -1.28 0.00	20.81 -1.30 0.00	21.98 -0.99 0.00	22.08 -1.46 -0.06	22.03 -1.85 -0.46	21.97 -1.74 -0.22	21.75 -1.81 -0.08	21.24 -1.77 -0.08	19.33 -1.65 -0.06	18.86 -1.59 -0.05	19.16 -1.35 0.00	18.89 -1.47 0.00	18.90 -1.85 -0.38	20.51 -1.82 -0.67	23.57 -1.98 -1.16	25.43 -1.94 -2.47	24.05 -1.99 -1.50	23.70 -1.79 -0.61	22.41 -1.63 -0.41	20.36 -1.32 -0.44	20.36 -0.85 -0.42
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.91 2.06 0.00	24.49 1.73 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.82 1.70 0.00	24.76 1.79 0.00	25.82 1.97 -0.38	28.09 1.94 -2.73	26.82 2.04 -1.28	26.01 2.04 -0.50	25.35 1.97 -0.45	23.04 1.78 -0.33	22.44 1.76 -0.28	22.28 1.76 0.00	22.09 1.73 0.00	24.38 1.73 -2.28	27.49 1.86 -3.97	33.41 2.15 -6.88	41.70 2.14 -14.66	35.54 2.11 -8.89	30.63 2.14 -3.60	28.12 2.06 -2.42	25.71 1.87 -2.61	25.01 1.73 -2.48
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.61 1.76 0.00	24.22 1.46 0.00	24.06 1.43 0.00	23.58 1.44 0.00	23.53 1.42 0.00	24.46 1.49 0.00	25.45 1.62 -0.36	27.62 1.59 -2.61	26.39 1.67 -1.23	25.59 1.64 -0.48	24.92 1.56 -0.43	22.65 1.40 -0.32	22.04 1.37 -0.27	21.91 1.39 0.00	21.72 1.36 0.00	23.89 1.34 -2.18	26.96 1.49 -3.81	32.73 1.76 -6.59	40.71 1.77 -14.04	34.77 1.72 -8.52	30.08 1.74 -3.45	27.61 1.65 -2.32	25.22 1.49 -2.50	24.57 1.39 -2.38

E179THST_138_KV_TB4_REV_LBMP_J 345001	27.06 2.21 0.00	24.63 1.87 0.00	24.47 1.83 0.00	23.95 1.82 0.00	24.00 1.88 0.00	24.94 1.98 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.47 2.09 -0.45	23.13 1.88 -0.32	22.55 1.86 -0.28	22.38 1.89 0.02	22.17 1.83 0.02	24.49 1.83 -2.29	27.59 1.97 -3.96	33.55 2.29 -6.87	41.85 2.29 -14.65	35.65 2.23 -8.88	30.74 2.26 -3.59	28.24 2.17 -2.43	25.83 1.97 -2.62	25.13 1.85 -2.48
E179THST_13_KV_LOAD 356214	27.16 2.31 0.00	24.72 1.96 0.00	24.56 1.92 0.00	24.04 1.90 0.00	24.06 1.95 0.00	25.04 2.07 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.21 1.97 -0.32	22.63 1.94 -0.28	22.47 1.97 0.02	22.26 1.91 0.02	24.59 1.93 -2.29	27.70 2.08 -3.96	33.65 2.39 -6.87	41.97 2.42 -14.65	35.80 2.38 -8.88	30.86 2.39 -3.59	28.36 2.29 -2.43	25.93 2.08 -2.62	25.23 1.96 -2.48
EAST HAMPTON___GT 23717	33.73 3.40 -5.48	32.17 3.05 -6.35	28.22 3.05 -2.53	28.37 3.10 -3.13	28.47 3.16 -3.19	31.22 3.31 -4.95	33.98 3.43 -7.09	32.57 3.42 -5.73	28.11 3.33 -1.28	27.09 3.12 -0.50	26.32 2.94 -0.45	23.81 2.55 -0.33	23.18 2.49 -0.28	23.18 2.67 0.00	23.54 2.69 -0.49	30.57 2.75 -7.45	34.80 3.07 -10.07	41.29 3.66 -13.25	43.22 3.66 -14.66	40.64 3.63 -12.47	39.37 3.63 -10.85	37.39 3.45 -10.30	33.97 3.04 -9.70	27.38 2.95 -3.63
EAST RIVER___6 23660	27.06 2.21 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.76 1.79 0.00	25.80 1.95 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.83 2.27 -14.66	35.68 2.26 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.85 2.00 -2.62	25.21 1.93 -2.47
EAST RIVER___7 23524	27.06 2.21 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.76 1.79 0.00	25.80 1.95 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.83 2.27 -14.66	35.68 2.26 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.85 2.00 -2.62	25.21 1.93 -2.47
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.86 2.01 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.04 1.90 -2.72	26.75 1.97 -1.28	25.94 1.97 -0.50	25.28 1.90 -0.45	22.97 1.72 -0.33	22.38 1.69 -0.28	22.24 1.72 0.00	22.03 1.67 0.00	24.31 1.67 -2.28	27.42 1.80 -3.97	33.33 2.07 -6.87	41.63 2.09 -14.64	35.48 2.06 -8.88	30.58 2.09 -3.60	28.04 1.99 -2.42	25.65 1.80 -2.61	24.96 1.68 -2.48
EAST_HAMPTON___DIESEL 23722	33.71 3.38 -5.48	32.14 3.03 -6.35	28.20 3.03 -2.53	28.37 3.10 -3.13	28.47 3.16 -3.19	31.22 3.31 -4.95	33.98 3.43 -7.09	32.57 3.42 -5.73	28.11 3.33 -1.28	27.09 3.12 -0.50	26.29 2.91 -0.45	23.79 2.53 -0.33	23.16 2.47 -0.28	23.16 2.65 0.00	23.54 2.69 -0.49	30.55 2.73 -7.45	34.78 3.05 -10.07	41.27 3.63 -13.25	43.22 3.66 -14.66	40.64 3.63 -12.47	39.37 3.63 -10.85	37.36 3.43 -10.30	33.95 3.01 -9.70	27.36 2.93 -3.63
EAST_PULASKI___ESR 323781	24.32 -0.52 0.00	22.22 -0.55 0.00	22.14 -0.50 0.00	21.65 -0.49 0.00	21.65 -0.46 0.00	22.51 -0.46 0.00	23.10 -0.40 -0.03	23.22 -0.44 -0.24	23.16 -0.45 -0.11	23.04 -0.47 -0.04	22.49 -0.48 -0.04	20.54 -0.42 -0.03	20.02 -0.41 -0.02	20.04 -0.45 0.03	19.89 -0.47 0.00	20.10 -0.47 -0.20	21.60 -0.41 -0.35	24.42 -0.37 -0.40	25.57 -0.30 -0.97	24.68 -0.39 -0.53	24.47 -0.40 0.02	23.19 -0.40 0.04	20.95 -0.40 -0.12	20.57 -0.37 -0.14
EAST_RIVER___1 323558	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.91 1.79 0.00	24.81 1.84 0.00	25.85 1.99 -0.39	28.20 2.06 -2.72	26.96 2.19 -1.28	26.15 2.18 -0.50	25.49 2.11 -0.45	23.16 1.90 -0.33	22.89 1.88 -0.61	22.42 1.91 0.00	22.21 1.85 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.68 2.26 -8.89	30.76 2.26 -3.60	28.28 2.20 -2.44	25.85 2.00 -2.62	25.21 1.93 -2.47
EAST_RIVER___2 323559	27.06 2.21 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.76 1.79 0.00	25.80 1.95 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.83 2.27 -14.66	35.68 2.26 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.85 2.00 -2.62	25.21 1.93 -2.47
EAST___DELAWARE_HYD 23607	26.31 1.47 0.00	23.92 1.16 0.00	23.76 1.13 0.00	23.29 1.15 0.00	23.20 1.08 0.00	24.07 1.10 0.00	25.05 1.24 -0.34	27.13 1.29 -2.42	25.95 1.31 -1.14	25.16 1.24 -0.44	24.48 1.15 -0.40	22.23 1.00 -0.30	21.60 0.94 -0.25	21.46 0.94 0.00	21.29 0.94 0.00	23.35 0.96 -2.03	26.34 1.15 -3.53	31.94 1.44 -6.12	39.40 1.47 -13.03	33.86 1.42 -7.90	29.48 1.39 -3.20	27.07 1.28 -2.16	24.70 1.15 -2.32	24.08 1.08 -2.20
EIGHT_POINT___WT_PWR 323820	25.59 0.74 0.00	23.29 0.52 0.00	23.27 0.63 0.00	22.76 0.62 0.00	22.78 0.66 0.00	23.84 0.87 0.00	24.19 0.63 -0.09	24.60 0.54 -0.64	24.38 0.59 -0.30	24.01 0.42 -0.12	23.33 0.30 -0.11	21.23 0.23 -0.08	20.74 0.26 -0.07	20.94 0.43 0.00	20.72 0.37 0.00	21.00 0.10 -0.53	22.95 0.37 -0.93	26.58 0.58 -1.61	29.05 0.72 -3.42	27.18 0.56 -2.08	26.38 0.65 -0.84	24.79 0.59 -0.57	22.29 0.45 -0.61	21.88 0.50 -0.58
ELBRIDGE_115KV_TB2 80188	24.40 -0.45 0.00	22.29 -0.48 0.00	22.20 -0.43 0.00	21.74 -0.40 0.00	21.74 -0.38 0.00	22.65 -0.32 0.00	23.24 -0.28 -0.05	23.41 -0.35 -0.34	23.33 -0.33 -0.16	23.18 -0.35 -0.06	22.62 -0.37 -0.06	20.65 -0.31 -0.04	20.14 -0.31 -0.04	20.19 -0.33 0.00	20.01 -0.35 0.00	20.31 -0.35 -0.29	21.87 -0.28 -0.50	24.98 -0.27 -0.86	26.54 -0.20 -1.84	25.36 -0.29 -1.11	25.07 -0.27 -0.45	23.66 -0.28 -0.30	21.26 -0.30 -0.33	20.86 -0.25 -0.31
ELEC_TRO_TEK 24086	32.77 2.43 -5.48	31.19 2.07 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.34 2.03 -3.19	30.08 2.16 -4.95	32.86 2.30 -7.09	31.45 2.30 -5.74	27.12 2.35 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.25 1.99 -0.33	22.65 1.96 -0.28	22.52 2.01 0.00	22.87 2.02 -0.49	29.84 2.02 -7.45	33.89 2.17 -10.07	40.12 2.49 -13.25	42.05 2.49 -14.66	39.46 2.45 -12.47	38.22 2.49 -10.85	36.32 2.39 -10.29	33.11 2.17 -9.71	26.47 2.04 -3.63
ELLENBURG_WT_PWR 323604	24.55 -0.30 0.00	22.63 -0.14 0.00	22.52 -0.11 0.00	22.01 -0.13 0.00	21.96 -0.15 0.00	22.65 -0.32 0.00	23.00 -0.47 0.00	23.00 -0.42 0.00	22.79 -0.70 0.00	22.81 -0.66 0.00	22.19 -0.73 0.00	20.17 -0.75 0.00	19.59 -0.82 0.00	19.19 -0.90 0.42	19.50 -0.85 0.01	19.55 -0.82 0.00	20.79 -0.87 0.00	19.81 -1.10 3.48	18.28 -1.17 5.46	19.20 -1.15 4.18	18.15 -1.24 5.49	18.28 -1.18 4.18	18.36 -1.11 1.77	18.51 -1.06 1.23

ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.21 -1.64 0.00	21.06 -1.71 0.00	21.28 -1.36 0.00	20.61 -1.53 0.00	20.59 -1.53 0.00	21.77 -1.19 0.00	21.96 -1.57 -0.06	21.89 -1.97 -0.44	21.84 -1.86 -0.21	21.63 -1.92 -0.08	21.12 -1.88 -0.07	19.22 -1.76 -0.05	18.74 -1.71 -0.04	18.91 -1.60 0.00	18.65 -1.71 0.00	18.82 -1.91 -0.37	20.41 -1.88 -0.64	23.42 -2.07 -1.10	25.22 -2.04 -2.35	23.86 -2.11 -1.43	23.50 -1.97 -0.58	22.21 -1.82 -0.39	20.19 -1.47 -0.42	20.24 -0.96 -0.40
EMPIRE_CC_1 323656	26.09 1.24 0.00	23.90 1.14 0.00	23.76 1.13 0.00	23.27 1.13 0.00	23.25 1.13 0.00	24.14 1.17 0.00	25.11 1.20 -0.44	27.78 1.19 -3.17	26.25 1.27 -1.49	25.32 1.27 -0.58	24.69 1.24 -0.53	22.44 1.13 -0.39	21.84 1.10 -0.33	21.64 1.13 0.00	21.46 1.10 0.00	24.10 1.08 -2.66	27.43 1.15 -4.63	33.67 1.27 -8.02	43.28 1.29 -17.08	36.17 1.28 -10.36	30.38 1.29 -4.20	27.74 1.28 -2.83	25.42 1.15 -3.03	24.81 1.12 -2.88
EMPIRE_CC_2 323658	26.09 1.24 0.00	23.90 1.14 0.00	23.76 1.13 0.00	23.27 1.13 0.00	23.25 1.13 0.00	24.14 1.17 0.00	25.11 1.20 -0.44	27.78 1.19 -3.17	26.25 1.27 -1.49	25.32 1.27 -0.58	24.69 1.24 -0.53	22.44 1.13 -0.39	21.84 1.10 -0.33	21.64 1.13 0.00	21.46 1.10 0.00	24.10 1.08 -2.66	27.43 1.15 -4.63	33.67 1.27 -8.02	43.28 1.29 -17.08	36.17 1.28 -10.36	30.38 1.29 -4.20	27.74 1.28 -2.83	25.42 1.15 -3.03	24.81 1.12 -2.88
ENORWICH_115KV_TB1 80156	27.21 2.36 0.00	24.81 2.05 0.00	24.69 2.06 0.00	24.04 1.90 0.00	24.13 2.01 0.00	25.17 2.20 0.00	25.82 2.23 -0.12	26.50 2.20 -0.88	26.00 2.09 -0.41	25.63 1.99 -0.16	24.84 1.77 -0.15	22.60 1.57 -0.11	21.99 1.49 -0.09	21.97 1.46 0.00	21.76 1.40 0.00	22.47 1.36 -0.74	24.63 1.69 -1.28	28.95 2.34 -2.22	32.10 2.47 -4.73	29.66 2.26 -2.87	28.39 2.34 -1.16	26.40 1.99 -0.78	23.71 1.64 -0.84	23.24 1.64 -0.80
ERIE_ST__34_KV_TB1-2 80199	23.75 -1.09 0.00	21.56 -1.21 0.00	21.77 -0.86 0.00	21.10 -1.04 0.00	21.08 -1.04 0.00	22.26 -0.71 0.00	21.87 -1.67 -0.06	21.86 -2.01 -0.45	21.80 -1.90 -0.21	21.56 -1.99 -0.08	21.08 -1.93 -0.08	19.18 -1.80 -0.06	18.80 -1.65 -0.05	19.43 -1.09 0.00	19.14 -1.22 0.00	18.77 -1.98 -0.38	20.37 -1.95 -0.66	23.41 -2.12 -1.15	25.26 -2.09 -2.45	23.86 -2.16 -1.48	23.50 -1.99 -0.60	22.17 -1.87 -0.40	20.12 -1.55 -0.44	20.13 -1.08 -0.41
ERIE_WT_PWR 323693	23.18 -1.66 0.00	21.03 -1.73 0.00	21.12 -1.52 0.00	20.70 -1.44 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	22.01 -1.53 -0.06	21.78 -2.08 -0.45	21.87 -1.83 -0.21	21.65 -1.90 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.78 -1.67 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.42 -1.88 -0.65	23.47 -2.05 -1.13	25.24 -2.07 -2.41	23.94 -2.06 -1.46	23.56 -1.92 -0.59	22.26 -1.77 -0.40	20.20 -1.46 -0.43	20.12 -1.08 -0.41
ESPRGFLD_115KV_TB1 80157	26.59 1.74 0.00	24.27 1.50 0.00	24.15 1.52 0.00	23.60 1.46 0.00	23.62 1.50 0.00	24.62 1.65 0.00	25.21 1.74 -0.01	25.21 1.73 -0.06	25.21 1.69 -0.03	25.15 1.67 -0.01	24.52 1.58 -0.01	22.33 1.40 -0.01	21.74 1.33 -0.01	21.85 1.33 0.00	21.64 1.28 0.00	21.65 1.24 -0.05	23.21 1.47 -0.08	26.36 1.83 -0.14	27.12 1.92 -0.30	26.56 1.84 -0.18	26.85 1.89 -0.07	25.44 1.75 -0.05	22.73 1.44 -0.05	22.22 1.37 -0.05
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.37 0.52 0.00	23.15 0.39 0.00	23.06 0.43 0.00	22.56 0.42 0.00	22.56 0.44 0.00	23.54 0.57 0.00	24.15 0.59 -0.09	24.61 0.54 -0.65	24.32 0.52 -0.31	24.04 0.45 -0.12	23.40 0.37 -0.11	21.34 0.33 -0.08	20.82 0.35 -0.07	20.86 0.35 0.00	20.68 0.33 0.00	21.20 0.29 -0.55	23.06 0.45 -0.95	26.69 0.66 -1.65	29.16 0.75 -3.51	27.28 0.61 -2.13	26.40 0.65 -0.86	24.79 0.57 -0.58	22.28 0.42 -0.62	21.83 0.44 -0.59
ETNA____115KV_TB2 80207	25.37 0.52 0.00	23.15 0.39 0.00	23.06 0.43 0.00	22.56 0.42 0.00	22.56 0.44 0.00	23.54 0.57 0.00	24.15 0.59 -0.09	24.61 0.54 -0.65	24.32 0.52 -0.31	24.04 0.45 -0.12	23.40 0.37 -0.11	21.34 0.33 -0.08	20.82 0.35 -0.07	20.86 0.35 0.00	20.68 0.33 0.00	21.20 0.29 -0.55	23.06 0.45 -0.95	26.69 0.66 -1.65	29.16 0.75 -3.51	27.28 0.61 -2.13	26.40 0.65 -0.86	24.79 0.57 -0.58	22.28 0.42 -0.62	21.83 0.44 -0.59
EUCLID__115KV_TB2 356179	24.20 -0.65 0.00	22.10 -0.66 0.00	22.02 -0.61 0.00	21.54 -0.60 0.00	21.54 -0.58 0.00	22.44 -0.53 0.00	23.02 -0.49 -0.04	23.16 -0.54 -0.28	23.11 -0.52 -0.13	22.98 -0.54 -0.05	22.43 -0.55 -0.05	20.48 -0.48 -0.03	19.97 -0.47 -0.03	20.02 -0.49 0.00	19.85 -0.51 0.00	20.11 -0.49 -0.24	21.59 -0.48 -0.41	24.61 -0.49 -0.71	26.00 -0.42 -1.52	24.97 -0.49 -0.92	24.76 -0.50 -0.37	23.39 -0.50 -0.25	21.04 -0.47 -0.27	20.64 -0.42 -0.26
E_CANADA_CAP_HY 24051	26.83 1.99 0.00	24.52 1.75 0.00	24.38 1.74 0.00	23.87 1.73 0.00	23.82 1.70 0.00	24.85 1.88 0.00	25.96 1.95 -0.54	29.28 1.94 -3.92	27.24 1.90 -1.84	26.02 1.83 -0.72	25.35 1.77 -0.65	23.00 1.59 -0.48	22.30 1.49 -0.40	22.01 1.50 0.00	21.84 1.49 0.00	25.05 1.40 -3.28	29.07 1.69 -5.72	36.29 2.00 -9.91	48.15 2.14 -21.11	39.40 2.06 -12.80	32.22 2.14 -5.19	29.16 2.03 -3.49	26.68 1.70 -3.75	25.99 1.62 -3.56
E_CANADA_MHWK_HY 24050	25.37 0.52 0.00	23.26 0.50 0.00	23.18 0.54 0.00	22.67 0.53 0.00	22.65 0.53 0.00	23.50 0.53 0.00	23.96 0.49 0.00	23.86 0.44 0.00	23.94 0.45 0.00	23.89 0.42 0.00	23.27 0.34 0.00	21.20 0.27 0.00	20.65 0.25 0.00	20.76 0.23 -0.02	20.50 0.14 0.00	20.51 0.14 0.00	21.83 0.17 0.00	24.83 0.27 -0.18	25.43 0.25 -0.28	24.95 0.20 -0.21	25.32 0.15 -0.28	24.02 0.17 -0.21	21.47 0.15 -0.09	20.99 0.13 -0.06
E_FISHKILL__LBMP 23776	26.64 1.79 0.00	24.27 1.50 0.00	24.10 1.47 0.00	23.60 1.46 0.00	23.60 1.48 0.00	24.53 1.56 0.00	25.54 1.69 -0.38	27.87 1.69 -2.77	26.56 1.76 -1.30	25.74 1.76 -0.51	25.09 1.70 -0.46	22.79 1.53 -0.34	22.20 1.51 -0.28	22.05 1.54 0.00	21.84 1.49 0.00	24.17 1.49 -2.31	27.29 1.60 -4.03	33.22 1.85 -6.98	41.62 1.84 -14.87	35.38 1.82 -9.02	30.39 1.84 -3.66	27.87 1.77 -2.46	25.48 1.59 -2.65	24.81 1.50 -2.52
FALCON__SEABRD_CC1 323796	24.90 0.05 0.00	22.95 0.18 0.00	22.84 0.20 0.00	22.34 0.20 0.00	22.27 0.16 0.00	22.97 0.00 0.00	23.31 -0.16 0.00	23.30 -0.12 0.00	23.07 -0.42 0.00	23.14 -0.33 0.00	22.49 -0.44 0.00	20.44 -0.48 0.00	19.86 -0.55 0.00	19.46 -0.64 0.42	19.74 -0.61 0.01	19.80 -0.57 0.00	21.07 -0.58 0.00	20.11 -0.80 3.47	18.61 -0.85 5.44	19.53 -0.83 4.17	18.49 -0.92 5.48	18.57 -0.90 4.17	18.62 -0.85 1.76	18.78 -0.79 1.23
FALCON__SEABRD_CC2 323797	24.90 0.05 0.00	22.95 0.18 0.00	22.84 0.20 0.00	22.34 0.20 0.00	22.27 0.16 0.00	22.97 0.00 0.00	23.31 -0.16 0.00	23.30 -0.12 0.00	23.07 -0.42 0.00	23.14 -0.33 0.00	22.49 -0.44 0.00	20.44 -0.48 0.00	19.86 -0.55 0.00	19.46 -0.64 0.42	19.74 -0.61 0.01	19.80 -0.57 0.00	21.07 -0.58 0.00	20.11 -0.80 3.47	18.61 -0.85 5.44	19.53 -0.83 4.17	18.49 -0.92 5.48	18.57 -0.90 4.17	18.62 -0.85 1.76	18.78 -0.79 1.23

FAR ROCKAWAY___4 23548	33.09 2.76 -5.48	31.48 2.37 -6.35	27.48 2.31 -2.53	27.55 2.28 -3.13	27.63 2.32 -3.19	30.35 2.43 -4.95	33.16 2.61 -7.09	31.73 2.58 -5.74	27.41 2.63 -1.28	26.55 2.58 -0.50	25.88 2.50 -0.45	23.46 2.20 -0.33	22.85 2.16 -0.28	22.75 2.24 0.00	23.09 2.24 -0.49	30.06 2.24 -7.45	34.13 2.40 -10.07	40.44 2.80 -13.25	42.37 2.81 -14.66	39.78 2.77 -12.47	38.55 2.81 -10.85	36.60 2.67 -10.29	33.36 2.42 -9.71	26.72 2.29 -3.63
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.08 2.24 0.00	24.65 1.89 0.00	24.44 1.81 0.00	23.93 1.79 0.00	24.00 1.88 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.25 2.11 -2.73	26.98 2.21 -1.28	26.18 2.21 -0.50	25.51 2.13 -0.45	23.18 1.93 -0.33	22.91 1.90 -0.61	22.42 1.91 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.88 2.32 -14.66	35.71 2.28 -8.89	30.78 2.29 -3.60	28.30 2.22 -2.44	25.88 2.02 -2.63	25.17 1.89 -2.48
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.11 2.26 0.00	24.65 1.89 0.00	24.44 1.81 0.00	23.93 1.79 0.00	24.00 1.88 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.25 2.11 -2.73	26.98 2.21 -1.28	26.18 2.21 -0.50	25.51 2.13 -0.45	23.18 1.93 -0.33	22.91 1.90 -0.61	22.42 1.91 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.88 2.32 -14.66	35.71 2.28 -8.89	30.81 2.31 -3.60	28.30 2.22 -2.44	25.88 2.02 -2.63	25.17 1.89 -2.48
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.08 2.24 0.00	24.63 1.87 0.00	24.44 1.81 0.00	23.93 1.79 0.00	23.98 1.86 0.00	24.92 1.95 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.96 2.18 -1.28	26.15 2.18 -0.50	25.49 2.11 -0.45	23.16 1.90 -0.33	22.89 1.88 -0.61	22.42 1.91 0.00	22.21 1.85 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.69 2.26 -8.89	30.78 2.29 -3.60	28.28 2.20 -2.44	25.86 2.00 -2.63	25.15 1.87 -2.48
FARRAGUT___LBMP 323566	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.49 2.11 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.69 2.26 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.15 1.87 -2.48
FENNER___WINDPWR 24204	25.37 0.52 0.00	23.17 0.41 0.00	23.06 0.43 0.00	22.56 0.42 0.00	22.58 0.47 0.00	23.52 0.55 0.00	24.11 0.59 -0.05	24.32 0.54 -0.36	24.23 0.56 -0.17	24.08 0.54 -0.07	23.49 0.50 -0.06	21.41 0.44 -0.04	20.87 0.43 -0.04	20.94 0.43 0.00	20.76 0.41 0.00	21.05 0.39 -0.30	22.66 0.48 -0.53	25.96 0.66 -0.91	27.54 0.70 -1.94	26.33 0.61 -1.18	26.01 0.65 -0.48	24.50 0.54 -0.32	22.00 0.42 -0.34	21.57 0.44 -0.33
FIBERTEK___ENERGY 23856	24.52 -0.32 0.00	22.40 -0.36 0.00	22.29 -0.34 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.51 -0.23 -0.33	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.19 -0.47	25.06 -0.15 -0.82	26.58 -0.07 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.93 -0.17 -0.30
FITZPATRICK___ 23598	23.85 -0.99 0.00	21.79 -0.98 0.00	21.68 -0.95 0.00	21.23 -0.91 0.00	21.23 -0.89 0.00	22.10 -0.87 0.00	22.65 -0.84 -0.03	22.74 -0.89 -0.21	22.72 -0.87 -0.10	22.62 -0.89 -0.04	22.09 -0.87 -0.03	20.18 -0.77 -0.03	19.70 -0.73 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.79 -0.75 -0.17	21.18 -0.78 -0.30	24.06 -0.85 -0.53	25.21 -0.82 -1.12	24.36 -0.86 -0.68	24.29 -0.87 -0.28	22.97 -0.85 -0.19	20.67 -0.76 -0.20	20.26 -0.73 -0.19
FLOWRFLD_69_KV_BK1 356044	33.21 2.88 -5.48	31.62 2.50 -6.35	27.61 2.44 -2.53	27.70 2.44 -3.13	27.78 2.48 -3.19	30.53 2.62 -4.95	33.33 2.77 -7.09	31.90 2.74 -5.74	27.57 2.80 -1.28	26.67 2.70 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.83 2.32 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.37 2.64 -10.07	40.71 3.07 -13.25	42.65 3.09 -14.66	40.03 3.02 -12.47	38.80 3.06 -10.85	36.87 2.93 -10.30	33.53 2.59 -9.71	26.87 2.43 -3.63
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.93 2.09 0.00	24.52 1.75 0.00	24.35 1.72 0.00	23.87 1.73 0.00	23.80 1.68 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.03 1.90 -2.71	26.72 1.95 -1.27	25.89 1.92 -0.50	25.21 1.83 -0.45	22.91 1.65 -0.33	22.28 1.59 -0.28	22.13 1.62 0.00	21.95 1.59 0.00	24.22 1.59 -2.27	27.36 1.75 -3.95	33.30 2.07 -6.84	41.60 2.12 -14.58	35.44 2.06 -8.84	30.54 2.07 -3.58	27.99 1.94 -2.41	25.55 1.72 -2.60	24.89 1.62 -2.47
FORT ORANGE___ 23900	25.97 1.12 0.00	23.90 1.14 0.00	23.79 1.15 0.00	23.29 1.15 0.00	23.25 1.13 0.00	24.14 1.17 0.00	25.07 1.15 -0.46	27.71 1.03 -3.26	26.11 1.08 -1.53	25.15 1.08 -0.60	24.53 1.06 -0.54	22.33 1.00 -0.40	21.70 0.96 -0.34	21.50 0.98 0.00	21.33 0.98 0.00	24.03 0.94 -2.73	27.39 0.98 -4.76	33.70 1.07 -8.24	43.62 1.15 -17.57	36.30 1.11 -10.65	30.33 1.12 -4.32	27.61 1.06 -2.91	25.33 0.98 -3.12	24.68 0.91 -2.97
FORT_DRUM_COGEN 23780	24.87 0.02 0.00	22.74 -0.02 0.00	22.61 -0.02 0.00	22.07 -0.07 0.00	22.03 -0.09 0.00	22.85 -0.11 0.00	23.45 -0.05 -0.02	23.56 -0.02 -0.16	23.48 -0.09 -0.08	23.43 -0.07 -0.03	22.84 -0.11 -0.03	20.80 -0.15 -0.02	20.24 -0.18 -0.02	20.20 -0.23 0.08	20.11 -0.24 0.00	20.32 -0.18 -0.14	21.81 -0.09 -0.24	24.31 0.20 0.27	24.94 0.22 0.19	24.37 0.12 0.29	24.15 0.12 0.87	22.91 -0.05 0.68	20.92 -0.13 0.19	20.52 -0.19 0.09
FOX_HILLS___ESR 323835	27.23 2.39 0.00	24.77 2.00 0.00	24.56 1.92 0.00	24.02 1.88 0.00	24.09 1.97 0.00	25.01 2.04 0.00	26.05 2.21 -0.38	28.30 2.15 -2.73	26.98 2.21 -1.28	26.18 2.21 -0.50	25.54 2.16 -0.45	23.21 1.95 -0.33	22.94 1.92 -0.61	22.46 1.95 0.00	22.25 1.89 0.00	26.00 1.91 -3.72	31.22 2.08 -7.49	33.79 2.37 -7.04	41.97 2.39 -14.68	47.13 2.36 -20.24	30.86 2.36 -3.60	31.22 2.29 -5.29	28.20 2.08 -4.89	25.26 1.98 -2.48
FPL_FAR_ROCK_GT1 24212	33.09 2.76 -5.48	31.46 2.35 -6.35	27.48 2.31 -2.53	27.55 2.28 -3.13	27.59 2.28 -3.19	30.28 2.37 -4.95	33.04 2.49 -7.09	31.70 2.55 -5.73	27.40 2.63 -1.28	26.55 2.58 -0.50	25.88 2.50 -0.45	23.46 2.20 -0.33	22.85 2.16 -0.28	22.77 2.26 0.00	23.09 2.24 -0.49	30.06 2.24 -7.45	34.15 2.42 -10.07	40.44 2.80 -13.25	42.37 2.81 -14.66	39.78 2.77 -12.47	38.55 2.81 -10.85	36.60 2.67 -10.29	33.36 2.42 -9.70	26.80 2.37 -3.63
FPL_FAR_ROCK_GT2 23815	33.09 2.76 -5.48	31.46 2.35 -6.35	27.48 2.31 -2.53	27.55 2.28 -3.13	27.59 2.28 -3.19	30.28 2.37 -4.95	33.04 2.49 -7.09	31.70 2.55 -5.73	27.40 2.63 -1.28	26.55 2.58 -0.50	25.88 2.50 -0.45	23.46 2.20 -0.33	22.85 2.16 -0.28	22.77 2.26 0.00	23.09 2.24 -0.49	30.06 2.24 -7.45	34.15 2.42 -10.07	40.44 2.80 -13.25	42.37 2.81 -14.66	39.78 2.77 -12.47	38.55 2.81 -10.85	36.60 2.67 -10.29	33.36 2.42 -9.70	26.80 2.37 -3.63

FRANKLIN_FALL_HYD 24054	24.70 -0.15 0.00	22.79 0.02 0.00	22.63 0.00 0.00	22.12 -0.02 0.00	22.05 -0.07 0.00	22.69 -0.28 0.00	23.02 -0.45 0.00	23.07 -0.35 0.00	22.91 -0.59 0.00	22.98 -0.49 0.00	22.36 -0.57 0.00	20.34 -0.59 0.00	19.80 -0.61 0.00	19.44 -0.68 0.40	19.70 -0.65 0.01	19.76 -0.61 0.00	21.03 -0.63 0.00	20.31 -0.83 3.25	18.96 -0.85 5.09	19.80 -0.83 3.91	18.87 -0.90 5.13	18.84 -0.90 3.90	18.76 -0.83 1.65	18.82 -0.83 1.15
FREEPORT_EQUS_GT1 23764	32.94 2.61 -5.48	31.35 2.23 -6.35	27.34 2.17 -2.53	27.41 2.15 -3.13	27.48 2.17 -3.19	30.14 2.23 -4.95	32.93 2.37 -7.09	31.59 2.44 -5.73	27.29 2.52 -1.28	26.46 2.49 -0.50	25.79 2.41 -0.45	23.37 2.11 -0.33	22.77 2.08 -0.28	22.69 2.17 0.00	23.03 2.18 -0.49	29.98 2.16 -7.45	34.05 2.32 -10.07	40.32 2.68 -13.25	42.23 2.67 -14.66	39.66 2.65 -12.47	38.42 2.69 -10.85	36.49 2.55 -10.30	33.27 2.34 -9.70	26.70 2.27 -3.63
FREEPORT___CT2 23818	32.94 2.61 -5.48	31.35 2.23 -6.35	27.34 2.17 -2.53	27.41 2.15 -3.13	27.48 2.17 -3.19	30.14 2.23 -4.95	32.93 2.37 -7.09	31.59 2.44 -5.73	27.29 2.52 -1.28	26.46 2.49 -0.50	25.79 2.41 -0.45	23.37 2.11 -0.33	22.77 2.08 -0.28	22.69 2.17 0.00	23.03 2.18 -0.49	29.98 2.16 -7.45	34.05 2.32 -10.07	40.32 2.68 -13.25	42.23 2.67 -14.66	39.66 2.65 -12.47	38.42 2.69 -10.85	36.49 2.55 -10.30	33.27 2.34 -9.70	26.70 2.27 -3.63
FRESHKLS_33_KV_LOAD 356253	27.18 2.34 0.00	24.74 1.98 0.00	24.53 1.90 0.00	24.00 1.86 0.00	24.06 1.95 0.00	24.99 2.02 0.00	26.03 2.18 -0.38	28.25 2.11 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.38 1.87 0.00	22.19 1.83 0.00	25.94 1.85 -3.72	31.16 2.01 -7.49	33.74 2.32 -7.04	41.92 2.34 -14.68	47.08 2.31 -20.24	30.81 2.31 -3.60	31.18 2.25 -5.29	28.14 2.02 -4.89	25.23 1.96 -2.48
FULTON COGEN____ 23766	24.13 -0.72 0.00	22.04 -0.73 0.00	21.95 -0.68 0.00	21.50 -0.64 0.00	21.50 -0.62 0.00	22.37 -0.60 0.00	22.94 -0.56 -0.04	23.08 -0.61 -0.27	23.03 -0.59 -0.12	22.91 -0.61 -0.05	22.35 -0.62 -0.04	20.43 -0.52 -0.03	19.93 -0.51 -0.03	19.96 -0.55 0.00	19.79 -0.57 0.00	20.04 -0.55 -0.22	21.52 -0.52 -0.39	24.52 -0.54 -0.67	25.86 -0.47 -1.43	24.86 -0.54 -0.87	24.69 -0.55 -0.35	23.33 -0.54 -0.24	20.96 -0.53 -0.25	20.56 -0.48 -0.24
FULTON___LFGE 323630	28.15 3.30 0.00	25.68 2.91 0.00	25.57 2.94 0.00	25.06 2.92 0.00	24.93 2.81 0.00	26.05 3.08 0.00	27.16 3.17 -0.52	30.30 3.14 -3.74	28.26 3.01 -1.76	27.02 2.86 -0.69	26.35 2.80 -0.62	23.89 2.51 -0.46	23.14 2.35 -0.38	22.85 2.34 0.00	22.70 2.34 0.00	25.92 2.42 -3.13	30.00 2.88 -5.46	37.13 3.29 -9.46	48.64 3.59 -20.15	40.22 3.46 -12.22	33.45 3.61 -4.95	30.25 3.28 -3.33	27.55 2.74 -3.58	26.84 2.64 -3.40
G.F.CEMENT___DRP 24184	26.21 1.37 0.00	23.90 1.14 0.00	23.77 1.13 0.00	23.29 1.15 0.00	23.20 1.08 0.00	24.16 1.19 0.00	25.21 1.27 -0.47	28.23 1.41 -3.40	26.45 1.36 -1.60	25.46 1.36 -0.62	24.87 1.38 -0.56	22.55 1.21 -0.41	21.90 1.14 -0.35	21.64 1.13 0.00	21.46 1.10 0.00	24.33 1.14 -2.82	27.90 1.32 -4.92	34.37 1.46 -8.52	44.66 1.59 -18.16	37.10 1.55 -11.01	30.99 1.64 -4.46	28.11 1.47 -3.00	25.70 1.21 -3.25	25.06 1.16 -3.09
GARDENVILLE___LBMP 24039	23.28 -1.57 0.00	21.12 -1.64 0.00	21.34 -1.29 0.00	20.68 -1.46 0.00	20.68 -1.44 0.00	21.84 -1.13 0.00	21.96 -1.57 -0.06	21.90 -1.97 -0.44	21.82 -1.88 -0.21	21.60 -1.95 -0.08	21.10 -1.90 -0.07	19.22 -1.76 -0.05	18.74 -1.71 -0.05	19.00 -1.52 0.00	18.73 -1.63 0.00	18.80 -1.93 -0.37	20.40 -1.91 -0.64	23.41 -2.10 -1.12	25.24 -2.04 -2.38	23.87 -2.11 -1.44	23.51 -1.97 -0.58	22.21 -1.82 -0.39	20.19 -1.47 -0.42	20.22 -0.98 -0.40
GARDNVLA_35_KV_LD 355827	23.41 -1.44 0.00	21.24 -1.53 0.00	21.46 -1.18 0.00	20.77 -1.37 0.00	20.77 -1.35 0.00	21.94 -1.03 0.00	22.01 -1.53 -0.06	21.95 -1.92 -0.45	21.90 -1.81 -0.21	21.67 -1.88 -0.08	21.17 -1.83 -0.07	19.26 -1.72 -0.06	18.80 -1.65 -0.05	19.08 -1.44 0.00	18.81 -1.55 0.00	18.87 -1.87 -0.38	20.47 -1.84 -0.65	23.50 -2.02 -1.13	25.35 -1.97 -2.42	23.94 -2.06 -1.47	23.59 -1.89 -0.59	22.26 -1.77 -0.40	20.24 -1.42 -0.43	20.29 -0.92 -0.41
GELCKHM___115KV_LOAD 80723	24.30 -0.55 0.00	22.19 -0.57 0.00	22.11 -0.52 0.00	21.65 -0.49 0.00	21.65 -0.46 0.00	22.53 -0.44 0.00	23.14 -0.38 -0.04	23.27 -0.44 -0.30	23.21 -0.42 -0.14	23.08 -0.45 -0.05	22.54 -0.44 -0.05	20.58 -0.38 -0.04	20.07 -0.37 -0.03	20.12 -0.39 0.00	19.93 -0.43 0.00	20.21 -0.41 -0.25	21.72 -0.37 -0.44	24.78 -0.37 -0.75	26.21 -0.30 -1.61	25.12 -0.39 -0.97	24.91 -0.37 -0.40	23.52 -0.38 -0.27	21.16 -0.36 -0.29	20.76 -0.31 -0.27
GENERAL___MILLS 23808	23.38 -1.47 0.00	21.22 -1.55 0.00	21.43 -1.20 0.00	20.74 -1.39 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	21.98 -1.55 -0.06	21.92 -1.94 -0.45	21.85 -1.86 -0.21	21.63 -1.92 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.76 -1.69 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.45 -1.86 -0.65	23.44 -2.07 -1.13	25.29 -2.02 -2.41	23.91 -2.09 -1.46	23.56 -1.92 -0.59	22.24 -1.80 -0.40	20.22 -1.44 -0.43	20.25 -0.96 -0.41
GE_PLASTICS___DRP 24183	25.84 0.99 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.02 0.89 0.00	22.98 0.86 0.00	23.86 0.90 0.00	24.86 0.94 -0.46	27.64 0.94 -3.28	26.02 0.99 -1.54	25.06 0.99 -0.60	24.44 0.96 -0.54	22.23 0.90 -0.40	21.62 0.88 -0.34	21.40 0.88 0.00	21.23 0.88 0.00	23.96 0.86 -2.74	27.32 0.89 -4.77	33.62 0.98 -8.26	43.53 1.02 -17.60	36.20 0.98 -10.68	30.23 1.02 -4.33	27.52 0.97 -2.91	25.27 0.89 -3.14	24.70 0.92 -2.98
GILBOA___1 23756	25.89 1.04 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.03 0.89 0.00	23.00 0.89 0.00	23.91 0.94 0.00	24.82 0.99 -0.36	26.99 0.96 -2.61	25.75 1.03 -1.22	24.96 1.01 -0.48	24.35 0.99 -0.43	22.12 0.88 -0.32	21.55 0.88 -0.27	21.39 0.88 0.00	21.21 0.85 0.00	23.38 0.84 -2.18	26.37 0.91 -3.81	32.05 1.07 -6.59	40.02 1.07 -14.04	34.11 1.05 -8.52	29.41 1.07 -3.45	26.98 1.02 -2.32	24.66 0.93 -2.49	24.08 0.91 -2.37
GILBOA___2 23757	25.89 1.04 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.03 0.89 0.00	23.00 0.89 0.00	23.91 0.94 0.00	24.82 0.99 -0.36	26.99 0.96 -2.61	25.75 1.03 -1.22	24.96 1.01 -0.48	24.35 0.99 -0.43	22.12 0.88 -0.32	21.55 0.88 -0.27	21.39 0.88 0.00	21.21 0.85 0.00	23.38 0.84 -2.18	26.37 0.91 -3.81	32.05 1.07 -6.59	40.02 1.07 -14.04	34.11 1.05 -8.52	29.41 1.07 -3.45	26.98 1.02 -2.32	24.66 0.93 -2.49	24.08 0.91 -2.37
GILBOA___3 23758	25.89 1.04 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.03 0.89 0.00	23.00 0.89 0.00	23.91 0.94 0.00	24.82 0.99 -0.36	26.99 0.96 -2.61	25.75 1.03 -1.22	24.96 1.01 -0.48	24.35 0.99 -0.43	22.12 0.88 -0.32	21.55 0.88 -0.27	21.39 0.88 0.00	21.21 0.85 0.00	23.38 0.84 -2.18	26.37 0.91 -3.81	32.05 1.07 -6.59	40.02 1.07 -14.04	34.11 1.05 -8.52	29.41 1.07 -3.45	26.98 1.02 -2.32	24.66 0.93 -2.49	24.08 0.91 -2.37

GILBOA____4 23759	25.89 1.04 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.03 0.89 0.00	23.00 0.89 0.00	23.91 0.94 0.00	24.82 0.99 -0.36	26.99 0.96 -2.61	25.75 1.03 -1.22	24.96 1.01 -0.48	24.35 0.99 -0.43	22.12 0.88 -0.32	21.55 0.88 -0.27	21.39 0.88 0.00	21.21 0.85 0.00	23.38 0.84 -2.18	26.37 0.91 -3.81	32.05 1.07 -6.59	40.02 1.07 -14.04	34.11 1.05 -8.52	29.41 1.07 -3.45	26.98 1.02 -2.32	24.66 0.93 -2.49	24.08 0.91 -2.37
GILBOA____ 23599	25.89 1.04 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.00 0.86 0.00	23.00 0.88 0.00	23.91 0.94 0.00	24.84 1.01 -0.36	27.01 0.98 -2.61	25.75 1.03 -1.23	24.96 1.01 -0.48	24.35 0.99 -0.43	22.12 0.88 -0.32	21.55 0.88 -0.27	21.40 0.88 0.00	21.21 0.86 0.00	23.38 0.84 -2.18	26.37 0.91 -3.81	32.05 1.07 -6.59	40.04 1.10 -14.04	34.11 1.06 -8.52	29.41 1.07 -3.45	26.98 1.02 -2.32	24.67 0.93 -2.50	24.07 0.89 -2.37
GINNA____ 23603	22.68 -2.16 0.00	20.62 -2.14 0.00	20.60 -2.04 0.00	20.15 -1.99 0.00	20.19 -1.92 0.00	21.18 -1.79 0.00	21.90 -1.62 -0.05	21.88 -1.90 -0.36	21.86 -1.81 -0.17	21.70 -1.83 -0.07	21.22 -1.77 -0.06	19.36 -1.61 -0.04	18.79 -1.65 -0.04	18.71 -1.81 0.00	18.53 -1.83 0.00	19.02 -1.65 -0.30	20.56 -1.62 -0.53	23.54 -1.76 -0.91	25.13 -1.72 -1.94	23.93 -1.79 -1.18	23.60 -1.77 -0.48	22.26 -1.70 -0.32	20.01 -1.57 -0.35	19.71 -1.42 -0.33
GLEN PARK____ 23778	24.97 0.12 0.00	22.83 0.07 0.00	22.68 0.05 0.00	22.16 0.02 0.00	22.14 0.02 0.00	22.99 0.02 0.00	23.59 0.09 -0.02	23.71 0.12 -0.17	23.62 0.05 -0.08	23.57 0.07 -0.03	22.96 0.00 -0.03	20.92 -0.02 -0.02	20.34 -0.08 -0.02	20.31 -0.12 0.08	20.21 -0.14 0.00	20.45 -0.06 -0.14	21.95 0.04 -0.25	24.56 0.39 0.22	25.20 0.40 0.10	24.63 0.32 0.22	24.41 0.32 0.80	23.10 0.09 0.63	21.05 -0.02 0.17	20.64 -0.08 0.07
GLENDALE_27_KV_LOAD 356172	27.26 2.41 0.00	24.79 2.03 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.12 2.35 -1.28	26.32 2.35 -0.50	25.67 2.29 -0.45	23.31 2.05 -0.33	23.04 2.02 -0.61	22.56 2.05 0.00	22.35 2.00 0.00	26.10 2.02 -3.72	31.31 2.17 -7.49	33.94 2.51 -7.04	42.10 2.52 -14.68	47.25 2.48 -20.24	30.98 2.49 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GLENWOOD_IC_1_G5 23712	32.91 2.58 -5.48	31.30 2.19 -6.35	27.32 2.15 -2.53	27.39 2.13 -3.13	27.47 2.17 -3.19	30.19 2.27 -4.95	33.00 2.44 -7.09	31.57 2.41 -5.74	27.27 2.49 -1.28	26.41 2.44 -0.50	25.74 2.36 -0.45	23.35 2.09 -0.33	22.73 2.04 -0.28	22.63 2.11 0.00	22.97 2.12 -0.49	29.94 2.12 -7.45	34.00 2.27 -10.07	40.27 2.63 -13.25	42.20 2.64 -14.66	39.61 2.60 -12.47	38.37 2.64 -10.85	36.44 2.51 -10.29	33.24 2.29 -9.71	26.60 2.16 -3.63
GLENWOOD_IC_2_G1 23688	32.79 2.46 -5.48	31.21 2.09 -6.35	27.23 2.06 -2.53	27.28 2.01 -3.13	27.34 2.03 -3.19	30.03 2.11 -4.95	32.79 2.23 -7.09	31.45 2.30 -5.73	27.17 2.40 -1.28	26.34 2.37 -0.50	25.65 2.27 -0.45	23.27 2.01 -0.33	22.67 1.98 -0.28	22.56 2.05 0.00	22.89 2.04 -0.49	29.86 2.04 -7.45	33.91 2.19 -10.07	40.17 2.54 -13.25	42.07 2.51 -14.66	39.51 2.50 -12.47	38.28 2.54 -10.85	36.36 2.44 -10.29	33.15 2.21 -9.70	26.57 2.14 -3.63
GLENWOOD_IC_3_G1 23689	32.79 2.46 -5.48	31.21 2.09 -6.35	27.23 2.06 -2.53	27.28 2.01 -3.13	27.34 2.03 -3.19	30.03 2.11 -4.95	32.79 2.23 -7.09	31.45 2.30 -5.73	27.17 2.40 -1.28	26.34 2.37 -0.50	25.65 2.27 -0.45	23.27 2.01 -0.33	22.67 1.98 -0.28	22.56 2.05 0.00	22.89 2.04 -0.49	29.86 2.04 -7.45	33.91 2.19 -10.07	40.17 2.54 -13.25	42.07 2.51 -14.66	39.51 2.50 -12.47	38.28 2.54 -10.85	36.36 2.44 -10.29	33.15 2.21 -9.70	26.57 2.14 -3.63
GLENWOOD____4 23550	32.91 2.58 -5.48	31.30 2.19 -6.35	27.32 2.15 -2.53	27.39 2.13 -3.13	27.47 2.17 -3.19	30.19 2.27 -4.95	33.00 2.44 -7.09	31.57 2.41 -5.74	27.27 2.49 -1.28	26.41 2.44 -0.50	25.74 2.36 -0.45	23.35 2.09 -0.33	22.73 2.04 -0.28	22.63 2.11 0.00	22.97 2.12 -0.49	29.94 2.12 -7.45	34.00 2.27 -10.07	40.27 2.63 -13.25	42.20 2.64 -14.66	39.61 2.60 -12.47	38.37 2.64 -10.85	36.44 2.51 -10.29	33.24 2.29 -9.71	26.60 2.16 -3.63
GLENWOOD____5 23614	32.91 2.58 -5.48	31.30 2.19 -6.35	27.32 2.15 -2.53	27.39 2.13 -3.13	27.47 2.17 -3.19	30.19 2.27 -4.95	33.00 2.44 -7.09	31.57 2.41 -5.74	27.27 2.49 -1.28	26.41 2.44 -0.50	25.74 2.36 -0.45	23.35 2.09 -0.33	22.73 2.04 -0.28	22.63 2.11 0.00	22.97 2.12 -0.49	29.94 2.12 -7.45	34.00 2.27 -10.07	40.27 2.63 -13.25	42.20 2.64 -14.66	39.61 2.60 -12.47	38.37 2.64 -10.85	36.44 2.51 -10.29	33.24 2.29 -9.71	26.60 2.16 -3.63
GLOBAL GREEN_PORT_GT1 23814	33.76 3.43 -5.48	32.19 3.07 -6.35	28.25 3.08 -2.53	28.39 3.12 -3.13	28.47 3.16 -3.19	31.22 3.31 -4.95	34.01 3.45 -7.09	32.57 3.42 -5.73	28.16 3.38 -1.28	27.14 3.17 -0.50	26.36 2.98 -0.45	23.85 2.59 -0.33	23.22 2.53 -0.28	23.22 2.71 0.00	23.58 2.73 -0.49	30.61 2.79 -7.45	34.85 3.12 -10.07	41.34 3.71 -13.25	43.27 3.71 -14.66	40.69 3.68 -12.47	39.42 3.68 -10.85	37.43 3.50 -10.30	34.00 3.06 -9.70	27.40 2.97 -3.63
GLOBE____DSASP 323697	22.34 -2.51 0.00	20.31 -2.46 0.00	20.55 -2.08 0.00	19.86 -2.28 0.00	19.88 -2.23 0.00	21.02 -1.95 0.00	21.51 -2.02 -0.06	21.36 -2.48 -0.42	21.32 -2.37 -0.20	21.11 -2.44 -0.08	20.64 -2.36 -0.07	18.80 -2.18 -0.05	18.25 -2.20 -0.04	18.24 -2.28 0.00	17.98 -2.38 0.00	18.42 -2.30 -0.35	19.95 -2.32 -0.62	22.84 -2.61 -1.07	24.54 -2.64 -2.27	23.27 -2.65 -1.38	22.91 -2.54 -0.56	21.65 -2.36 -0.38	19.73 -1.91 -0.40	19.79 -1.39 -0.38
GOETHSLN____LBMP 323567	26.96 2.11 0.00	24.52 1.75 0.00	24.33 1.70 0.00	23.82 1.68 0.00	23.87 1.75 0.00	24.83 1.86 0.00	25.87 2.02 -0.38	28.14 1.99 -2.73	26.87 2.09 -1.28	26.06 2.09 -0.50	25.40 2.02 -0.45	23.08 1.82 -0.33	22.81 1.80 -0.61	22.34 1.83 0.00	22.13 1.77 0.00	24.43 1.77 -2.30	27.53 1.91 -3.97	33.46 2.19 -6.88	41.75 2.19 -14.66	35.59 2.16 -8.89	30.66 2.17 -3.60	28.18 2.10 -2.44	25.77 1.91 -2.63	25.07 1.79 -2.48
GOLAH____69_KV_TB 1_2 80279	23.63 -1.22 0.00	21.49 -1.27 0.00	21.59 -1.04 0.00	20.99 -1.15 0.00	21.01 -1.11 0.00	22.10 -0.87 0.00	22.75 -0.77 -0.05	22.72 -1.08 -0.37	22.68 -0.99 -0.17	22.50 -1.03 -0.07	22.00 -0.99 -0.06	20.07 -0.90 -0.05	19.47 -0.98 -0.04	19.39 -1.13 0.00	19.16 -1.20 0.00	19.64 -1.04 -0.31	21.25 -0.95 -0.54	24.35 -0.98 -0.94	25.98 -0.92 -2.00	24.74 -1.01 -1.21	24.48 -0.90 -0.49	23.09 -0.87 -0.33	20.85 -0.74 -0.36	20.70 -0.44 -0.34
GOODYEAR_LAKE_HYD 323669	26.31 1.47 0.00	24.02 1.25 0.00	23.88 1.24 0.00	23.36 1.22 0.00	23.40 1.28 0.00	24.37 1.40 0.00	25.04 1.46 -0.12	25.74 1.45 -0.87	25.36 1.46 -0.41	25.08 1.46 -0.16	24.45 1.38 -0.14	22.27 1.23 -0.11	21.66 1.16 -0.09	21.68 1.17 0.00	21.48 1.12 0.00	22.17 1.08 -0.72	24.18 1.26 -1.26	28.14 1.56 -2.19	31.18 1.62 -4.66	28.91 1.55 -2.83	27.63 1.59 -1.15	25.85 1.44 -0.77	23.30 1.23 -0.83	22.77 1.19 -0.79

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.14 0.30 0.00	22.95 0.18 0.00	22.88 0.25 0.00	22.36 0.22 0.00	22.38 0.27 0.00	23.36 0.39 0.00	23.88 0.28 -0.13	24.54 0.21 -0.91	24.16 0.23 -0.43	23.80 0.16 -0.17	23.22 0.14 -0.15	21.14 0.10 -0.11	20.64 0.14 -0.09	20.74 0.23 0.00	20.54 0.18 0.00	21.17 0.04 -0.76	23.14 0.15 -1.33	26.93 0.24 -2.30	30.08 0.27 -4.90	27.71 0.20 -2.97	26.37 0.27 -1.20	24.68 0.24 -0.81	22.32 0.21 -0.87	21.88 0.25 -0.83
GOUDEY___7 23579	25.17 0.32 0.00	22.97 0.20 0.00	22.91 0.27 0.00	22.38 0.24 0.00	22.38 0.27 0.00	23.38 0.41 0.00	23.90 0.31 -0.13	24.54 0.21 -0.91	24.18 0.26 -0.43	23.82 0.19 -0.17	23.24 0.16 -0.15	21.16 0.13 -0.11	20.66 0.16 -0.09	20.76 0.25 0.00	20.56 0.20 0.00	21.19 0.06 -0.76	23.16 0.17 -1.33	26.96 0.27 -2.30	30.10 0.30 -4.90	27.73 0.22 -2.97	26.39 0.30 -1.20	24.71 0.26 -0.81	22.34 0.23 -0.87	21.90 0.27 -0.83
GOUDEY___8 23580	25.14 0.30 0.00	22.95 0.18 0.00	22.88 0.25 0.00	22.36 0.22 0.00	22.38 0.27 0.00	23.36 0.39 0.00	23.88 0.28 -0.13	24.54 0.21 -0.91	24.16 0.23 -0.43	23.80 0.16 -0.17	23.22 0.14 -0.15	21.14 0.10 -0.11	20.64 0.14 -0.09	20.74 0.23 0.00	20.54 0.18 0.00	21.17 0.04 -0.76	23.14 0.15 -1.33	26.93 0.24 -2.30	30.08 0.27 -4.90	27.71 0.20 -2.97	26.37 0.27 -1.20	24.68 0.24 -0.81	22.32 0.21 -0.87	21.88 0.25 -0.83
GOWANUS_GT1_1 24077	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_2 24078	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_3 24079	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_4 24080	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_5 24084	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_6 24111	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_7 24112	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT1_8 24113	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT2_1 24114	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
GOWANUS_GT2_2 24115	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
GOWANUS_GT2_3 24116	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
GOWANUS_GT2_4 24117	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48

GOWANUS_GT2_5 24118	27.29	24.82	24.61	24.10	24.09	25.00	26.01	28.37	27.10	26.29	25.63	23.30	23.02	22.55	22.36	26.08	31.31	33.91	42.07	47.23	30.96	31.32	28.31	25.41
	2.44	2.05	1.97	1.95	1.97	2.02	2.16	2.23	2.33	2.32	2.25	2.03	2.00	2.03	2.00	2.00	2.17	2.49	2.49	2.45	2.46	2.39	2.19	2.12
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.39	-2.72	-1.28	-0.50	-0.45	-0.34	-0.61	-0.01	-0.01	-3.72	-7.49	-7.04	-14.68	-20.24	-3.61	-5.29	-4.88	-2.48
GOWANUS_GT2_6 24119	27.29	24.82	24.61	24.10	24.09	25.00	26.01	28.37	27.10	26.29	25.63	23.30	23.02	22.55	22.36	26.08	31.31	33.91	42.07	47.23	30.96	31.32	28.31	25.41
	2.44	2.05	1.97	1.95	1.97	2.02	2.16	2.23	2.33	2.32	2.25	2.03	2.00	2.03	2.00	2.00	2.17	2.49	2.49	2.45	2.46	2.39	2.19	2.12
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.39	-2.72	-1.28	-0.50	-0.45	-0.34	-0.61	-0.01	-0.01	-3.72	-7.49	-7.04	-14.68	-20.24	-3.61	-5.29	-4.88	-2.48
GOWANUS_GT2_7 24120	27.29	24.82	24.61	24.10	24.09	25.00	26.01	28.37	27.10	26.29	25.63	23.30	23.02	22.55	22.36	26.08	31.31	33.91	42.07	47.23	30.96	31.32	28.31	25.41
	2.44	2.05	1.97	1.95	1.97	2.02	2.16	2.23	2.33	2.32	2.25	2.03	2.00	2.03	2.00	2.00	2.17	2.49	2.49	2.45	2.46	2.39	2.19	2.12
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.39	-2.72	-1.28	-0.50	-0.45	-0.34	-0.61	-0.01	-0.01	-3.72	-7.49	-7.04	-14.68	-20.24	-3.61	-5.29	-4.88	-2.48
GOWANUS_GT2_8 24121	27.29	24.82	24.61	24.10	24.09	25.00	26.01	28.37	27.10	26.29	25.63	23.30	23.02	22.55	22.36	26.08	31.31	33.91	42.07	47.23	30.96	31.32	28.31	25.41
	2.44	2.05	1.97	1.95	1.97	2.02	2.16	2.23	2.33	2.32	2.25	2.03	2.00	2.03	2.00	2.00	2.17	2.49	2.49	2.45	2.46	2.39	2.19	2.12
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.39	-2.72	-1.28	-0.50	-0.45	-0.34	-0.61	-0.01	-0.01	-3.72	-7.49	-7.04	-14.68	-20.24	-3.61	-5.29	-4.88	-2.48
GOWANUS_GT3_1 24122	27.29	24.82	24.61	24.10	24.09	25.00	26.01	28.37	27.10	26.29	25.63	23.30	23.02	22.55	22.36	26.08	31.31	33.91	42.07	47.23	30.96	31.32	28.31	25.41
	2.44	2.05	1.97	1.95	1.97	2.02	2.16	2.23	2.33	2.32	2.25	2.03	2.00	2.03	2.00	2.00	2.17	2.49	2.49	2.45	2.46	2.39	2.19	2.12
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.39	-2.72	-1.28	-0.50	-0.45	-0.34	-0.61	-0.01	-0.01	-3.72	-7.49	-7.04	-14.68	-20.24	-3.61	-5.29	-4.88	-2.48
GOWANUS_GT3_2 24123	27.29	24.82	24.61	24.10	24.09	25.00	26.01	28.37	27.10	26.29	25.63	23.30	23.02	22.55	22.36	26.08	31.31	33.91	42.07	47.23	30.96	31.32	28.31	25.41
	2.44	2.05	1.97	1.95	1.97	2.02	2.16	2.23	2.33	2.32	2.25	2.03	2.00	2.03	2.00	2.00	2.17	2.49	2.49	2.45	2.46	2.39	2.19	2.12
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.39																	

GOWANUS_GT4_4 24133	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT4_5 24134	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT4_6 24135	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT4_7 24136	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GOWANUS_GT4_8 24137	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GREENBSH_115KV_TB3 55895	25.77 0.92 0.00	23.63 0.87 0.00	23.47 0.84 0.00	23.00 0.86 0.00	22.96 0.84 0.00	23.82 0.85 0.00	24.82 0.89 -0.46	27.63 0.91 -3.29	26.01 0.96 -1.55	25.06 0.99 -0.61	24.44 0.96 -0.55	22.27 0.94 -0.40	21.64 0.90 -0.34	21.44 0.92 0.00	21.25 0.90 0.00	23.99 0.88 -2.74	27.33 0.89 -4.78	33.62 0.95 -8.28	43.55 1.00 -17.65	36.20 0.96 -10.70	30.22 1.00 -4.34	27.50 0.95 -2.92	25.28 0.89 -3.15	24.75 0.96 -3.00
GREENDGE_115KV_TB5 80291	25.14 0.30 0.00	22.90 0.14 0.00	22.88 0.25 0.00	22.34 0.20 0.00	22.36 0.24 0.00	23.43 0.46 0.00	23.95 0.40 -0.08	24.30 0.28 -0.60	24.06 0.28 -0.28	23.74 0.16 -0.11	23.12 0.09 -0.10	21.06 0.06 -0.07	20.53 0.06 -0.06	20.62 0.10 0.00	20.42 0.06 0.00	20.85 -0.02 -0.50	22.73 0.19 -0.87	26.27 0.37 -1.51	28.63 0.50 -3.22	26.81 0.32 -1.96	26.05 0.37 -0.79	24.48 0.31 -0.53	22.00 0.19 -0.57	21.62 0.27 -0.54
GREENIDGE___3 23582	25.14 0.30 0.00	22.90 0.14 0.00	22.88 0.25 0.00	22.34 0.20 0.00	22.36 0.24 0.00	23.43 0.46 0.00	23.95 0.40 -0.08	24.30 0.28 -0.60	24.06 0.28 -0.28	23.74 0.16 -0.11	23.12 0.09 -0.10	21.06 0.06 -0.07	20.53 0.06 -0.06	20.62 0.10 0.00	20.42 0.06 0.00	20.85 -0.02 -0.50	22.73 0.19 -0.87	26.27 0.37 -1.51	28.63 0.50 -3.22	26.81 0.32 -1.96	26.05 0.37 -0.79	24.48 0.31 -0.53	22.00 0.19 -0.57	21.62 0.27 -0.54
GREENIDGE___4 23583	25.07 0.22 0.00	22.83 0.07 0.00	22.79 0.16 0.00	22.32 0.18 0.00	22.34 0.22 0.00	23.40 0.44 0.00	23.93 0.37 -0.08	24.25 0.23 -0.60	24.06 0.28 -0.28	23.74 0.17 -0.11	23.12 0.09 -0.10	21.06 0.06 -0.07	20.53 0.06 -0.06	20.62 0.10 0.00	20.42 0.06 0.00	20.85 -0.02 -0.50	22.72 0.19 -0.87	26.27 0.37 -1.51	28.60 0.47 -3.22	26.81 0.32 -1.96	26.03 0.35 -0.79	24.48 0.31 -0.53	22.00 0.19 -0.57	21.59 0.25 -0.54
GREENLWN_69_KV_BK 3 55738	32.84 2.51 -5.48	31.26 2.14 -6.35	27.27 2.10 -2.53	27.35 2.08 -3.13	27.43 2.12 -3.19	30.14 2.23 -4.95	32.95 2.39 -7.09	31.52 2.37 -5.74	27.22 2.44 -1.28	26.36 2.39 -0.50	25.67 2.29 -0.45	23.29 2.03 -0.33	22.69 2.00 -0.28	22.59 2.07 0.00	22.95 2.10 -0.49	29.92 2.10 -7.45	34.00 2.27 -10.07	40.20 2.56 -13.25	42.12 2.57 -14.66	39.56 2.55 -12.47	38.30 2.56 -10.85	36.42 2.48 -10.30	33.19 2.25 -9.71	26.53 2.10 -3.63
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48
GRISSOM___SOLAR 323813	28.15 3.30 0.00	25.68 2.91 0.00	25.57 2.94 0.00	25.06 2.92 0.00	24.93 2.81 0.00	26.05 3.08 0.00	27.16 3.17 -0.52	30.30 3.14 -3.74	28.26 3.01 -1.76	27.02 2.86 -0.69	26.35 2.80 -0.62	23.89 2.51 -0.46	23.14 2.35 -0.38	22.85 2.34 0.00	22.70 2.34 0.00	25.92 2.42 -3.13	30.00 2.88 -5.46	37.13 3.29 -9.46	48.64 3.59 -20.15	40.22 3.46 -12.22	33.45 3.61 -4.95	30.25 3.28 -3.33	27.55 2.74 -3.58	26.84 2.64 -3.40
GROVEVILLE___HYD 323602	26.93 2.09 0.00	24.52 1.75 0.00	24.35 1.72 0.00	23.87 1.73 0.00	23.80 1.68 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.03 1.90 -2.71	26.72 1.95 -1.27	25.89 1.92 -0.50	25.21 1.83 -0.45	22.91 1.65 -0.33	22.28 1.59 -0.28	22.13 1.62 0.00	21.95 1.59 0.00	24.22 1.59 -2.27	27.36 1.75 -3.95	33.30 2.07 -6.84	41.60 2.12 -14.58	35.44 2.06 -8.84	30.54 2.07 -3.58	27.99 1.94 -2.41	25.55 1.72 -2.60	24.89 1.62 -2.47
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.52 -0.32 0.00	22.40 -0.36 0.00	22.29 -0.34 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.51 -0.23 -0.33	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.19 -0.47	25.06 -0.15 -0.82	26.58 -0.07 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.93 -0.17 -0.30
HAMLTNNY_34_KV_TB 80303	24.52 -0.32 0.00	22.40 -0.36 0.00	22.32 -0.32 0.00	21.85 -0.29 0.00	21.85 -0.27 0.00	22.76 -0.21 0.00	23.38 -0.14 -0.05	23.55 -0.21 -0.34	23.47 -0.19 -0.16	23.30 -0.23 -0.06	22.76 -0.23 -0.06	20.76 -0.21 -0.04	20.24 -0.20 -0.04	20.29 -0.23 0.00	20.11 -0.24 0.00	20.43 -0.22 -0.29	22.00 -0.15 -0.50	25.13 -0.12 -0.86	26.72 -0.02 -1.84	25.51 -0.15 -1.12	25.22 -0.12 -0.45	23.80 -0.14 -0.30	21.37 -0.19 -0.33	20.99 -0.12 -0.31

HAMPSHIRE___PAPER_HYD 323593	24.42 -0.42 0.00	22.42 -0.34 0.00	22.27 -0.36 0.00	21.70 -0.44 0.00	21.59 -0.53 0.00	22.28 -0.69 0.00	22.78 -0.70 -0.01	22.89 -0.61 -0.08	22.81 -0.73 -0.04	22.80 -0.68 -0.02	22.23 -0.71 -0.01	20.26 -0.67 -0.01	19.72 -0.69 -0.01	19.57 -0.72 0.22	19.64 -0.71 0.00	19.78 -0.65 -0.07	21.11 -0.67 -0.12	22.13 -0.63 1.63	21.83 -0.65 2.43	21.94 -0.66 1.93	21.43 -0.67 2.79	20.78 -0.73 2.13	19.72 -0.66 0.85	19.52 -0.71 0.57
HARDSCRABBLE_WT_PWR 323673	25.27 0.42 0.00	23.20 0.43 0.00	23.11 0.48 0.00	22.60 0.47 0.00	22.60 0.49 0.00	23.43 0.46 0.00	23.89 0.42 0.00	23.79 0.37 0.00	23.85 0.35 0.00	23.80 0.33 0.00	23.16 0.23 0.00	21.09 0.17 0.00	20.55 0.14 0.00	20.66 0.12 -0.02	20.38 0.02 0.00	20.41 0.04 0.00	21.72 0.07 0.00	24.71 0.15 -0.18	25.31 0.13 -0.28	24.80 0.05 -0.21	25.17 0.00 -0.28	23.87 0.02 -0.21	21.32 0.00 -0.09	20.84 -0.02 -0.06
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.64 1.79 0.00	24.27 1.50 0.00	24.08 1.45 0.00	23.60 1.46 0.00	23.58 1.46 0.00	24.51 1.54 0.00	25.48 1.67 -0.35	27.60 1.66 -2.51	26.39 1.72 -1.18	25.62 1.69 -0.46	24.97 1.63 -0.42	22.68 1.44 -0.31	22.07 1.41 -0.26	21.95 1.44 0.00	21.74 1.38 0.00	23.85 1.38 -2.10	26.86 1.54 -3.66	32.51 1.78 -6.34	40.23 1.82 -13.51	34.50 1.77 -8.19	30.00 1.79 -3.32	27.57 1.70 -2.23	25.17 1.53 -2.40	24.52 1.44 -2.28
HARSNRAD_115KV_TB1 81005	22.93 -1.91 0.00	20.81 -1.96 0.00	21.05 -1.58 0.00	20.37 -1.77 0.00	20.37 -1.75 0.00	21.54 -1.42 0.00	21.88 -1.64 -0.06	21.75 -2.08 -0.42	21.72 -1.97 -0.20	21.50 -2.04 -0.08	21.00 -1.99 -0.07	19.13 -1.84 -0.05	18.57 -1.88 -0.04	18.65 -1.87 0.00	18.38 -1.97 0.00	18.72 -2.00 -0.35	20.29 -1.97 -0.61	23.24 -2.19 -1.05	24.98 -2.17 -2.24	23.69 -2.21 -1.36	23.35 -2.09 -0.55	22.07 -1.94 -0.37	20.06 -1.57 -0.40	20.14 -1.04 -0.38
HARZA MOOSE___RIVER 24016	25.34 0.50 0.00	23.17 0.41 0.00	23.04 0.41 0.00	22.49 0.35 0.00	22.38 0.27 0.00	23.24 0.28 0.00	23.81 0.33 -0.01	23.88 0.35 -0.10	23.85 0.31 -0.05	23.82 0.33 -0.02	23.24 0.30 -0.02	21.19 0.25 -0.01	20.62 0.20 -0.01	20.65 0.18 0.05	20.52 0.16 0.00	20.64 0.18 -0.09	22.07 0.26 -0.15	24.73 0.46 0.12	25.37 0.50 0.04	24.84 0.42 0.12	24.87 0.45 0.46	23.58 0.31 0.36	21.35 0.21 0.09	20.93 0.17 0.04
HDSNBRDG_115KV_BRDG_TB1 355580	24.32 -0.52 0.00	22.22 -0.55 0.00	22.14 -0.50 0.00	21.67 -0.46 0.00	21.68 -0.44 0.00	22.58 -0.39 0.00	23.16 -0.35 -0.04	23.30 -0.42 -0.30	23.24 -0.40 -0.14	23.10 -0.42 -0.06	22.57 -0.41 -0.05	20.61 -0.36 -0.04	20.09 -0.35 -0.03	20.14 -0.37 0.00	19.97 -0.39 0.00	20.23 -0.39 -0.25	21.75 -0.35 -0.44	24.80 -0.34 -0.76	26.24 -0.27 -1.61	25.15 -0.37 -0.98	24.94 -0.35 -0.40	23.55 -0.35 -0.27	21.18 -0.34 -0.29	20.78 -0.29 -0.27
HELLGATE_13_KV_LD 55870	27.16 2.31 0.00	24.72 1.96 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	25.01 2.04 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.81 2.39 -7.04	41.97 2.39 -14.68	47.13 2.36 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.16 2.31 0.00	24.72 1.96 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	25.01 2.04 0.00	26.03 2.18 -0.38	28.30 2.15 -2.73	27.01 2.23 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.00 1.91 -3.72	31.20 2.06 -7.49	33.81 2.39 -7.04	41.97 2.39 -14.68	47.13 2.36 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.18 2.06 -4.89	25.23 1.96 -2.48
HEMPSTEAD____ 23647	32.77 2.44 -5.48	31.19 2.07 -6.35	27.21 2.04 -2.53	27.28 2.01 -3.13	27.34 2.03 -3.19	30.01 2.09 -4.95	32.79 2.23 -7.09	31.45 2.30 -5.73	27.14 2.37 -1.28	26.32 2.35 -0.50	25.65 2.27 -0.45	23.27 2.01 -0.33	22.65 1.96 -0.28	22.56 2.05 0.00	22.89 2.04 -0.49	29.86 2.04 -7.45	33.91 2.19 -10.07	40.17 2.54 -13.25	42.07 2.51 -14.66	39.51 2.50 -12.47	38.25 2.51 -10.85	36.34 2.41 -10.29	33.17 2.23 -9.70	26.59 2.16 -3.63
HEWLETT__69_KV_BK3 55828	32.96 2.63 -5.48	31.37 2.25 -6.35	27.36 2.20 -2.53	27.44 2.17 -3.13	27.52 2.21 -3.19	30.24 2.32 -4.95	33.04 2.49 -7.09	31.62 2.46 -5.74	27.29 2.51 -1.28	26.46 2.49 -0.50	25.77 2.38 -0.45	23.37 2.11 -0.33	22.75 2.06 -0.28	22.65 2.13 0.00	22.99 2.14 -0.49	29.96 2.14 -7.45	34.04 2.32 -10.07	40.29 2.66 -13.25	42.25 2.69 -14.66	39.66 2.65 -12.47	38.42 2.69 -10.85	36.48 2.55 -10.29	33.26 2.31 -9.71	26.62 2.18 -3.63
HICKLING___1 23621	25.34 0.50 0.00	23.08 0.32 0.00	23.06 0.43 0.00	22.52 0.38 0.00	22.54 0.42 0.00	23.61 0.64 0.00	23.97 0.40 -0.10	24.45 0.28 -0.75	24.15 0.31 -0.35	23.82 0.21 -0.14	23.17 0.11 -0.13	21.10 0.08 -0.09	20.63 0.14 -0.08	20.84 0.33 0.00	20.60 0.24 0.00	20.98 -0.02 -0.63	22.91 0.15 -1.10	26.58 0.29 -1.90	29.33 0.37 -4.05	27.24 0.25 -2.46	26.23 0.35 -1.00	24.64 0.33 -0.67	22.21 0.25 -0.72	21.82 0.33 -0.69
HICKLING___2 23622	25.34 0.50 0.00	23.08 0.32 0.00	23.06 0.43 0.00	22.52 0.38 0.00	22.54 0.42 0.00	23.61 0.64 0.00	23.97 0.40 -0.10	24.45 0.28 -0.75	24.15 0.31 -0.35	23.82 0.21 -0.14	23.17 0.11 -0.13	21.10 0.08 -0.09	20.63 0.14 -0.08	20.84 0.33 0.00	20.60 0.24 0.00	20.98 -0.02 -0.63	22.91 0.15 -1.10	26.58 0.29 -1.90	29.33 0.37 -4.05	27.24 0.25 -2.46	26.23 0.35 -1.00	24.64 0.33 -0.67	22.21 0.25 -0.72	21.82 0.33 -0.69
HIGH FALLS___HY 23754	26.88 2.04 0.00	24.43 1.66 0.00	24.24 1.61 0.00	23.76 1.62 0.00	23.71 1.59 0.00	24.65 1.68 0.00	25.70 1.85 -0.37	27.90 1.80 -2.67	26.58 1.83 -1.26	25.72 1.76 -0.49	25.00 1.63 -0.44	22.70 1.44 -0.33	22.09 1.41 -0.27	21.93 1.42 0.00	21.76 1.40 0.00	24.01 1.41 -2.24	27.18 1.62 -3.90	33.11 1.98 -6.75	41.30 2.02 -14.38	35.20 1.94 -8.72	30.36 1.94 -3.53	27.81 1.80 -2.38	25.39 1.59 -2.56	24.69 1.46 -2.43
HILLBURN___GT 23639	26.64 1.79 0.00	24.24 1.48 0.00	24.08 1.45 0.00	23.58 1.44 0.00	23.58 1.46 0.00	24.46 1.49 0.00	25.44 1.62 -0.35	27.63 1.66 -2.54	26.45 1.76 -1.19	25.70 1.76 -0.47	25.05 1.70 -0.42	22.74 1.51 -0.31	22.16 1.49 -0.26	22.01 1.50 0.00	21.80 1.45 0.00	23.94 1.45 -2.13	26.95 1.58 -3.71	32.65 1.83 -6.43	40.40 1.79 -13.70	34.61 1.77 -8.31	30.10 1.84 -3.37	27.65 1.75 -2.27	25.28 1.61 -2.43	24.65 1.54 -2.31
HILLSIDE_115KV_TB1 80332	24.97 0.12 0.00	22.74 -0.02 0.00	22.72 0.09 0.00	22.21 0.07 0.00	22.21 0.09 0.00	23.24 0.28 0.00	23.60 0.02 -0.11	24.12 -0.07 -0.77	23.81 -0.05 -0.36	23.49 -0.12 -0.14	22.87 -0.18 -0.13	20.83 -0.19 -0.09	20.36 -0.12 -0.08	20.58 0.06 0.00	20.36 0.00 0.00	20.71 -0.31 -0.65	22.63 -0.15 -1.13	26.24 -0.10 -1.95	29.01 -0.05 -4.15	26.91 -0.15 -2.52	25.86 -0.05 -1.02	24.30 -0.02 -0.69	21.93 -0.04 -0.74	21.54 0.04 -0.70

HISHELDN_WT_PWR 323625	22.76 -2.09 0.00	20.60 -2.16 0.00	20.73 -1.90 0.00	20.30 -1.84 0.00	20.33 -1.79 0.00	21.48 -1.49 0.00	21.70 -1.83 -0.06	21.45 -2.41 -0.44	21.56 -2.14 -0.20	21.32 -2.23 -0.08	20.84 -2.16 -0.07	18.95 -2.03 -0.05	18.45 -2.00 -0.04	18.65 -1.87 0.00	18.38 -1.97 0.00	18.55 -2.18 -0.37	20.08 -2.21 -0.64	23.08 -2.41 -1.10	24.81 -2.44 -2.35	23.53 -2.43 -1.43	23.23 -2.24 -0.58	21.95 -2.08 -0.39	19.93 -1.72 -0.42	19.89 -1.31 -0.40
HOLTSVILLE_IC_1 23690	33.09 2.76 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.64 2.37 -3.13	27.72 2.41 -3.19	30.40 2.48 -4.95	33.16 2.60 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.60 2.63 -0.50	25.88 2.50 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.79 2.28 0.00	23.15 2.30 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
HOLTSVILLE_IC_10 23699	33.21 2.88 -5.48	31.64 2.53 -6.35	27.66 2.49 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.91 2.76 -5.73	27.59 2.82 -1.28	26.69 2.72 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.57 2.63 -9.70	26.99 2.56 -3.63
HOLTSVILLE_IC_2 23691	33.09 2.76 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.64 2.37 -3.13	27.72 2.41 -3.19	30.40 2.48 -4.95	33.16 2.60 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.60 2.63 -0.50	25.88 2.50 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.79 2.28 0.00	23.15 2.30 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
HOLTSVILLE_IC_3 23692	33.09 2.76 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.64 2.37 -3.13	27.72 2.41 -3.19	30.40 2.48 -4.95	33.16 2.60 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.60 2.63 -0.50	25.88 2.50 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.79 2.28 0.00	23.15 2.30 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
HOLTSVILLE_IC_4 23693	33.09 2.76 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.64 2.37 -3.13	27.72 2.41 -3.19	30.40 2.48 -4.95	33.16 2.60 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.60 2.63 -0.50	25.88 2.50 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.79 2.28 0.00	23.15 2.30 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
HOLTSVILLE_IC_5 23694	33.09 2.76 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.64 2.37 -3.13	27.72 2.41 -3.19	30.40 2.48 -4.95	33.16 2.60 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.60 2.63 -0.50	25.88 2.50 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.79 2.28 0.00	23.15 2.30 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
HOLTSVILLE_IC_6 23695	33.21 2.88 -5.48	31.64 2.53 -6.35	27.66 2.49 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.91 2.76 -5.73	27.59 2.82 -1.28	26.69 2.72 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.57 2.63 -9.70	26.99 2.56 -3.63
HOLTSVILLE_IC_7 23696	33.21 2.88 -5.48	31.64 2.53 -6.35	27.66 2.49 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.91 2.76 -5.73	27.59 2.82 -1.28	26.69 2.72 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.57 2.63 -9.70	26.99 2.56 -3.63
HOLTSVILLE_IC_8 23697	33.21 2.88 -5.48	31.64 2.53 -6.35	27.66 2.49 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.91 2.76 -5.73	27.59 2.82 -1.28	26.69 2.72 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.57 2.63 -9.70	26.99 2.56 -3.63
HOLTSVILLE_IC_9 23698	33.21 2.88 -5.48	31.64 2.53 -6.35	27.66 2.49 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.91 2.76 -5.73	27.59 2.82 -1.28	26.69 2.72 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.57 2.63 -9.70	26.99 2.56 -3.63
HOMER_HL_115KV_TB2 355744	24.18 -0.67 0.00	21.94 -0.82 0.00	22.07 -0.57 0.00	21.47 -0.66 0.00	21.45 -0.66 0.00	22.62 -0.34 0.00	21.92 -1.62 -0.07	22.06 -1.87 -0.51	21.95 -1.79 -0.24	21.69 -1.88 -0.09	21.16 -1.86 -0.09	19.25 -1.74 -0.06	18.97 -1.49 -0.05	19.86 -0.66 0.00	19.54 -0.81 0.00	18.82 -1.98 -0.43	20.47 -1.93 -0.75	23.58 -2.10 -1.29	25.54 -2.12 -2.75	24.02 -2.18 -1.67	23.65 -1.92 -0.68	22.32 -1.77 -0.45	20.24 -1.49 -0.49	20.12 -1.14 -0.46
HOWARD_WT_PWR 323690	25.54 0.69 0.00	23.22 0.46 0.00	23.18 0.54 0.00	22.69 0.55 0.00	22.72 0.60 0.00	23.75 0.78 0.00	24.10 0.54 -0.09	24.48 0.42 -0.64	24.27 0.47 -0.30	23.89 0.30 -0.12	23.22 0.18 -0.11	21.13 0.13 -0.08	20.64 0.16 -0.07	20.86 0.35 0.00	20.62 0.26 0.00	20.90 0.00 -0.54	22.83 0.24 -0.94	26.47 0.46 -1.62	28.96 0.60 -3.46	27.08 0.44 -2.10	26.26 0.52 -0.85	24.71 0.50 -0.57	22.21 0.36 -0.61	21.80 0.42 -0.58
HQ_GEN_CEDARS 23644	24.37 -0.47 0.00	22.47 -0.30 0.00	22.32 -0.32 0.00	21.78 -0.35 0.00	21.72 -0.40 0.00	22.42 -0.55 0.00	22.79 -0.68 0.00	22.86 -0.56 0.00	22.79 -0.70 0.00	22.84 -0.63 0.00	22.29 -0.64 0.00	20.32 -0.61 0.00	19.78 -0.63 0.00	19.50 -0.62 0.40	19.78 -0.57 0.01	19.82 -0.55 0.00	21.03 -0.63 0.00	20.36 -0.76 3.28	19.00 -0.77 5.13	19.87 -0.74 3.94	19.00 -0.72 5.17	19.00 -0.71 3.93	19.00 -0.57 1.66	19.00 -0.64 1.16
HQ_GEN_CEDARS_PROXY 323590	24.42 -0.42 0.00	22.47 -0.30 0.00	22.32 -0.32 0.00	21.78 -0.36 0.00	21.72 -0.40 0.00	22.42 -0.55 0.00	22.84 -0.63 0.00	22.88 -0.54 0.00	22.79 -0.70 0.00	22.84 -0.63 0.00	22.29 -0.64 0.00	20.32 -0.61 0.00	19.78 -0.63 0.00	19.50 -0.61 0.40	19.78 -0.57 0.01	19.82 -0.55 0.00	21.03 -0.63 0.00	20.36 -0.76 3.28	19.00 -0.77 5.13	19.87 -0.74 3.94	19.00 -0.72 5.17	19.00 -0.71 3.93	19.00 -0.57 1.66	19.00 -0.64 1.16

HQ_GEN_IMPORT 323601	24.42 -0.42 0.00	22.47 -0.30 0.00	22.32 -0.32 0.00	21.81 -0.33 0.00	21.79 -0.33 0.00	22.56 -0.41 0.00	23.00 -0.47 0.00	23.00 -0.42 0.00	23.00 -0.49 0.00	23.00 -0.47 0.00	22.49 -0.44 0.00	20.51 -0.42 0.00	20.00 -0.41 0.00	20.00 -0.41 0.10	19.99 -0.37 0.00	20.00 -0.37 0.00	21.22 -0.43 0.00	23.00 -0.54 0.85	23.00 -0.57 1.33	23.00 -0.52 1.02	23.00 -0.55 1.34	22.12 -0.50 1.02	20.36 -0.45 0.43	20.04 -0.46 0.30
HQ_GEN_WHEEL 23651	24.42 -0.42 0.00	22.47 -0.30 0.00	22.32 -0.32 0.00	21.81 -0.33 0.00	21.79 -0.33 0.00	22.56 -0.41 0.00	23.00 -0.47 0.00	23.00 -0.42 0.00	23.00 -0.49 0.00	23.00 -0.47 0.00	22.49 -0.44 0.00	20.51 -0.42 0.00	20.00 -0.41 0.00	20.00 -0.41 0.10	19.99 -0.37 0.00	20.00 -0.37 0.00	21.22 -0.43 0.00	23.00 -0.54 0.85	23.00 -0.57 1.33	23.00 -0.52 1.02	23.00 -0.55 1.34	22.12 -0.50 1.02	20.36 -0.45 0.43	20.04 -0.46 0.30
HUDSON_AVE_GT_3 23810	27.11 2.26 0.00	24.65 1.89 0.00	24.44 1.81 0.00	23.93 1.79 0.00	24.00 1.88 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.25 2.11 -2.73	26.98 2.21 -1.28	26.18 2.21 -0.50	25.51 2.13 -0.45	23.18 1.93 -0.33	22.91 1.90 -0.61	22.44 1.93 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.90 2.34 -14.66	35.73 2.31 -8.89	30.81 2.31 -3.60	28.30 2.22 -2.44	25.88 2.02 -2.63	25.17 1.89 -2.48
HUDSON_AVE_GT_4 23540	27.11 2.26 0.00	24.65 1.89 0.00	24.44 1.81 0.00	23.93 1.79 0.00	24.00 1.88 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.25 2.11 -2.73	26.98 2.21 -1.28	26.18 2.21 -0.50	25.51 2.13 -0.45	23.18 1.93 -0.33	22.91 1.90 -0.61	22.44 1.93 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.90 2.34 -14.66	35.73 2.31 -8.89	30.81 2.31 -3.60	28.30 2.22 -2.44	25.88 2.02 -2.63	25.17 1.89 -2.48
HUDSON_AVE_GT_5 23657	27.11 2.26 0.00	24.65 1.89 0.00	24.44 1.81 0.00	23.93 1.79 0.00	24.00 1.88 0.00	24.94 1.98 0.00	25.98 2.14 -0.38	28.25 2.11 -2.73	26.98 2.21 -1.28	26.18 2.21 -0.50	25.51 2.13 -0.45	23.18 1.93 -0.33	22.91 1.90 -0.61	22.44 1.93 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.90 2.34 -14.66	35.73 2.31 -8.89	30.81 2.31 -3.60	28.30 2.22 -2.44	25.88 2.02 -2.63	25.17 1.89 -2.48
HUDSON_AVE_10 24168	27.06 2.21 0.00	24.63 1.87 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.96 2.11 -0.38	28.25 2.11 -2.73	26.98 2.21 -1.28	26.15 2.18 -0.50	25.51 2.13 -0.45	23.16 1.90 -0.33	22.91 1.90 -0.61	22.42 1.91 0.00	22.23 1.87 0.00	24.53 1.87 -2.30	27.64 2.01 -3.97	33.58 2.32 -6.88	41.90 2.34 -14.66	35.73 2.31 -8.89	30.81 2.31 -3.60	28.30 2.22 -2.44	25.86 2.00 -2.63	25.15 1.87 -2.48
HUDSON___115KV_TB 4 355613	26.39 1.54 0.00	24.15 1.39 0.00	24.01 1.38 0.00	23.53 1.39 0.00	23.42 1.30 0.00	24.30 1.33 0.00	25.23 1.31 -0.45	27.97 1.33 -3.21	26.34 1.34 -1.51	25.35 1.29 -0.59	24.70 1.24 -0.53	22.49 1.17 -0.39	21.86 1.12 -0.33	21.64 1.13 0.00	21.50 1.14 0.00	24.13 1.08 -2.68	27.52 1.19 -4.67	33.82 1.34 -8.09	43.61 1.47 -17.23	36.39 1.40 -10.45	30.54 1.42 -4.24	27.79 1.30 -2.85	25.48 1.17 -3.08	24.91 1.19 -2.92
HUNTER MOUNT___DRP 323613	26.54 1.69 0.00	24.29 1.53 0.00	24.17 1.54 0.00	23.69 1.55 0.00	23.53 1.42 0.00	24.39 1.42 0.00	25.22 1.31 -0.43	27.88 1.33 -3.13	26.30 1.34 -1.47	25.29 1.24 -0.57	24.64 1.19 -0.52	22.48 1.17 -0.38	21.83 1.10 -0.32	21.64 1.13 0.00	21.50 1.14 0.00	24.01 1.04 -2.61	27.37 1.17 -4.55	33.60 1.34 -7.87	43.20 1.52 -16.78	36.14 1.42 -10.17	30.43 1.42 -4.12	27.66 1.25 -2.77	25.33 1.10 -2.99	24.79 1.14 -2.84
HUNTINGTON_RES_REC 323705	32.99 2.66 -5.48	31.41 2.30 -6.35	27.43 2.26 -2.53	27.50 2.24 -3.13	27.56 2.26 -3.19	30.24 2.32 -4.95	33.02 2.46 -7.09	31.66 2.51 -5.73	27.36 2.58 -1.28	26.48 2.51 -0.50	25.79 2.41 -0.45	23.37 2.11 -0.33	22.77 2.08 -0.28	22.71 2.20 0.00	23.05 2.20 -0.49	30.04 2.22 -7.45	34.17 2.45 -10.07	40.44 2.80 -13.25	42.35 2.79 -14.66	39.78 2.77 -12.47	38.55 2.81 -10.85	36.63 2.69 -10.30	33.34 2.40 -9.70	26.76 2.33 -3.63
HUNTLEY___63 23557	23.06 -1.79 0.00	20.92 -1.84 0.00	21.16 -1.47 0.00	20.48 -1.66 0.00	20.48 -1.64 0.00	21.66 -1.31 0.00	21.96 -1.57 -0.06	21.86 -1.99 -0.43	21.79 -1.90 -0.20	21.58 -1.97 -0.08	21.10 -1.90 -0.07	19.20 -1.78 -0.05	18.68 -1.78 -0.04	18.77 -1.74 0.00	18.51 -1.85 0.00	18.81 -1.91 -0.36	20.40 -1.88 -0.62	23.37 -2.10 -1.08	25.14 -2.07 -2.30	23.82 -2.11 -1.40	23.46 -1.99 -0.57	22.15 -1.87 -0.38	20.14 -1.51 -0.41	20.21 -0.98 -0.39
HUNTLEY___64 23558	23.06 -1.79 0.00	20.92 -1.84 0.00	21.16 -1.47 0.00	20.48 -1.66 0.00	20.48 -1.64 0.00	21.66 -1.31 0.00	21.96 -1.57 -0.06	21.86 -1.99 -0.43	21.79 -1.90 -0.20	21.58 -1.97 -0.08	21.10 -1.90 -0.07	19.20 -1.78 -0.05	18.68 -1.78 -0.04	18.77 -1.74 0.00	18.51 -1.85 0.00	18.81 -1.91 -0.36	20.40 -1.88 -0.62	23.37 -2.10 -1.08	25.14 -2.07 -2.30	23.82 -2.11 -1.40	23.46 -1.99 -0.57	22.15 -1.87 -0.38	20.14 -1.51 -0.41	20.21 -0.98 -0.39
HUNTLEY___65 23559	23.06 -1.79 0.00	20.92 -1.84 0.00	21.16 -1.47 0.00	20.48 -1.66 0.00	20.48 -1.64 0.00	21.66 -1.31 0.00	21.96 -1.57 -0.06	21.86 -1.99 -0.43	21.79 -1.90 -0.20	21.58 -1.97 -0.08	21.10 -1.90 -0.07	19.20 -1.78 -0.05	18.68 -1.78 -0.04	18.77 -1.74 0.00	18.51 -1.85 0.00	18.81 -1.91 -0.36	20.40 -1.88 -0.62	23.37 -2.10 -1.08	25.14 -2.07 -2.30	23.82 -2.11 -1.40	23.46 -1.99 -0.57	22.15 -1.87 -0.38	20.14 -1.51 -0.41	20.21 -0.98 -0.39
HUNTLEY___66 23560	23.06 -1.79 0.00	20.92 -1.84 0.00	21.16 -1.47 0.00	20.48 -1.66 0.00	20.48 -1.64 0.00	21.66 -1.31 0.00	21.96 -1.57 -0.06	21.86 -1.99 -0.43	21.79 -1.90 -0.20	21.58 -1.97 -0.08	21.10 -1.90 -0.07	19.20 -1.78 -0.05	18.68 -1.78 -0.04	18.77 -1.74 0.00	18.51 -1.85 0.00	18.81 -1.91 -0.36	20.40 -1.88 -0.62	23.37 -2.10 -1.08	25.14 -2.07 -2.30	23.82 -2.11 -1.40	23.46 -1.99 -0.57	22.15 -1.87 -0.38	20.14 -1.51 -0.41	20.21 -0.98 -0.39
HUNTLEY___67 23561	23.03 -1.81 0.00	20.92 -1.84 0.00	21.14 -1.49 0.00	20.46 -1.68 0.00	20.46 -1.66 0.00	21.61 -1.36 0.00	21.91 -1.62 -0.06	21.82 -2.04 -0.43	21.77 -1.93 -0.20	21.55 -1.99 -0.08	21.07 -1.93 -0.07	19.18 -1.80 -0.05	18.66 -1.80 -0.04	18.79 -1.72 0.00	18.53 -1.83 0.00	18.79 -1.93 -0.36	20.36 -1.93 -0.63	23.33 -2.15 -1.09	25.11 -2.12 -2.33	23.77 -2.18 -1.41	23.42 -2.04 -0.57	22.13 -1.89 -0.38	20.14 -1.51 -0.41	20.17 -1.02 -0.39
HUNTLEY___68 23562	23.03 -1.81 0.00	20.92 -1.84 0.00	21.14 -1.49 0.00	20.46 -1.68 0.00	20.46 -1.66 0.00	21.61 -1.36 0.00	21.91 -1.62 -0.06	21.82 -2.04 -0.43	21.77 -1.93 -0.20	21.55 -1.99 -0.08	21.07 -1.93 -0.07	19.18 -1.80 -0.05	18.66 -1.80 -0.04	18.79 -1.72 0.00	18.53 -1.83 0.00	18.79 -1.93 -0.36	20.36 -1.93 -0.63	23.33 -2.15 -1.09	25.11 -2.12 -2.33	23.77 -2.18 -1.41	23.42 -2.04 -0.57	22.13 -1.89 -0.38	20.14 -1.51 -0.41	20.17 -1.02 -0.39

HYLAND___LFGE 323620	25.57 0.72 0.00	23.17 0.41 0.00	23.15 0.52 0.00	22.67 0.53 0.00	22.74 0.62 0.00	23.86 0.89 0.00	24.51 0.96 -0.08	24.67 0.70 -0.55	24.48 0.73 -0.26	24.06 0.49 -0.10	23.30 0.28 -0.09	21.16 0.17 -0.07	20.59 0.12 -0.06	20.62 0.10 0.00	20.42 0.06 0.00	21.01 0.18 -0.46	23.08 0.63 -0.80	26.77 1.00 -1.38	29.02 1.17 -2.95	27.33 1.01 -1.79	26.71 1.09 -0.72	25.09 0.97 -0.49	22.44 0.68 -0.52	22.05 0.75 -0.50
INDECK___CORINTH 23802	25.77 0.92 0.00	23.54 0.77 0.00	23.40 0.77 0.00	22.93 0.80 0.00	22.85 0.73 0.00	23.77 0.80 0.00	24.79 0.84 -0.47	27.76 0.96 -3.38	26.02 0.94 -1.59	25.03 0.94 -0.62	24.43 0.94 -0.56	22.18 0.84 -0.42	21.53 0.78 -0.35	21.25 0.74 0.00	21.07 0.71 0.00	23.97 0.77 -2.83	27.50 0.91 -4.94	33.96 1.02 -8.55	44.24 1.12 -18.21	36.66 1.08 -11.05	30.53 1.17 -4.48	27.67 1.02 -3.01	25.28 0.81 -3.24	24.64 0.77 -3.07
INDECK___ILION 23567	25.32 0.47 0.00	23.17 0.41 0.00	23.04 0.41 0.00	22.54 0.40 0.00	22.54 0.42 0.00	23.41 0.44 0.00	23.92 0.45 0.00	23.84 0.42 0.00	23.92 0.42 0.00	23.89 0.42 0.00	23.30 0.37 0.00	21.26 0.33 0.00	20.71 0.31 0.00	20.84 0.31 -0.02	20.62 0.26 0.00	20.63 0.26 0.00	21.94 0.28 0.00	24.95 0.39 -0.18	25.55 0.37 -0.28	25.09 0.34 -0.21	25.49 0.32 -0.28	24.16 0.31 -0.21	21.60 0.28 -0.09	21.11 0.25 -0.06
INDECK___OLEAN 23982	23.93 -0.92 0.00	21.79 -0.98 0.00	21.86 -0.77 0.00	21.41 -0.73 0.00	21.43 -0.69 0.00	22.58 -0.39 0.00	21.87 -1.67 -0.07	21.94 -1.99 -0.51	21.95 -1.79 -0.24	21.68 -1.88 -0.09	21.16 -1.86 -0.09	19.25 -1.74 -0.06	18.97 -1.49 -0.05	19.86 -0.66 0.00	19.54 -0.81 0.00	18.82 -1.98 -0.43	20.45 -1.95 -0.75	23.58 -2.10 -1.29	25.46 -2.19 -2.75	24.02 -2.18 -1.67	23.62 -1.94 -0.68	22.32 -1.77 -0.45	20.22 -1.51 -0.49	20.06 -1.21 -0.46
INDECK___OSWEGO 23783	24.03 -0.82 0.00	21.95 -0.82 0.00	21.84 -0.79 0.00	21.39 -0.75 0.00	21.39 -0.73 0.00	22.28 -0.69 0.00	22.87 -0.63 -0.04	22.97 -0.70 -0.26	22.96 -0.66 -0.12	22.83 -0.68 -0.05	22.28 -0.69 -0.04	20.35 -0.61 -0.03	19.86 -0.57 -0.03	19.89 -0.61 0.01	19.73 -0.63 0.00	19.97 -0.61 -0.21	21.42 -0.61 -0.37	24.30 -0.63 -0.55	25.53 -0.60 -1.23	24.62 -0.64 -0.72	24.43 -0.65 -0.18	23.11 -0.64 -0.11	20.84 -0.59 -0.20	20.44 -0.56 -0.20
INDECK___YERKES 23781	22.91 -1.94 0.00	20.74 -2.03 0.00	20.85 -1.79 0.00	20.41 -1.73 0.00	20.48 -1.64 0.00	21.66 -1.31 0.00	21.98 -1.55 -0.06	21.72 -2.13 -0.43	21.81 -1.88 -0.20	21.60 -1.95 -0.08	21.10 -1.90 -0.07	19.20 -1.78 -0.05	18.68 -1.78 -0.04	18.79 -1.72 0.00	18.53 -1.83 0.00	18.81 -1.92 -0.36	20.37 -1.91 -0.62	23.39 -2.07 -1.08	25.09 -2.12 -2.30	23.82 -2.11 -1.40	23.49 -1.97 -0.57	22.17 -1.84 -0.38	20.14 -1.51 -0.41	20.07 -1.12 -0.39
INDIAN POINT_GT_1 24139	26.73 1.89 0.00	24.36 1.59 0.00	24.17 1.54 0.00	23.69 1.55 0.00	23.69 1.57 0.00	24.62 1.65 0.00	25.65 1.81 -0.37	27.89 1.78 -2.69	26.64 1.88 -1.26	25.84 1.88 -0.49	25.19 1.81 -0.45	22.87 1.61 -0.33	22.28 1.59 -0.28	22.13 1.62 0.00	21.93 1.57 0.00	24.18 1.57 -2.25	27.26 1.69 -3.92	33.12 1.95 -6.78	41.32 1.97 -14.45	35.24 1.94 -8.76	30.41 1.97 -3.55	27.92 1.89 -2.39	25.51 1.70 -2.57	24.82 1.58 -2.44
INDIAN POINT_GT_2 23659	26.73 1.89 0.00	24.36 1.59 0.00	24.17 1.54 0.00	23.69 1.55 0.00	23.69 1.57 0.00	24.62 1.65 0.00	25.65 1.81 -0.37	27.89 1.78 -2.69	26.64 1.88 -1.26	25.84 1.88 -0.49	25.19 1.81 -0.45	22.87 1.61 -0.33	22.28 1.59 -0.28	22.13 1.62 0.00	21.93 1.57 0.00	24.18 1.57 -2.25	27.26 1.69 -3.92	33.12 1.95 -6.78	41.32 1.97 -14.45	35.24 1.94 -8.76	30.41 1.97 -3.55	27.92 1.89 -2.39	25.51 1.70 -2.57	24.82 1.58 -2.44
INDIAN POINT_GT_3 24019	26.73 1.89 0.00	24.36 1.59 0.00	24.17 1.54 0.00	23.69 1.55 0.00	23.69 1.57 0.00	24.62 1.65 0.00	25.65 1.81 -0.37	27.89 1.78 -2.69	26.64 1.88 -1.26	25.84 1.88 -0.49	25.19 1.81 -0.45	22.87 1.61 -0.33	22.28 1.59 -0.28	22.13 1.62 0.00	21.93 1.57 0.00	24.18 1.57 -2.25	27.26 1.69 -3.92	33.12 1.95 -6.78	41.32 1.97 -14.45	35.24 1.94 -8.76	30.41 1.97 -3.55	27.92 1.89 -2.39	25.51 1.70 -2.57	24.82 1.58 -2.44
INDIAN POINT___2 23530	26.66 1.81 0.00	24.27 1.50 0.00	24.10 1.47 0.00	23.60 1.46 0.00	23.60 1.48 0.00	24.48 1.52 0.00	25.48 1.64 -0.36	27.74 1.71 -2.61	26.51 1.78 -1.23	25.73 1.78 -0.48	25.08 1.72 -0.44	22.79 1.55 -0.32	22.21 1.53 -0.27	22.05 1.54 0.00	21.84 1.49 0.00	24.04 1.49 -2.19	27.10 1.63 -3.81	32.84 1.85 -6.61	40.82 1.84 -14.07	34.89 1.82 -8.54	30.21 1.87 -3.46	27.76 1.80 -2.33	25.37 1.64 -2.50	24.76 1.58 -2.38
INDIAN POINT___3 23531	26.81 1.96 0.00	24.43 1.66 0.00	24.24 1.61 0.00	23.73 1.59 0.00	23.75 1.64 0.00	24.69 1.72 0.00	25.73 1.88 -0.38	28.00 1.85 -2.73	26.73 1.95 -1.28	25.90 1.92 -0.50	25.26 1.88 -0.45	22.93 1.67 -0.34	22.34 1.65 -0.28	22.20 1.68 0.00	21.99 1.63 0.00	24.28 1.63 -2.29	27.39 1.75 -3.98	33.33 2.05 -6.90	41.65 2.04 -14.70	35.47 2.01 -8.91	30.54 2.04 -3.61	28.01 1.94 -2.43	25.61 1.76 -2.62	24.95 1.66 -2.49
INGHAM_C_115KV_TB7 356103	25.37 0.52 0.00	23.26 0.50 0.00	23.15 0.52 0.00	22.65 0.51 0.00	22.65 0.53 0.00	23.50 0.53 0.00	23.96 0.49 0.00	23.87 0.44 0.00	23.94 0.45 0.00	23.89 0.42 0.00	23.27 0.34 0.00	21.20 0.27 0.00	20.65 0.24 0.00	20.76 0.23 -0.02	20.50 0.14 0.00	20.51 0.14 0.00	21.83 0.17 0.00	24.83 0.27 -0.18	25.43 0.25 -0.28	24.95 0.20 -0.21	25.32 0.15 -0.28	24.01 0.17 -0.21	21.47 0.15 -0.09	20.99 0.12 -0.06
IP CORINTH___1 23988	25.91 1.07 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.02 0.89 0.00	22.94 0.82 0.00	23.89 0.92 0.00	24.93 0.99 -0.47	27.93 1.10 -3.41	26.18 1.08 -1.60	25.15 1.06 -0.63	24.57 1.08 -0.56	22.28 0.94 -0.42	21.63 0.88 -0.35	21.38 0.86 0.00	21.19 0.83 0.00	24.07 0.88 -2.83	27.63 1.04 -4.94	34.08 1.15 -8.55	44.39 1.27 -18.21	36.79 1.20 -11.05	30.68 1.32 -4.48	27.81 1.16 -3.01	25.43 0.93 -3.26	24.77 0.87 -3.10
IP___TICONDEROGA 23804	26.98 2.14 0.00	24.59 1.82 0.00	24.47 1.83 0.00	23.98 1.84 0.00	23.87 1.75 0.00	24.90 1.93 0.00	25.94 1.99 -0.47	28.95 2.13 -3.40	27.18 2.09 -1.60	26.14 2.04 -0.63	25.55 2.06 -0.56	23.16 1.82 -0.42	22.43 1.67 -0.35	22.15 1.64 0.00	21.93 1.57 0.00	24.84 1.65 -2.83	28.51 1.93 -4.93	35.07 2.15 -8.53	45.45 2.37 -18.18	37.85 2.28 -11.03	31.82 2.46 -4.47	28.82 2.17 -3.01	26.25 1.76 -3.26	25.58 1.68 -3.09
ISLIP_RES_REC 323679	33.34 3.01 -5.48	31.76 2.64 -6.35	27.77 2.60 -2.53	27.86 2.59 -3.13	27.92 2.61 -3.19	30.63 2.71 -4.95	33.40 2.84 -7.09	32.03 2.88 -5.73	27.69 2.91 -1.28	26.76 2.79 -0.50	26.04 2.66 -0.45	23.60 2.34 -0.33	22.97 2.29 -0.28	22.95 2.44 0.00	23.31 2.46 -0.49	30.30 2.48 -7.45	34.50 2.77 -10.07	40.88 3.24 -13.25	42.77 3.21 -14.66	40.20 3.19 -12.47	38.95 3.21 -10.85	37.01 3.07 -10.30	33.66 2.72 -9.70	27.07 2.64 -3.63

JAMAICA__27_KV_LOAD 355505	27.26 2.41 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.15 2.03 0.00	25.10 2.14 0.00	26.17 2.32 -0.38	28.51 2.37 -2.73	27.24 2.47 -1.28	26.39 2.42 -0.50	25.77 2.38 -0.45	23.39 2.13 -0.33	23.14 2.12 -0.61	22.63 2.11 0.00	22.45 2.10 0.00	24.76 2.10 -2.30	27.90 2.27 -3.97	33.90 2.63 -6.88	42.23 2.66 -14.66	36.05 2.63 -8.89	31.13 2.64 -3.60	28.58 2.51 -2.44	26.07 2.21 -2.63	25.38 2.10 -2.48
JANIS__SOLAR 323808	26.19 1.34 0.00	23.90 1.14 0.00	23.79 1.15 0.00	23.25 1.11 0.00	23.31 1.19 0.00	24.32 1.35 0.00	24.94 1.36 -0.11	25.51 1.31 -0.78	25.10 1.24 -0.36	24.74 1.13 -0.14	24.00 0.94 -0.13	21.86 0.84 -0.10	21.28 0.80 -0.08	21.29 0.78 0.00	21.11 0.75 0.00	21.77 0.75 -0.65	23.85 1.06 -1.13	27.84 1.49 -1.96	30.70 1.62 -4.18	28.52 1.45 -2.54	27.41 1.49 -1.03	25.60 1.28 -0.69	23.00 1.02 -0.74	22.52 1.02 -0.71
JARVIS____ 23743	25.15 0.30 0.00	23.01 0.25 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.34 0.22 0.00	23.22 0.25 0.00	23.73 0.26 0.00	23.68 0.26 0.00	23.78 0.28 0.00	23.73 0.26 0.00	23.18 0.25 0.00	21.15 0.23 0.00	20.63 0.22 0.00	20.76 0.23 -0.02	20.58 0.22 0.00	20.59 0.22 0.00	21.90 0.24 0.00	24.86 0.29 -0.18	25.48 0.30 -0.28	25.05 0.30 -0.21	25.47 0.30 -0.28	24.11 0.26 -0.21	21.56 0.23 -0.09	21.09 0.23 -0.06
JENNISON____1 23625	26.66 1.81 0.00	24.31 1.55 0.00	24.20 1.56 0.00	23.60 1.46 0.00	23.71 1.59 0.00	24.71 1.75 0.00	25.34 1.74 -0.14	26.13 1.73 -0.98	25.62 1.67 -0.46	25.27 1.62 -0.18	24.56 1.47 -0.16	22.36 1.32 -0.12	21.77 1.27 -0.10	21.79 1.27 0.00	21.56 1.20 0.00	22.33 1.14 -0.82	24.47 1.39 -1.43	28.71 1.85 -2.47	32.12 1.94 -5.27	29.53 1.79 -3.20	28.05 1.87 -1.30	26.14 1.63 -0.87	23.53 1.36 -0.94	23.04 1.35 -0.89
JENNISON____2 23626	26.66 1.81 0.00	24.31 1.55 0.00	24.20 1.56 0.00	23.60 1.46 0.00	23.71 1.59 0.00	24.71 1.75 0.00	25.34 1.74 -0.14	26.13 1.73 -0.98	25.62 1.67 -0.46	25.27 1.62 -0.18	24.56 1.47 -0.16	22.36 1.32 -0.12	21.77 1.27 -0.10	21.79 1.27 0.00	21.56 1.20 0.00	22.33 1.14 -0.82	24.47 1.39 -1.43	28.71 1.85 -2.47	32.12 1.94 -5.27	29.53 1.79 -3.20	28.05 1.87 -1.30	26.14 1.63 -0.87	23.53 1.36 -0.94	23.04 1.35 -0.89
JERICOHO_RISE_WT_PWR 323719	24.47 -0.37 0.00	22.56 -0.21 0.00	22.43 -0.20 0.00	21.94 -0.20 0.00	21.87 -0.24 0.00	22.56 -0.41 0.00	22.91 -0.56 0.00	22.88 -0.54 0.00	22.72 -0.77 0.00	22.74 -0.73 0.00	22.15 -0.78 0.00	20.13 -0.80 0.00	19.57 -0.84 0.00	19.20 -0.90 0.41	19.48 -0.87 0.01	19.53 -0.84 0.00	20.75 -0.91 0.00	19.85 -1.12 3.41	18.36 -1.19 5.35	19.26 -1.18 4.10	18.26 -1.24 5.38	18.34 -1.20 4.09	18.40 -1.11 1.73	18.54 -1.06 1.20
KATONAH__115KV_46KV_TB4 355592	26.98 2.14 0.00	24.54 1.78 0.00	24.38 1.74 0.00	23.87 1.73 0.00	23.84 1.73 0.00	24.78 1.81 0.00	25.82 1.97 -0.38	28.17 1.99 -2.75	26.88 2.09 -1.29	26.06 2.09 -0.51	25.43 2.04 -0.46	23.08 1.82 -0.34	22.49 1.80 -0.28	22.30 1.78 0.00	22.11 1.75 0.00	24.42 1.75 -2.30	27.58 1.91 -4.01	33.56 2.22 -6.95	41.96 2.24 -14.81	35.73 2.21 -8.98	30.77 2.24 -3.64	28.21 2.13 -2.45	25.74 1.87 -2.64	25.05 1.75 -2.51
KCE_NY_1 323755	26.36 1.52 0.00	24.11 1.34 0.00	23.97 1.34 0.00	23.47 1.33 0.00	23.40 1.28 0.00	24.35 1.38 0.00	25.35 1.41 -0.47	28.31 1.52 -3.36	26.60 1.53 -1.58	25.61 1.52 -0.62	25.00 1.51 -0.56	22.70 1.36 -0.41	22.06 1.31 -0.35	21.81 1.29 0.00	21.62 1.26 0.00	24.47 1.28 -2.82	28.00 1.43 -4.91	34.51 1.61 -8.51	44.75 1.72 -18.13	37.20 1.67 -11.00	31.09 1.74 -4.45	28.24 1.61 -3.00	25.83 1.38 -3.22	25.21 1.35 -3.06
KCE_NY_6_ESR 323823	23.18 -1.66 0.00	21.03 -1.73 0.00	21.12 -1.52 0.00	20.70 -1.44 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	22.01 -1.53 -0.06	21.78 -2.08 -0.45	21.87 -1.83 -0.21	21.65 -1.90 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.78 -1.67 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.42 -1.88 -0.65	23.47 -2.05 -1.13	25.24 -2.07 -2.41	23.94 -2.06 -1.46	23.56 -1.92 -0.59	22.26 -1.77 -0.40	20.20 -1.46 -0.43	20.12 -1.08 -0.41
KEDC_PORT_JEFF_GT2 24210	33.19 2.86 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.75 2.48 -3.13	27.81 2.50 -3.19	30.49 2.57 -4.95	33.25 2.70 -7.09	31.91 2.76 -5.73	27.57 2.79 -1.28	26.67 2.70 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.87 2.36 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.62 3.06 -14.66	40.05 3.04 -12.47	38.80 3.06 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.70	26.97 2.54 -3.63
KEDC_PORT_JEFF_GT3 24211	33.19 2.86 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.75 2.48 -3.13	27.81 2.50 -3.19	30.49 2.57 -4.95	33.25 2.70 -7.09	31.91 2.76 -5.73	27.57 2.79 -1.28	26.67 2.70 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.87 2.36 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.62 3.06 -14.66	40.05 3.04 -12.47	38.80 3.06 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.70	26.97 2.54 -3.63
KEDC_GLWD_GT4 24219	32.89 2.56 -5.48	31.30 2.19 -6.35	27.32 2.15 -2.53	27.37 2.10 -3.13	27.43 2.12 -3.19	30.12 2.21 -4.95	32.88 2.32 -7.09	31.54 2.39 -5.73	27.26 2.49 -1.28	26.41 2.44 -0.50	25.74 2.36 -0.45	23.35 2.09 -0.33	22.73 2.04 -0.28	22.65 2.13 0.00	22.97 2.12 -0.49	29.94 2.12 -7.45	34.00 2.27 -10.07	40.27 2.63 -13.25	42.20 2.64 -14.66	39.61 2.60 -12.47	38.37 2.64 -10.85	36.43 2.50 -10.29	33.23 2.29 -9.70	26.66 2.23 -3.63
KEDC_GLWD_GT5 24220	32.89 2.56 -5.48	31.30 2.19 -6.35	27.32 2.15 -2.53	27.37 2.10 -3.13	27.43 2.12 -3.19	30.12 2.21 -4.95	32.88 2.32 -7.09	31.54 2.39 -5.73	27.26 2.49 -1.28	26.41 2.44 -0.50	25.74 2.36 -0.45	23.35 2.09 -0.33	22.73 2.04 -0.28	22.65 2.13 0.00	22.97 2.12 -0.49	29.94 2.12 -7.45	34.00 2.27 -10.07	40.27 2.63 -13.25	42.20 2.64 -14.66	39.61 2.60 -12.47	38.37 2.64 -10.85	36.43 2.50 -10.29	33.23 2.29 -9.70	26.66 2.23 -3.63
KENSICO____ 23655	26.86 2.01 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.04 1.90 -2.72	26.75 1.97 -1.28	25.94 1.97 -0.50	25.28 1.90 -0.45	22.97 1.72 -0.33	22.38 1.69 -0.28	22.24 1.72 0.00	22.03 1.67 0.00	24.31 1.67 -2.28	27.42 1.80 -3.97	33.33 2.07 -6.87	41.63 2.09 -14.64	35.48 2.06 -8.88	30.58 2.09 -3.60	28.04 1.99 -2.42	25.65 1.80 -2.61	24.96 1.68 -2.48
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.86 2.01 0.00	24.40 1.64 0.00	24.24 1.61 0.00	23.76 1.62 0.00	23.69 1.57 0.00	24.62 1.65 0.00	25.63 1.81 -0.35	27.73 1.78 -2.53	26.49 1.81 -1.19	25.65 1.71 -0.47	24.95 1.60 -0.42	22.66 1.42 -0.31	22.04 1.37 -0.26	21.91 1.39 0.00	21.74 1.38 0.00	23.87 1.38 -2.12	26.95 1.60 -3.69	32.73 1.95 -6.40	40.52 1.99 -13.63	34.72 1.91 -8.26	30.15 1.92 -3.35	27.66 1.77 -2.25	25.23 1.57 -2.43	24.54 1.44 -2.31

KIAC_JFK_GT1 23816	27.16 2.31 0.00	24.74 1.98 0.00	24.53 1.90 0.00	24.00 1.86 0.00	24.09 1.97 0.00	25.04 2.07 0.00	26.10 2.25 -0.38	28.42 2.27 -2.73	27.15 2.37 -1.28	26.32 2.35 -0.50	25.70 2.32 -0.45	23.33 2.07 -0.33	23.08 2.06 -0.61	22.56 2.05 0.00	22.39 2.04 0.00	24.68 2.02 -2.30	27.82 2.19 -3.97	33.80 2.54 -6.88	42.15 2.59 -14.66	35.96 2.53 -8.89	31.03 2.54 -3.60	28.49 2.41 -2.44	26.00 2.14 -2.63	25.30 2.02 -2.48
KIAC_JFK_GT2 23817	27.16 2.31 0.00	24.74 1.98 0.00	24.53 1.90 0.00	24.00 1.86 0.00	24.09 1.97 0.00	25.04 2.07 0.00	26.10 2.25 -0.38	28.42 2.27 -2.73	27.15 2.37 -1.28	26.32 2.35 -0.50	25.70 2.32 -0.45	23.33 2.07 -0.33	23.08 2.06 -0.61	22.56 2.05 0.00	22.39 2.04 0.00	24.68 2.02 -2.30	27.82 2.19 -3.97	33.80 2.54 -6.88	42.15 2.59 -14.66	35.96 2.53 -8.89	31.03 2.54 -3.60	28.49 2.41 -2.44	26.00 2.14 -2.63	25.30 2.02 -2.48
KIAC_JFK____ 323774	27.16 2.31 0.00	24.74 1.98 0.00	24.54 1.90 0.00	24.00 1.86 0.00	24.02 1.90 0.00	24.94 1.98 0.00	26.01 2.16 -0.39	28.41 2.27 -2.72	27.14 2.37 -1.28	26.32 2.35 -0.50	25.70 2.31 -0.45	23.33 2.07 -0.33	23.07 2.06 -0.61	22.56 2.05 0.00	22.39 2.04 0.00	24.68 2.02 -2.30	27.82 2.19 -3.97	33.80 2.54 -6.88	42.13 2.57 -14.66	35.96 2.53 -8.89	31.03 2.54 -3.60	28.49 2.41 -2.44	26.00 2.14 -2.62	25.37 2.10 -2.47
KINTIGH____ 23543	23.01 -1.84 0.00	20.92 -1.84 0.00	21.09 -1.54 0.00	20.46 -1.68 0.00	20.46 -1.66 0.00	21.57 -1.40 0.00	22.28 -1.24 -0.05	22.22 -1.59 -0.39	22.18 -1.50 -0.18	21.97 -1.57 -0.07	21.46 -1.54 -0.07	19.57 -1.40 -0.05	18.98 -1.47 -0.04	18.85 -1.66 0.00	18.61 -1.75 0.00	19.17 -1.53 -0.33	20.73 -1.49 -0.57	23.70 -1.68 -0.99	25.40 -1.62 -2.11	24.13 -1.69 -1.28	23.82 -1.59 -0.52	22.50 -1.49 -0.35	20.42 -1.19 -0.38	20.37 -0.79 -0.36
KNTFSRNC_46_KV_46KV_LOAD 80397	24.92 0.07 0.00	23.01 0.25 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.32 0.20 0.00	22.99 0.02 0.00	23.30 -0.16 0.00	23.33 -0.09 0.00	23.12 -0.38 0.00	23.19 -0.28 0.00	22.54 -0.39 0.00	20.48 -0.44 0.00	19.92 -0.49 0.00	19.50 -0.59 0.42	19.80 -0.55 0.01	19.86 -0.51 0.00	21.14 -0.52 0.00	20.22 -0.71 3.46	18.73 -0.75 5.43	19.64 -0.74 4.16	18.60 -0.82 5.46	18.65 -0.83 4.15	18.67 -0.81 1.76	18.81 -0.77 1.22
LACHUTE____HYDRO 323717	26.96 2.11 0.00	24.59 1.82 0.00	24.49 1.86 0.00	24.00 1.86 0.00	23.89 1.77 0.00	24.90 1.93 0.00	25.91 1.97 -0.47	28.93 2.13 -3.37	27.17 2.09 -1.59	26.13 2.04 -0.62	25.55 2.06 -0.56	23.16 1.82 -0.42	22.43 1.67 -0.35	22.16 1.64 0.00	21.93 1.57 0.00	24.84 1.65 -2.83	28.51 1.93 -4.93	35.07 2.15 -8.53	45.47 2.39 -18.18	37.85 2.28 -11.03	31.82 2.46 -4.47	28.82 2.17 -3.01	26.23 1.76 -3.23	25.57 1.71 -3.07
LAWRNCALV_115KV_TB1 80681	24.13 -0.72 0.00	22.24 -0.52 0.00	22.09 -0.54 0.00	21.52 -0.62 0.00	21.45 -0.66 0.00	22.05 -0.92 0.00	22.44 -1.03 0.00	22.51 -0.91 0.00	22.41 -1.08 0.00	22.48 -0.99 0.00	21.94 -0.99 0.00	20.00 -0.92 0.00	19.45 -0.96 0.00	19.22 -0.94 0.35	19.44 -0.92 0.01	19.49 -0.88 0.00	20.70 -0.95 0.00	20.40 -1.10 2.89	19.26 -1.12 4.53	19.99 -1.08 3.47	19.24 -1.10 4.56	19.08 -1.09 3.47	18.88 -0.89 1.47	18.82 -0.96 1.02
LEDERLE____ 23769	26.83 1.99 0.00	24.43 1.66 0.00	24.26 1.63 0.00	23.76 1.62 0.00	23.75 1.64 0.00	24.69 1.72 0.00	25.71 1.88 -0.37	27.93 1.87 -2.63	26.68 1.95 -1.24	25.88 1.92 -0.48	25.22 1.86 -0.44	22.92 1.67 -0.32	22.31 1.63 -0.27	22.18 1.66 0.00	21.97 1.61 0.00	24.18 1.61 -2.20	27.25 1.75 -3.84	33.05 2.02 -6.64	41.10 2.04 -14.15	35.13 2.01 -8.58	30.41 2.04 -3.48	27.92 1.94 -2.34	25.52 1.76 -2.52	24.84 1.64 -2.39
LIGHTHSE_115KV_TB6 355974	24.37 -0.47 0.00	22.26 -0.50 0.00	22.16 -0.48 0.00	21.70 -0.44 0.00	21.68 -0.44 0.00	22.56 -0.41 0.00	23.15 -0.35 -0.03	23.24 -0.42 -0.24	23.18 -0.42 -0.11	23.09 -0.42 -0.04	22.51 -0.46 -0.04	20.53 -0.42 -0.03	20.02 -0.41 -0.02	20.03 -0.45 0.03	19.89 -0.47 0.00	20.10 -0.47 -0.20	21.59 -0.41 -0.34	24.41 -0.32 -0.34	25.50 -0.27 -0.87	24.63 -0.37 -0.46	24.42 -0.37 0.09	23.14 -0.40 0.10	20.95 -0.38 -0.10	20.57 -0.35 -0.12
LINDEN COGEN____ 23786	26.93 2.09 0.00	24.49 1.73 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.80 1.68 0.00	24.69 1.72 0.00	25.73 1.88 -0.39	28.11 1.97 -2.72	26.86 2.09 -1.28	26.04 2.07 -0.50	25.40 2.02 -0.45	23.08 1.82 -0.33	22.79 1.77 -0.61	22.32 1.81 0.00	22.11 1.75 0.00	24.43 1.77 -2.30	27.54 1.91 -3.97	33.44 2.17 -6.88	41.73 2.17 -14.66	35.56 2.13 -8.89	30.63 2.14 -3.60	28.18 2.10 -2.44	25.77 1.91 -2.62	25.13 1.85 -2.47
LINDHRST_69_KV_BK1 356055	33.19 2.86 -5.48	31.57 2.46 -6.35	27.57 2.40 -2.53	27.66 2.39 -3.13	27.72 2.41 -3.19	30.47 2.55 -4.95	33.28 2.72 -7.09	31.83 2.67 -5.74	27.52 2.75 -1.28	26.65 2.68 -0.50	25.95 2.57 -0.45	23.54 2.28 -0.33	22.91 2.22 -0.28	22.83 2.32 0.00	23.21 2.36 -0.49	30.18 2.36 -7.45	34.28 2.56 -10.07	40.61 2.98 -13.25	42.55 2.99 -14.66	39.95 2.94 -12.47	38.72 2.99 -10.85	36.77 2.84 -10.30	33.49 2.55 -9.71	26.85 2.41 -3.63
LIPA_MISC_IPP 23656	33.14 2.81 -5.48	31.60 2.48 -6.35	27.59 2.42 -2.53	27.72 2.46 -3.13	27.81 2.50 -3.19	30.56 2.64 -4.95	33.35 2.79 -7.09	31.90 2.74 -5.74	27.52 2.75 -1.28	26.62 2.65 -0.50	25.90 2.52 -0.45	23.46 2.20 -0.33	22.85 2.16 -0.28	22.77 2.26 0.00	23.17 2.32 -0.49	30.16 2.34 -7.45	34.33 2.60 -10.07	40.66 3.02 -13.25	42.57 3.01 -14.66	40.00 2.99 -12.47	38.75 3.01 -10.85	36.84 2.91 -10.30	33.51 2.57 -9.71	26.87 2.43 -3.63
LISF____SOLAR 323691	33.16 2.83 -5.48	31.64 2.53 -6.35	27.64 2.47 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.91 2.76 -5.73	27.57 2.79 -1.28	26.64 2.67 -0.50	25.93 2.54 -0.45	23.48 2.22 -0.33	22.87 2.18 -0.28	22.83 2.32 0.00	23.19 2.34 -0.49	30.20 2.38 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.62 3.06 -14.66	40.05 3.04 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.70	26.97 2.54 -3.63
LITTLE FALLS____HYD 24013	25.37 0.52 0.00	23.26 0.50 0.00	23.15 0.52 0.00	22.65 0.51 0.00	22.65 0.53 0.00	23.50 0.53 0.00	23.96 0.49 0.00	23.87 0.44 0.00	23.94 0.45 0.00	23.89 0.42 0.00	23.27 0.34 0.00	21.20 0.27 0.00	20.65 0.24 0.00	20.76 0.23 -0.02	20.50 0.14 0.00	20.51 0.14 0.00	21.83 0.17 0.00	24.83 0.27 -0.18	25.43 0.25 -0.28	24.95 0.20 -0.21	25.32 0.15 -0.28	24.01 0.17 -0.21	21.47 0.15 -0.09	20.99 0.12 -0.06
LITTLRIV_115KV_TB1 356100	24.37 -0.47 0.00	22.47 -0.30 0.00	22.29 -0.34 0.00	21.72 -0.42 0.00	21.68 -0.44 0.00	22.28 -0.69 0.00	22.67 -0.80 0.00	22.77 -0.66 0.00	22.67 -0.82 0.00	22.77 -0.70 0.00	22.19 -0.73 0.00	20.21 -0.71 0.00	19.67 -0.73 0.00	19.43 -0.74 0.34	19.64 -0.71 0.01	19.69 -0.67 0.00	20.94 -0.71 0.00	20.76 -0.80 2.83	19.68 -0.80 4.43	20.36 -0.79 3.40	19.63 -0.80 4.46	19.42 -0.83 3.39	19.10 -0.70 1.43	19.03 -0.77 1.00

LI_NEWBRDGE___DRP 323616	32.69 2.36 -5.48	31.14 2.03 -6.35	27.14 1.97 -2.53	27.21 1.95 -3.13	27.30 1.99 -3.19	30.01 2.09 -4.95	32.81 2.25 -7.09	31.38 2.22 -5.74	27.08 2.30 -1.28	26.25 2.28 -0.50	25.56 2.18 -0.45	23.18 1.93 -0.33	22.59 1.90 -0.28	22.48 1.97 0.00	22.83 1.97 -0.49	29.80 1.98 -7.45	33.85 2.12 -10.07	40.07 2.44 -13.25	42.00 2.44 -14.66	39.41 2.40 -12.47	38.17 2.44 -10.85	36.28 2.34 -10.30	33.07 2.12 -9.71	26.43 2.00 -3.63
LOCKPORT_115KV_TB60_63_64 80432	22.93 -1.91 0.00	20.83 -1.93 0.00	21.07 -1.56 0.00	20.37 -1.77 0.00	20.39 -1.73 0.00	21.57 -1.40 0.00	21.88 -1.64 -0.06	21.75 -2.08 -0.41	21.72 -1.97 -0.19	21.50 -2.04 -0.08	21.00 -1.99 -0.07	19.13 -1.84 -0.05	18.59 -1.86 -0.04	18.65 -1.87 0.00	18.38 -1.97 0.00	18.74 -1.98 -0.35	20.31 -1.95 -0.61	23.26 -2.17 -1.05	25.00 -2.14 -2.23	23.71 -2.18 -1.35	23.37 -2.07 -0.55	22.07 -1.94 -0.37	20.06 -1.57 -0.40	20.14 -1.04 -0.38
LOCKPORT___CC1 323769	22.68 -2.16 0.00	20.60 -2.16 0.00	20.71 -1.92 0.00	20.28 -1.86 0.00	20.35 -1.77 0.00	21.52 -1.45 0.00	21.91 -1.62 -0.06	21.59 -2.25 -0.42	21.72 -1.97 -0.20	21.48 -2.07 -0.08	21.00 -1.99 -0.07	19.11 -1.86 -0.05	18.57 -1.88 -0.04	18.63 -1.89 0.00	18.38 -1.97 0.00	18.72 -2.00 -0.35	20.27 -1.99 -0.61	23.24 -2.19 -1.05	24.93 -2.22 -2.24	23.69 -2.21 -1.36	23.35 -2.09 -0.55	22.07 -1.94 -0.37	20.04 -1.59 -0.40	19.95 -1.23 -0.38
LOCKPORT___CC2 323770	22.68 -2.16 0.00	20.60 -2.16 0.00	20.71 -1.92 0.00	20.28 -1.86 0.00	20.35 -1.77 0.00	21.52 -1.45 0.00	21.91 -1.62 -0.06	21.59 -2.25 -0.42	21.72 -1.97 -0.20	21.48 -2.07 -0.08	21.00 -1.99 -0.07	19.11 -1.86 -0.05	18.57 -1.88 -0.04	18.63 -1.89 0.00	18.38 -1.97 0.00	18.72 -2.00 -0.35	20.27 -1.99 -0.61	23.24 -2.19 -1.05	24.93 -2.22 -2.24	23.69 -2.21 -1.36	23.35 -2.09 -0.55	22.07 -1.94 -0.37	20.04 -1.59 -0.40	19.95 -1.23 -0.38
LOCKPORT___CC3 323771	22.68 -2.16 0.00	20.60 -2.16 0.00	20.71 -1.92 0.00	20.28 -1.86 0.00	20.35 -1.77 0.00	21.52 -1.45 0.00	21.91 -1.62 -0.06	21.59 -2.25 -0.42	21.72 -1.97 -0.20	21.48 -2.07 -0.08	21.00 -1.99 -0.07	19.11 -1.86 -0.05	18.57 -1.88 -0.04	18.63 -1.89 0.00	18.38 -1.97 0.00	18.72 -2.00 -0.35	20.27 -1.99 -0.61	23.24 -2.19 -1.05	24.93 -2.22 -2.24	23.69 -2.21 -1.36	23.35 -2.09 -0.55	22.07 -1.94 -0.37	20.04 -1.59 -0.40	19.95 -1.23 -0.38
LONG_LAKE_PHOENIX 24014	24.13 -0.72 0.00	22.04 -0.73 0.00	21.95 -0.68 0.00	21.50 -0.64 0.00	21.50 -0.62 0.00	22.37 -0.60 0.00	22.94 -0.56 -0.04	23.08 -0.61 -0.27	23.03 -0.59 -0.12	22.91 -0.61 -0.05	22.35 -0.62 -0.04	20.43 -0.52 -0.03	19.93 -0.51 -0.03	19.96 -0.55 0.00	19.79 -0.57 0.00	20.04 -0.55 -0.22	21.52 -0.52 -0.39	24.52 -0.54 -0.67	25.86 -0.47 -1.43	24.86 -0.54 -0.87	24.69 -0.55 -0.35	23.33 -0.54 -0.24	20.96 -0.53 -0.25	20.56 -0.48 -0.24
LOVETT___3 23632	26.86 2.01 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.71 1.75 0.00	25.74 1.90 -0.37	27.97 1.87 -2.67	26.72 1.97 -1.26	25.93 1.97 -0.49	25.28 1.90 -0.44	22.97 1.72 -0.33	22.36 1.67 -0.27	22.22 1.70 0.00	22.01 1.65 0.00	24.27 1.67 -2.24	27.35 1.80 -3.90	33.21 2.07 -6.75	41.35 2.07 -14.38	35.30 2.04 -8.72	30.49 2.07 -3.53	28.00 1.99 -2.38	25.58 1.78 -2.56	24.92 1.68 -2.43
LOVETT___4 23642	26.86 2.01 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.71 1.75 0.00	25.74 1.90 -0.37	27.97 1.87 -2.67	26.72 1.97 -1.26	25.93 1.97 -0.49	25.28 1.90 -0.44	22.97 1.72 -0.33	22.36 1.67 -0.27	22.22 1.70 0.00	22.01 1.65 0.00	24.27 1.67 -2.24	27.35 1.80 -3.90	33.21 2.07 -6.75	41.35 2.07 -14.38	35.30 2.04 -8.72	30.49 2.07 -3.53	28.00 1.99 -2.38	25.58 1.78 -2.56	24.92 1.68 -2.43
LOVETT___5 23593	26.86 2.01 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.71 1.75 0.00	25.74 1.90 -0.37	27.97 1.87 -2.67	26.72 1.97 -1.26	25.93 1.97 -0.49	25.28 1.90 -0.44	22.97 1.72 -0.33	22.36 1.67 -0.27	22.22 1.70 0.00	22.01 1.65 0.00	24.27 1.67 -2.24	27.35 1.80 -3.90	33.21 2.07 -6.75	41.35 2.07 -14.38	35.30 2.04 -8.72	30.49 2.07 -3.53	28.00 1.99 -2.38	25.58 1.78 -2.56	24.92 1.68 -2.43
LOWER RAQUET___HYD 24057	24.10 -0.74 0.00	22.20 -0.57 0.00	22.05 -0.59 0.00	21.43 -0.71 0.00	21.37 -0.75 0.00	21.94 -1.03 0.00	22.35 -1.13 -0.01	22.48 -0.98 -0.04	22.34 -1.17 -0.02	22.40 -1.08 -0.01	21.84 -1.10 -0.01	19.90 -1.02 -0.01	19.37 -1.04 0.00	19.11 -1.07 0.34	19.33 -1.02 0.01	19.43 -0.98 -0.04	20.66 -1.06 -0.07	20.51 -1.22 2.65	19.59 -1.22 4.10	20.16 -1.20 3.18	19.36 -1.22 4.31	19.15 -1.20 3.28	18.88 -1.00 1.36	18.83 -1.04 0.94
LOWER___HUDSON 24059	26.19 1.34 0.00	23.97 1.21 0.00	23.83 1.20 0.00	23.33 1.19 0.00	23.31 1.19 0.00	24.21 1.24 0.00	25.22 1.29 -0.46	28.20 1.50 -3.28	26.59 1.55 -1.54	25.62 1.55 -0.60	25.01 1.54 -0.55	22.73 1.40 -0.40	22.09 1.35 -0.34	21.89 1.37 0.00	21.70 1.34 0.00	24.44 1.32 -2.75	27.90 1.45 -4.79	34.29 1.61 -8.30	44.28 1.69 -17.68	36.90 1.64 -10.72	30.93 1.69 -4.34	28.17 1.61 -2.92	25.80 1.42 -3.14	25.16 1.37 -2.98
LOWVILLE_115KV_TB2 356335	25.12 0.27 0.00	22.99 0.23 0.00	22.84 0.20 0.00	22.32 0.18 0.00	22.07 -0.04 0.00	22.90 -0.07 0.00	23.46 0.02 -0.02	23.56 0.02 -0.11	23.52 -0.02 -0.05	23.49 0.00 -0.02	22.90 -0.05 -0.02	20.88 -0.06 -0.01	20.32 -0.10 -0.01	20.29 -0.14 0.08	20.21 -0.14 0.00	20.36 -0.10 -0.09	21.78 -0.04 -0.16	24.16 0.17 0.40	24.62 0.17 0.46	24.21 0.12 0.45	24.09 0.12 0.92	22.90 -0.02 0.71	20.91 -0.08 0.24	20.52 -0.15 0.14
LUTHERFT_115KV_GLOB_FND_222 355753	26.34 1.49 0.00	24.06 1.30 0.00	23.92 1.29 0.00	23.42 1.28 0.00	23.36 1.24 0.00	24.30 1.33 0.00	25.35 1.41 -0.47	28.34 1.52 -3.40	26.59 1.50 -1.60	25.60 1.50 -0.62	24.98 1.49 -0.56	22.68 1.34 -0.41	22.04 1.29 -0.35	21.81 1.29 0.00	21.62 1.26 0.00	24.47 1.28 -2.82	28.00 1.43 -4.91	34.48 1.59 -8.51	44.73 1.69 -18.13	37.18 1.64 -11.00	31.06 1.72 -4.45	28.22 1.58 -3.00	25.87 1.38 -3.25	25.22 1.33 -3.09
LUTHERNY_35_KV_BK2 355980	26.36 1.52 0.00	24.08 1.32 0.00	23.95 1.31 0.00	23.45 1.31 0.00	23.38 1.26 0.00	24.32 1.36 0.00	25.37 1.43 -0.47	28.36 1.55 -3.40	26.62 1.53 -1.60	25.62 1.53 -0.62	25.00 1.51 -0.56	22.70 1.36 -0.41	22.06 1.31 -0.35	21.81 1.29 0.00	21.62 1.26 0.00	24.47 1.28 -2.82	28.02 1.45 -4.91	34.51 1.61 -8.51	44.75 1.72 -18.13	37.20 1.67 -11.00	31.09 1.74 -4.45	28.24 1.61 -3.00	25.87 1.38 -3.25	25.24 1.35 -3.09
LWR___OSWEGATCHIE_HYD 23850	24.40 -0.45 0.00	22.40 -0.36 0.00	22.27 -0.36 0.00	21.70 -0.44 0.00	21.59 -0.53 0.00	22.28 -0.69 0.00	22.78 -0.70 -0.01	22.87 -0.63 -0.08	22.81 -0.73 -0.04	22.80 -0.68 -0.02	22.23 -0.71 -0.01	20.26 -0.67 -0.01	19.72 -0.69 -0.01	19.57 -0.72 0.22	19.64 -0.71 0.00	19.78 -0.65 -0.07	21.11 -0.67 -0.12	22.13 -0.63 1.63	21.85 -0.62 2.43	21.94 -0.66 1.93	21.43 -0.67 2.79	20.78 -0.73 2.13	19.72 -0.66 0.85	19.52 -0.71 0.57

LYONS_FALL_HYD 23570	25.32 0.47 0.00	23.17 0.41 0.00	23.02 0.38 0.00	22.49 0.35 0.00	22.38 0.27 0.00	23.25 0.28 0.00	23.79 0.30 -0.01	23.88 0.35 -0.10	23.85 0.30 -0.05	23.82 0.33 -0.02	23.24 0.30 -0.02	21.19 0.25 -0.01	20.62 0.20 -0.01	20.65 0.18 0.05	20.52 0.16 0.00	20.64 0.18 -0.09	22.07 0.26 -0.15	24.73 0.46 0.12	25.34 0.47 0.04	24.84 0.42 0.12	24.87 0.45 0.46	23.58 0.31 0.36	21.35 0.21 0.09	20.93 0.17 0.04
MADISON___COUNTY_LFGE 323628	25.59 0.75 0.00	23.40 0.64 0.00	23.29 0.66 0.00	22.76 0.62 0.00	22.78 0.66 0.00	23.73 0.76 0.00	24.29 0.80 -0.03	24.40 0.80 -0.18	24.36 0.78 -0.09	24.28 0.77 -0.03	23.69 0.73 -0.03	21.57 0.63 -0.02	21.04 0.61 -0.02	21.13 0.62 0.00	20.93 0.57 0.00	21.11 0.59 -0.15	22.59 0.67 -0.26	25.72 0.88 -0.46	26.80 0.92 -0.98	25.97 0.83 -0.59	26.00 0.87 -0.24	24.53 0.73 -0.16	22.00 0.59 -0.17	21.57 0.60 -0.17
MALONE___115KV_TB1 356076	24.70 -0.15 0.00	22.79 0.02 0.00	22.63 0.00 0.00	22.12 -0.02 0.00	22.05 -0.07 0.00	22.69 -0.28 0.00	23.02 -0.45 0.00	23.07 -0.35 0.00	22.91 -0.59 0.00	22.98 -0.49 0.00	22.36 -0.57 0.00	20.34 -0.59 0.00	19.80 -0.61 0.00	19.44 -0.68 0.40	19.70 -0.65 0.01	19.76 -0.61 0.00	21.03 -0.63 0.00	20.31 -0.83 3.25	18.96 -0.85 5.09	19.80 -0.83 3.91	18.87 -0.90 5.13	18.84 -0.90 3.90	18.76 -0.83 1.65	18.82 -0.83 1.15
MAPLEWOD_115KV_TB3 80458	26.06 1.22 0.00	23.86 1.09 0.00	23.72 1.09 0.00	23.22 1.08 0.00	23.20 1.08 0.00	24.07 1.10 0.00	25.10 1.17 -0.46	27.94 1.19 -3.32	26.30 1.25 -1.56	25.32 1.24 -0.61	24.72 1.24 -0.55	22.48 1.15 -0.41	21.85 1.10 -0.34	21.64 1.13 0.00	21.46 1.10 0.00	24.21 1.08 -2.77	27.63 1.15 -4.82	34.01 1.27 -8.35	44.01 1.32 -17.79	36.60 1.28 -10.79	30.58 1.32 -4.37	27.83 1.25 -2.94	25.56 1.15 -3.18	24.99 1.16 -3.02
MAPLE_RIDGE_WT_1 323574	24.62 -0.22 0.00	22.56 -0.21 0.00	22.29 -0.34 0.00	21.61 -0.53 0.00	21.48 -0.64 0.00	22.19 -0.78 0.00	22.63 -0.84 0.00	22.60 -0.82 0.00	22.60 -0.89 0.00	22.60 -0.87 0.00	22.08 -0.85 0.00	20.13 -0.80 0.00	19.63 -0.78 0.00	19.01 -0.78 0.73	19.59 -0.75 0.01	19.65 -0.71 0.00	20.88 -0.78 0.00	17.50 -0.90 5.98	14.59 -0.95 9.37	16.44 -0.91 7.19	14.53 -0.92 9.43	15.59 -0.87 7.17	17.41 -0.79 3.04	17.92 -0.77 2.11
MAPLE_RIDGE_WT_2 323611	24.62 -0.22 0.00	22.56 -0.21 0.00	22.29 -0.34 0.00	21.61 -0.53 0.00	21.48 -0.64 0.00	22.19 -0.78 0.00	22.63 -0.84 0.00	22.60 -0.82 0.00	22.60 -0.89 0.00	22.60 -0.87 0.00	22.08 -0.85 0.00	20.13 -0.80 0.00	19.63 -0.78 0.00	19.01 -0.78 0.73	19.59 -0.75 0.01	19.65 -0.71 0.00	20.88 -0.78 0.00	17.50 -0.90 5.98	14.59 -0.95 9.37	16.44 -0.91 7.19	14.53 -0.92 9.43	15.59 -0.87 7.17	17.41 -0.79 3.04	17.92 -0.77 2.11
MARBLE_RIVER_WT_PWR 323696	24.52 -0.32 0.00	22.63 -0.14 0.00	22.52 -0.11 0.00	22.01 -0.13 0.00	21.96 -0.15 0.00	22.62 -0.34 0.00	22.98 -0.49 0.00	22.95 -0.47 0.00	22.79 -0.70 0.00	22.81 -0.66 0.00	22.19 -0.73 0.00	20.15 -0.77 0.00	19.57 -0.84 0.00	19.19 -0.90 0.42	19.48 -0.87 0.01	19.53 -0.84 0.00	20.77 -0.89 0.00	19.78 -1.12 3.48	18.28 -1.17 5.46	19.18 -1.18 4.18	18.15 -1.24 5.49	18.26 -1.20 4.18	18.36 -1.11 1.77	18.51 -1.06 1.23
MARSHVLE_115KV_TB1 80742	26.93 2.09 0.00	24.61 1.84 0.00	24.49 1.86 0.00	23.95 1.82 0.00	23.91 1.79 0.00	24.94 1.98 0.00	26.08 2.07 -0.54	29.35 2.04 -3.89	27.30 1.97 -1.83	26.09 1.90 -0.71	25.41 1.83 -0.65	23.06 1.65 -0.48	22.36 1.55 -0.40	22.07 1.56 0.00	21.88 1.53 0.00	25.11 1.49 -3.26	29.11 1.78 -5.68	36.32 2.10 -9.83	48.10 2.24 -20.95	39.40 2.16 -12.71	32.28 2.24 -5.15	29.21 2.10 -3.47	26.70 1.74 -3.72	26.00 1.66 -3.54
MARSH_HILL_WT_PWR 323713	25.59 0.74 0.00	23.29 0.52 0.00	23.27 0.63 0.00	22.76 0.62 0.00	22.78 0.66 0.00	23.84 0.87 0.00	24.19 0.63 -0.09	24.60 0.54 -0.64	24.38 0.59 -0.30	24.01 0.42 -0.12	23.33 0.30 -0.11	21.23 0.23 -0.08	20.74 0.26 -0.07	20.94 0.43 0.00	20.72 0.37 0.00	21.00 0.10 -0.53	22.95 0.37 -0.93	26.58 0.58 -1.61	29.05 0.72 -3.42	27.18 0.56 -2.08	26.38 0.65 -0.84	24.79 0.59 -0.57	22.29 0.45 -0.61	21.88 0.50 -0.58
MCINTYRE_115KV_TB2 80467	24.57 -0.27 0.00	22.67 -0.09 0.00	22.50 -0.14 0.00	21.92 -0.22 0.00	21.90 -0.22 0.00	22.56 -0.41 0.00	22.93 -0.54 0.00	23.05 -0.37 0.00	22.93 -0.56 0.00	23.02 -0.45 0.00	22.45 -0.48 0.00	20.44 -0.48 0.00	19.88 -0.53 0.00	19.65 -0.51 0.36	19.86 -0.49 0.01	19.92 -0.45 0.00	21.18 -0.48 0.00	20.93 -0.54 2.92	19.80 -0.52 4.58	20.51 -0.52 3.51	19.78 -0.50 4.61	19.57 -0.57 3.50	19.28 -0.47 1.48	19.21 -0.56 1.03
MECO___69_KV_BK1 80468	28.18 3.33 0.00	25.70 2.94 0.00	25.60 2.97 0.00	25.06 2.92 0.00	24.93 2.81 0.00	26.07 3.10 0.00	27.20 3.22 -0.52	30.32 3.16 -3.74	28.26 3.01 -1.76	27.02 2.86 -0.69	26.35 2.80 -0.62	23.90 2.51 -0.46	23.14 2.35 -0.38	22.85 2.34 0.00	22.70 2.34 0.00	25.92 2.42 -3.13	30.00 2.88 -5.46	37.14 3.29 -9.46	48.61 3.56 -20.15	40.22 3.46 -12.22	33.45 3.61 -4.95	30.25 3.29 -3.33	27.55 2.74 -3.58	26.82 2.62 -3.40
MENANDS___115KV_TB5 355628	25.96 1.12 0.00	23.77 1.00 0.00	23.63 1.00 0.00	23.14 1.00 0.00	23.11 1.00 0.00	23.98 1.01 0.00	24.99 1.06 -0.46	27.84 1.10 -3.31	26.20 1.15 -1.56	25.25 1.17 -0.61	24.62 1.15 -0.55	22.42 1.09 -0.41	21.81 1.06 -0.34	21.58 1.07 0.00	21.40 1.04 0.00	24.14 1.02 -2.76	27.53 1.06 -4.81	33.87 1.15 -8.33	43.85 1.20 -17.75	36.48 1.18 -10.77	30.47 1.22 -4.36	27.73 1.16 -2.94	25.47 1.06 -3.17	24.92 1.10 -3.02
MG INDUSTRY___DRP 24185	25.96 1.12 0.00	23.79 1.02 0.00	23.65 1.02 0.00	23.16 1.02 0.00	23.11 1.00 0.00	23.98 1.01 0.00	24.98 1.06 -0.45	27.70 1.03 -3.24	26.08 1.06 -1.52	25.12 1.06 -0.60	24.50 1.03 -0.54	22.28 0.96 -0.40	21.68 0.94 -0.33	21.46 0.94 0.00	21.29 0.94 0.00	23.99 0.92 -2.71	27.33 0.95 -4.72	33.61 1.05 -8.17	43.44 1.12 -17.41	36.18 1.08 -10.56	30.29 1.12 -4.28	27.58 1.06 -2.88	25.32 0.98 -3.11	24.75 1.00 -2.95
MID___OSWEGATCHIE_HYD 23849	24.40 -0.45 0.00	22.40 -0.36 0.00	22.27 -0.36 0.00	21.70 -0.44 0.00	21.59 -0.53 0.00	22.28 -0.69 0.00	22.78 -0.70 -0.01	22.87 -0.63 -0.08	22.81 -0.73 -0.04	22.80 -0.68 -0.02	22.23 -0.71 -0.01	20.26 -0.67 -0.01	19.72 -0.69 -0.01	19.57 -0.72 0.22	19.64 -0.71 0.00	19.78 -0.65 -0.07	21.11 -0.67 -0.12	22.13 -0.63 1.63	21.85 -0.62 2.43	21.94 -0.66 1.93	21.43 -0.67 2.79	20.78 -0.73 2.13	19.72 -0.66 0.85	19.52 -0.71 0.57
MID___RAQUETTE_HYD 23851	24.05 -0.80 0.00	22.17 -0.59 0.00	22.02 -0.61 0.00	21.43 -0.71 0.00	21.37 -0.75 0.00	21.94 -1.03 0.00	22.33 -1.15 -0.01	22.46 -1.01 -0.04	22.34 -1.17 -0.02	22.40 -1.08 -0.01	21.84 -1.10 -0.01	19.90 -1.03 -0.01	19.35 -1.06 0.00	19.11 -1.07 0.34	19.33 -1.02 0.01	19.43 -0.98 -0.04	20.66 -1.06 -0.07	20.51 -1.22 2.65	19.59 -1.22 4.10	20.16 -1.20 3.18	19.36 -1.22 4.31	19.15 -1.21 3.28	18.88 -1.00 1.36	18.80 -1.06 0.94

MILLIKEN___1 23584	25.32 0.47 0.00	23.11 0.34 0.00	23.02 0.38 0.00	22.52 0.38 0.00	22.54 0.42 0.00	23.50 0.53 0.00	24.12 0.56 -0.08	24.51 0.49 -0.59	24.27 0.49 -0.28	24.00 0.42 -0.11	23.37 0.34 -0.10	21.31 0.31 -0.07	20.80 0.33 -0.06	20.84 0.33 0.00	20.64 0.29 0.00	21.13 0.26 -0.50	22.96 0.43 -0.87	26.50 0.61 -1.50	28.82 0.72 -3.20	27.06 0.59 -1.94	26.30 0.62 -0.79	24.69 0.52 -0.53	22.21 0.40 -0.57	21.76 0.42 -0.54
MILLIKEN___2 23585	25.32 0.47 0.00	23.11 0.34 0.00	23.02 0.38 0.00	22.52 0.38 0.00	22.54 0.42 0.00	23.50 0.53 0.00	24.12 0.56 -0.08	24.51 0.49 -0.59	24.27 0.49 -0.28	24.00 0.42 -0.11	23.37 0.34 -0.10	21.31 0.31 -0.07	20.80 0.33 -0.06	20.84 0.33 0.00	20.64 0.29 0.00	21.13 0.26 -0.50	22.96 0.43 -0.87	26.50 0.61 -1.50	28.82 0.72 -3.20	27.06 0.59 -1.94	26.30 0.62 -0.79	24.69 0.52 -0.53	22.21 0.40 -0.57	21.76 0.42 -0.54
MILLIKEN___DIESEL 23629	25.32 0.47 0.00	23.11 0.34 0.00	23.02 0.38 0.00	22.52 0.38 0.00	22.54 0.42 0.00	23.50 0.53 0.00	24.12 0.56 -0.08	24.51 0.49 -0.59	24.27 0.49 -0.28	24.00 0.42 -0.11	23.37 0.34 -0.10	21.31 0.31 -0.07	20.80 0.33 -0.06	20.84 0.33 0.00	20.64 0.29 0.00	21.13 0.26 -0.50	22.96 0.43 -0.87	26.50 0.61 -1.50	28.82 0.72 -3.20	27.06 0.59 -1.94	26.30 0.62 -0.79	24.69 0.52 -0.53	22.21 0.40 -0.57	21.76 0.42 -0.54
MILLSEAT___LFGE 323607	23.18 -1.66 0.00	21.03 -1.73 0.00	21.12 -1.52 0.00	20.68 -1.46 0.00	20.75 -1.37 0.00	21.94 -1.03 0.00	22.38 -1.15 -0.06	22.12 -1.71 -0.41	22.18 -1.50 -0.19	21.97 -1.57 -0.07	21.48 -1.51 -0.07	19.55 -1.42 -0.05	18.98 -1.47 -0.04	19.02 -1.50 0.00	18.77 -1.59 0.00	19.16 -1.55 -0.34	20.76 -1.49 -0.59	23.85 -1.56 -1.03	25.53 -1.57 -2.19	24.27 -1.59 -1.33	23.96 -1.47 -0.54	22.60 -1.39 -0.36	20.44 -1.19 -0.39	20.30 -0.87 -0.37
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.81 1.96 0.00	24.40 1.64 0.00	24.22 1.58 0.00	23.73 1.59 0.00	23.73 1.61 0.00	24.67 1.70 0.00	25.70 1.85 -0.38	27.96 1.83 -2.71	26.69 1.93 -1.27	25.89 1.92 -0.50	25.24 1.86 -0.45	22.93 1.67 -0.33	22.32 1.63 -0.28	22.18 1.66 0.00	21.97 1.61 0.00	24.26 1.63 -2.27	27.36 1.75 -3.95	33.25 2.02 -6.84	41.49 2.02 -14.57	35.36 1.99 -8.84	30.48 2.02 -3.58	27.98 1.94 -2.41	25.57 1.74 -2.59	24.91 1.64 -2.46
MILLWOOD_13_KV_LOAD 356217	26.86 2.01 0.00	24.45 1.68 0.00	24.29 1.65 0.00	23.78 1.64 0.00	23.78 1.66 0.00	24.71 1.75 0.00	25.75 1.90 -0.38	28.03 1.90 -2.71	26.74 1.97 -1.27	25.94 1.97 -0.50	25.30 1.93 -0.45	22.97 1.72 -0.33	22.38 1.69 -0.28	22.22 1.70 0.00	22.03 1.67 0.00	24.30 1.67 -2.27	27.40 1.80 -3.95	33.32 2.10 -6.84	41.56 2.09 -14.57	35.43 2.06 -8.84	30.56 2.09 -3.58	28.06 2.01 -2.41	25.63 1.80 -2.59	24.95 1.68 -2.46
MODEL_CITY_ENERGY 24167	22.44 -2.41 0.00	20.42 -2.34 0.00	20.53 -2.10 0.00	20.10 -2.04 0.00	20.17 -1.95 0.00	21.34 -1.63 0.00	21.70 -1.83 -0.06	21.40 -2.44 -0.42	21.51 -2.18 -0.20	21.29 -2.25 -0.08	20.80 -2.20 -0.07	18.95 -2.03 -0.05	18.41 -2.04 -0.04	18.44 -2.07 0.00	18.18 -2.18 0.00	18.56 -2.16 -0.35	20.08 -2.19 -0.61	23.03 -2.41 -1.06	24.70 -2.47 -2.26	23.48 -2.43 -1.37	23.13 -2.31 -0.56	21.86 -2.15 -0.37	19.85 -1.78 -0.40	19.77 -1.42 -0.38
MODERN_LFGE___ 323580	22.44 -2.41 0.00	20.42 -2.34 0.00	20.53 -2.10 0.00	20.10 -2.04 0.00	20.17 -1.95 0.00	21.34 -1.63 0.00	21.70 -1.83 -0.06	21.40 -2.44 -0.42	21.51 -2.18 -0.20	21.29 -2.25 -0.08	20.80 -2.20 -0.07	18.95 -2.03 -0.05	18.41 -2.04 -0.04	18.44 -2.07 0.00	18.18 -2.18 0.00	18.56 -2.16 -0.35	20.08 -2.19 -0.61	23.03 -2.41 -1.06	24.70 -2.47 -2.26	23.48 -2.43 -1.37	23.13 -2.31 -0.56	21.86 -2.15 -0.37	19.85 -1.78 -0.40	19.77 -1.42 -0.38
MOHAWK_PAPER___DRP 24187	26.06 1.22 0.00	23.86 1.09 0.00	23.72 1.09 0.00	23.22 1.08 0.00	23.20 1.08 0.00	24.07 1.10 0.00	25.10 1.17 -0.46	27.94 1.19 -3.32	26.30 1.25 -1.56	25.32 1.24 -0.61	24.72 1.24 -0.55	22.48 1.15 -0.41	21.85 1.10 -0.34	21.64 1.13 0.00	21.46 1.10 0.00	24.21 1.08 -2.77	27.63 1.15 -4.82	34.01 1.27 -8.35	44.01 1.32 -17.79	36.60 1.28 -10.79	30.58 1.32 -4.37	27.83 1.25 -2.94	25.56 1.15 -3.18	24.99 1.16 -3.02
MOHICAN___35_KV_115KV_LD 80490	26.21 1.37 0.00	23.90 1.14 0.00	23.77 1.13 0.00	23.29 1.15 0.00	23.20 1.08 0.00	24.16 1.19 0.00	25.21 1.27 -0.47	28.23 1.41 -3.40	26.45 1.36 -1.60	25.46 1.36 -0.62	24.87 1.38 -0.56	22.55 1.21 -0.41	21.90 1.14 -0.35	21.64 1.13 0.00	21.46 1.10 0.00	24.33 1.14 -2.82	27.90 1.32 -4.92	34.37 1.46 -8.52	44.66 1.59 -18.16	37.10 1.55 -11.01	30.99 1.64 -4.46	28.11 1.47 -3.00	25.70 1.21 -3.25	25.06 1.16 -3.09
MONGAUP___HYD 23641	26.51 1.66 0.00	24.11 1.34 0.00	23.95 1.31 0.00	23.47 1.33 0.00	23.36 1.24 0.00	24.25 1.29 0.00	25.19 1.38 -0.34	27.19 1.33 -2.44	26.07 1.43 -1.15	25.25 1.34 -0.45	24.57 1.24 -0.41	22.31 1.09 -0.30	21.70 1.04 -0.25	21.58 1.07 0.00	21.40 1.04 0.00	23.49 1.08 -2.04	26.49 1.28 -3.56	31.89 1.34 -6.17	39.44 1.39 -13.14	33.83 1.32 -7.97	29.44 1.32 -3.23	27.13 1.32 -2.17	24.84 1.27 -2.33	24.22 1.21 -2.22
MONTAUK___DIESEL 23721	33.73 3.40 -5.48	32.19 3.07 -6.35	28.22 3.06 -2.53	28.37 3.10 -3.13	28.49 3.18 -3.19	31.29 3.38 -4.95	34.10 3.54 -7.09	32.60 3.44 -5.74	28.11 3.34 -1.28	27.09 3.12 -0.50	26.32 2.93 -0.45	23.81 2.55 -0.33	23.18 2.49 -0.28	23.12 2.61 0.00	23.54 2.69 -0.49	30.57 2.75 -7.45	34.80 3.08 -10.07	41.29 3.66 -13.25	43.25 3.69 -14.66	40.64 3.63 -12.47	39.37 3.63 -10.85	37.39 3.45 -10.30	33.98 3.04 -9.71	27.30 2.87 -3.63
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.33 -1.52 0.00	20.90 -1.87 0.00	21.05 -1.58 0.00	20.63 -1.51 0.00	20.37 -1.75 0.00	21.52 -1.45 0.00	21.70 -1.83 -0.07	21.53 -2.37 -0.48	21.42 -2.30 -0.22	21.16 -2.39 -0.09	20.67 -2.34 -0.08	18.81 -2.18 -0.06	18.33 -2.12 -0.05	18.71 -1.81 0.00	18.42 -1.93 0.00	18.30 -2.46 -0.40	19.95 -2.40 -0.69	23.08 -2.51 -1.20	25.02 -2.44 -2.56	23.66 -2.43 -1.55	23.35 -2.17 -0.63	22.12 -1.94 -0.42	20.08 -1.61 -0.45	20.28 -0.96 -0.43
MORTIMER_115KV_TB3 55949	23.70 -1.14 0.00	21.56 -1.21 0.00	21.66 -0.97 0.00	21.05 -1.08 0.00	21.06 -1.06 0.00	22.12 -0.85 0.00	22.84 -0.68 -0.05	22.85 -0.94 -0.37	22.78 -0.89 -0.17	22.60 -0.94 -0.07	22.10 -0.89 -0.06	20.15 -0.82 -0.05	19.55 -0.90 -0.04	19.47 -1.05 0.00	19.26 -1.10 0.00	19.78 -0.90 -0.31	21.37 -0.82 -0.54	24.47 -0.85 -0.93	26.12 -0.77 -1.99	24.86 -0.88 -1.21	24.56 -0.82 -0.49	23.19 -0.78 -0.33	20.91 -0.68 -0.35	20.72 -0.42 -0.34
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.03 2.19 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.11 2.14 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.86 1.84 -0.61	22.38 1.87 0.00	22.17 1.81 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.84 1.97 -2.63	25.13 1.85 -2.48

MUNSVILLE_WIND_PWR 323609	27.33 2.48 0.00	24.93 2.16 0.00	24.79 2.15 0.00	24.13 1.99 0.00	24.24 2.12 0.00	25.29 2.32 0.00	25.92 2.32 -0.12	26.62 2.32 -0.88	26.14 2.23 -0.41	25.74 2.11 -0.16	24.93 1.86 -0.15	22.71 1.67 -0.11	22.07 1.57 -0.09	22.03 1.52 0.00	21.82 1.47 0.00	22.55 1.45 -0.74	24.71 1.78 -1.28	29.07 2.46 -2.22	32.22 2.59 -4.73	29.79 2.38 -2.87	28.49 2.44 -1.16	26.50 2.08 -0.78	23.77 1.70 -0.84	23.30 1.71 -0.80
N SALMON___HYD 24042	24.72 -0.12 0.00	22.79 0.02 0.00	22.66 0.02 0.00	22.12 -0.02 0.00	22.05 -0.07 0.00	22.72 -0.25 0.00	23.05 -0.42 0.00	23.09 -0.33 0.00	22.91 -0.59 0.00	22.98 -0.49 0.00	22.36 -0.57 0.00	20.34 -0.59 0.00	19.80 -0.61 0.00	19.44 -0.68 0.40	19.70 -0.65 0.01	19.76 -0.61 0.00	21.03 -0.63 0.00	20.31 -0.83 3.25	18.96 -0.85 5.09	19.80 -0.83 3.91	18.87 -0.89 5.13	18.84 -0.90 3.90	18.76 -0.83 1.65	18.84 -0.81 1.15
N.AKRON___115KV_KNAPP 355671	23.41 -1.44 0.00	21.24 -1.53 0.00	21.43 -1.20 0.00	20.77 -1.37 0.00	20.77 -1.35 0.00	21.96 -1.01 0.00	22.35 -1.17 -0.06	22.24 -1.59 -0.41	22.18 -1.50 -0.19	21.97 -1.57 -0.08	21.48 -1.51 -0.07	19.55 -1.42 -0.05	18.98 -1.47 -0.04	19.02 -1.50 0.00	18.77 -1.59 0.00	19.14 -1.57 -0.34	20.78 -1.47 -0.60	23.83 -1.59 -1.03	25.56 -1.54 -2.20	24.25 -1.62 -1.33	23.94 -1.49 -0.54	22.58 -1.42 -0.36	20.46 -1.17 -0.39	20.46 -0.71 -0.37
N.BELMOR_69_KV_BK1 55787	32.91 2.58 -5.48	31.32 2.21 -6.35	27.32 2.15 -2.53	27.39 2.13 -3.13	27.47 2.17 -3.19	30.19 2.27 -4.95	33.00 2.44 -7.09	31.57 2.41 -5.74	27.27 2.49 -1.28	26.43 2.46 -0.50	25.74 2.36 -0.45	23.35 2.09 -0.33	22.75 2.06 -0.28	22.63 2.11 0.00	22.99 2.14 -0.49	29.96 2.14 -7.45	34.02 2.30 -10.07	40.29 2.66 -13.25	42.22 2.66 -14.66	39.64 2.63 -12.47	38.40 2.66 -10.85	36.46 2.53 -10.30	33.26 2.31 -9.71	26.62 2.18 -3.63
N.E_GEN_SANDY PD 24062	26.46 1.61 0.00	25.71 1.41 -1.53	25.56 1.40 -1.52	26.00 1.40 -2.47	26.48 1.39 -2.97	28.11 1.42 -3.72	28.80 1.50 -3.83	31.00 1.52 -6.06	30.00 1.60 -4.91	28.88 1.60 -3.81	30.04 1.56 -5.55	28.23 1.42 -5.88	27.80 1.41 -5.98	27.29 1.41 -5.36	28.36 1.39 -6.62	27.93 1.36 -6.20	35.38 1.45 -12.27	45.02 1.66 -18.97	45.31 1.69 -18.71	44.11 1.67 -17.90	32.84 1.69 -6.26	31.70 1.61 -6.46	28.82 1.46 -6.12	25.21 1.43 -2.98
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.83 1.99 0.00	24.43 1.66 0.00	24.24 1.61 0.00	23.76 1.62 0.00	23.75 1.64 0.00	24.69 1.72 0.00	25.72 1.88 -0.37	27.92 1.85 -2.65	26.69 1.95 -1.25	25.88 1.92 -0.49	25.23 1.86 -0.44	22.92 1.67 -0.33	22.33 1.65 -0.27	22.18 1.66 0.00	21.99 1.63 0.00	24.21 1.63 -2.22	27.28 1.75 -3.87	33.11 2.02 -6.70	41.21 2.04 -14.27	35.20 2.01 -8.65	30.44 2.04 -3.51	27.93 1.94 -2.36	25.54 1.76 -2.54	24.86 1.64 -2.41
N.QUEENS_27_KV_LOAD 356247	27.11 2.26 0.00	24.63 1.87 0.00	24.47 1.83 0.00	23.98 1.84 0.00	24.00 1.88 0.00	24.97 2.00 0.00	26.03 2.18 -0.38	28.28 2.13 -2.73	27.03 2.26 -1.28	26.25 2.28 -0.50	25.58 2.20 -0.45	23.25 2.01 -0.32	23.01 2.00 -0.60	22.53 2.03 0.02	22.28 1.93 0.02	24.63 1.98 -2.29	27.72 2.10 -3.96	33.67 2.41 -6.87	41.95 2.39 -14.65	35.80 2.38 -8.88	30.84 2.36 -3.59	28.34 2.27 -2.43	25.95 2.10 -2.62	25.17 1.89 -2.48
N.TROY___115KV_TB1 355778	26.19 1.34 0.00	23.95 1.18 0.00	23.79 1.15 0.00	23.29 1.15 0.00	23.27 1.15 0.00	24.19 1.22 0.00	25.22 1.29 -0.46	28.28 1.52 -3.34	26.62 1.55 -1.57	25.63 1.55 -0.61	25.01 1.54 -0.55	22.73 1.40 -0.40	22.09 1.35 -0.34	21.89 1.37 0.00	21.70 1.34 0.00	24.46 1.34 -2.75	27.90 1.45 -4.79	34.29 1.61 -8.30	44.27 1.69 -17.68	36.90 1.64 -10.72	30.92 1.69 -4.34	28.17 1.61 -2.92	25.86 1.42 -3.20	25.23 1.39 -3.04
NARROWS_GT1_1 24228	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT1_2 24229	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT1_3 24230	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT1_4 24231	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT1_5 24232	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT1_6 24233	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT1_7 24234	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48

NARROWS_GT1_8 24235	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_1 24236	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_2 24237	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_3 24238	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_4 24239	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_5 24240	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_6 24241	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_7 24242	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NARROWS_GT2_8 24243	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.54 1.69 0.00	24.29 1.53 0.00	24.17 1.54 0.00	23.69 1.55 0.00	23.53 1.42 0.00	24.39 1.42 0.00	25.22 1.31 -0.43	27.88 1.33 -3.13	26.30 1.34 -1.47	25.29 1.24 -0.57	24.64 1.19 -0.52	22.48 1.17 -0.38	21.83 1.10 -0.32	21.64 1.13 0.00	21.50 1.14 0.00	24.01 1.04 -2.61	27.37 1.17 -4.55	33.60 1.34 -7.87	43.20 1.52 -16.78	36.14 1.42 -10.17	30.43 1.42 -4.12	27.66 1.25 -2.77	25.33 1.10 -2.99	24.79 1.14 -2.84
NCHELSEA_115KV_TR2 355582	26.88 2.04 0.00	24.47 1.71 0.00	24.31 1.67 0.00	23.82 1.68 0.00	23.78 1.66 0.00	24.71 1.75 0.00	25.72 1.88 -0.38	27.98 1.85 -2.71	26.69 1.93 -1.27	25.84 1.88 -0.50	25.19 1.81 -0.45	22.89 1.63 -0.33	22.26 1.57 -0.28	22.11 1.60 0.00	21.93 1.57 0.00	24.20 1.57 -2.26	27.33 1.73 -3.94	33.24 2.02 -6.83	41.52 2.07 -14.55	35.38 2.01 -8.83	30.48 2.02 -3.58	27.93 1.89 -2.41	25.52 1.70 -2.59	24.84 1.58 -2.46
NEG CAPITAL___MECHNVIL 23645	26.39 1.54 0.00	24.13 1.37 0.00	23.99 1.36 0.00	23.49 1.35 0.00	23.42 1.30 0.00	24.37 1.40 0.00	25.37 1.43 -0.47	28.35 1.59 -3.33	26.68 1.62 -1.57	25.68 1.60 -0.61	25.09 1.60 -0.56	22.78 1.44 -0.41	22.14 1.39 -0.34	21.89 1.37 0.00	21.72 1.36 0.00	24.55 1.39 -2.79	28.06 1.54 -4.87	34.53 1.71 -8.43	44.69 1.82 -17.97	37.20 1.77 -10.90	31.15 1.84 -4.42	28.31 1.70 -2.97	25.89 1.46 -3.19	25.25 1.42 -3.03
NEG CENTRAL_HIGH_ACRES 23767	23.38 -1.47 0.00	21.26 -1.50 0.00	21.23 -1.40 0.00	20.79 -1.35 0.00	20.83 -1.28 0.00	21.84 -1.12 0.00	22.56 -0.96 -0.05	22.54 -1.24 -0.36	22.54 -1.13 -0.17	22.36 -1.17 -0.07	21.87 -1.12 -0.06	19.94 -1.02 -0.04	19.36 -1.08 -0.04	19.30 -1.21 0.00	19.12 -1.24 0.00	19.59 -1.08 -0.30	21.15 -1.04 -0.53	24.23 -1.07 -0.92	25.84 -1.02 -1.95	24.62 -1.10 -1.18	24.30 -1.07 -0.48	22.92 -1.04 -0.32	20.63 -0.96 -0.35	20.30 -0.83 -0.33
NEG CENTRAL___DRP 24199	24.77 -0.07 0.00	22.58 -0.18 0.00	22.52 -0.11 0.00	22.01 -0.13 0.00	22.03 -0.09 0.00	23.01 0.05 0.00	23.60 0.07 -0.06	23.80 -0.02 -0.40	23.68 0.00 -0.19	23.47 -0.07 -0.07	22.88 -0.11 -0.07	20.87 -0.10 -0.05	20.33 -0.12 -0.04	20.39 -0.12 0.00	20.22 -0.14 0.00	20.54 -0.16 -0.34	22.22 -0.02 -0.59	25.50 0.10 -1.02	27.28 0.20 -2.17	25.91 0.05 -1.32	25.50 0.07 -0.53	24.04 0.05 -0.36	21.60 -0.02 -0.39	21.21 0.04 -0.37
NEG CENTRAL___INDECK 23768	25.24 0.40 0.00	22.92 0.16 0.00	22.88 0.25 0.00	22.43 0.29 0.00	22.47 0.35 0.00	23.59 0.62 0.00	24.20 0.66 -0.08	24.37 0.40 -0.55	24.22 0.47 -0.26	23.87 0.30 -0.10	23.18 0.16 -0.09	21.10 0.11 -0.07	20.53 0.06 -0.06	20.58 0.06 0.00	20.36 0.00 0.00	20.87 0.04 -0.46	22.82 0.37 -0.80	26.41 0.63 -1.39	28.63 0.77 -2.95	26.94 0.61 -1.79	26.31 0.70 -0.73	24.74 0.61 -0.49	22.18 0.42 -0.52	21.80 0.50 -0.50

NEG CENTRAL___SENECA 23627	24.97 0.12 0.00	22.74 -0.02 0.00	22.72 0.09 0.00	22.18 0.04 0.00	22.21 0.09 0.00	23.24 0.28 0.00	23.81 0.28 -0.06	24.03 0.16 -0.44	23.87 0.16 -0.21	23.62 0.07 -0.08	23.03 0.02 -0.07	20.98 0.00 -0.05	20.43 -0.02 -0.05	20.51 0.00 0.00	20.32 -0.04 0.00	20.66 -0.08 -0.37	22.41 0.11 -0.65	25.75 0.24 -1.12	27.69 0.40 -2.39	26.21 0.22 -1.45	25.73 0.25 -0.59	24.25 0.21 -0.40	21.77 0.11 -0.43	21.39 0.19 -0.40
NEG CENTRAL___STATE_STREET 24147	24.72 -0.12 0.00	22.56 -0.20 0.00	22.48 -0.16 0.00	21.98 -0.15 0.00	22.01 -0.11 0.00	22.95 -0.02 0.00	23.57 0.05 -0.05	23.79 -0.02 -0.39	23.70 0.02 -0.18	23.49 -0.05 -0.07	22.92 -0.07 -0.07	20.93 -0.04 -0.05	20.39 -0.06 -0.04	20.45 -0.06 0.00	20.26 -0.10 0.00	20.61 -0.08 -0.33	22.25 0.02 -0.57	25.50 0.12 -0.99	27.24 0.22 -2.12	25.92 0.10 -1.28	25.51 0.10 -0.52	24.03 0.05 -0.35	21.57 -0.04 -0.38	21.16 0.00 -0.36
NEG MILLWOOD___DRP 24198	27.06 2.21 0.00	24.61 1.84 0.00	24.44 1.81 0.00	23.95 1.82 0.00	23.89 1.77 0.00	24.83 1.86 0.00	25.87 2.02 -0.38	28.20 2.04 -2.74	26.92 2.14 -1.29	26.11 2.14 -0.50	25.45 2.06 -0.46	23.08 1.82 -0.34	22.49 1.80 -0.28	22.30 1.78 0.00	22.11 1.75 0.00	24.43 1.77 -2.29	27.58 1.93 -3.99	33.57 2.27 -6.92	41.96 2.32 -14.74	35.76 2.28 -8.94	30.80 2.29 -3.62	28.23 2.15 -2.44	25.75 1.89 -2.62	25.04 1.75 -2.49
NEG NORTH_FLCN_SEA 23793	24.87 0.02 0.00	22.95 0.18 0.00	22.84 0.20 0.00	22.34 0.20 0.00	22.27 0.15 0.00	22.97 0.00 0.00	23.28 -0.19 0.00	23.28 -0.14 0.00	23.07 -0.42 0.00	23.14 -0.33 0.00	22.49 -0.44 0.00	20.44 -0.48 0.00	19.86 -0.55 0.00	19.46 -0.64 0.42	19.74 -0.61 0.01	19.80 -0.57 0.00	21.07 -0.58 0.00	20.11 -0.80 3.47	18.61 -0.85 5.44	19.53 -0.83 4.17	18.49 -0.92 5.48	18.57 -0.90 4.17	18.62 -0.85 1.76	18.76 -0.81 1.23
NEG NORTH_KES_CHATEGAY 23792	24.55 -0.30 0.00	22.65 -0.11 0.00	22.52 -0.11 0.00	22.03 -0.11 0.00	21.96 -0.15 0.00	22.65 -0.32 0.00	22.95 -0.52 0.00	22.95 -0.47 0.00	22.79 -0.70 0.00	22.84 -0.63 0.00	22.22 -0.71 0.00	20.19 -0.73 0.00	19.63 -0.78 0.00	19.26 -0.84 0.42	19.56 -0.79 0.01	19.61 -0.75 0.00	20.86 -0.80 0.00	19.95 -1.02 3.41	18.46 -1.10 5.35	19.38 -1.06 4.10	18.36 -1.14 5.38	18.45 -1.09 4.09	18.48 -1.02 1.73	18.62 -0.98 1.20
NEG NORTH___ALICE_FALLS 23915	24.92 0.07 0.00	23.01 0.25 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.32 0.20 0.00	22.99 0.02 0.00	23.30 -0.16 0.00	23.33 -0.09 0.00	23.12 -0.38 0.00	23.19 -0.28 0.00	22.54 -0.39 0.00	20.48 -0.44 0.00	19.92 -0.49 0.00	19.50 -0.59 0.42	19.80 -0.55 0.01	19.86 -0.51 0.00	21.14 -0.52 0.00	20.22 -0.71 3.46	18.73 -0.75 5.43	19.64 -0.74 4.16	18.60 -0.82 5.46	18.65 -0.83 4.15	18.67 -0.81 1.76	18.81 -0.77 1.22
NEG NORTH___LWR_SARANAC 23913	24.92 0.07 0.00	23.01 0.25 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.32 0.20 0.00	22.99 0.02 0.00	23.30 -0.16 0.00	23.33 -0.09 0.00	23.12 -0.38 0.00	23.19 -0.28 0.00	22.54 -0.39 0.00	20.48 -0.44 0.00	19.92 -0.49 0.00	19.50 -0.59 0.42	19.80 -0.55 0.01	19.86 -0.51 0.00	21.14 -0.52 0.00	20.22 -0.71 3.46	18.73 -0.75 5.43	19.64 -0.74 4.16	18.60 -0.82 5.46	18.65 -0.83 4.15	18.67 -0.81 1.76	18.81 -0.77 1.22
NEG NORTH___PLATTSBURG 23628	24.97 0.12 0.00	23.01 0.25 0.00	22.88 0.25 0.00	22.38 0.24 0.00	22.32 0.20 0.00	22.99 0.02 0.00	23.33 -0.14 0.00	23.35 -0.07 0.00	23.12 -0.38 0.00	23.19 -0.28 0.00	22.54 -0.39 0.00	20.48 -0.44 0.00	19.92 -0.49 0.00	19.50 -0.60 0.42	19.80 -0.55 0.01	19.86 -0.51 0.00	21.14 -0.52 0.00	20.21 -0.71 3.46	18.75 -0.72 5.43	19.64 -0.74 4.16	18.60 -0.82 5.46	18.65 -0.83 4.15	18.67 -0.81 1.76	18.83 -0.75 1.22
NEG WEST_LEA_LOCKPORT 23791	22.93 -1.91 0.00	20.81 -1.96 0.00	21.05 -1.58 0.00	20.37 -1.77 0.00	20.37 -1.75 0.00	21.54 -1.42 0.00	21.88 -1.64 -0.06	21.75 -2.08 -0.42	21.72 -1.97 -0.20	21.50 -2.04 -0.08	21.00 -1.99 -0.07	19.13 -1.84 -0.05	18.57 -1.88 -0.04	18.65 -1.87 0.00	18.38 -1.97 0.00	18.72 -2.00 -0.35	20.29 -1.97 -0.61	23.24 -2.19 -1.05	24.98 -2.17 -2.24	23.69 -2.21 -1.36	23.35 -2.09 -0.55	22.07 -1.94 -0.37	20.06 -1.57 -0.40	20.14 -1.04 -0.38
NEG WEST___LANCASTER 23811	23.90 -0.94 0.00	21.69 -1.07 0.00	21.89 -0.75 0.00	21.23 -0.91 0.00	21.21 -0.91 0.00	22.39 -0.57 0.00	21.56 -1.97 -0.07	21.60 -2.30 -0.47	21.53 -2.18 -0.22	21.28 -2.28 -0.09	20.78 -2.22 -0.08	18.93 -2.05 -0.06	18.66 -1.80 -0.05	19.59 -0.92 0.00	19.30 -1.06 0.00	18.52 -2.24 -0.40	20.12 -2.23 -0.69	23.14 -2.44 -1.20	25.01 -2.44 -2.55	23.58 -2.50 -1.54	23.20 -2.31 -0.63	21.91 -2.15 -0.42	19.88 -1.80 -0.45	19.84 -1.39 -0.43
NEG_PENN_ALLEGHNY 23528	25.12 0.27 0.00	22.92 0.16 0.00	22.84 0.20 0.00	22.36 0.22 0.00	22.38 0.27 0.00	23.33 0.37 0.00	23.88 0.28 -0.13	24.55 0.21 -0.91	24.18 0.26 -0.43	23.85 0.21 -0.17	23.24 0.16 -0.15	21.18 0.15 -0.11	20.66 0.16 -0.09	20.76 0.25 0.00	20.56 0.20 0.00	21.19 0.06 -0.77	23.16 0.17 -1.33	26.99 0.29 -2.31	30.15 0.32 -4.93	27.77 0.25 -2.99	26.40 0.30 -1.21	24.74 0.28 -0.81	22.34 0.23 -0.87	21.90 0.27 -0.83
NEG___GEN_MONROE 24207	23.63 -1.22 0.00	21.49 -1.27 0.00	21.59 -1.04 0.00	20.99 -1.15 0.00	21.01 -1.11 0.00	22.10 -0.87 0.00	22.75 -0.77 -0.05	22.72 -1.08 -0.37	22.68 -0.99 -0.17	22.50 -1.03 -0.07	22.00 -0.99 -0.06	20.07 -0.90 -0.05	19.47 -0.98 -0.04	19.39 -1.13 0.00	19.16 -1.20 0.00	19.64 -1.04 -0.31	21.25 -0.95 -0.54	24.35 -0.98 -0.94	25.98 -0.92 -2.00	24.74 -1.01 -1.21	24.48 -0.90 -0.49	23.09 -0.87 -0.33	20.85 -0.74 -0.36	20.70 -0.44 -0.34
NEPA___ENERGY 23901	23.68 -1.17 0.00	21.49 -1.27 0.00	21.66 -0.97 0.00	21.05 -1.08 0.00	21.01 -1.11 0.00	22.19 -0.78 0.00	22.22 -1.31 -0.07	22.26 -1.64 -0.48	22.19 -1.53 -0.22	21.94 -1.62 -0.09	21.43 -1.58 -0.08	19.50 -1.49 -0.06	19.05 -1.41 -0.05	19.41 -1.11 0.00	19.14 -1.22 0.00	19.05 -1.71 -0.40	20.70 -1.65 -0.69	23.78 -1.80 -1.20	25.67 -1.79 -2.56	24.25 -1.84 -1.55	23.90 -1.62 -0.63	22.59 -1.47 -0.42	20.50 -1.19 -0.45	20.46 -0.77 -0.43
NEVERSINK___HYD 23608	26.49 1.64 0.00	24.08 1.32 0.00	23.92 1.29 0.00	23.44 1.31 0.00	23.36 1.24 0.00	24.23 1.26 0.00	25.24 1.43 -0.34	27.28 1.45 -2.41	26.11 1.48 -1.13	25.32 1.41 -0.44	24.64 1.31 -0.40	22.35 1.13 -0.30	21.74 1.08 -0.25	21.60 1.09 0.00	21.44 1.08 0.00	23.48 1.10 -2.02	26.47 1.30 -3.51	32.08 1.61 -6.08	39.51 1.64 -12.96	33.97 1.57 -7.86	29.64 1.57 -3.19	27.22 1.44 -2.14	24.81 1.27 -2.30	24.22 1.23 -2.19
NEWKRMKL_115KV_TB1 55635	25.79 0.94 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.02 0.89 0.00	22.98 0.86 0.00	23.84 0.87 0.00	24.85 0.92 -0.46	27.67 0.94 -3.32	26.06 1.01 -1.56	25.09 1.01 -0.61	24.49 1.01 -0.55	22.29 0.96 -0.41	21.69 0.94 -0.34	21.46 0.94 0.00	21.29 0.94 0.00	24.03 0.90 -2.76	27.38 0.91 -4.82	33.71 0.98 -8.34	43.70 1.02 -17.78	36.30 0.98 -10.78	30.28 1.02 -4.37	27.57 0.99 -2.94	25.34 0.93 -3.17	24.81 1.00 -3.02

NEWTON___FALLS_HYD 23847	24.40 -0.45 0.00	22.40 -0.36 0.00	22.27 -0.36 0.00	21.70 -0.44 0.00	21.59 -0.53 0.00	22.28 -0.69 0.00	22.78 -0.70 -0.01	22.87 -0.63 -0.08	22.81 -0.73 -0.04	22.80 -0.68 -0.02	22.23 -0.71 -0.01	20.26 -0.67 -0.01	19.72 -0.69 -0.01	19.57 -0.72 0.22	19.64 -0.71 0.00	19.78 -0.65 -0.07	21.11 -0.67 -0.12	22.13 -0.63 1.63	21.85 -0.62 2.43	21.94 -0.66 1.93	21.43 -0.67 2.79	20.78 -0.73 2.13	19.72 -0.66 0.85	19.52 -0.71 0.57
NGRID_A1_DSASP 323792	22.34 -2.51 0.00	20.15 -2.62 0.00	20.26 -2.38 0.00	19.84 -2.30 0.00	19.91 -2.21 0.00	21.06 -1.91 0.00	21.58 -1.95 -0.06	21.27 -2.58 -0.42	21.37 -2.33 -0.20	21.15 -2.39 -0.08	20.68 -2.31 -0.07	18.82 -2.15 -0.05	18.29 -2.16 -0.04	18.26 -2.26 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	19.96 -2.32 -0.62	22.89 -2.56 -1.07	24.54 -2.64 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.75 -1.89 -0.40	19.67 -1.52 -0.38
NGRID_A2_DSASP 323793	22.34 -2.51 0.00	20.15 -2.62 0.00	20.26 -2.38 0.00	19.84 -2.30 0.00	19.91 -2.21 0.00	21.06 -1.91 0.00	21.58 -1.95 -0.06	21.27 -2.58 -0.42	21.37 -2.33 -0.20	21.15 -2.39 -0.08	20.68 -2.31 -0.07	18.82 -2.15 -0.05	18.29 -2.16 -0.04	18.26 -2.26 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	19.96 -2.32 -0.62	22.89 -2.56 -1.07	24.54 -2.64 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.75 -1.89 -0.40	19.67 -1.52 -0.38
NGRID_A4_DSASP 323807	22.34 -2.51 0.00	20.15 -2.62 0.00	20.26 -2.38 0.00	19.84 -2.30 0.00	19.91 -2.21 0.00	21.06 -1.91 0.00	21.58 -1.95 -0.06	21.27 -2.58 -0.42	21.37 -2.33 -0.20	21.15 -2.39 -0.08	20.68 -2.31 -0.07	18.82 -2.15 -0.05	18.29 -2.16 -0.04	18.26 -2.26 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	19.96 -2.32 -0.62	22.89 -2.56 -1.07	24.54 -2.64 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.75 -1.89 -0.40	19.67 -1.52 -0.38
NIAGARA_115E_LBMP 323715	22.29 -2.56 0.00	20.31 -2.46 0.00	20.42 -2.22 0.00	19.99 -2.15 0.00	20.06 -2.06 0.00	21.22 -1.75 0.00	21.58 -1.95 -0.06	21.27 -2.58 -0.42	21.37 -2.33 -0.20	21.15 -2.39 -0.08	20.68 -2.31 -0.07	18.82 -2.15 -0.05	18.29 -2.16 -0.04	18.32 -2.19 0.00	18.06 -2.30 0.00	18.44 -2.28 -0.35	19.98 -2.30 -0.62	22.90 -2.56 -1.07	24.57 -2.61 -2.28	23.34 -2.58 -1.38	22.98 -2.46 -0.56	21.72 -2.29 -0.38	19.75 -1.89 -0.40	19.67 -1.52 -0.38
NIAGARA_115W_LBMP 323714	22.29 -2.56 0.00	20.10 -2.66 0.00	20.21 -2.42 0.00	19.79 -2.35 0.00	19.86 -2.26 0.00	21.02 -1.95 0.00	21.53 -1.99 -0.06	21.22 -2.62 -0.42	21.32 -2.37 -0.20	21.11 -2.44 -0.08	20.64 -2.36 -0.07	18.78 -2.20 -0.05	18.25 -2.20 -0.04	18.22 -2.30 0.00	17.98 -2.38 0.00	18.42 -2.30 -0.35	19.91 -2.36 -0.62	22.84 -2.61 -1.07	24.49 -2.69 -2.27	23.27 -2.65 -1.38	22.91 -2.54 -0.56	21.65 -2.36 -0.38	19.71 -1.93 -0.40	19.62 -1.56 -0.38
NIAGARA_230_LBMP 323716	22.56 -2.29 0.00	20.47 -2.30 0.00	20.57 -2.06 0.00	20.15 -1.99 0.00	20.22 -1.90 0.00	21.38 -1.58 0.00	21.86 -1.67 -0.06	21.57 -2.27 -0.42	21.67 -2.02 -0.20	21.46 -2.09 -0.08	20.96 -2.04 -0.07	19.09 -1.88 -0.05	18.55 -1.90 -0.04	18.56 -1.95 0.00	18.30 -2.06 0.00	18.70 -2.02 -0.35	20.23 -2.04 -0.61	23.18 -2.27 -1.06	24.86 -2.29 -2.25	23.62 -2.28 -1.37	23.28 -2.17 -0.55	22.00 -2.01 -0.37	20.00 -1.63 -0.40	19.91 -1.27 -0.38
NIAGARA___115KV_198_GIBSON 55903	22.34 -2.51 0.00	20.31 -2.46 0.00	20.55 -2.08 0.00	19.86 -2.28 0.00	19.88 -2.23 0.00	21.02 -1.95 0.00	21.51 -2.02 -0.06	21.36 -2.48 -0.42	21.32 -2.37 -0.20	21.11 -2.44 -0.08	20.64 -2.36 -0.07	18.80 -2.18 -0.05	18.25 -2.20 -0.04	18.24 -2.28 0.00	17.98 -2.38 0.00	18.42 -2.30 -0.35	19.95 -2.32 -0.62	22.84 -2.61 -1.07	24.54 -2.64 -2.27	23.27 -2.65 -1.38	22.91 -2.54 -0.56	21.65 -2.36 -0.38	19.73 -1.91 -0.40	19.79 -1.39 -0.38
NIAGARA____ 23760	22.56 -2.29 0.00	20.47 -2.30 0.00	20.57 -2.06 0.00	20.15 -1.99 0.00	20.22 -1.90 0.00	21.38 -1.58 0.00	21.86 -1.67 -0.06	21.57 -2.27 -0.42	21.67 -2.02 -0.20	21.46 -2.09 -0.08	20.96 -2.04 -0.07	19.09 -1.88 -0.05	18.55 -1.90 -0.04	18.56 -1.95 0.00	18.30 -2.06 0.00	18.70 -2.02 -0.35	20.23 -2.04 -0.61	23.18 -2.27 -1.06	24.88 -2.29 -2.27	23.63 -2.28 -1.37	23.28 -2.17 -0.56	22.00 -2.01 -0.37	20.00 -1.63 -0.40	19.91 -1.27 -0.38
NINE_MILE_1 23575	23.83 -1.02 0.00	21.79 -0.98 0.00	21.68 -0.95 0.00	21.23 -0.91 0.00	21.23 -0.89 0.00	22.10 -0.87 0.00	22.66 -0.84 -0.03	22.75 -0.89 -0.21	22.73 -0.87 -0.10	22.62 -0.89 -0.04	22.09 -0.87 -0.04	20.18 -0.77 -0.03	19.70 -0.73 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.19 -0.78 -0.31	24.08 -0.85 -0.54	25.22 -0.85 -1.16	24.36 -0.88 -0.70	24.30 -0.87 -0.28	22.98 -0.85 -0.19	20.68 -0.76 -0.21	20.27 -0.73 -0.20
NINE_MILE_2 23744	23.85 -0.99 0.00	21.79 -0.98 0.00	21.68 -0.95 0.00	21.23 -0.91 0.00	21.23 -0.89 0.00	22.10 -0.87 0.00	22.66 -0.84 -0.03	22.75 -0.89 -0.21	22.73 -0.87 -0.10	22.62 -0.89 -0.04	22.09 -0.87 -0.04	20.18 -0.77 -0.03	19.70 -0.73 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.19 -0.78 -0.31	24.07 -0.85 -0.54	25.24 -0.82 -1.16	24.38 -0.86 -0.70	24.30 -0.87 -0.28	22.98 -0.85 -0.19	20.68 -0.76 -0.21	20.27 -0.73 -0.19
NM_CAPITAL___DRP 24208	25.89 1.04 0.00	23.72 0.96 0.00	23.58 0.95 0.00	23.09 0.95 0.00	23.07 0.95 0.00	23.93 0.96 0.00	24.94 1.01 -0.46	27.76 1.03 -3.31	26.15 1.10 -1.55	25.18 1.10 -0.61	24.58 1.10 -0.55	22.37 1.05 -0.40	21.75 1.00 -0.34	21.54 1.03 0.00	21.36 1.00 0.00	24.10 0.98 -2.75	27.45 1.00 -4.80	33.77 1.07 -8.31	43.73 1.12 -17.71	36.38 1.10 -10.74	30.38 1.14 -4.35	27.65 1.09 -2.93	25.42 1.02 -3.17	24.87 1.06 -3.01
NM_CENTRAL___DRP 24181	24.35 -0.50 0.00	22.24 -0.52 0.00	22.16 -0.48 0.00	21.70 -0.44 0.00	21.70 -0.42 0.00	22.60 -0.37 0.00	23.18 -0.33 -0.04	23.31 -0.40 -0.29	23.28 -0.35 -0.14	23.12 -0.40 -0.05	22.59 -0.39 -0.05	20.63 -0.33 -0.04	20.11 -0.33 -0.03	20.16 -0.35 0.00	19.97 -0.39 0.00	20.24 -0.37 -0.24	21.75 -0.32 -0.42	24.80 -0.32 -0.73	26.21 -0.25 -1.56	25.16 -0.32 -0.94	24.95 -0.32 -0.38	23.56 -0.33 -0.26	21.19 -0.32 -0.28	20.79 -0.27 -0.26
NM_FRONTIER___DRP 24179	22.34 -2.51 0.00	20.31 -2.46 0.00	20.55 -2.08 0.00	19.86 -2.28 0.00	19.88 -2.23 0.00	21.02 -1.95 0.00	21.51 -2.02 -0.06	21.36 -2.48 -0.42	21.32 -2.37 -0.20	21.11 -2.44 -0.08	20.64 -2.36 -0.07	18.80 -2.18 -0.05	18.25 -2.20 -0.04	18.24 -2.28 0.00	17.98 -2.38 0.00	18.42 -2.30 -0.35	19.95 -2.32 -0.62	22.84 -2.61 -1.07	24.54 -2.64 -2.27	23.27 -2.65 -1.38	22.91 -2.54 -0.56	21.65 -2.36 -0.38	19.73 -1.91 -0.40	19.79 -1.39 -0.38
NM_ST_REGIS___HYD 24053	24.18 -0.67 0.00	22.29 -0.48 0.00	22.14 -0.50 0.00	21.56 -0.58 0.00	21.50 -0.62 0.00	22.10 -0.87 0.00	22.46 -1.01 0.00	22.53 -0.89 0.00	22.44 -1.06 0.00	22.51 -0.96 0.00	21.92 -1.01 0.00	19.98 -0.94 0.00	19.43 -0.98 0.00	19.16 -1.01 0.35	19.39 -0.96 0.01	19.45 -0.92 0.00	20.66 -1.00 0.00	20.37 -1.15 2.87	19.27 -1.15 4.49	19.94 -1.15 3.44	19.20 -1.17 4.52	19.04 -1.16 3.44	18.78 -1.00 1.45	18.75 -1.04 1.01

NORTHPORT___1 23551	32.91 2.58 -5.48	31.35 2.23 -6.35	27.34 2.17 -2.53	27.44 2.17 -3.13	27.50 2.19 -3.19	30.17 2.25 -4.95	32.95 2.40 -7.09	31.59 2.44 -5.73	27.33 2.56 -1.28	26.48 2.51 -0.50	25.79 2.41 -0.45	23.37 2.11 -0.33	22.77 2.08 -0.28	22.71 2.20 0.00	23.05 2.20 -0.49	30.00 2.18 -7.45	34.09 2.36 -10.07	40.27 2.63 -13.25	42.15 2.59 -14.66	39.61 2.60 -12.47	38.40 2.66 -10.85	36.54 2.60 -10.30	33.27 2.34 -9.70	26.74 2.31 -3.63
NORTHPORT___2 23552	32.91 2.58 -5.48	31.35 2.23 -6.35	27.34 2.17 -2.53	27.44 2.17 -3.13	27.50 2.19 -3.19	30.17 2.25 -4.95	32.95 2.40 -7.09	31.59 2.44 -5.73	27.33 2.56 -1.28	26.48 2.51 -0.50	25.79 2.41 -0.45	23.37 2.11 -0.33	22.77 2.08 -0.28	22.71 2.20 0.00	23.05 2.20 -0.49	30.00 2.18 -7.45	34.09 2.36 -10.07	40.27 2.63 -13.25	42.15 2.59 -14.66	39.61 2.60 -12.47	38.40 2.66 -10.85	36.54 2.60 -10.30	33.27 2.34 -9.70	26.74 2.31 -3.63
NORTHPORT___3 23553	32.79 2.46 -5.48	31.21 2.09 -6.35	27.23 2.06 -2.53	27.30 2.04 -3.13	27.36 2.06 -3.19	30.03 2.11 -4.95	32.81 2.25 -7.09	31.47 2.32 -5.73	27.17 2.40 -1.28	26.32 2.35 -0.50	25.65 2.27 -0.45	23.25 1.99 -0.33	22.65 1.96 -0.28	22.58 2.07 0.00	22.91 2.06 -0.49	29.88 2.06 -7.45	33.96 2.23 -10.07	40.15 2.51 -13.25	42.05 2.49 -14.66	39.49 2.48 -12.47	38.25 2.51 -10.85	36.39 2.46 -10.30	33.17 2.23 -9.70	26.57 2.14 -3.63
NORTHPORT___4 23650	32.79 2.46 -5.48	31.21 2.09 -6.35	27.23 2.06 -2.53	27.30 2.04 -3.13	27.36 2.06 -3.19	30.03 2.11 -4.95	32.81 2.25 -7.09	31.47 2.32 -5.73	27.17 2.40 -1.28	26.32 2.35 -0.50	25.65 2.27 -0.45	23.25 1.99 -0.33	22.65 1.96 -0.28	22.58 2.07 0.00	22.91 2.06 -0.49	29.88 2.06 -7.45	33.96 2.23 -10.07	40.15 2.51 -13.25	42.05 2.49 -14.66	39.49 2.48 -12.47	38.25 2.51 -10.85	36.39 2.46 -10.30	33.17 2.23 -9.70	26.57 2.14 -3.63
NORTHPORT___IC 23718	32.91 2.58 -5.48	31.35 2.23 -6.35	27.34 2.17 -2.53	27.44 2.17 -3.13	27.52 2.21 -3.19	30.26 2.34 -4.95	33.04 2.49 -7.09	31.62 2.46 -5.74	27.34 2.56 -1.28	26.46 2.49 -0.50	25.79 2.41 -0.45	23.37 2.11 -0.33	22.77 2.08 -0.28	22.69 2.17 0.00	23.05 2.20 -0.49	30.00 2.18 -7.45	34.09 2.36 -10.07	40.27 2.63 -13.25	42.17 2.61 -14.66	39.61 2.60 -12.47	38.40 2.66 -10.85	36.54 2.60 -10.30	33.28 2.34 -9.71	26.66 2.23 -3.63
NORTH___COUNTRY_ESR 323785	24.47 -0.37 0.00	22.56 -0.21 0.00	22.43 -0.20 0.00	21.94 -0.20 0.00	21.87 -0.24 0.00	22.56 -0.41 0.00	22.91 -0.56 0.00	22.88 -0.54 0.00	22.72 -0.77 0.00	22.74 -0.73 0.00	22.15 -0.78 0.00	20.13 -0.80 0.00	19.57 -0.84 0.00	19.20 -0.90 0.41	19.48 -0.87 0.01	19.53 -0.84 0.00	20.75 -0.91 0.00	19.85 -1.12 3.41	18.36 -1.19 5.35	19.26 -1.18 4.10	18.26 -1.24 5.38	18.34 -1.20 4.09	18.40 -1.11 1.73	18.54 -1.06 1.20
NPX_GEN_1385_PROXY 323591	32.81 2.48 -5.48	31.26 2.14 -6.35	27.27 2.11 -2.53	27.35 2.08 -3.13	27.41 2.10 -3.19	30.10 2.18 -4.95	32.86 2.30 -7.09	31.52 2.36 -5.73	27.54 2.77 -1.28	26.62 2.65 -0.50	26.06 2.68 -0.45	23.58 2.32 -0.33	22.99 2.31 -0.28	22.93 2.42 0.00	23.27 2.42 -0.49	30.00 2.18 -7.45	34.00 2.27 -10.07	40.49 2.85 -13.25	42.25 2.69 -14.66	39.56 2.55 -12.47	38.32 2.59 -10.85	36.44 2.50 -10.30	33.19 2.25 -9.70	26.82 2.39 -3.63
NPX_GEN_CSC 323557	33.14 2.81 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.94 2.79 -5.73	27.59 2.82 -1.28	26.67 2.70 -0.50	25.95 2.57 -0.45	23.50 2.24 -0.33	22.89 2.20 -0.28	22.85 2.34 0.00	23.21 2.36 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.70	26.99 2.56 -3.63
NSINS_S_GLNS_FALLS 23858	26.14 1.29 0.00	23.86 1.09 0.00	23.70 1.06 0.00	23.22 1.08 0.00	23.14 1.02 0.00	24.09 1.13 0.00	25.14 1.20 -0.47	28.13 1.31 -3.40	26.39 1.29 -1.60	25.39 1.29 -0.63	24.77 1.28 -0.56	22.49 1.15 -0.42	21.56 1.06 -0.35	21.38 1.05 0.00	24.27 1.02 0.00	27.82 1.08 -2.83	34.31 1.23 -4.93	44.58 1.39 -8.53	37.01 1.45 -18.18	30.92 1.57 -11.03	28.04 1.39 -4.47	25.64 1.15 -3.01	24.98 1.08 -3.26	
NUCOR_STEEL___DRP 24197	24.72 -0.12 0.00	22.56 -0.20 0.00	22.48 -0.16 0.00	21.98 -0.15 0.00	22.01 -0.11 0.00	22.95 -0.02 0.00	23.55 0.02 -0.05	23.75 -0.05 -0.38	23.65 -0.02 -0.18	23.47 -0.07 -0.07	22.90 -0.09 -0.06	20.89 -0.08 -0.05	20.37 -0.08 -0.04	20.41 -0.10 0.00	20.24 -0.12 0.00	20.56 -0.12 -0.32	22.19 -0.02 -0.55	25.42 0.07 -0.96	27.09 0.15 -2.04	25.82 0.05 -1.24	25.44 0.05 -0.50	24.00 0.02 -0.34	21.55 -0.04 -0.36	21.14 0.00 -0.34
NUMBER_THREE_WT_PWR 323818	25.07 0.22 0.00	22.95 0.18 0.00	22.79 0.16 0.00	22.27 0.13 0.00	22.03 -0.09 0.00	22.85 -0.11 0.00	23.41 -0.07 -0.02	23.51 -0.02 -0.11	23.45 -0.09 -0.05	23.44 -0.05 -0.02	22.86 -0.09 -0.02	20.81 -0.12 -0.01	20.28 -0.14 -0.01	20.24 -0.18 0.09	20.15 -0.20 0.00	20.32 -0.14 -0.09	21.73 -0.09 -0.16	24.06 0.10 0.42	24.50 0.10 0.50	24.10 0.05 0.48	23.97 0.05 0.97	22.79 -0.09 0.75	20.84 -0.15 0.25	20.47 -0.19 0.15
NYISO_LBMP_REFERENCE 24008	24.85 0.00 0.00	22.76 0.00 0.00	22.63 0.00 0.00	22.14 0.00 0.00	22.12 0.00 0.00	22.97 0.00 0.00	23.47 0.00 0.00	23.42 0.00 0.00	23.49 0.00 0.00	23.47 0.00 0.00	22.93 0.00 0.00	20.92 0.00 0.00	20.41 0.00 0.00	20.51 0.00 0.00	20.36 0.00 0.00	20.37 0.00 0.00	21.66 0.00 0.00	24.39 0.00 0.00	24.90 0.00 0.00	24.54 0.00 0.00	24.89 0.00 0.00	23.64 0.00 0.00	21.23 0.00 0.00	20.80 0.00 0.00
NYPA_BRENTWD___GT 24164	33.21 2.88 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.70 2.44 -3.13	27.76 2.45 -3.19	30.47 2.55 -4.95	33.23 2.67 -7.09	31.87 2.72 -5.73	27.57 2.79 -1.28	26.69 2.72 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.93 2.24 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.20 2.38 -7.45	34.35 2.62 -10.07	40.63 3.00 -13.25	42.55 2.99 -14.66	40.00 2.99 -12.47	38.77 3.04 -10.85	36.82 2.88 -10.30	33.53 2.59 -9.70	26.94 2.52 -3.63
NYPA_GOWANUS___GT5 24156	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48
NYPA_GOWANUS___GT6 24157	27.29 2.44 -0.01	24.82 2.05 -0.01	24.61 1.97 -0.01	24.10 1.95 -0.01	24.09 1.97 -0.01	25.00 2.02 -0.01	26.01 2.16 -0.39	28.37 2.23 -2.72	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.30 2.03 -0.34	23.02 2.00 -0.61	22.55 2.03 -0.01	22.36 2.00 -0.01	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.96 2.46 -3.61	31.32 2.39 -5.29	28.31 2.19 -4.88	25.41 2.12 -2.48

NYPA_HARLEM__RVR__GT1 24160	27.04 2.19 -0.01	24.59 1.82 -0.01	24.45 1.81 -0.01	23.94 1.79 -0.01	23.94 1.81 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.95 2.19 -1.27	26.17 2.21 -0.49	25.51 2.13 -0.45	23.20 1.95 -0.33	23.21 1.92 -0.88	22.46 1.95 0.01	22.22 1.87 0.01	24.57 1.91 -2.29	27.66 2.04 -3.96	33.60 2.34 -6.87	41.87 2.32 -14.65	35.73 2.31 -8.88	30.77 2.29 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.61	25.28 2.00 -2.48
NYPA_HARLEM__RVR__GT2 24161	27.04 2.19 -0.01	24.59 1.82 -0.01	24.45 1.81 -0.01	23.94 1.79 -0.01	23.94 1.81 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.95 2.19 -1.27	26.17 2.21 -0.49	25.51 2.13 -0.45	23.20 1.95 -0.33	23.21 1.92 -0.88	22.46 1.95 0.01	22.22 1.87 0.01	24.57 1.91 -2.29	27.66 2.04 -3.96	33.60 2.34 -6.87	41.87 2.32 -14.65	35.73 2.31 -8.88	30.77 2.29 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.61	25.28 2.00 -2.48
NYPA_KENT____GT 24152	27.22 2.36 -0.01	24.75 1.98 -0.01	24.56 1.92 -0.01	24.05 1.90 -0.01	24.05 1.92 -0.01	24.95 1.98 -0.01	25.97 2.11 -0.39	28.32 2.18 -2.72	27.05 2.28 -1.28	26.25 2.28 -0.50	25.61 2.22 -0.45	23.28 2.01 -0.34	23.00 1.98 -0.61	22.53 2.01 -0.01	22.32 1.95 -0.01	26.04 1.96 -3.72	31.27 2.12 -7.49	33.86 2.44 -7.04	42.02 2.44 -14.68	47.18 2.41 -20.24	30.91 2.41 -3.61	31.27 2.34 -5.29	28.24 2.12 -4.88	25.36 2.08 -2.48
NYPA_POUCH1____GT 24155	27.22 2.36 -0.01	24.75 1.98 -0.01	24.56 1.92 -0.01	24.03 1.88 -0.01	24.05 1.92 -0.01	24.93 1.95 -0.01	25.94 2.09 -0.39	28.29 2.15 -2.72	26.98 2.21 -1.28	26.17 2.21 -0.50	25.54 2.15 -0.45	23.21 1.95 -0.34	22.94 1.92 -0.61	22.47 1.95 -0.01	22.26 1.89 -0.01	26.00 1.91 -3.72	31.22 2.08 -7.49	33.79 2.36 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.84 2.34 -3.61	31.22 2.29 -5.29	28.22 2.10 -4.88	25.34 2.06 -2.48
NYPA_VERNON____GT2 24162	27.17 2.31 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.22 2.08 -7.49	33.82 2.39 -7.04	41.95 2.37 -14.68	47.13 2.36 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
NYPA_VERNON____GT3 24163	27.17 2.31 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.22 2.08 -7.49	33.82 2.39 -7.04	41.95 2.37 -14.68	47.13 2.36 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
NYPA__ASTORIA_CC1 323568	27.14 2.28 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.36 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
NYPA__ASTORIA_CC2 323569	27.14 2.28 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.20 2.06 -7.49	33.79 2.36 -7.04	41.95 2.37 -14.68	47.11 2.33 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
NYPA__HOLTSVILL 23794	33.09 2.76 -5.48	31.53 2.41 -6.35	27.54 2.38 -2.53	27.64 2.37 -3.13	27.72 2.41 -3.19	30.40 2.48 -4.95	33.16 2.60 -7.09	31.80 2.65 -5.73	27.47 2.70 -1.28	26.60 2.63 -0.50	25.88 2.50 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.79 2.28 0.00	23.15 2.30 -0.49	30.12 2.30 -7.45	34.28 2.55 -10.07	40.59 2.95 -13.25	42.50 2.94 -14.66	39.93 2.92 -12.47	38.67 2.94 -10.85	36.77 2.84 -10.30	33.44 2.50 -9.70	26.88 2.45 -3.63
NYPA__HELLGATE_GT1 24158	27.04 2.19 -0.01	24.59 1.82 -0.01	24.45 1.81 -0.01	23.94 1.79 -0.01	23.94 1.81 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.95 2.19 -1.27	26.17 2.21 -0.49	25.51 2.13 -0.45	23.20 1.95 -0.33	22.64 1.92 -0.31	22.46 1.95 0.01	22.22 1.87 0.01	24.57 1.91 -2.29	27.66 2.04 -3.96	33.60 2.34 -6.87	41.87 2.32 -14.65	35.73 2.31 -8.88	30.77 2.29 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.61	25.28 2.00 -2.48
NYPA__HELLGATE_GT2 24159	27.04 2.19 -0.01	24.59 1.82 -0.01	24.45 1.81 -0.01	23.94 1.79 -0.01	23.94 1.81 -0.01	24.84 1.86 -0.01	25.85 1.99 -0.39	28.19 2.06 -2.71	26.95 2.19 -1.27	26.17 2.21 -0.49	25.51 2.13 -0.45	23.20 1.95 -0.33	22.64 1.92 -0.31	22.46 1.95 0.01	22.22 1.87 0.01	24.57 1.91 -2.29	27.66 2.04 -3.96	33.60 2.34 -6.87	41.87 2.32 -14.65	35.73 2.31 -8.88	30.77 2.29 -3.59	28.29 2.22 -2.43	25.91 2.06 -2.61	25.28 2.00 -2.48
NYS_BARGE__HYD 23848	22.68 -2.16 0.00	20.62 -2.14 0.00	20.73 -1.90 0.00	20.30 -1.84 0.00	20.37 -1.75 0.00	21.54 -1.42 0.00	21.91 -1.62 -0.06	21.61 -2.23 -0.41	21.72 -1.97 -0.19	21.50 -2.04 -0.08	21.00 -1.99 -0.07	19.11 -1.86 -0.05	18.59 -1.86 -0.04	18.63 -1.89 0.00	18.38 -1.97 0.00	18.72 -2.00 -0.35	20.27 -1.99 -0.61	23.26 -2.17 -1.05	24.95 -2.19 -2.23	23.71 -2.18 -1.35	23.37 -2.07 -0.55	22.07 -1.94 -0.37	20.04 -1.59 -0.40	19.95 -1.23 -0.38
OAK ORCHARD__HYD 24046	23.60 -1.24 0.00	21.44 -1.32 0.00	21.46 -1.18 0.00	20.99 -1.15 0.00	21.03 -1.08 0.00	22.12 -0.85 0.00	22.86 -0.66 -0.05	22.76 -1.03 -0.37	22.78 -0.89 -0.17	22.60 -0.94 -0.07	22.10 -0.89 -0.06	20.15 -0.82 -0.05	19.55 -0.90 -0.04	19.47 -1.05 0.00	19.26 -1.10 0.00	19.76 -0.92 -0.31	21.35 -0.84 -0.54	24.47 -0.85 -0.93	26.07 -0.82 -1.99	24.86 -0.88 -1.21	24.56 -0.82 -0.49	23.19 -0.78 -0.33	20.89 -0.70 -0.35	20.62 -0.52 -0.34
OAKDALE__35_KV_LOAD 356122	25.12 0.27 0.00	22.90 0.14 0.00	22.84 0.20 0.00	22.34 0.20 0.00	22.34 0.22 0.00	23.31 0.34 0.00	23.83 0.23 -0.13	24.49 0.16 -0.91	24.13 0.21 -0.43	23.78 0.14 -0.17	23.19 0.11 -0.15	21.12 0.08 -0.11	20.62 0.12 -0.09	20.72 0.21 0.00	20.52 0.16 0.00	21.15 0.02 -0.76	23.11 0.13 -1.33	26.88 0.20 -2.30	30.05 0.25 -4.90	27.68 0.17 -2.97	26.32 0.22 -1.20	24.66 0.21 -0.81	22.28 0.17 -0.87	21.86 0.23 -0.83
OCC_CHEM__DRP 24175	22.39 -2.46 0.00	20.35 -2.41 0.00	20.60 -2.04 0.00	19.93 -2.21 0.00	19.93 -2.19 0.00	21.09 -1.88 0.00	21.56 -1.97 -0.06	21.43 -2.41 -0.42	21.37 -2.33 -0.20	21.18 -2.37 -0.08	20.68 -2.32 -0.07	18.84 -2.13 -0.05	18.29 -2.16 -0.04	18.28 -2.24 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	20.00 -2.27 -0.62	22.89 -2.56 -1.07	24.61 -2.57 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.77 -1.87 -0.40	19.85 -1.33 -0.38

OH_GEN_PROXY 24063	22.61 -2.24 0.00	20.51 -2.25 0.00	20.62 -2.01 0.00	20.19 -1.95 0.00	20.26 -1.86 0.00	21.41 -1.56 0.00	21.91 -1.62 -0.06	21.64 -2.20 -0.42	21.74 -1.95 -0.20	21.53 -2.02 -0.08	21.03 -1.97 -0.07	19.16 -1.82 -0.05	18.61 -1.84 -0.04	18.63 -1.89 0.00	18.38 -1.97 0.00	18.76 -1.96 -0.35	20.30 -1.97 -0.61	23.28 -2.17 -1.06	24.98 -2.19 -2.27	23.70 -2.21 -1.37	23.36 -2.09 -0.56	22.07 -1.94 -0.37	20.07 -1.57 -0.40	19.96 -1.23 -0.38
OLIN_CORP_DRP 24177	22.61 -2.24 0.00	20.56 -2.21 0.00	20.80 -1.83 0.00	20.10 -2.04 0.00	20.13 -1.99 0.00	21.27 -1.70 0.00	21.60 -1.92 -0.06	21.48 -2.37 -0.43	21.44 -2.26 -0.20	21.22 -2.32 -0.08	20.73 -2.27 -0.07	18.88 -2.09 -0.05	18.35 -2.10 -0.04	18.38 -2.13 0.00	18.12 -2.24 0.00	18.50 -2.22 -0.36	20.07 -2.21 -0.62	22.97 -2.49 -1.08	24.70 -2.49 -2.29	23.40 -2.53 -1.39	23.06 -2.39 -0.56	21.77 -2.25 -0.38	19.82 -1.83 -0.41	19.90 -1.29 -0.39
OLIN_CORP_DSASP 323712	22.34 -2.51 0.00	20.15 -2.62 0.00	20.26 -2.38 0.00	19.84 -2.30 0.00	19.91 -2.21 0.00	21.06 -1.91 0.00	21.58 -1.95 -0.06	21.27 -2.58 -0.42	21.37 -2.33 -0.20	21.15 -2.39 -0.08	20.68 -2.31 -0.07	18.82 -2.15 -0.05	18.29 -2.16 -0.04	18.26 -2.26 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	19.96 -2.32 -0.62	22.89 -2.56 -1.07	24.54 -2.64 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.75 -1.89 -0.40	19.67 -1.52 -0.38
ONEIDA_HERK_LFGE 323681	25.44 0.60 0.00	23.29 0.52 0.00	23.13 0.50 0.00	22.60 0.47 0.00	22.54 0.42 0.00	23.43 0.46 0.00	23.98 0.49 -0.01	24.03 0.51 -0.10	24.03 0.49 -0.04	24.00 0.52 -0.02	23.43 0.48 -0.02	21.35 0.42 -0.01	20.80 0.39 -0.01	20.84 0.35 0.03	20.68 0.32 0.00	20.79 0.35 -0.08	22.23 0.43 -0.14	25.05 0.63 -0.03	25.73 0.65 -0.18	25.18 0.59 -0.06	25.30 0.62 0.21	23.94 0.47 0.17	21.58 0.36 0.02	21.14 0.33 -0.01
ONEIDA___115KV_TB4 55905	25.59 0.75 0.00	23.40 0.64 0.00	23.29 0.66 0.00	22.76 0.62 0.00	22.78 0.66 0.00	23.73 0.76 0.00	24.29 0.80 -0.03	24.40 0.80 -0.18	24.36 0.78 -0.09	24.28 0.77 -0.03	23.69 0.73 -0.03	21.57 0.63 -0.02	21.04 0.61 -0.02	21.13 0.62 0.00	20.93 0.57 0.00	21.11 0.59 -0.15	22.59 0.67 -0.26	25.72 0.88 -0.46	26.80 0.92 -0.98	25.97 0.83 -0.59	26.00 0.87 -0.24	24.53 0.73 -0.16	22.00 0.59 -0.17	21.57 0.60 -0.17
ONONDAGA_REF_OCCRA 23987	24.55 -0.30 0.00	22.42 -0.34 0.00	22.34 -0.29 0.00	21.85 -0.29 0.00	21.85 -0.27 0.00	22.76 -0.21 0.00	23.35 -0.16 -0.05	23.56 -0.21 -0.35	23.47 -0.19 -0.16	23.32 -0.21 -0.06	22.76 -0.23 -0.06	20.78 -0.19 -0.04	20.26 -0.18 -0.04	20.31 -0.21 0.00	20.13 -0.22 0.00	20.43 -0.22 -0.29	22.01 -0.15 -0.51	25.14 -0.12 -0.88	26.72 -0.05 -1.86	25.55 -0.12 -1.13	25.22 -0.12 -0.46	23.80 -0.14 -0.31	21.40 -0.17 -0.33	20.97 -0.15 -0.32
ONONDAGA___COGEN 23986	24.52 -0.32 0.00	22.40 -0.36 0.00	22.29 -0.34 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.51 -0.23 -0.33	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.19 -0.47	25.06 -0.15 -0.82	26.58 -0.07 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.93 -0.17 -0.30
ONTARIO___LFGE 23819	24.92 0.07 0.00	22.67 -0.09 0.00	22.63 0.00 0.00	22.16 0.02 0.00	22.18 0.07 0.00	23.22 0.25 0.00	23.79 0.26 -0.06	23.98 0.12 -0.44	23.87 0.17 -0.21	23.62 0.07 -0.08	23.03 0.02 -0.07	20.96 -0.02 -0.05	20.43 -0.02 -0.05	20.49 -0.02 0.00	20.32 -0.04 0.00	20.66 -0.08 -0.37	22.39 0.09 -0.65	25.75 0.24 -1.12	27.67 0.37 -2.39	26.21 0.22 -1.45	25.73 0.25 -0.59	24.24 0.21 -0.40	21.77 0.11 -0.42	21.35 0.15 -0.40
ORANGEVILLE_WT_PWR 323706	22.71 -2.14 0.00	20.56 -2.21 0.00	20.69 -1.95 0.00	20.23 -1.90 0.00	20.28 -1.84 0.00	21.41 -1.56 0.00	21.63 -1.90 -0.06	21.37 -2.48 -0.44	21.49 -2.21 -0.20	21.27 -2.28 -0.08	20.78 -2.22 -0.07	18.87 -2.11 -0.05	18.37 -2.08 -0.04	18.58 -1.93 0.00	18.32 -2.04 0.00	18.47 -2.26 -0.37	20.02 -2.27 -0.64	23.00 -2.49 -1.10	24.74 -2.51 -2.35	23.46 -2.50 -1.43	23.15 -2.31 -0.58	21.87 -2.15 -0.39	19.87 -1.78 -0.42	19.85 -1.35 -0.40
ORANGEVILLE___ESR 323794	22.71 -2.14 0.00	20.56 -2.21 0.00	20.69 -1.95 0.00	20.23 -1.90 0.00	20.28 -1.84 0.00	21.41 -1.56 0.00	21.63 -1.90 -0.06	21.37 -2.48 -0.44	21.49 -2.21 -0.20	21.27 -2.28 -0.08	20.78 -2.22 -0.07	18.87 -2.11 -0.05	18.37 -2.08 -0.04	18.58 -1.93 0.00	18.32 -2.04 0.00	18.47 -2.26 -0.37	20.02 -2.27 -0.64	23.00 -2.49 -1.10	24.74 -2.51 -2.35	23.46 -2.50 -1.43	23.15 -2.31 -0.58	21.87 -2.15 -0.39	19.87 -1.78 -0.42	19.85 -1.35 -0.40
OSWEGATCHIE___HYD 24044	24.42 -0.42 0.00	22.42 -0.34 0.00	22.27 -0.36 0.00	21.70 -0.44 0.00	21.59 -0.53 0.00	22.28 -0.69 0.00	22.78 -0.70 -0.01	22.89 -0.61 -0.08	22.81 -0.73 -0.04	22.80 -0.68 -0.02	22.23 -0.71 -0.01	20.26 -0.67 -0.01	19.72 -0.69 -0.01	19.57 -0.72 0.22	19.64 -0.71 0.00	19.78 -0.65 -0.07	21.11 -0.67 -0.12	22.13 -0.63 1.63	21.83 -0.65 2.43	21.94 -0.66 1.93	21.43 -0.67 2.79	20.78 -0.73 2.13	19.72 -0.66 0.85	19.52 -0.71 0.57
OSWEGO___5 23606	24.05 -0.80 0.00	21.97 -0.80 0.00	21.86 -0.77 0.00	21.41 -0.73 0.00	21.41 -0.71 0.00	22.30 -0.67 0.00	22.87 -0.63 -0.03	22.96 -0.70 -0.24	22.93 -0.68 -0.11	22.81 -0.70 -0.04	22.28 -0.69 -0.04	20.35 -0.61 -0.03	19.84 -0.59 -0.02	19.90 -0.61 0.00	19.73 -0.63 0.00	19.96 -0.61 -0.20	21.40 -0.61 -0.35	24.34 -0.66 -0.61	25.58 -0.62 -1.30	24.66 -0.66 -0.79	24.54 -0.67 -0.32	23.19 -0.66 -0.21	20.87 -0.59 -0.23	20.46 -0.56 -0.22
OSWEGO___6 23613	24.05 -0.80 0.00	21.97 -0.80 0.00	21.86 -0.77 0.00	21.41 -0.73 0.00	21.41 -0.71 0.00	22.30 -0.67 0.00	22.87 -0.63 -0.03	22.96 -0.70 -0.24	22.93 -0.68 -0.11	22.81 -0.70 -0.04	22.28 -0.69 -0.04	20.35 -0.61 -0.03	19.84 -0.59 -0.02	19.90 -0.61 0.00	19.73 -0.63 0.00	19.96 -0.61 -0.20	21.40 -0.61 -0.35	24.34 -0.66 -0.61	25.58 -0.62 -1.30	24.66 -0.66 -0.79	24.54 -0.67 -0.32	23.19 -0.66 -0.21	20.87 -0.59 -0.23	20.46 -0.56 -0.22
OUTOKUMPU-AB___DRP 24206	23.06 -1.79 0.00	20.92 -1.84 0.00	21.16 -1.47 0.00	20.48 -1.66 0.00	20.48 -1.64 0.00	21.66 -1.31 0.00	21.96 -1.57 -0.06	21.86 -1.99 -0.43	21.79 -1.90 -0.20	21.58 -1.97 -0.08	21.10 -1.90 -0.07	19.20 -1.78 -0.05	18.68 -1.78 -0.04	18.77 -1.74 0.00	18.51 -1.85 0.00	18.81 -1.91 -0.36	20.40 -1.88 -0.62	23.37 -2.10 -1.08	25.14 -2.07 -2.30	23.82 -2.11 -1.40	23.46 -1.99 -0.57	22.15 -1.87 -0.38	20.14 -1.51 -0.41	20.21 -0.98 -0.39
OXBOW___BTM 323836	22.63 -2.21 0.00	20.47 -2.30 0.00	20.57 -2.06 0.00	20.15 -1.99 0.00	20.19 -1.92 0.00	21.36 -1.61 0.00	21.79 -1.74 -0.06	21.50 -2.34 -0.42	21.60 -2.09 -0.20	21.39 -2.16 -0.08	20.89 -2.11 -0.07	19.03 -1.95 -0.05	18.49 -1.96 -0.04	18.52 -1.99 0.00	18.28 -2.08 0.00	18.64 -2.08 -0.36	20.18 -2.10 -0.62	23.17 -2.29 -1.07	24.83 -2.37 -2.29	23.59 -2.33 -1.39	23.24 -2.22 -0.56	21.96 -2.06 -0.38	19.94 -1.70 -0.41	19.88 -1.31 -0.39

OXBOW____ 24026	22.73 -2.11 0.00	20.67 -2.09 0.00	20.89 -1.74 0.00	20.21 -1.93 0.00	20.22 -1.90 0.00	21.38 -1.58 0.00	21.77 -1.76 -0.06	21.64 -2.20 -0.43	21.60 -2.09 -0.20	21.39 -2.16 -0.08	20.91 -2.09 -0.07	19.03 -1.95 -0.05	18.49 -1.96 -0.04	18.54 -1.97 0.00	18.28 -2.08 0.00	18.64 -2.08 -0.36	20.22 -2.06 -0.62	23.17 -2.29 -1.07	24.90 -2.29 -2.29	23.59 -2.33 -1.39	23.24 -2.22 -0.56	21.96 -2.06 -0.38	19.96 -1.68 -0.41	20.04 -1.14 -0.39
OXY_CHEM_DSASP 323612	22.39 -2.46 0.00	20.35 -2.41 0.00	20.60 -2.04 0.00	19.93 -2.21 0.00	19.93 -2.19 0.00	21.09 -1.88 0.00	21.56 -1.97 -0.06	21.43 -2.41 -0.42	21.37 -2.33 -0.20	21.18 -2.37 -0.08	20.68 -2.32 -0.07	18.84 -2.13 -0.05	18.29 -2.16 -0.04	18.28 -2.24 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	20.00 -2.27 -0.62	22.89 -2.56 -1.07	24.61 -2.57 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.77 -1.87 -0.40	19.85 -1.33 -0.38
OZONE_PARK_ESR 323760	27.28 2.43 0.00	24.79 2.03 0.00	24.60 1.97 0.00	24.07 1.93 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.42 2.27 -2.73	27.12 2.35 -1.28	26.32 2.35 -0.50	25.67 2.29 -0.45	23.31 2.05 -0.33	23.03 2.02 -0.61	22.56 2.05 0.00	22.35 2.00 0.00	24.68 2.02 -2.30	27.79 2.17 -3.97	33.78 2.51 -6.88	42.08 2.52 -14.66	35.91 2.48 -8.89	30.98 2.49 -3.60	28.49 2.41 -2.44	26.03 2.17 -2.63	25.32 2.04 -2.48
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.39 -2.46 0.00	20.35 -2.41 0.00	20.60 -2.04 0.00	19.93 -2.21 0.00	19.93 -2.19 0.00	21.09 -1.88 0.00	21.56 -1.97 -0.06	21.43 -2.41 -0.42	21.37 -2.33 -0.20	21.18 -2.37 -0.08	20.68 -2.32 -0.07	18.84 -2.13 -0.05	18.29 -2.16 -0.04	18.28 -2.24 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	20.00 -2.27 -0.62	22.89 -2.56 -1.07	24.61 -2.57 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.77 -1.87 -0.40	19.85 -1.33 -0.38
PACKARD__115KV_DUPONT_184 80571	22.39 -2.46 0.00	20.35 -2.41 0.00	20.60 -2.04 0.00	19.93 -2.21 0.00	19.93 -2.19 0.00	21.09 -1.88 0.00	21.56 -1.97 -0.06	21.43 -2.41 -0.42	21.37 -2.33 -0.20	21.18 -2.37 -0.08	20.68 -2.32 -0.07	18.84 -2.13 -0.05	18.29 -2.16 -0.04	18.28 -2.24 0.00	18.02 -2.34 0.00	18.46 -2.26 -0.35	20.00 -2.27 -0.62	22.89 -2.56 -1.07	24.61 -2.57 -2.27	23.32 -2.60 -1.38	22.96 -2.49 -0.56	21.70 -2.32 -0.38	19.77 -1.87 -0.40	19.85 -1.33 -0.38
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.03 2.19 0.00	24.63 1.87 0.00	24.44 1.81 0.00	23.95 1.82 0.00	23.98 1.86 0.00	24.92 1.95 0.00	25.94 2.09 -0.38	28.18 2.04 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.45 2.06 -0.45	23.11 1.86 -0.32	22.53 1.84 -0.28	22.36 1.87 0.02	22.15 1.81 0.02	24.47 1.81 -2.29	27.57 1.95 -3.96	33.53 2.27 -6.87	41.82 2.27 -14.65	35.65 2.23 -8.88	30.71 2.24 -3.59	28.22 2.15 -2.43	25.81 1.95 -2.62	25.13 1.85 -2.48
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.36 2.51 0.00	24.93 2.16 0.00	24.76 2.13 0.00	24.24 2.10 0.00	24.26 2.15 0.00	25.22 2.25 0.00	26.24 2.39 -0.38	28.49 2.34 -2.73	27.20 2.42 -1.28	26.39 2.42 -0.50	25.74 2.36 -0.45	23.36 2.11 -0.32	22.77 2.08 -0.28	22.61 2.11 0.02	22.40 2.06 0.02	24.71 2.06 -2.29	27.85 2.23 -3.96	33.82 2.56 -6.87	42.12 2.57 -14.65	35.95 2.53 -8.88	31.01 2.54 -3.59	28.53 2.46 -2.43	26.10 2.25 -2.62	25.42 2.14 -2.48
PATROON__115KV_TB1 80586	25.86 1.02 0.00	23.72 0.96 0.00	23.56 0.93 0.00	23.09 0.95 0.00	23.05 0.93 0.00	23.91 0.94 0.00	24.92 0.99 -0.46	27.75 1.01 -3.33	26.11 1.06 -1.56	25.16 1.08 -0.61	24.56 1.08 -0.55	22.36 1.03 -0.41	21.73 0.98 -0.34	21.50 0.98 0.00	21.33 0.98 0.00	24.10 0.96 -2.77	27.46 0.97 -4.83	33.80 1.05 -8.37	43.83 1.10 -17.83	36.41 1.06 -10.81	30.37 1.10 -4.38	27.65 1.06 -2.95	25.40 0.98 -3.18	24.87 1.04 -3.03
PATTRSNVILLE__SOLAR 323815	26.14 1.29 0.00	23.90 1.14 0.00	23.76 1.13 0.00	23.27 1.13 0.00	23.22 1.11 0.00	24.14 1.17 0.00	25.17 1.22 -0.49	28.08 1.17 -3.49	26.31 1.17 -1.64	25.26 1.15 -0.64	24.63 1.12 -0.58	22.38 1.03 -0.43	21.75 0.98 -0.36	21.50 0.98 0.00	21.31 0.96 0.00	24.27 0.98 -2.93	27.86 1.10 -5.10	34.49 1.27 -8.83	45.04 1.32 -18.82	37.23 1.28 -11.41	30.86 1.34 -4.62	28.00 1.25 -3.11	25.66 1.08 -3.34	25.02 1.04 -3.18
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.75 -1.09 0.00	21.56 -1.21 0.00	21.75 -0.88 0.00	21.10 -1.04 0.00	21.08 -1.04 0.00	22.26 -0.71 0.00	21.77 -1.76 -0.06	21.77 -2.11 -0.46	21.69 -2.02 -0.22	21.46 -2.09 -0.08	20.96 -2.04 -0.08	19.10 -1.88 -0.06	18.74 -1.71 -0.05	19.43 -1.09 0.00	19.16 -1.20 0.00	18.69 -2.06 -0.38	20.29 -2.04 -0.67	23.30 -2.24 -1.16	25.16 -2.22 -2.47	23.75 -2.28 -1.50	23.38 -2.12 -0.61	22.08 -1.96 -0.41	20.04 -1.64 -0.44	20.03 -1.19 -0.42
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.06 2.21 0.00	24.61 1.84 0.00	24.44 1.81 0.00	23.95 1.82 0.00	23.89 1.77 0.00	24.83 1.86 0.00	25.87 2.02 -0.38	28.20 2.04 -2.74	26.92 2.14 -1.29	26.11 2.14 -0.50	25.45 2.06 -0.46	23.08 1.82 -0.34	22.49 1.80 -0.28	22.30 1.78 0.00	22.11 1.75 0.00	24.43 1.77 -2.29	27.58 1.93 -3.99	33.57 2.27 -6.92	41.96 2.32 -14.74	35.76 2.28 -8.94	30.80 2.29 -3.62	28.23 2.15 -2.44	25.75 1.89 -2.62	25.04 1.75 -2.49
PEEKSKILL____ 23653	26.73 1.89 0.00	24.36 1.59 0.00	24.17 1.54 0.00	23.67 1.53 0.00	23.67 1.55 0.00	24.55 1.58 0.00	25.56 1.71 -0.37	27.88 1.78 -2.68	26.63 1.88 -1.26	25.84 1.88 -0.49	25.19 1.81 -0.45	22.87 1.61 -0.33	22.28 1.59 -0.28	22.13 1.62 0.00	21.93 1.57 0.00	24.18 1.57 -2.25	27.26 1.69 -3.92	33.12 1.95 -6.78	41.30 1.94 -14.45	35.24 1.94 -8.76	30.40 1.97 -3.55	27.92 1.89 -2.39	25.52 1.72 -2.57	24.90 1.66 -2.44
PGE MADISON__WINDPWR 24146	27.33 2.48 0.00	24.93 2.16 0.00	24.79 2.15 0.00	24.13 1.99 0.00	24.24 2.12 0.00	25.29 2.32 0.00	25.92 2.32 -0.12	26.62 2.32 -0.88	26.14 2.23 -0.41	25.74 2.11 -0.16	24.93 1.86 -0.15	22.71 1.67 -0.11	22.07 1.57 -0.09	22.03 1.52 0.00	21.82 1.47 0.00	22.55 1.45 -0.74	24.71 1.78 -1.28	29.07 2.46 -2.22	32.22 2.59 -4.73	29.79 2.38 -2.87	28.49 2.44 -1.16	26.50 2.08 -0.78	23.77 1.70 -0.84	23.30 1.71 -0.80
PIERCEFIELD__HYD 23852	24.05 -0.80 0.00	22.17 -0.59 0.00	22.02 -0.61 0.00	21.43 -0.71 0.00	21.37 -0.75 0.00	21.94 -1.03 0.00	22.33 -1.15 -0.01	22.46 -1.01 -0.04	22.34 -1.17 -0.02	22.40 -1.08 -0.01	21.84 -1.10 -0.01	19.90 -1.03 -0.01	19.35 -1.06 0.00	19.11 -1.07 0.34	19.33 -1.02 0.01	19.43 -0.98 -0.04	20.66 -1.06 -0.07	20.51 -1.22 2.65	19.59 -1.22 4.10	20.16 -1.20 3.18	19.36 -1.22 4.31	19.15 -1.21 3.28	18.88 -1.00 1.36	18.80 -1.06 0.94
PINELAWN_CC_1 323563	33.06 2.73 -5.48	31.46 2.35 -6.35	27.48 2.31 -2.53	27.55 2.28 -3.13	27.61 2.30 -3.19	30.28 2.37 -4.95	33.07 2.51 -7.09	31.70 2.55 -5.73	27.40 2.63 -1.28	26.55 2.58 -0.50	25.86 2.48 -0.45	23.44 2.18 -0.33	22.83 2.14 -0.28	22.77 2.26 0.00	23.11 2.26 -0.49	30.08 2.26 -7.45	34.19 2.47 -10.07	40.49 2.85 -13.25	42.40 2.84 -14.66	39.83 2.82 -12.47	38.60 2.86 -10.85	36.65 2.72 -10.30	33.40 2.46 -9.70	26.82 2.39 -3.63

PJM_GEN_HTP_PROXY 323702	27.03 2.19 0.00	24.59 1.82 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.89 1.77 0.00	24.78 1.81 0.00	25.80 1.95 -0.39	28.18 2.04 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.12 1.86 -0.33	22.85 1.84 -0.60	22.38 1.87 0.00	22.17 1.81 0.00	24.47 1.81 -2.29	27.58 1.95 -3.97	33.51 2.24 -6.88	41.80 2.24 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.23 2.15 -2.44	25.83 1.98 -2.62	25.19 1.91 -2.47
PJM_GEN_KEystone 24065	25.07 0.22 0.00	22.81 0.05 0.00	22.77 0.14 0.00	22.30 0.16 0.00	22.29 0.18 0.00	23.29 0.32 0.00	23.88 0.19 -0.23	25.10 0.05 -1.63	24.45 0.19 -0.77	23.93 0.17 -0.30	23.34 0.14 -0.27	21.23 0.11 -0.20	20.72 0.12 -0.19	20.76 0.25 0.00	20.52 0.16 0.00	21.71 -0.02 -1.37	24.10 0.07 -2.38	28.60 0.10 -4.12	33.73 0.05 -8.78	29.91 0.05 -5.32	27.20 0.15 -2.16	25.28 0.19 -1.45	23.03 0.23 -1.56	22.61 0.33 -1.48
PJM_GEN_NEPTUNE_PROXY 323594	32.67 2.33 -5.48	31.10 1.98 -6.35	27.11 1.95 -2.53	27.19 1.93 -3.13	27.25 1.95 -3.19	29.91 2.00 -4.95	32.69 2.14 -7.09	31.35 2.20 -5.73	27.08 2.30 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.18 1.92 -0.33	22.56 1.88 -0.28	22.48 1.97 0.00	22.81 1.95 -0.49	29.78 1.96 -7.45	33.83 2.10 -10.07	40.05 2.41 -13.25	41.97 2.42 -14.66	39.42 2.41 -12.47	38.18 2.44 -10.85	36.25 2.32 -10.29	33.06 2.12 -9.70	26.49 2.06 -3.63
PJM_GEN_VFT_PROXY 323633	26.93 2.09 0.00	24.49 1.73 0.00	24.31 1.67 0.00	23.80 1.66 0.00	23.80 1.68 0.00	24.69 1.72 0.00	25.73 1.88 -0.39	28.11 1.97 -2.72	26.86 2.09 -1.28	26.04 2.07 -0.50	25.40 2.02 -0.45	23.08 1.82 -0.33	22.79 1.77 -0.61	22.32 1.81 0.00	22.11 1.75 0.00	24.43 1.77 -2.30	27.54 1.91 -3.97	33.44 2.17 -6.88	41.73 2.17 -14.66	35.56 2.13 -8.89	30.63 2.14 -3.60	28.18 2.10 -2.44	25.77 1.91 -2.62	25.13 1.85 -2.47
PLATSBRG_115KV_PMLD1 355749	24.85 0.00 0.00	22.92 0.16 0.00	22.81 0.18 0.00	22.32 0.18 0.00	22.25 0.13 0.00	22.95 -0.02 0.00	23.26 -0.21 0.00	23.26 -0.16 0.00	23.07 -0.42 0.00	23.12 -0.35 0.00	22.47 -0.46 0.00	20.42 -0.50 0.00	19.84 -0.57 0.00	19.43 -0.66 0.42	19.72 -0.63 0.01	19.78 -0.59 0.00	21.05 -0.61 0.00	20.08 -0.83 3.47	18.59 -0.87 5.44	19.50 -0.86 4.17	18.46 -0.95 5.48	18.55 -0.92 4.17	18.60 -0.87 1.76	18.76 -0.81 1.23
PLEASANTVLY___LBMP 24000	26.61 1.76 0.00	24.27 1.50 0.00	24.10 1.47 0.00	23.60 1.46 0.00	23.60 1.48 0.00	24.53 1.56 0.00	25.55 1.69 -0.39	27.91 1.66 -2.83	26.56 1.74 -1.33	25.73 1.74 -0.52	25.07 1.67 -0.47	22.80 1.53 -0.35	22.19 1.49 -0.29	22.03 1.52 0.00	21.84 1.49 0.00	24.20 1.47 -2.36	27.36 1.58 -4.12	33.35 1.83 -7.14	41.95 1.84 -15.21	35.55 1.79 -9.22	30.47 1.84 -3.74	27.90 1.75 -2.52	25.53 1.59 -2.71	24.87 1.50 -2.57
PLSNTVLE_13_KV_13.8KV DIST 80602	26.83 1.99 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.80 1.68 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.06 1.90 -2.74	26.76 1.97 -1.29	25.94 1.97 -0.50	25.29 1.90 -0.46	22.98 1.72 -0.34	22.36 1.67 -0.28	22.22 1.70 0.00	22.03 1.67 0.00	24.33 1.67 -2.29	27.45 1.80 -3.99	33.40 2.10 -6.92	41.73 2.09 -14.74	35.54 2.06 -8.94	30.60 2.09 -3.62	28.06 1.99 -2.44	25.66 1.80 -2.62	24.98 1.68 -2.49
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	26.83 1.99 0.00	24.45 1.68 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.80 1.68 0.00	24.74 1.77 0.00	25.75 1.90 -0.38	28.06 1.90 -2.74	26.76 1.97 -1.29	25.94 1.97 -0.50	25.29 1.90 -0.46	22.98 1.72 -0.34	22.36 1.67 -0.28	22.22 1.70 0.00	22.03 1.67 0.00	24.33 1.67 -2.29	27.45 1.80 -3.99	33.40 2.10 -6.92	41.73 2.09 -14.74	35.54 2.06 -8.94	30.60 2.09 -3.62	28.06 1.99 -2.44	25.66 1.80 -2.62	24.98 1.68 -2.49
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.83 1.99 0.00	24.43 1.66 0.00	24.26 1.63 0.00	23.78 1.64 0.00	23.73 1.61 0.00	24.67 1.70 0.00	25.68 1.83 -0.38	27.99 1.80 -2.77	26.67 1.88 -1.30	25.81 1.83 -0.51	25.15 1.77 -0.46	22.85 1.59 -0.34	22.24 1.55 -0.28	22.07 1.56 0.00	21.88 1.53 0.00	24.21 1.53 -2.31	27.38 1.69 -4.03	33.34 1.98 -6.98	41.80 2.02 -14.87	35.52 1.96 -9.02	30.51 1.97 -3.65	27.94 1.84 -2.46	25.54 1.66 -2.65	24.88 1.56 -2.52
POLETTI____ 23519	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.11 2.14 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.38 1.87 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
POMONA___ESR 323819	26.81 1.96 0.00	24.42 1.66 0.00	24.26 1.63 0.00	23.75 1.62 0.00	23.73 1.61 0.00	24.62 1.65 0.00	25.62 1.78 -0.37	27.92 1.85 -2.65	26.69 1.95 -1.24	25.88 1.92 -0.49	25.23 1.86 -0.44	22.92 1.67 -0.33	22.33 1.65 -0.27	22.20 1.68 0.00	21.99 1.63 0.00	24.21 1.63 -2.22	27.28 1.75 -3.87	33.11 2.02 -6.70	41.19 2.02 -14.27	35.20 2.01 -8.65	30.44 2.04 -3.51	27.94 1.94 -2.36	25.55 1.78 -2.53	24.93 1.73 -2.41
PORT_JEFF_3 23555	33.19 2.86 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.72 2.46 -3.13	27.78 2.48 -3.19	30.49 2.57 -4.95	33.25 2.70 -7.09	31.89 2.74 -5.73	27.57 2.79 -1.28	26.67 2.70 -0.50	25.95 2.57 -0.45	23.52 2.26 -0.33	22.89 2.20 -0.28	22.87 2.36 0.00	23.21 2.36 -0.49	30.20 2.38 -7.45	34.37 2.64 -10.07	40.71 3.07 -13.25	42.62 3.06 -14.66	40.03 3.02 -12.47	38.80 3.06 -10.85	36.87 2.93 -10.30	33.53 2.59 -9.70	26.97 2.54 -3.63
PORT_JEFF_4 23616	33.19 2.86 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.72 2.46 -3.13	27.78 2.48 -3.19	30.49 2.57 -4.95	33.25 2.70 -7.09	31.89 2.74 -5.73	27.57 2.79 -1.28	26.67 2.70 -0.50	25.95 2.57 -0.45	23.52 2.26 -0.33	22.89 2.20 -0.28	22.87 2.36 0.00	23.21 2.36 -0.49	30.20 2.38 -7.45	34.37 2.64 -10.07	40.71 3.07 -13.25	42.62 3.06 -14.66	40.03 3.02 -12.47	38.80 3.06 -10.85	36.87 2.93 -10.30	33.53 2.59 -9.70	26.97 2.54 -3.63
PORT_JEFF_IC 23713	33.21 2.88 -5.48	31.64 2.53 -6.35	27.64 2.47 -2.53	27.75 2.48 -3.13	27.83 2.52 -3.19	30.58 2.66 -4.95	33.37 2.82 -7.09	31.92 2.76 -5.74	27.57 2.80 -1.28	26.67 2.70 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.83 2.32 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.05 3.04 -12.47	38.80 3.06 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.71	26.91 2.48 -3.63
PPL PILGRIM_ST_GT1 24216	33.21 2.88 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.70 2.44 -3.13	27.76 2.45 -3.19	30.47 2.55 -4.95	33.23 2.67 -7.09	31.87 2.72 -5.73	27.57 2.79 -1.28	26.69 2.72 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.93 2.24 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.20 2.38 -7.45	34.35 2.62 -10.07	40.63 3.00 -13.25	42.55 2.99 -14.66	40.00 2.99 -12.47	38.77 3.04 -10.85	36.82 2.88 -10.30	33.53 2.59 -9.70	26.94 2.52 -3.63

PPL PILGRIM_ST_GT2 24217	33.21 2.88 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.70 2.44 -3.13	27.76 2.45 -3.19	30.47 2.55 -4.95	33.23 2.67 -7.09	31.87 2.72 -5.73	27.57 2.79 -1.28	26.69 2.72 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.93 2.24 -0.28	22.89 2.38 0.00	23.23 2.38 -0.49	30.20 2.38 -7.45	34.35 2.62 -10.07	40.63 3.00 -13.25	42.55 2.99 -14.66	40.00 2.99 -12.47	38.77 3.04 -10.85	36.82 2.88 -10.30	33.53 2.59 -9.70	26.94 2.52 -3.63
PPL_SHRM_GT3 24213	33.19 2.86 -5.48	31.66 2.55 -6.35	27.68 2.51 -2.53	27.83 2.57 -3.13	27.89 2.59 -3.19	30.60 2.69 -4.95	33.37 2.82 -7.09	31.98 2.83 -5.73	27.64 2.87 -1.28	26.71 2.74 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.25 2.40 -0.49	30.26 2.44 -7.45	34.43 2.71 -10.07	40.80 3.17 -13.25	42.72 3.16 -14.66	40.15 3.14 -12.47	38.90 3.16 -10.85	36.96 3.03 -10.30	33.59 2.65 -9.70	27.03 2.60 -3.63
PPL_SHRM_GT4 24214	33.19 2.86 -5.48	31.66 2.55 -6.35	27.68 2.51 -2.53	27.83 2.57 -3.13	27.89 2.59 -3.19	30.60 2.69 -4.95	33.37 2.82 -7.09	31.98 2.83 -5.73	27.64 2.87 -1.28	26.71 2.74 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.25 2.40 -0.49	30.26 2.44 -7.45	34.43 2.71 -10.07	40.80 3.17 -13.25	42.72 3.16 -14.66	40.15 3.14 -12.47	38.90 3.16 -10.85	36.96 3.03 -10.30	33.59 2.65 -9.70	27.03 2.60 -3.63
PROJECT___ORANGE 1 24174	24.37 -0.47 0.00	22.26 -0.50 0.00	22.18 -0.45 0.00	21.70 -0.44 0.00	21.70 -0.42 0.00	22.60 -0.37 0.00	23.20 -0.31 -0.04	23.34 -0.37 -0.29	23.28 -0.35 -0.14	23.15 -0.38 -0.05	22.59 -0.39 -0.05	20.63 -0.33 -0.04	20.13 -0.31 -0.03	20.16 -0.35 0.00	19.99 -0.37 0.00	20.26 -0.35 -0.25	21.78 -0.43 -0.74	24.83 -0.29 -0.74	26.26 -0.22 -1.58	25.18 -0.32 -0.96	24.98 -0.30 -0.39	23.59 -0.31 -0.26	21.20 -0.32 -0.28	20.80 -0.27 -0.27
PROJECT___ORANGE 2 24166	24.37 -0.47 0.00	22.26 -0.50 0.00	22.18 -0.45 0.00	21.70 -0.44 0.00	21.70 -0.42 0.00	22.60 -0.37 0.00	23.20 -0.31 -0.04	23.34 -0.37 -0.29	23.28 -0.35 -0.14	23.15 -0.38 -0.05	22.59 -0.39 -0.05	20.63 -0.33 -0.04	20.13 -0.31 -0.03	20.16 -0.35 0.00	19.99 -0.37 0.00	20.26 -0.35 -0.25	21.78 -0.43 -0.74	24.83 -0.29 -0.74	26.26 -0.22 -1.58	25.18 -0.32 -0.96	24.98 -0.30 -0.39	23.59 -0.31 -0.26	21.20 -0.32 -0.28	20.80 -0.27 -0.27
PUCKETT___SOLAR 323809	25.69 0.85 0.00	23.42 0.66 0.00	23.34 0.70 0.00	22.83 0.69 0.00	22.89 0.77 0.00	23.86 0.89 0.00	24.42 0.82 -0.13	25.13 0.77 -0.93	24.71 0.77 -0.44	24.32 0.68 -0.17	23.66 0.57 -0.16	21.54 0.50 -0.12	20.99 0.49 -0.10	21.07 0.55 0.00	20.89 0.53 0.00	21.58 0.43 -0.78	23.65 0.63 -1.37	27.65 0.90 -2.36	30.89 0.95 -5.04	28.45 0.86 -3.06	27.05 0.92 -1.24	25.27 0.80 -0.83	22.81 0.68 -0.89	22.34 0.69 -0.85
PYRITES___HYD 24023	24.47 -0.37 0.00	22.56 -0.20 0.00	22.41 -0.23 0.00	21.81 -0.33 0.00	21.79 -0.33 0.00	22.39 -0.57 0.00	22.79 -0.68 0.00	22.91 -0.52 0.00	22.81 -0.68 0.00	22.91 -0.56 0.00	22.33 -0.60 0.00	20.34 -0.59 0.00	19.78 -0.63 0.00	19.55 -0.62 0.35	19.76 -0.59 0.01	19.82 -0.55 0.00	21.07 -0.58 0.00	20.88 -0.66 2.84	19.80 -0.65 4.46	20.48 -0.64 3.42	19.76 -0.65 4.49	19.54 -0.69 3.41	19.20 -0.59 1.44	19.13 -0.67 1.00
QUAKERRD_115KV_BK1 80622	23.31 -1.54 0.00	21.24 -1.53 0.00	21.28 -1.36 0.00	20.72 -1.42 0.00	20.72 -1.39 0.00	21.73 -1.24 0.00	22.44 -1.08 -0.05	22.49 -1.29 -0.36	22.40 -1.27 -0.17	22.24 -1.29 -0.07	21.73 -1.26 -0.06	19.82 -1.15 -0.04	19.26 -1.18 -0.04	19.18 -1.33 0.00	18.99 -1.36 0.00	19.47 -1.20 -0.30	21.04 -1.15 -0.53	24.06 -1.24 -0.91	25.68 -1.17 -1.94	24.47 -1.25 -1.18	24.15 -1.22 -0.48	22.78 -1.18 -0.32	20.52 -1.06 -0.35	20.28 -0.85 -0.33
QUENSBRY_115KV_TB8 356137	26.09 1.24 0.00	23.81 1.05 0.00	23.67 1.04 0.00	23.18 1.04 0.00	23.11 1.00 0.00	24.07 1.10 0.00	25.12 1.17 -0.47	28.11 1.29 -3.40	26.36 1.27 -1.60	25.34 1.24 -0.63	24.75 1.26 -0.56	22.45 1.11 -0.42	21.80 1.04 -0.35	21.52 1.01 0.00	21.33 0.98 0.00	24.21 1.02 -2.83	27.78 1.19 -4.93	34.27 1.34 -8.54	44.57 1.47 -18.20	37.00 1.42 -11.04	30.88 1.52 -4.47	27.99 1.35 -3.01	25.58 1.08 -3.26	24.92 1.02 -3.10
RAMAPO___LBMP 323565	26.51 1.66 0.00	24.15 1.39 0.00	23.99 1.36 0.00	23.49 1.35 0.00	23.49 1.37 0.00	24.42 1.45 0.00	25.42 1.60 -0.35	27.54 1.57 -2.55	26.36 1.67 -1.20	25.58 1.64 -0.47	24.93 1.58 -0.42	22.66 1.42 -0.31	22.06 1.39 -0.26	21.93 1.42 0.00	21.72 1.36 0.00	23.84 1.34 -2.13	26.84 1.47 -3.71	32.52 1.71 -6.43	40.29 1.69 -13.69	34.49 1.64 -8.30	29.97 1.72 -3.36	27.56 1.65 -2.26	25.18 1.51 -2.44	24.51 1.39 -2.32
RANKINE____ 23646	23.38 -1.47 0.00	21.22 -1.55 0.00	21.43 -1.20 0.00	20.74 -1.39 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	21.98 -1.55 -0.06	21.92 -1.94 -0.45	21.85 -1.86 -0.21	21.63 -1.92 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.76 -1.69 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.45 -1.86 -0.65	23.44 -2.07 -1.13	25.29 -2.02 -2.41	23.91 -2.09 -1.46	23.56 -1.92 -0.59	22.24 -1.80 -0.40	20.22 -1.44 -0.43	20.25 -0.96 -0.41
RAVENSWOOD_GT2_1 24244	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.38 1.87 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT2_2 24245	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.38 1.87 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT2_3 24246	27.06 2.21 0.00	24.63 1.87 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.98 1.86 0.00	24.92 1.95 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.96 2.18 -1.28	26.13 2.16 -0.50	25.49 2.11 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.69 2.26 -8.89	30.76 2.26 -3.60	28.28 2.20 -2.44	25.86 2.00 -2.63	25.15 1.87 -2.48
RAVENSWOOD_GT2_4 24247	27.06 2.21 0.00	24.63 1.87 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.98 1.86 0.00	24.92 1.95 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.96 2.18 -1.28	26.13 2.16 -0.50	25.49 2.11 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.51 1.85 -2.30	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.69 2.26 -8.89	30.76 2.26 -3.60	28.28 2.20 -2.44	25.86 2.00 -2.63	25.15 1.87 -2.48

RAVENSWOOD_GT3_1 24248	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT3_2 24249	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT3_3 24250	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.85 2.29 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT3_4 24251	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.85 2.29 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_1 23729	27.16 2.31 0.00	24.72 1.96 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.04 1.92 0.00	25.01 2.04 0.00	26.05 2.21 -0.38	28.30 2.15 -2.73	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.33	22.96 1.94 -0.61	22.48 1.97 0.00	22.27 1.91 0.00	26.02 1.93 -3.72	31.22 2.08 -7.49	33.81 2.39 -7.04	41.97 2.39 -14.68	47.13 2.36 -20.24	30.86 2.36 -3.60	31.20 2.27 -5.29	28.20 2.08 -4.89	25.23 1.96 -2.48
RAVENSWOOD_GT_10 24258	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.85 2.29 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_11 24259	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.85 2.29 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_4 24252	27.03 2.19 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.93 1.81 0.00	24.87 1.91 0.00	25.91 2.07 -0.38	28.21 2.06 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.45 2.06 -0.45	23.12 1.86 -0.33	22.85 1.84 -0.61	22.38 1.87 0.00	22.17 1.81 0.00	24.47 1.81 -2.30	27.58 1.95 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.23 2.15 -2.44	25.81 1.95 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_5 24254	27.03 2.19 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.93 1.81 0.00	24.87 1.91 0.00	25.91 2.07 -0.38	28.21 2.06 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.45 2.06 -0.45	23.12 1.86 -0.33	22.85 1.84 -0.61	22.38 1.87 0.00	22.17 1.81 0.00	24.47 1.81 -2.30	27.58 1.95 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.23 2.15 -2.44	25.81 1.95 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_6 24253	27.03 2.19 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.93 1.81 0.00	24.87 1.91 0.00	25.91 2.07 -0.38	28.21 2.06 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.45 2.06 -0.45	23.12 1.86 -0.33	22.85 1.84 -0.61	22.38 1.87 0.00	22.17 1.81 0.00	24.47 1.81 -2.30	27.58 1.95 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.23 2.15 -2.44	25.81 1.95 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_7 24255	27.03 2.19 0.00	24.61 1.84 0.00	24.40 1.77 0.00	23.89 1.75 0.00	23.93 1.81 0.00	24.87 1.91 0.00	25.91 2.07 -0.38	28.21 2.06 -2.73	26.91 2.14 -1.28	26.11 2.14 -0.50	25.45 2.06 -0.45	23.12 1.86 -0.33	22.85 1.84 -0.61	22.38 1.87 0.00	22.17 1.81 0.00	24.47 1.81 -2.30	27.58 1.95 -3.97	33.53 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.73 2.24 -3.60	28.23 2.15 -2.44	25.81 1.95 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.85 2.29 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD_GT_9 24257	27.06 2.21 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.95 1.84 0.00	24.90 1.93 0.00	25.94 2.09 -0.38	28.21 2.06 -2.73	26.94 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.88 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.49 1.83 -2.30	27.60 1.97 -3.97	33.53 2.27 -6.88	41.85 2.29 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.83 1.97 -2.63	25.13 1.85 -2.48
RAVENSWOOD___1 23533	27.17 2.31 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.22 2.08 -7.49	33.82 2.39 -7.04	41.95 2.37 -14.68	47.13 2.36 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
RAVENSWOOD___2 23534	27.17 2.31 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.22 2.08 -7.49	33.82 2.39 -7.04	41.95 2.37 -14.68	47.13 2.36 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48

RAVENSWOOD___3 23535	27.03 2.19 0.00	24.61 1.84 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.91 1.79 0.00	24.81 1.84 0.00	25.83 1.97 -0.39	28.20 2.06 -2.72	26.93 2.16 -1.28	26.13 2.16 -0.50	25.47 2.09 -0.45	23.14 1.88 -0.33	22.87 1.86 -0.61	22.40 1.89 0.00	22.19 1.83 0.00	24.50 1.83 -2.30	27.60 1.97 -3.97	33.54 2.27 -6.88	41.83 2.27 -14.66	35.66 2.23 -8.89	30.76 2.26 -3.60	28.25 2.17 -2.44	25.85 2.00 -2.62	25.21 1.93 -2.47
RAVENSWOOD___4 23820	27.17 2.31 -0.01	24.71 1.93 -0.01	24.52 1.88 -0.01	24.01 1.86 -0.01	24.00 1.88 -0.01	24.91 1.93 -0.01	25.92 2.07 -0.39	28.27 2.13 -2.72	27.03 2.26 -1.28	26.22 2.25 -0.50	25.56 2.18 -0.45	23.23 1.97 -0.34	22.96 1.94 -0.61	22.49 1.97 -0.01	22.28 1.91 -0.01	26.00 1.91 -3.72	31.22 2.08 -7.49	33.82 2.39 -7.04	41.95 2.37 -14.68	47.13 2.36 -20.24	30.86 2.37 -3.61	31.20 2.27 -5.29	28.20 2.08 -4.88	25.30 2.02 -2.48
RCPL_TRUST___DRP 24196	27.08 2.24 0.00	24.63 1.87 0.00	24.44 1.81 0.00	23.91 1.77 0.00	23.98 1.86 0.00	24.92 1.95 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.96 2.18 -1.28	26.15 2.18 -0.50	25.49 2.11 -0.45	23.16 1.90 -0.33	22.89 1.88 -0.60	22.42 1.91 0.00	22.21 1.85 0.00	24.51 1.85 -2.29	27.62 1.99 -3.97	33.56 2.29 -6.88	41.88 2.32 -14.66	35.71 2.28 -8.89	30.78 2.29 -3.60	28.28 2.20 -2.44	25.86 2.00 -2.62	25.15 1.87 -2.48
RED___ROCHESTER 323720	23.75 -1.09 0.00	21.56 -1.21 0.00	21.55 -1.09 0.00	21.10 -1.04 0.00	21.15 -0.97 0.00	22.23 -0.74 0.00	22.98 -0.54 -0.05	22.87 -0.91 -0.37	22.89 -0.77 -0.17	22.71 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.65 -0.80 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.48 -0.71 -0.54	24.61 -0.71 -0.93	26.23 -0.65 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.72 -0.42 -0.33
REGAN___SOLAR 323812	28.15 3.30 0.00	25.68 2.91 0.00	25.57 2.94 0.00	25.06 2.92 0.00	24.93 2.81 0.00	26.05 3.08 0.00	27.16 3.17 -0.52	30.30 3.14 -3.74	28.26 3.01 -1.76	27.02 2.86 -0.69	26.35 2.80 -0.62	23.89 2.51 -0.46	23.14 2.35 -0.38	22.85 2.34 0.00	22.70 2.34 0.00	25.92 2.42 -3.13	30.00 2.88 -5.46	37.13 3.29 -9.46	48.64 3.59 -20.15	40.22 3.46 -12.22	33.45 3.61 -4.95	30.25 3.28 -3.33	27.55 2.74 -3.58	26.84 2.64 -3.40
RENSSELAER___COGEN 23796	25.79 0.94 0.00	23.74 0.98 0.00	23.63 0.99 0.00	23.16 1.02 0.00	23.11 1.00 0.00	23.98 1.01 0.00	24.94 1.01 -0.46	27.61 0.91 -3.27	26.00 0.96 -1.54	25.06 0.99 -0.60	24.44 0.96 -0.55	22.25 0.92 -0.40	21.64 0.90 -0.34	21.42 0.90 0.00	21.25 0.89 0.00	23.98 0.88 -2.74	27.31 0.87 -4.78	33.62 0.95 -8.28	43.52 0.97 -17.65	36.20 0.96 -10.70	30.22 1.00 -4.34	27.50 0.95 -2.92	25.26 0.89 -3.13	24.61 0.83 -2.98
REPUBLIC_115KV_BARTNBRK 55605	27.11 2.26 0.00	24.70 1.93 0.00	24.60 1.97 0.00	24.11 1.97 0.00	23.98 1.86 0.00	25.01 2.04 0.00	26.08 2.14 -0.47	29.09 2.27 -3.40	27.32 2.23 -1.60	26.30 2.21 -0.63	25.69 2.20 -0.56	23.29 1.95 -0.42	22.55 1.80 -0.35	22.26 1.74 0.00	22.05 1.69 0.00	24.96 1.77 -2.83	28.64 2.06 -4.93	35.21 2.29 -8.53	45.62 2.54 -18.18	38.02 2.45 -11.03	31.97 2.61 -4.47	28.94 2.29 -3.01	26.36 1.87 -3.26	25.68 1.79 -3.09
REVERE_CPPR_DRP 24186	25.82 0.97 0.00	23.58 0.82 0.00	23.47 0.84 0.00	22.94 0.80 0.00	22.94 0.82 0.00	23.86 0.90 0.00	24.43 0.94 -0.02	24.51 0.94 -0.15	24.48 0.92 -0.07	24.44 0.94 -0.03	23.85 0.89 -0.03	21.72 0.77 -0.02	21.18 0.76 -0.02	21.22 0.72 0.01	21.05 0.69 0.00	21.21 0.71 -0.13	22.71 0.82 -0.23	25.78 1.10 -0.29	26.70 1.12 -0.68	25.95 1.03 -0.39	26.01 1.07 -0.05	24.55 0.90 -0.02	22.08 0.74 -0.10	21.63 0.73 -0.11
REYNOLDS_115KV_TB3 80639	25.99 1.14 0.00	23.81 1.05 0.00	23.65 1.02 0.00	23.18 1.04 0.00	23.14 1.02 0.00	24.03 1.06 0.00	25.03 1.10 -0.46	27.87 1.15 -3.30	26.24 1.20 -1.55	25.30 1.22 -0.61	24.67 1.19 -0.55	22.44 1.11 -0.40	21.83 1.08 -0.34	21.62 1.11 0.00	21.44 1.08 0.00	24.17 1.06 -2.74	27.54 1.10 -4.78	33.89 1.22 -8.28	43.80 1.25 -17.65	36.47 1.23 -10.70	30.49 1.27 -4.34	27.76 1.21 -2.92	25.50 1.10 -3.16	24.93 1.12 -3.00
RIVERBAY____ 323610	27.36 2.51 0.00	24.93 2.16 0.00	24.76 2.13 0.00	24.24 2.10 0.00	24.26 2.15 0.00	25.22 2.25 0.00	26.24 2.39 -0.38	28.49 2.34 -2.73	27.20 2.42 -1.28	26.39 2.42 -0.50	25.74 2.36 -0.45	23.36 2.11 -0.32	22.77 2.08 -0.28	22.61 2.11 0.02	22.40 2.06 0.02	24.71 2.06 -2.29	27.85 2.23 -3.96	33.82 2.56 -6.87	42.12 2.57 -14.65	35.95 2.53 -8.88	31.01 2.54 -3.59	28.53 2.46 -2.43	26.10 2.25 -2.62	25.42 2.14 -2.48
RIVERSDE_115KV_TB3 55908	25.89 1.04 0.00	23.72 0.96 0.00	23.58 0.95 0.00	23.09 0.95 0.00	23.07 0.95 0.00	23.93 0.96 0.00	24.94 1.01 -0.46	27.76 1.03 -3.31	26.15 1.10 -1.55	25.18 1.10 -0.61	24.58 1.10 -0.55	22.37 1.05 -0.40	21.75 1.00 -0.34	21.54 1.03 0.00	21.36 1.00 0.00	24.10 0.98 -2.75	27.45 1.00 -4.80	33.77 1.07 -8.31	43.73 1.12 -17.71	36.38 1.10 -10.74	30.38 1.14 -4.35	27.65 1.09 -2.93	25.42 1.02 -3.17	24.87 1.06 -3.01
ROARING___BROOK_WT_PWR 323790	24.62 -0.22 0.00	22.56 -0.21 0.00	22.29 -0.34 0.00	21.61 -0.53 0.00	21.48 -0.64 0.00	22.19 -0.78 0.00	22.63 -0.84 0.00	22.60 -0.82 0.00	22.60 -0.89 0.00	22.60 -0.87 0.00	22.08 -0.85 0.00	20.13 -0.80 0.00	19.63 -0.78 0.00	19.01 -0.78 0.73	19.59 -0.75 0.01	19.65 -0.71 0.00	20.88 -0.78 0.00	17.50 -0.90 5.98	14.59 -0.95 9.37	16.44 -0.91 7.19	14.53 -0.92 9.43	15.59 -0.87 7.17	17.41 -0.79 3.04	17.92 -0.77 2.11
ROCHESRG_115KV_T4 355643	23.60 -1.24 0.00	21.49 -1.27 0.00	21.57 -1.06 0.00	20.97 -1.17 0.00	20.97 -1.15 0.00	22.03 -0.94 0.00	22.75 -0.77 -0.05	22.76 -1.03 -0.36	22.68 -0.99 -0.17	22.50 -1.03 -0.07	22.00 -0.99 -0.06	20.07 -0.90 -0.04	19.47 -0.98 -0.04	19.39 -1.13 0.00	19.18 -1.18 0.00	19.67 -1.00 -0.31	21.28 -0.91 -0.53	24.33 -0.98 -0.92	25.97 -0.90 -1.96	24.72 -1.01 -1.19	24.43 -0.95 -0.48	23.06 -0.90 -0.32	20.82 -0.76 -0.35	20.63 -0.50 -0.33
ROCHESTER_9_IC 23652	23.73 -1.12 0.00	21.58 -1.18 0.00	21.68 -0.95 0.00	21.08 -1.06 0.00	21.08 -1.04 0.00	22.14 -0.83 0.00	22.86 -0.66 -0.05	22.88 -0.91 -0.37	22.80 -0.87 -0.17	22.62 -0.92 -0.07	22.12 -0.87 -0.06	20.17 -0.80 -0.05	19.57 -0.88 -0.04	19.49 -1.03 0.00	19.28 -1.08 0.00	19.80 -0.88 -0.31	21.39 -0.80 -0.54	24.49 -0.83 -0.93	26.14 -0.75 -1.98	24.88 -0.86 -1.20	24.58 -0.80 -0.49	23.21 -0.76 -0.33	20.93 -0.66 -0.35	20.74 -0.40 -0.33
ROCKVIEW_13_KV_LD 356306	26.98 2.14 0.00	24.54 1.78 0.00	24.35 1.72 0.00	23.87 1.73 0.00	23.89 1.77 0.00	24.83 1.86 0.00	25.87 2.02 -0.38	28.16 2.01 -2.73	26.89 2.11 -1.28	26.08 2.11 -0.50	25.42 2.04 -0.45	23.10 1.84 -0.33	22.50 1.82 -0.28	22.34 1.83 0.00	22.13 1.77 0.00	24.44 1.79 -2.28	27.56 1.93 -3.97	33.51 2.24 -6.88	41.80 2.24 -14.66	35.64 2.21 -8.89	30.73 2.24 -3.60	28.19 2.13 -2.42	25.78 1.93 -2.61	25.07 1.79 -2.48

ROME____115KV_TB2 80656	25.82 0.97 0.00	23.58 0.82 0.00	23.47 0.84 0.00	22.94 0.80 0.00	22.94 0.82 0.00	23.86 0.90 0.00	24.43 0.94 -0.02	24.51 0.94 -0.15	24.48 0.92 -0.07	24.44 0.94 -0.03	23.85 0.89 -0.03	21.72 0.77 -0.02	21.18 0.76 -0.02	21.22 0.72 0.01	21.05 0.69 0.00	21.21 0.71 -0.13	22.71 0.82 -0.23	25.78 1.10 -0.29	26.70 1.12 -0.68	25.95 1.03 -0.39	26.01 1.07 -0.05	24.55 0.90 -0.02	22.08 0.74 -0.10	21.63 0.73 -0.11
ROSETON____1 23587	26.54 1.69 0.00	24.20 1.44 0.00	24.04 1.40 0.00	23.53 1.40 0.00	23.51 1.39 0.00	24.39 1.42 0.00	25.37 1.52 -0.38	27.71 1.59 -2.69	26.43 1.67 -1.27	25.63 1.67 -0.50	24.98 1.60 -0.45	22.70 1.44 -0.33	22.11 1.43 -0.28	21.95 1.44 0.00	21.76 1.40 0.00	24.03 1.40 -2.26	27.11 1.52 -3.93	32.93 1.73 -6.81	41.16 1.74 -14.52	35.06 1.72 -8.80	30.20 1.74 -3.57	27.72 1.68 -2.40	25.34 1.53 -2.58	24.73 1.48 -2.45
ROSETON____2 23588	26.54 1.69 0.00	24.20 1.44 0.00	24.04 1.40 0.00	23.53 1.40 0.00	23.51 1.39 0.00	24.39 1.42 0.00	25.37 1.52 -0.38	27.71 1.59 -2.69	26.43 1.67 -1.27	25.63 1.67 -0.50	24.98 1.60 -0.45	22.70 1.44 -0.33	22.11 1.43 -0.28	21.95 1.44 0.00	21.76 1.40 0.00	24.03 1.40 -2.26	27.11 1.52 -3.93	32.93 1.73 -6.81	41.16 1.74 -14.52	35.06 1.72 -8.80	30.20 1.74 -3.57	27.72 1.68 -2.40	25.34 1.53 -2.58	24.73 1.48 -2.45
ROTTTRDAM_115KV_TB3 80664	25.94 1.09 0.00	23.72 0.96 0.00	23.56 0.93 0.00	23.07 0.93 0.00	23.02 0.91 0.00	23.96 0.99 0.00	24.98 1.03 -0.48	27.84 0.98 -3.44	26.10 0.99 -1.62	25.09 0.99 -0.63	24.46 0.96 -0.57	22.21 0.86 -0.42	21.60 0.84 -0.35	21.35 0.84 0.00	21.17 0.81 0.00	24.08 0.84 -2.88	27.59 0.91 -5.02	34.13 1.05 -8.69	44.52 1.10 -18.52	36.83 1.06 -11.23	30.53 1.10 -4.55	27.72 1.02 -3.06	25.42 0.89 -3.29	24.78 0.85 -3.13
RUSSELL____1 23602	23.83 -1.02 0.00	21.67 -1.09 0.00	21.75 -0.88 0.00	21.16 -0.97 0.00	21.17 -0.95 0.00	22.23 -0.73 0.00	22.96 -0.56 -0.05	22.97 -0.82 -0.37	22.89 -0.78 -0.17	22.72 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.67 -0.78 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.50 -0.69 -0.54	24.61 -0.71 -0.93	26.26 -0.62 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.82 -0.31 -0.33
RUSSELL____2 23532	23.83 -1.02 0.00	21.67 -1.09 0.00	21.75 -0.88 0.00	21.16 -0.97 0.00	21.17 -0.95 0.00	22.23 -0.73 0.00	22.96 -0.56 -0.05	22.97 -0.82 -0.37	22.89 -0.78 -0.17	22.72 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.67 -0.78 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.50 -0.69 -0.54	24.61 -0.71 -0.93	26.26 -0.62 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.82 -0.31 -0.33
RUSSELL____3 23549	23.83 -1.02 0.00	21.67 -1.09 0.00	21.75 -0.88 0.00	21.16 -0.97 0.00	21.17 -0.95 0.00	22.23 -0.73 0.00	22.96 -0.56 -0.05	22.97 -0.82 -0.37	22.89 -0.78 -0.17	22.72 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.67 -0.78 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.50 -0.69 -0.54	24.61 -0.71 -0.93	26.26 -0.62 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.82 -0.31 -0.33
RUSSELL____4 23556	23.83 -1.02 0.00	21.67 -1.09 0.00	21.75 -0.88 0.00	21.16 -0.97 0.00	21.17 -0.95 0.00	22.23 -0.73 0.00	22.96 -0.56 -0.05	22.97 -0.82 -0.37	22.89 -0.78 -0.17	22.72 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.67 -0.78 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.50 -0.69 -0.54	24.61 -0.71 -0.93	26.26 -0.62 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.82 -0.31 -0.33
RUSSELL____STATION 23914	23.83 -1.02 0.00	21.67 -1.09 0.00	21.75 -0.88 0.00	21.16 -0.97 0.00	21.17 -0.95 0.00	22.23 -0.73 0.00	22.96 -0.56 -0.05	22.97 -0.82 -0.37	22.89 -0.78 -0.17	22.72 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.67 -0.78 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.50 -0.69 -0.54	24.61 -0.71 -0.93	26.26 -0.62 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.82 -0.31 -0.33
S SALMON____HYD 24043	24.35 -0.50 0.00	22.24 -0.52 0.00	22.14 -0.50 0.00	21.65 -0.49 0.00	21.65 -0.47 0.00	22.53 -0.44 0.00	23.13 -0.38 -0.03	23.21 -0.45 -0.24	23.18 -0.42 -0.11	23.07 -0.45 -0.04	22.51 -0.46 -0.04	20.54 -0.42 -0.03	20.02 -0.41 -0.02	20.03 -0.45 0.03	19.89 -0.47 0.00	20.10 -0.47 -0.20	21.59 -0.41 -0.34	24.41 -0.32 -0.34	25.47 -0.30 -0.87	24.63 -0.37 -0.46	24.42 -0.37 0.09	23.14 -0.40 0.10	20.95 -0.38 -0.09	20.55 -0.37 -0.12
S.PERRY__115KV_TB1 80734	25.34 0.50 0.00	23.01 0.25 0.00	23.04 0.41 0.00	22.47 0.33 0.00	22.49 0.38 0.00	23.61 0.64 0.00	24.23 0.68 -0.08	24.46 0.68 -0.55	24.22 0.47 -0.26	23.88 0.31 -0.10	23.20 0.18 -0.09	21.10 0.10 -0.07	20.53 0.06 -0.06	20.58 0.06 0.00	20.36 0.00 0.00	20.87 0.04 -0.46	22.85 0.39 -0.80	26.41 0.63 -1.39	28.68 0.82 -2.95	26.94 0.61 -1.79	26.34 0.72 -0.73	24.74 0.61 -0.49	22.18 0.42 -0.53	21.88 0.58 -0.50
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.08 -1.76 0.00	20.97 -1.80 0.00	21.19 -1.45 0.00	20.50 -1.64 0.00	20.50 -1.61 0.00	21.68 -1.29 0.00	21.98 -1.55 -0.06	21.89 -1.97 -0.43	21.84 -1.86 -0.20	21.62 -1.92 -0.08	21.12 -1.88 -0.07	19.24 -1.74 -0.05	18.72 -1.73 -0.04	18.83 -1.68 0.00	18.57 -1.79 0.00	18.83 -1.89 -0.36	20.42 -1.86 -0.63	23.41 -2.07 -1.09	25.19 -2.04 -2.33	23.84 -2.11 -1.41	23.49 -1.97 -0.57	22.20 -1.82 -0.38	20.18 -1.47 -0.41	20.24 -0.96 -0.39
SAWYER__23_KV_LOAD 55526	23.08 -1.76 0.00	20.97 -1.80 0.00	21.19 -1.45 0.00	20.50 -1.64 0.00	20.50 -1.61 0.00	21.68 -1.29 0.00	21.98 -1.55 -0.06	21.89 -1.97 -0.43	21.84 -1.86 -0.20	21.62 -1.92 -0.08	21.12 -1.88 -0.07	19.24 -1.74 -0.05	18.72 -1.73 -0.04	18.83 -1.68 0.00	18.57 -1.79 0.00	18.83 -1.89 -0.36	20.42 -1.86 -0.63	23.41 -2.07 -1.09	25.19 -2.04 -2.33	23.84 -2.11 -1.41	23.49 -1.97 -0.57	22.20 -1.82 -0.38	20.18 -1.47 -0.41	20.24 -0.96 -0.39
SELKIRK____I 23801	25.99 1.14 0.00	23.86 1.09 0.00	23.74 1.11 0.00	23.25 1.11 0.00	23.20 1.08 0.00	24.09 1.13 0.00	25.05 1.13 -0.45	27.68 1.03 -3.23	26.07 1.06 -1.52	25.12 1.06 -0.59	24.50 1.03 -0.54	22.29 0.96 -0.40	21.68 0.94 -0.33	21.46 0.94 0.00	21.29 0.94 0.00	23.99 0.92 -2.71	27.33 0.95 -4.72	33.61 1.05 -8.17	43.44 1.12 -17.41	36.18 1.08 -10.56	30.29 1.12 -4.28	27.58 1.06 -2.88	25.28 0.96 -3.09	24.68 0.94 -2.94
SELKIRK____II 23799	25.84 0.99 0.00	23.74 0.98 0.00	23.61 0.97 0.00	23.11 0.97 0.00	23.09 0.97 0.00	23.96 0.99 0.00	24.93 1.01 -0.46	27.62 0.94 -3.27	26.02 0.99 -1.53	25.06 0.99 -0.60	24.44 0.96 -0.54	22.23 0.90 -0.40	21.62 0.88 -0.34	21.39 0.88 0.00	21.23 0.87 0.00	23.96 0.86 -2.74	27.32 0.89 -4.77	33.63 0.98 -8.26	43.53 1.02 -17.60	36.20 0.98 -10.68	30.24 1.02 -4.33	27.52 0.97 -2.91	25.25 0.89 -3.13	24.62 0.85 -2.97

SENECA OSWGO___HYD 24041	24.10 -0.74 0.00	22.01 -0.75 0.00	21.91 -0.73 0.00	21.45 -0.69 0.00	21.48 -0.64 0.00	22.37 -0.60 0.00	22.94 -0.56 -0.04	23.05 -0.63 -0.27	23.03 -0.59 -0.12	22.91 -0.61 -0.05	22.35 -0.62 -0.04	20.43 -0.52 -0.03	19.93 -0.51 -0.03	19.96 -0.55 0.00	19.79 -0.57 0.00	20.04 -0.55 -0.22	21.52 -0.52 -0.39	24.52 -0.54 -0.67	25.86 -0.47 -1.43	24.86 -0.54 -0.87	24.69 -0.55 -0.35	23.33 -0.54 -0.24	20.96 -0.53 -0.25	20.54 -0.50 -0.24
SENECA___115KV_TB3 355854	23.41 -1.44 0.00	21.24 -1.53 0.00	21.46 -1.18 0.00	20.79 -1.35 0.00	20.77 -1.35 0.00	21.96 -1.01 0.00	22.01 -1.53 -0.06	21.95 -1.92 -0.45	21.90 -1.81 -0.21	21.67 -1.88 -0.08	21.17 -1.83 -0.07	19.26 -1.72 -0.05	18.80 -1.65 -0.05	19.10 -1.42 0.00	18.81 -1.55 0.00	18.87 -1.87 -0.37	20.47 -1.84 -0.65	23.49 -2.02 -1.13	25.34 -1.97 -2.41	23.96 -2.04 -1.46	23.59 -1.89 -0.59	22.29 -1.75 -0.40	20.24 -1.42 -0.43	20.29 -0.92 -0.41
SENECA___ENERGY 23797	24.47 -0.37 0.00	22.31 -0.46 0.00	22.23 -0.41 0.00	21.76 -0.38 0.00	21.79 -0.33 0.00	22.76 -0.21 0.00	23.36 -0.16 -0.06	23.54 -0.28 -0.40	23.47 -0.21 -0.19	23.26 -0.28 -0.07	22.70 -0.30 -0.07	20.68 -0.29 -0.05	20.14 -0.31 -0.04	20.21 -0.31 0.00	20.03 -0.33 0.00	20.37 -0.33 -0.33	22.02 -0.22 -0.58	25.27 -0.12 -1.01	27.03 -0.02 -2.15	25.69 -0.15 -1.30	25.29 -0.12 -0.53	23.83 -0.16 -0.36	21.40 -0.21 -0.38	21.02 -0.14 -0.36
SHOEMAKER___GT 23640	26.29 1.44 0.00	23.97 1.21 0.00	23.81 1.18 0.00	23.31 1.17 0.00	23.29 1.17 0.00	24.16 1.19 0.00	25.10 1.29 -0.34	27.17 1.31 -2.44	26.03 1.39 -1.15	25.28 1.36 -0.45	24.62 1.28 -0.41	22.37 1.15 -0.30	21.78 1.12 -0.25	21.66 1.15 0.00	21.48 1.12 0.00	23.53 1.12 -2.04	26.45 1.23 -3.56	31.99 1.44 -6.17	39.49 1.44 -13.14	33.90 1.40 -7.97	29.56 1.44 -3.23	27.18 1.37 -2.17	24.82 1.25 -2.33	24.22 1.21 -2.22
SHOEMAKR_138KV_BK 111 55601	26.29 1.44 0.00	23.97 1.21 0.00	23.81 1.18 0.00	23.31 1.17 0.00	23.29 1.17 0.00	24.21 1.24 0.00	25.17 1.36 -0.34	27.18 1.33 -2.43	26.02 1.39 -1.14	25.28 1.36 -0.45	24.64 1.31 -0.40	22.39 1.17 -0.30	21.80 1.14 -0.25	21.68 1.17 0.00	21.48 1.12 0.00	23.52 1.12 -2.03	26.43 1.23 -3.54	31.95 1.44 -6.13	39.40 1.44 -13.05	33.85 1.40 -7.92	29.54 1.44 -3.21	27.17 1.37 -2.16	24.81 1.25 -2.32	24.17 1.16 -2.21
SHOREHAM_IC_1 23715	33.19 2.86 -5.48	31.66 2.55 -6.35	27.68 2.51 -2.53	27.83 2.57 -3.13	27.89 2.59 -3.19	30.60 2.69 -4.95	33.37 2.82 -7.09	31.98 2.83 -5.73	27.64 2.87 -1.28	26.71 2.74 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.25 2.40 -0.49	30.26 2.44 -7.45	34.43 2.71 -10.07	40.80 3.17 -13.25	42.72 3.16 -14.66	40.15 3.14 -12.47	38.90 3.16 -10.85	36.96 3.03 -10.30	33.59 2.65 -9.70	27.03 2.60 -3.63
SHOREHAM_IC_2 23716	33.19 2.86 -5.48	31.66 2.55 -6.35	27.68 2.51 -2.53	27.83 2.57 -3.13	27.89 2.59 -3.19	30.60 2.69 -4.95	33.37 2.82 -7.09	31.98 2.83 -5.73	27.64 2.87 -1.28	26.71 2.74 -0.50	25.99 2.61 -0.45	23.54 2.28 -0.33	22.91 2.22 -0.28	22.89 2.38 0.00	23.25 2.40 -0.49	30.26 2.44 -7.45	34.43 2.71 -10.07	40.80 3.17 -13.25	42.72 3.16 -14.66	40.15 3.14 -12.47	38.90 3.16 -10.85	36.96 3.03 -10.30	33.59 2.65 -9.70	27.03 2.60 -3.63
SISSONVILLE___ 23735	24.05 -0.80 0.00	22.17 -0.59 0.00	22.02 -0.61 0.00	21.43 -0.71 0.00	21.37 -0.75 0.00	21.94 -1.03 0.00	22.33 -1.15 -0.01	22.46 -1.01 -0.04	22.34 -1.17 -0.02	22.40 -1.08 -0.01	21.84 -1.10 -0.01	19.90 -1.03 -0.01	19.35 -1.06 0.00	19.11 -1.07 0.34	19.33 -1.02 0.01	19.43 -0.98 -0.04	20.66 -1.06 -0.07	20.51 -1.22 2.65	19.59 -1.22 4.10	20.16 -1.20 3.18	19.36 -1.22 4.31	19.15 -1.21 3.28	18.88 -1.00 1.36	18.80 -1.06 0.94
SITHE_IND_GS1 24169	23.80 -1.04 0.00	21.76 -1.00 0.00	21.66 -0.97 0.00	21.21 -0.93 0.00	21.21 -0.91 0.00	22.07 -0.90 0.00	22.63 -0.87 -0.03	22.72 -0.91 -0.22	22.70 -0.89 -0.10	22.59 -0.92 -0.04	22.07 -0.89 -0.04	20.18 -0.77 -0.03	19.68 -0.75 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.17 -0.80 -0.32	24.06 -0.88 -0.55	25.23 -0.85 -1.17	24.37 -0.88 -0.71	24.28 -0.89 -0.29	22.96 -0.87 -0.19	20.66 -0.79 -0.21	20.25 -0.75 -0.20
SITHE_IND_GS2 24170	23.80 -1.04 0.00	21.76 -1.00 0.00	21.66 -0.97 0.00	21.21 -0.93 0.00	21.21 -0.91 0.00	22.07 -0.90 0.00	22.63 -0.87 -0.03	22.72 -0.91 -0.22	22.70 -0.89 -0.10	22.59 -0.92 -0.04	22.07 -0.89 -0.04	20.18 -0.77 -0.03	19.68 -0.75 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.17 -0.80 -0.32	24.06 -0.88 -0.55	25.23 -0.85 -1.17	24.37 -0.88 -0.71	24.28 -0.89 -0.29	22.96 -0.87 -0.19	20.66 -0.79 -0.21	20.25 -0.75 -0.20
SITHE_IND_GS3 24171	23.80 -1.04 0.00	21.76 -1.00 0.00	21.66 -0.97 0.00	21.21 -0.93 0.00	21.21 -0.91 0.00	22.07 -0.90 0.00	22.63 -0.87 -0.03	22.72 -0.91 -0.22	22.70 -0.89 -0.10	22.59 -0.92 -0.04	22.07 -0.89 -0.04	20.18 -0.77 -0.03	19.68 -0.75 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.17 -0.80 -0.32	24.06 -0.88 -0.55	25.23 -0.85 -1.17	24.37 -0.88 -0.71	24.28 -0.89 -0.29	22.96 -0.87 -0.19	20.66 -0.79 -0.21	20.25 -0.75 -0.20
SITHE_IND_GS4 24172	23.80 -1.04 0.00	21.76 -1.00 0.00	21.66 -0.97 0.00	21.21 -0.93 0.00	21.21 -0.91 0.00	22.07 -0.90 0.00	22.63 -0.87 -0.03	22.72 -0.91 -0.22	22.70 -0.89 -0.10	22.59 -0.92 -0.04	22.07 -0.89 -0.04	20.18 -0.77 -0.03	19.68 -0.75 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.17 -0.80 -0.32	24.06 -0.88 -0.55	25.23 -0.85 -1.17	24.37 -0.88 -0.71	24.28 -0.89 -0.29	22.96 -0.87 -0.19	20.66 -0.79 -0.21	20.25 -0.75 -0.20
SITHE___BATAVIA 24024	23.48 -1.37 0.00	21.31 -1.46 0.00	21.37 -1.27 0.00	20.92 -1.22 0.00	20.99 -1.13 0.00	22.16 -0.80 0.00	22.68 -0.84 -0.06	22.42 -1.40 -0.40	22.49 -1.20 -0.19	22.28 -1.27 -0.07	21.78 -1.22 -0.07	19.82 -1.15 -0.05	19.23 -1.22 -0.04	19.26 -1.25 0.00	19.03 -1.32 0.00	19.42 -1.28 -0.34	21.07 -1.17 -0.58	24.21 -1.19 -1.01	25.87 -1.19 -2.16	24.62 -1.23 -1.31	24.30 -1.12 -0.53	22.93 -1.06 -0.36	20.71 -0.91 -0.38	20.52 -0.64 -0.36
SITHE___INDEPEND 23800	23.83 -1.02 0.00	21.79 -0.98 0.00	21.71 -0.93 0.00	21.23 -0.91 0.00	21.23 -0.88 0.00	22.07 -0.90 0.00	22.63 -0.87 -0.03	22.73 -0.91 -0.22	22.70 -0.89 -0.10	22.59 -0.92 -0.04	22.07 -0.89 -0.04	20.18 -0.77 -0.03	19.68 -0.76 -0.02	19.73 -0.78 0.00	19.56 -0.79 0.00	19.77 -0.77 -0.18	21.17 -0.80 -0.32	24.06 -0.88 -0.55	25.23 -0.85 -1.17	24.37 -0.88 -0.71	24.28 -0.90 -0.29	22.96 -0.87 -0.19	20.66 -0.79 -0.21	20.27 -0.73 -0.20
SITHE___MASSENA 23902	24.47 -0.37 0.00	22.51 -0.25 0.00	22.36 -0.27 0.00	21.83 -0.31 0.00	21.79 -0.33 0.00	22.49 -0.48 0.00	22.88 -0.59 0.00	22.93 -0.49 0.00	22.86 -0.63 0.00	22.91 -0.56 0.00	22.36 -0.57 0.00	20.38 -0.54 0.00	19.84 -0.57 0.00	19.55 -0.55 0.41	19.84 -0.51 0.01	19.88 -0.49 0.00	21.09 -0.56 0.00	20.33 -0.71 3.35	18.96 -0.70 5.25	19.85 -0.66 4.02	18.94 -0.67 5.28	18.98 -0.64 4.02	18.98 -0.55 1.70	19.04 -0.58 1.18

SITHE___OGDNSBRG 24021	24.57 -0.27 0.00	22.65 -0.11 0.00	22.50 -0.14 0.00	21.92 -0.22 0.00	21.90 -0.22 0.00	22.56 -0.41 0.00	22.93 -0.54 0.00	23.02 -0.40 0.00	22.93 -0.56 0.00	23.00 -0.47 0.00	22.45 -0.48 0.00	20.44 -0.48 0.00	19.88 -0.53 0.00	19.64 -0.51 0.36	19.86 -0.49 0.01	19.92 -0.45 0.00	21.18 -0.48 0.00	20.86 -0.54 2.99	19.67 -0.55 4.69	20.43 -0.52 3.60	19.65 -0.52 4.72	19.48 -0.57 3.59	19.25 -0.47 1.52	19.20 -0.54 1.06
SITHE___STERLING 23777	25.57 0.72 0.00	23.38 0.61 0.00	23.27 0.63 0.00	22.76 0.62 0.00	22.78 0.66 0.00	23.70 0.73 0.00	24.29 0.80 -0.03	24.37 0.77 -0.18	24.35 0.77 -0.09	24.28 0.77 -0.03	23.69 0.73 -0.03	21.57 0.63 -0.02	21.04 0.61 -0.02	21.13 0.61 0.00	20.93 0.57 0.00	21.11 0.59 -0.15	22.59 0.67 -0.26	25.72 0.88 -0.46	26.80 0.92 -0.98	25.97 0.83 -0.59	26.00 0.87 -0.24	24.53 0.73 -0.16	22.00 0.59 -0.17	21.57 0.60 -0.17
SLEIGHT__34_KV_TB1 80719	23.93 -0.92 0.00	21.81 -0.96 0.00	21.82 -0.81 0.00	21.28 -0.86 0.00	21.30 -0.82 0.00	22.30 -0.67 0.00	23.00 -0.52 -0.05	23.08 -0.70 -0.37	23.01 -0.66 -0.17	22.83 -0.70 -0.07	22.30 -0.69 -0.06	20.34 -0.63 -0.04	19.77 -0.67 -0.04	19.73 -0.78 0.00	19.54 -0.81 0.00	20.00 -0.67 -0.31	21.60 -0.58 -0.53	24.72 -0.59 -0.92	26.40 -0.47 -1.97	25.12 -0.61 -1.19	24.80 -0.57 -0.48	23.39 -0.57 -0.33	21.03 -0.55 -0.35	20.74 -0.40 -0.33
SOUTH CAIRO___GT 23612	26.91 2.06 0.00	24.72 1.96 0.00	24.60 1.97 0.00	24.15 2.01 0.00	23.93 1.81 0.00	24.85 1.88 0.00	25.64 1.74 -0.43	28.15 1.61 -3.11	26.58 1.62 -1.46	25.54 1.50 -0.57	24.85 1.40 -0.52	22.61 1.30 -0.38	21.97 1.25 -0.32	21.79 1.27 0.00	21.64 1.28 0.00	24.18 1.20 -2.61	27.59 1.39 -4.55	33.92 1.66 -7.87	43.55 1.87 -16.78	36.43 1.72 -10.17	30.70 1.69 -4.12	27.90 1.49 -2.77	25.51 1.30 -2.98	24.82 1.19 -2.83
SOUTH HAMPTN___IC 23720	33.44 3.11 -5.48	31.89 2.78 -6.35	27.93 2.76 -2.53	28.06 2.79 -3.13	28.14 2.83 -3.19	30.86 2.94 -4.95	33.63 3.07 -7.09	32.22 3.07 -5.73	27.85 3.08 -1.28	26.90 2.93 -0.50	26.15 2.77 -0.45	23.66 2.41 -0.33	23.03 2.35 -0.28	23.04 2.52 0.00	23.40 2.54 -0.49	30.41 2.59 -7.45	34.61 2.88 -10.07	41.00 3.37 -13.25	42.92 3.36 -14.66	40.35 3.34 -12.47	39.09 3.36 -10.85	37.15 3.21 -10.30	33.76 2.82 -9.70	27.20 2.77 -3.63
SOUTHDOW__115KV_TB1 355954	24.03 -0.82 0.00	21.65 -1.12 0.00	21.80 -0.84 0.00	21.28 -0.86 0.00	21.12 -1.00 0.00	22.30 -0.67 0.00	22.25 -1.29 -0.07	22.20 -1.71 -0.49	22.10 -1.62 -0.23	21.85 -1.71 -0.09	21.34 -1.67 -0.08	19.39 -1.59 -0.06	18.97 -1.49 -0.05	19.47 -1.05 0.00	19.16 -1.20 0.00	18.90 -1.87 -0.41	20.59 -1.78 -0.71	23.79 -1.83 -1.23	25.76 -1.77 -2.62	24.34 -1.79 -1.59	23.99 -1.54 -0.64	22.65 -1.42 -0.43	20.53 -1.17 -0.47	20.62 -0.62 -0.44
SOUTHOLD_69_KV_BK 2 55809	33.78 3.45 -5.48	32.21 3.10 -6.35	28.25 3.08 -2.53	28.39 3.12 -3.13	28.51 3.21 -3.19	31.29 3.38 -4.95	34.10 3.54 -7.09	32.60 3.44 -5.74	28.16 3.38 -1.28	27.14 3.17 -0.50	26.36 2.98 -0.45	23.85 2.59 -0.33	23.22 2.53 -0.28	23.16 2.65 0.00	23.58 2.73 -0.49	30.61 2.79 -7.45	34.85 3.12 -10.07	41.34 3.71 -13.25	43.29 3.74 -14.66	40.69 3.68 -12.47	39.42 3.68 -10.85	37.43 3.50 -10.30	34.02 3.08 -9.71	27.35 2.91 -3.63
SOUTHOLD___IC 23719	33.76 3.43 -5.48	32.19 3.07 -6.35	28.25 3.08 -2.53	28.39 3.12 -3.13	28.47 3.16 -3.19	31.22 3.31 -4.95	34.01 3.45 -7.09	32.57 3.42 -5.73	28.16 3.38 -1.28	27.14 3.17 -0.50	26.36 2.98 -0.45	23.85 2.59 -0.33	23.22 2.53 -0.28	23.22 2.71 0.00	23.58 2.73 -0.49	30.61 2.79 -7.45	34.85 3.12 -10.07	41.34 3.71 -13.25	43.27 3.71 -14.66	40.69 3.68 -12.47	39.42 3.68 -10.85	37.43 3.50 -10.30	34.00 3.06 -9.70	27.40 2.97 -3.63
SOUTH_FORK_WT_PWR 323839	33.71 3.38 -5.48	32.14 3.03 -6.35	28.20 3.03 -2.53	28.37 3.10 -3.13	28.47 3.16 -3.19	31.22 3.31 -4.95	33.98 3.43 -7.09	32.57 3.42 -5.73	28.11 3.33 -1.28	27.09 3.12 -0.50	26.29 2.91 -0.45	23.79 2.53 -0.33	23.16 2.47 -0.28	23.16 2.65 0.00	23.54 2.69 -0.49	30.55 2.73 -7.45	34.78 3.05 -10.07	41.27 3.63 -13.25	43.22 3.66 -14.66	40.64 3.63 -12.47	39.37 3.63 -10.85	37.36 3.43 -10.30	33.95 3.01 -9.70	27.36 2.93 -3.63
SPIERFLS_115KV_TB 1 80737	25.91 1.07 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.02 0.89 0.00	22.94 0.82 0.00	23.89 0.92 0.00	24.93 0.99 -0.47	27.93 1.10 -3.41	26.18 1.08 -1.60	25.15 1.06 -0.63	24.57 1.08 -0.56	22.28 0.94 -0.42	21.63 0.88 -0.35	21.38 0.86 0.00	21.19 0.83 0.00	24.07 0.88 -2.83	27.63 1.04 -4.94	34.08 1.15 -8.55	44.39 1.27 -18.21	36.79 1.20 -11.05	30.68 1.32 -4.48	27.81 1.16 -3.01	25.43 0.93 -3.26	24.77 0.87 -3.10
ST LAWRENCE____ 23600	24.25 -0.60 0.00	22.31 -0.46 0.00	22.16 -0.48 0.00	21.65 -0.49 0.00	21.61 -0.51 0.00	22.35 -0.62 0.00	22.77 -0.70 0.00	22.79 -0.63 0.00	22.74 -0.75 0.00	22.77 -0.70 0.00	22.22 -0.71 0.00	20.25 -0.67 0.00	19.75 -0.65 0.00	19.43 -0.66 0.42	19.74 -0.61 0.01	19.76 -0.61 0.00	20.96 -0.69 0.00	20.06 -0.85 3.47	18.60 -0.87 5.43	19.56 -0.81 4.17	18.57 -0.85 5.47	18.67 -0.80 4.16	18.75 -0.72 1.76	18.85 -0.73 1.22
STATE_CA_115KV_115_LB 55624	25.86 1.02 0.00	23.72 0.96 0.00	23.56 0.93 0.00	23.09 0.95 0.00	23.05 0.93 0.00	23.91 0.94 0.00	24.92 0.99 -0.46	27.76 1.01 -3.33	26.12 1.06 -1.56	25.16 1.08 -0.61	24.56 1.08 -0.55	22.36 1.03 -0.41	21.73 0.98 -0.34	21.52 1.01 0.00	21.33 0.98 0.00	24.10 0.96 -2.77	27.47 0.97 -4.84	33.81 1.05 -8.37	43.84 1.10 -17.84	36.42 1.06 -10.82	30.37 1.10 -4.38	27.65 1.06 -2.95	25.40 0.98 -3.19	24.87 1.04 -3.03
STATE_ST_34_KV_LOAD 55959	24.72 -0.12 0.00	22.56 -0.20 0.00	22.48 -0.16 0.00	21.98 -0.15 0.00	22.01 -0.11 0.00	22.95 -0.02 0.00	23.57 0.05 -0.05	23.79 -0.02 -0.39	23.70 0.02 -0.18	23.49 -0.05 -0.07	22.92 -0.07 -0.07	20.93 -0.04 -0.05	20.39 -0.06 -0.04	20.45 -0.06 0.00	20.26 -0.10 0.00	20.61 -0.08 -0.33	22.25 0.02 -0.57	25.50 0.12 -0.99	27.24 0.22 -2.12	25.92 0.10 -1.28	25.51 0.10 -0.52	24.03 0.05 -0.35	21.57 -0.04 -0.38	21.16 0.00 -0.36
STATION 5_MISC_HYD 23604	23.63 -1.22 0.00	21.47 -1.30 0.00	21.46 -1.18 0.00	21.01 -1.13 0.00	21.06 -1.06 0.00	22.14 -0.83 0.00	22.89 -0.63 -0.05	22.78 -1.01 -0.37	22.80 -0.87 -0.17	22.62 -0.92 -0.07	22.12 -0.87 -0.06	20.15 -0.82 -0.05	19.57 -0.88 -0.04	19.49 -1.03 0.00	19.28 -1.08 0.00	19.78 -0.90 -0.31	21.37 -0.82 -0.54	24.49 -0.83 -0.93	26.08 -0.80 -1.98	24.88 -0.86 -1.20	24.58 -0.80 -0.49	23.21 -0.76 -0.33	20.91 -0.68 -0.35	20.63 -0.50 -0.33
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.30 -0.55 0.00	22.13 -0.64 0.00	22.16 -0.48 0.00	21.59 -0.55 0.00	21.61 -0.51 0.00	22.65 -0.32 0.00	23.33 -0.19 -0.05	23.42 -0.37 -0.37	23.32 -0.35 -0.18	23.12 -0.42 -0.07	22.58 -0.41 -0.06	20.59 -0.38 -0.05	20.02 -0.43 -0.04	20.00 -0.51 0.00	19.79 -0.57 0.00	20.23 -0.45 -0.31	21.88 -0.32 -0.55	25.06 -0.27 -0.94	26.77 -0.15 -2.01	25.46 -0.29 -1.22	25.13 -0.25 -0.49	23.69 -0.28 -0.33	21.30 -0.30 -0.36	21.02 -0.12 -0.34

STA_56___34_KV_BUS2_REV_LBMP_B 345033	23.65 -1.19 0.00	21.53 -1.23 0.00	21.59 -1.04 0.00	21.01 -1.13 0.00	21.01 -1.11 0.00	22.07 -0.90 0.00	22.79 -0.73 -0.05	22.80 -0.98 -0.37	22.73 -0.94 -0.17	22.55 -0.99 -0.07	22.05 -0.94 -0.06	20.11 -0.86 -0.05	19.53 -0.92 -0.04	19.45 -1.07 0.00	19.24 -1.12 0.00	19.74 -0.94 -0.31	21.35 -0.84 -0.53	24.43 -0.88 -0.93	26.08 -0.80 -1.97	24.83 -0.91 -1.20	24.53 -0.85 -0.48	23.14 -0.83 -0.33	20.86 -0.72 -0.35	20.63 -0.50 -0.33
STA_56___34_KV_BUS2 355983	23.65 -1.19 0.00	21.53 -1.23 0.00	21.59 -1.04 0.00	21.01 -1.13 0.00	21.01 -1.11 0.00	22.07 -0.90 0.00	22.79 -0.73 -0.05	22.80 -0.98 -0.37	22.73 -0.94 -0.17	22.55 -0.99 -0.07	22.05 -0.94 -0.06	20.11 -0.86 -0.05	19.53 -0.92 -0.04	19.45 -1.07 0.00	19.24 -1.12 0.00	19.74 -0.94 -0.31	21.35 -0.84 -0.53	24.43 -0.88 -0.93	26.08 -0.80 -1.97	24.83 -0.91 -1.20	24.53 -0.85 -0.48	23.14 -0.83 -0.33	20.86 -0.72 -0.35	20.63 -0.50 -0.33
STA_67___115KV_BK2 355882	23.68 -1.17 0.00	21.56 -1.21 0.00	21.64 -1.00 0.00	21.03 -1.11 0.00	21.03 -1.08 0.00	22.10 -0.87 0.00	22.82 -0.70 -0.05	22.83 -0.96 -0.37	22.75 -0.92 -0.17	22.57 -0.96 -0.07	22.07 -0.92 -0.06	20.13 -0.84 -0.05	19.53 -0.92 -0.04	19.45 -1.07 0.00	19.24 -1.12 0.00	19.76 -0.92 -0.31	21.35 -0.84 -0.54	24.41 -0.90 -0.93	26.06 -0.82 -1.98	24.83 -0.91 -1.20	24.53 -0.85 -0.49	23.16 -0.80 -0.33	20.89 -0.70 -0.35	20.70 -0.44 -0.33
STA_7___115KV_9TRANS 80674	23.83 -1.02 0.00	21.67 -1.09 0.00	21.75 -0.88 0.00	21.16 -0.97 0.00	21.17 -0.95 0.00	22.23 -0.73 0.00	22.96 -0.56 -0.05	22.97 -0.82 -0.37	22.89 -0.78 -0.17	22.72 -0.82 -0.07	22.21 -0.78 -0.06	20.26 -0.71 -0.05	19.67 -0.78 -0.04	19.59 -0.92 0.00	19.38 -0.98 0.00	19.88 -0.79 -0.31	21.50 -0.69 -0.54	24.61 -0.71 -0.93	26.26 -0.62 -1.98	25.00 -0.74 -1.20	24.73 -0.65 -0.49	23.33 -0.64 -0.33	21.01 -0.57 -0.35	20.82 -0.31 -0.33
STA_82___115KV_TB1 80780	23.70 -1.14 0.00	21.56 -1.21 0.00	21.64 -1.00 0.00	21.05 -1.08 0.00	21.06 -1.06 0.00	22.12 -0.85 0.00	22.84 -0.68 -0.05	22.85 -0.94 -0.37	22.78 -0.89 -0.17	22.60 -0.94 -0.07	22.07 -0.92 -0.06	20.13 -0.84 -0.05	19.55 -0.90 -0.04	19.47 -1.05 0.00	19.26 -1.10 0.00	19.76 -0.92 -0.31	21.37 -0.82 -0.54	24.44 -0.88 -0.93	26.09 -0.80 -1.99	24.84 -0.91 -1.21	24.56 -0.82 -0.49	23.16 -0.80 -0.33	20.91 -0.68 -0.35	20.72 -0.42 -0.34
STEEL___WIND 323596	23.18 -1.66 0.00	21.03 -1.73 0.00	21.12 -1.52 0.00	20.70 -1.44 0.00	20.75 -1.37 0.00	21.91 -1.06 0.00	22.01 -1.53 -0.06	21.78 -2.08 -0.45	21.87 -1.83 -0.21	21.65 -1.90 -0.08	21.15 -1.86 -0.07	19.24 -1.74 -0.05	18.78 -1.67 -0.05	19.06 -1.46 0.00	18.79 -1.57 0.00	18.85 -1.89 -0.37	20.42 -1.88 -0.65	23.47 -2.05 -1.13	25.24 -2.07 -2.41	23.94 -2.06 -1.46	23.56 -1.92 -0.59	22.26 -1.77 -0.40	20.20 -1.46 -0.43	20.12 -1.08 -0.41
STEPHTWN_115KV_BK_2 55603	26.14 1.29 0.00	23.95 1.18 0.00	23.79 1.15 0.00	23.31 1.17 0.00	23.27 1.15 0.00	24.16 1.19 0.00	25.17 1.24 -0.46	27.98 1.26 -3.29	26.36 1.32 -1.55	25.39 1.31 -0.61	24.78 1.31 -0.55	22.54 1.21 -0.40	21.91 1.16 -0.34	21.68 1.17 0.00	21.52 1.16 0.00	24.25 1.14 -2.74	27.63 1.19 -4.78	33.96 1.29 -8.28	43.92 1.37 -17.65	36.57 1.33 -10.70	30.62 1.39 -4.34	27.88 1.32 -2.92	25.60 1.21 -3.15	25.04 1.25 -3.00
STEUBEN_REC_LFGE 323667	25.59 0.75 0.00	23.24 0.48 0.00	23.27 0.63 0.00	22.69 0.55 0.00	22.71 0.60 0.00	23.80 0.83 0.00	24.10 0.54 -0.09	24.50 0.42 -0.66	24.21 0.40 -0.31	23.83 0.23 -0.12	23.15 0.11 -0.11	21.07 0.06 -0.08	20.58 0.10 -0.07	20.82 0.31 0.00	20.58 0.22 0.00	20.86 -0.06 -0.55	22.82 0.19 -0.97	26.47 0.41 -1.67	29.04 0.57 -3.57	27.07 0.37 -2.16	26.24 0.47 -0.88	24.65 0.43 -0.59	22.17 0.30 -0.63	21.80 0.40 -0.60
STILLWATER___SOLAR 323814	26.31 1.47 0.00	24.06 1.30 0.00	23.92 1.29 0.00	23.42 1.28 0.00	23.36 1.24 0.00	24.30 1.33 0.00	25.30 1.36 -0.47	28.27 1.50 -3.35	26.57 1.50 -1.57	25.59 1.50 -0.62	24.98 1.49 -0.56	22.68 1.34 -0.41	22.04 1.29 -0.34	21.81 1.29 0.00	21.62 1.26 0.00	24.46 1.28 -2.81	27.98 1.43 -4.89	34.45 1.58 -8.48	44.66 1.69 -18.06	37.14 1.64 -10.95	31.04 1.72 -4.44	28.21 1.58 -2.99	25.82 1.38 -3.21	25.18 1.33 -3.05
STONY___BROOK 24151	33.19 2.86 -5.48	31.60 2.48 -6.35	27.61 2.45 -2.53	27.70 2.44 -3.13	27.76 2.45 -3.19	30.47 2.55 -4.95	33.23 2.67 -7.09	31.89 2.74 -5.73	27.57 2.79 -1.28	26.67 2.70 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.91 2.22 -0.28	22.87 2.36 0.00	23.23 2.38 -0.49	30.22 2.40 -7.45	34.37 2.64 -10.07	40.71 3.07 -13.25	42.62 3.06 -14.66	40.03 3.02 -12.47	38.80 3.06 -10.85	36.87 2.93 -10.30	33.53 2.59 -9.70	26.94 2.52 -3.63
STURGEON_POOL_HYD 23609	26.73 1.89 0.00	24.31 1.55 0.00	24.13 1.49 0.00	23.64 1.51 0.00	23.62 1.50 0.00	24.55 1.58 0.00	25.45 1.60 -0.38	27.73 1.55 -2.76	26.39 1.60 -1.30	25.55 1.57 -0.51	24.88 1.49 -0.46	22.64 1.38 -0.34	22.06 1.37 -0.28	21.93 1.42 0.00	21.74 1.38 0.00	23.96 1.28 -2.31	27.11 1.43 -4.02	33.06 1.71 -6.97	41.47 1.72 -14.85	35.21 1.67 -9.01	30.21 1.67 -3.65	27.68 1.58 -2.46	25.30 1.42 -2.64	24.60 1.29 -2.51
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.44 1.59 0.00	24.08 1.32 0.00	23.92 1.29 0.00	23.42 1.28 0.00	23.42 1.30 0.00	24.35 1.38 0.00	25.32 1.50 -0.35	27.39 1.48 -2.50	26.22 1.55 -1.17	25.45 1.53 -0.46	24.81 1.47 -0.42	22.55 1.32 -0.31	21.95 1.29 -0.26	21.83 1.31 0.00	21.62 1.26 0.00	23.72 1.26 -2.09	26.68 1.39 -3.64	32.30 1.61 -6.30	39.92 1.59 -13.43	34.25 1.57 -8.14	29.81 1.62 -3.30	27.39 1.54 -2.22	25.03 1.40 -2.39	24.36 1.29 -2.27
SWANROAD_115KV_TB1 355699	22.61 -2.24 0.00	20.56 -2.21 0.00	20.80 -1.83 0.00	20.10 -2.04 0.00	20.13 -1.99 0.00	21.27 -1.70 0.00	21.58 -1.95 -0.06	21.45 -2.39 -0.42	21.41 -2.28 -0.20	21.20 -2.35 -0.08	20.71 -2.29 -0.07	18.86 -2.11 -0.05	18.33 -2.12 -0.04	18.36 -2.15 0.00	18.10 -2.26 0.00	18.48 -2.24 -0.35	20.04 -2.23 -0.62	22.94 -2.51 -1.07	24.66 -2.52 -2.27	23.39 -2.53 -1.38	23.03 -2.41 -0.56	21.77 -2.25 -0.38	19.79 -1.85 -0.40	19.87 -1.31 -0.38
SYNERGY___BIOGAS 323694	23.48 -1.37 0.00	21.31 -1.46 0.00	21.37 -1.27 0.00	20.92 -1.22 0.00	20.99 -1.13 0.00	22.16 -0.80 0.00	22.68 -0.84 -0.06	22.42 -1.40 -0.40	22.49 -1.20 -0.19	22.28 -1.27 -0.07	21.78 -1.22 -0.07	19.82 -1.15 -0.05	19.23 -1.22 -0.04	19.26 -1.25 0.00	19.03 -1.32 0.00	19.42 -1.28 -0.34	21.07 -1.17 -0.58	24.21 -1.19 -1.01	25.87 -1.19 -2.16	24.62 -1.23 -1.31	24.30 -1.12 -0.53	22.93 -1.06 -0.36	20.71 -0.91 -0.38	20.52 -0.64 -0.36
SYRACUSE___ENERGY_ST1 323597	24.52 -0.32 0.00	22.40 -0.36 0.00	22.29 -0.34 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.51 -0.23 -0.33	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.19 -0.47	25.06 -0.15 -0.82	26.58 -0.07 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.93 -0.17 -0.30

SYRACUSE___ENERGY_ST2 323598	24.52 -0.32 0.00	22.40 -0.36 0.00	22.29 -0.34 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.51 -0.23 -0.33	23.44 -0.21 -0.15	23.27 -0.26 -0.06	22.73 -0.25 -0.05	20.73 -0.23 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.39 -0.24 -0.27	21.94 -0.19 -0.47	25.06 -0.15 -0.82	26.58 -0.07 -1.75	25.43 -0.17 -1.06	25.17 -0.15 -0.43	23.74 -0.19 -0.29	21.33 -0.21 -0.31	20.93 -0.17 -0.30
SYRACUSE___POWER 24017	24.52 -0.32 0.00	22.40 -0.36 0.00	22.32 -0.32 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.52 -0.23 -0.34	23.44 -0.21 -0.16	23.27 -0.26 -0.06	22.73 -0.25 -0.06	20.76 -0.21 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.40 -0.24 -0.28	21.98 -0.17 -0.49	25.09 -0.15 -0.85	26.64 -0.07 -1.82	25.47 -0.17 -1.10	25.19 -0.15 -0.45	23.75 -0.19 -0.30	21.37 -0.19 -0.32	20.94 -0.17 -0.31
TALLMAN__138KV_BK151 55660	26.66 1.81 0.00	24.29 1.53 0.00	24.10 1.47 0.00	23.62 1.48 0.00	23.62 1.50 0.00	24.55 1.58 0.00	25.57 1.74 -0.36	27.72 1.71 -2.59	26.50 1.79 -1.22	25.73 1.78 -0.48	25.08 1.72 -0.43	22.79 1.55 -0.32	22.18 1.51 -0.27	22.05 1.54 0.00	21.84 1.49 0.00	24.02 1.49 -2.17	27.03 1.60 -3.77	32.78 1.85 -6.54	40.67 1.84 -13.92	34.80 1.82 -8.45	30.18 1.87 -3.42	27.74 1.80 -2.30	25.35 1.64 -2.48	24.67 1.52 -2.36
TEALLAVE_115KV_TB7 355573	24.35 -0.50 0.00	22.24 -0.52 0.00	22.16 -0.48 0.00	21.70 -0.44 0.00	21.70 -0.42 0.00	22.60 -0.37 0.00	23.18 -0.33 -0.04	23.31 -0.40 -0.29	23.28 -0.35 -0.14	23.12 -0.40 -0.05	22.59 -0.39 -0.05	20.63 -0.33 -0.04	20.11 -0.33 -0.03	20.16 -0.35 0.00	19.97 -0.39 0.00	20.24 -0.37 -0.24	21.75 -0.32 -0.42	24.80 -0.32 -0.73	26.21 -0.25 -1.56	25.16 -0.32 -0.94	24.95 -0.32 -0.38	23.56 -0.33 -0.26	21.19 -0.32 -0.28	20.79 -0.27 -0.26
TELGRAPH_34_KV_EAST 80808	23.26 -1.59 0.00	21.12 -1.64 0.00	21.34 -1.29 0.00	20.66 -1.48 0.00	20.66 -1.46 0.00	21.84 -1.13 0.00	22.24 -1.29 -0.06	22.12 -1.71 -0.41	22.07 -1.62 -0.19	21.85 -1.69 -0.08	21.37 -1.63 -0.07	19.45 -1.53 -0.05	18.88 -1.57 -0.04	18.93 -1.58 0.00	18.67 -1.69 0.00	19.04 -1.67 -0.34	20.67 -1.58 -0.60	23.69 -1.73 -1.03	25.41 -1.69 -2.20	24.10 -1.77 -1.33	23.79 -1.64 -0.54	22.44 -1.56 -0.36	20.35 -1.27 -0.39	20.36 -0.81 -0.37
TEMPLE___115KV_TB 2 55572	24.37 -0.47 0.00	22.26 -0.50 0.00	22.18 -0.45 0.00	21.70 -0.44 0.00	21.70 -0.42 0.00	22.60 -0.37 0.00	23.20 -0.31 -0.04	23.34 -0.37 -0.29	23.28 -0.35 -0.14	23.15 -0.38 -0.05	22.59 -0.39 -0.05	20.63 -0.33 -0.04	20.13 -0.31 -0.03	20.16 -0.35 0.00	19.99 -0.37 0.00	20.26 -0.35 -0.25	21.78 -0.30 -0.43	24.83 -0.29 -0.74	26.26 -0.22 -1.58	25.18 -0.32 -0.96	24.98 -0.30 -0.39	23.59 -0.31 -0.26	21.20 -0.32 -0.28	20.80 -0.27 -0.27
TIANA____69_KV_BK 1 55817	33.39 3.06 -5.48	31.85 2.73 -6.35	27.86 2.69 -2.53	27.99 2.72 -3.13	28.07 2.76 -3.19	30.83 2.92 -4.95	33.65 3.10 -7.09	32.18 3.02 -5.74	27.78 3.01 -1.28	26.83 2.86 -0.50	26.11 2.73 -0.45	23.62 2.36 -0.33	23.01 2.33 -0.28	22.93 2.42 0.00	23.35 2.50 -0.49	30.37 2.55 -7.45	34.56 2.84 -10.07	40.95 3.32 -13.25	42.90 3.34 -14.66	40.30 3.29 -12.47	39.05 3.31 -10.85	37.10 3.17 -10.30	33.74 2.80 -9.71	27.08 2.64 -3.63
TILDEN__115KV_TB1 80814	24.52 -0.32 0.00	22.40 -0.36 0.00	22.32 -0.32 0.00	21.83 -0.31 0.00	21.83 -0.29 0.00	22.74 -0.23 0.00	23.33 -0.19 -0.05	23.52 -0.23 -0.34	23.44 -0.21 -0.16	23.27 -0.26 -0.06	22.73 -0.25 -0.06	20.76 -0.21 -0.04	20.24 -0.20 -0.03	20.29 -0.23 0.00	20.11 -0.24 0.00	20.40 -0.24 -0.28	21.98 -0.17 -0.49	25.09 -0.15 -0.85	26.64 -0.07 -1.82	25.47 -0.17 -1.10	25.19 -0.15 -0.45	23.75 -0.19 -0.30	21.37 -0.19 -0.32	20.94 -0.17 -0.31
TRIGEN___CC 323695	32.77 2.43 -5.48	31.19 2.07 -6.35	27.18 2.01 -2.53	27.26 1.99 -3.13	27.34 2.03 -3.19	30.08 2.16 -4.95	32.86 2.30 -7.09	31.45 2.30 -5.74	27.12 2.35 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.25 1.99 -0.33	22.65 1.96 -0.28	22.52 2.01 0.00	22.87 2.02 -0.49	29.84 2.02 -7.45	33.89 2.17 -10.07	40.12 2.49 -13.25	42.05 2.49 -14.66	39.46 2.45 -12.47	38.22 2.49 -10.85	36.32 2.39 -10.29	33.11 2.17 -9.71	26.47 2.04 -3.63
TRINITY__115KV__ 4 BK 55933	25.79 0.94 0.00	23.65 0.89 0.00	23.52 0.88 0.00	23.02 0.89 0.00	23.00 0.88 0.00	23.84 0.87 0.00	24.84 0.92 -0.46	27.68 0.96 -3.30	26.06 1.01 -1.55	25.11 1.03 -0.61	24.51 1.03 -0.55	22.31 0.98 -0.40	21.68 0.94 -0.34	21.46 0.94 0.00	21.29 0.94 0.00	24.03 0.92 -2.75	27.38 0.93 -4.79	33.69 1.00 -8.30	43.64 1.05 -17.69	36.27 1.01 -10.73	30.28 1.05 -4.35	27.56 0.99 -2.93	25.33 0.93 -3.16	24.80 1.00 -3.00
UNION___PROCESSING_DRP 323587	23.70 -1.14 0.00	21.56 -1.21 0.00	21.66 -0.97 0.00	21.05 -1.08 0.00	21.06 -1.06 0.00	22.12 -0.85 0.00	22.84 -0.68 -0.05	22.85 -0.94 -0.37	22.78 -0.89 -0.17	22.60 -0.94 -0.07	22.10 -0.89 -0.06	20.15 -0.82 -0.05	19.55 -0.90 -0.04	19.47 -1.05 0.00	19.26 -1.10 0.00	19.78 -0.90 -0.31	21.37 -0.82 -0.54	24.47 -0.85 -0.93	26.12 -0.77 -1.99	24.86 -0.88 -1.21	24.56 -0.82 -0.49	23.19 -0.78 -0.33	20.91 -0.68 -0.35	20.72 -0.42 -0.34
UPPER HUDSON___HYD 24058	25.91 1.07 0.00	23.65 0.89 0.00	23.54 0.91 0.00	23.05 0.91 0.00	22.96 0.84 0.00	23.89 0.92 0.00	24.91 0.96 -0.47	27.88 1.08 -3.38	26.16 1.08 -1.59	25.15 1.06 -0.62	24.57 1.08 -0.56	22.28 0.94 -0.42	21.63 0.88 -0.35	21.37 0.86 0.00	21.19 0.83 0.00	24.07 0.88 -2.83	27.63 1.04 -4.94	34.08 1.15 -8.55	44.39 1.27 -18.21	36.79 1.20 -11.05	30.68 1.32 -4.48	27.81 1.16 -3.01	25.40 0.93 -3.24	24.77 0.89 -3.07
UPPER RAQUET___HYD 24056	24.10 -0.74 0.00	22.20 -0.57 0.00	22.05 -0.59 0.00	21.43 -0.71 0.00	21.37 -0.75 0.00	21.94 -1.03 0.00	22.35 -1.13 -0.01	22.48 -0.98 -0.04	22.34 -1.17 -0.02	22.40 -1.08 -0.01	21.84 -1.10 -0.01	19.90 -1.02 -0.01	19.37 -1.04 0.00	19.11 -1.07 0.34	19.33 -1.02 0.01	19.43 -0.98 -0.04	20.66 -1.06 -0.07	20.51 -1.22 2.65	19.59 -1.22 4.10	20.16 -1.20 3.18	19.36 -1.22 4.31	19.15 -1.20 3.28	18.88 -1.00 1.36	18.83 -1.04 0.94
VALLEY44_115KV_TB2 355964	24.08 -0.77 0.00	21.88 -0.89 0.00	22.02 -0.61 0.00	21.39 -0.75 0.00	21.39 -0.73 0.00	22.56 -0.41 0.00	21.90 -1.64 -0.07	22.03 -1.90 -0.50	21.92 -1.81 -0.24	21.68 -1.88 -0.09	21.15 -1.86 -0.08	19.25 -1.74 -0.06	18.95 -1.51 -0.05	19.78 -0.74 0.00	19.48 -0.88 0.00	18.83 -1.96 -0.42	20.46 -1.93 -0.73	23.56 -2.10 -1.27	25.47 -2.14 -2.71	24.00 -2.18 -1.64	23.61 -1.94 -0.66	22.29 -1.80 -0.45	20.21 -1.51 -0.48	20.11 -1.14 -0.46
VALLEY___115KV_TB 1-4 80826	25.32 0.47 0.00	23.22 0.46 0.00	23.11 0.48 0.00	22.60 0.46 0.00	22.60 0.49 0.00	23.43 0.46 0.00	23.92 0.45 0.00	23.82 0.40 0.00	23.89 0.40 0.00	23.84 0.38 0.00	23.23 0.30 0.00	21.18 0.25 0.00	20.63 0.22 0.00	20.74 0.21 -0.02	20.48 0.12 0.00	20.49 0.12 0.00	21.83 0.17 0.00	24.83 0.27 -0.18	25.43 0.25 -0.28	24.92 0.17 -0.21	25.32 0.15 -0.28	23.99 0.14 -0.21	21.43 0.11 -0.09	20.95 0.08 -0.06

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.81 1.96 0.00	24.45 1.68 0.00	24.33 1.70 0.00	23.78 1.64 0.00	23.87 1.75 0.00	24.83 1.86 0.00	25.58 1.95 -0.17	26.56 1.94 -1.19	26.01 1.95 -0.56	25.66 1.97 -0.22	25.01 1.88 -0.20	22.74 1.67 -0.15	22.12 1.59 -0.12	22.09 1.58 0.00	21.86 1.51 0.00	22.83 1.47 -1.00	25.00 1.60 -1.74	29.43 2.02 -3.02	33.40 2.07 -6.42	30.42 1.99 -3.90	28.53 2.07 -1.58	26.57 1.87 -1.06	24.01 1.64 -1.14	23.47 1.58 -1.09
VISCHER___FERRY HYD 24020	26.19 1.34 0.00	23.97 1.21 0.00	23.83 1.20 0.00	23.33 1.19 0.00	23.31 1.19 0.00	24.21 1.24 0.00	25.22 1.29 -0.46	28.20 1.50 -3.28	26.59 1.55 -1.54	25.62 1.55 -0.60	25.01 1.54 -0.55	22.73 1.40 -0.40	22.09 1.35 -0.34	21.89 1.37 0.00	21.70 1.34 0.00	24.44 1.32 -2.75	27.90 1.45 -4.79	34.29 1.61 -8.30	44.28 1.69 -17.68	36.90 1.64 -10.72	30.93 1.69 -4.34	28.17 1.61 -2.92	25.80 1.42 -3.14	25.16 1.37 -2.98
V_A_10_SYNC_DSASP 323832	22.88 -1.96 0.00	20.76 -2.00 0.00	20.82 -1.81 0.00	20.39 -1.75 0.00	20.46 -1.66 0.00	21.57 -1.40 0.00	22.30 -1.22 -0.05	22.08 -1.73 -0.39	22.17 -1.50 -0.18	21.97 -1.57 -0.07	21.46 -1.54 -0.07	19.55 -1.42 -0.05	18.96 -1.49 -0.04	18.83 -1.68 0.00	18.61 -1.75 0.00	19.17 -1.53 -0.33	20.71 -1.52 -0.57	23.70 -1.68 -0.99	25.35 -1.67 -2.11	24.13 -1.69 -1.28	23.81 -1.59 -0.52	22.50 -1.49 -0.35	20.40 -1.21 -0.38	20.22 -0.94 -0.36
V_CMM_10_SYNC_DSASP 323787	24.35 -0.50 0.00	22.42 -0.34 0.00	22.27 -0.36 0.00	21.74 -0.40 0.00	21.70 -0.42 0.00	22.44 -0.53 0.00	22.84 -0.63 0.00	22.88 -0.54 0.00	22.81 -0.68 0.00	22.86 -0.61 0.00	22.31 -0.62 0.00	20.34 -0.59 0.00	19.84 -0.57 0.00	19.52 -0.57 0.42	19.80 -0.55 0.01	19.84 -0.53 0.00	21.05 -0.61 0.00	20.16 -0.76 3.47	18.70 -0.77 5.43	19.63 -0.74 4.17	18.67 -0.75 5.47	18.77 -0.71 4.16	18.84 -0.64 1.76	18.93 -0.64 1.22
V_CMP_10_SYNC_DSASP 323788	24.87 0.02 0.00	22.92 0.16 0.00	22.81 0.18 0.00	22.32 0.18 0.00	22.27 0.16 0.00	22.95 -0.02 0.00	23.31 -0.16 0.00	23.28 -0.14 0.00	23.07 -0.42 0.00	23.12 -0.35 0.00	22.47 -0.46 0.00	20.42 -0.50 0.00	19.84 -0.57 0.00	19.43 -0.66 0.42	19.72 -0.63 0.01	19.77 -0.59 0.00	21.05 -0.61 0.00	20.08 -0.83 3.47	18.61 -0.85 5.44	19.50 -0.86 4.17	18.46 -0.95 5.48	18.55 -0.92 4.17	18.60 -0.87 1.76	18.76 -0.81 1.23
V_D_10_SYNC_DSASP 323841	24.47 -0.37 0.00	22.51 -0.25 0.00	22.36 -0.27 0.00	21.83 -0.31 0.00	21.79 -0.33 0.00	22.49 -0.48 0.00	22.91 -0.56 0.00	22.95 -0.47 0.00	22.86 -0.63 0.00	22.91 -0.56 0.00	22.36 -0.57 0.00	20.38 -0.54 0.00	19.84 -0.57 0.00	19.55 -0.55 0.41	19.84 -0.51 0.01	19.88 -0.49 0.00	21.09 -0.56 0.00	20.32 -0.71 3.36	18.95 -0.70 5.26	19.84 -0.66 4.03	18.92 -0.67 5.29	18.97 -0.64 4.03	18.98 -0.55 1.70	19.03 -0.58 1.18
V_E_10_SYNC_DSASP 323830	27.33 2.48 0.00	24.93 2.16 0.00	24.79 2.15 0.00	24.13 1.99 0.00	24.24 2.12 0.00	25.29 2.32 0.00	25.92 2.32 -0.12	26.62 2.32 -0.88	26.14 2.23 -0.41	25.74 2.11 -0.16	24.93 1.86 -0.15	22.71 1.67 -0.11	22.07 1.57 -0.09	22.03 1.52 0.00	21.82 1.47 0.00	22.55 1.45 -0.74	24.71 1.78 -1.28	29.07 2.46 -2.22	32.22 2.59 -4.73	29.79 2.38 -2.87	28.49 2.44 -1.16	26.50 2.08 -0.78	23.77 1.70 -0.84	23.30 1.71 -0.80
V_F_30_NSYNC___DSASP 323816	26.34 1.49 0.00	24.08 1.32 0.00	23.95 1.31 0.00	23.44 1.31 0.00	23.38 1.26 0.00	24.32 1.35 0.00	25.33 1.38 -0.47	28.29 1.50 -3.36	26.58 1.50 -1.58	25.59 1.50 -0.62	24.98 1.49 -0.56	22.68 1.34 -0.41	22.04 1.29 -0.35	21.79 1.27 0.00	21.62 1.26 0.00	24.47 1.28 -2.82	28.00 1.43 -4.91	34.48 1.58 -8.51	44.73 1.69 -18.13	37.18 1.64 -11.00	31.06 1.72 -4.45	28.22 1.58 -3.00	25.83 1.38 -3.22	25.19 1.33 -3.06
V_F_30_SYNC_DSASP 323786	25.86 1.02 0.00	23.72 0.96 0.00	23.56 0.93 0.00	23.09 0.95 0.00	23.05 0.93 0.00	23.91 0.94 0.00	24.92 0.99 -0.46	27.75 1.01 -3.33	26.11 1.06 -1.56	25.16 1.08 -0.61	24.56 1.08 -0.55	22.36 1.03 -0.41	21.73 0.98 -0.34	21.50 0.98 0.00	21.33 0.98 0.00	24.10 0.96 -2.77	27.46 0.97 -4.83	33.80 1.05 -8.37	43.83 1.10 -17.83	36.41 1.06 -10.81	30.37 1.10 -4.38	27.65 1.06 -2.95	25.40 0.98 -3.18	24.87 1.04 -3.03
V_XM_10_SYNC_DSASP 323789	24.87 0.02 0.00	22.92 0.16 0.00	22.81 0.18 0.00	22.32 0.18 0.00	22.27 0.16 0.00	22.95 -0.02 0.00	23.31 -0.16 0.00	23.28 -0.14 0.00	23.07 -0.42 0.00	23.12 -0.35 0.00	22.47 -0.46 0.00	20.42 -0.50 0.00	19.84 -0.57 0.00	19.43 -0.66 0.42	19.72 -0.63 0.01	19.77 -0.59 0.00	21.05 -0.61 0.00	20.08 -0.83 3.47	18.61 -0.85 5.44	19.50 -0.86 4.17	18.46 -0.95 5.48	18.55 -0.92 4.17	18.60 -0.87 1.76	18.76 -0.81 1.23
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.88 2.04 0.00	24.47 1.71 0.00	24.29 1.65 0.00	23.80 1.66 0.00	23.80 1.68 0.00	24.74 1.77 0.00	25.76 1.92 -0.37	27.97 1.90 -2.66	26.72 1.97 -1.25	25.93 1.97 -0.49	25.27 1.90 -0.44	22.97 1.72 -0.33	22.35 1.67 -0.27	22.22 1.70 0.00	22.01 1.65 0.00	24.24 1.65 -2.22	27.33 1.80 -3.87	33.16 2.07 -6.70	41.28 2.09 -14.28	35.26 2.06 -8.66	30.49 2.09 -3.51	27.99 1.99 -2.36	25.58 1.80 -2.54	24.90 1.68 -2.42
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.06 2.21 0.00	24.63 1.87 0.00	24.42 1.79 0.00	23.91 1.77 0.00	23.98 1.86 0.00	24.92 1.95 0.00	25.96 2.11 -0.38	28.23 2.08 -2.73	26.96 2.18 -1.28	26.15 2.18 -0.50	25.49 2.11 -0.45	23.16 1.90 -0.33	22.89 1.88 -0.60	22.40 1.89 0.00	22.19 1.83 0.00	24.51 1.85 -2.29	27.62 1.99 -3.97	33.56 2.29 -6.88	41.85 2.29 -14.66	35.69 2.26 -8.89	30.76 2.26 -3.60	28.28 2.20 -2.44	25.86 2.00 -2.62	25.15 1.87 -2.48
W50THST__13_KV_LOAD 356117	27.21 2.36 0.00	24.72 1.96 0.00	24.53 1.90 0.00	24.02 1.88 0.00	24.06 1.95 0.00	25.01 2.04 0.00	26.08 2.23 -0.38	28.35 2.20 -2.73	27.08 2.30 -1.28	26.27 2.30 -0.50	25.61 2.22 -0.45	23.27 2.01 -0.33	22.99 1.98 -0.60	22.50 1.99 0.00	22.29 1.93 0.00	24.64 1.98 -2.29	27.75 2.12 -3.97	33.71 2.44 -6.88	42.00 2.44 -14.66	35.83 2.40 -8.89	30.90 2.41 -3.60	28.39 2.32 -2.44	25.96 2.10 -2.62	25.26 1.98 -2.48
WADING RIVER_IC_1 23522	33.14 2.81 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.94 2.79 -5.73	27.59 2.82 -1.28	26.67 2.70 -0.50	25.95 2.57 -0.45	23.50 2.24 -0.33	22.89 2.20 -0.28	22.85 2.34 0.00	23.21 2.36 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.70	26.99 2.56 -3.63
WADING RIVER_IC_2 23547	33.14 2.81 -5.48	31.62 2.50 -6.35	27.64 2.47 -2.53	27.77 2.50 -3.13	27.83 2.52 -3.19	30.53 2.62 -4.95	33.30 2.74 -7.09	31.94 2.79 -5.73	27.59 2.82 -1.28	26.67 2.70 -0.50	25.95 2.57 -0.45	23.50 2.24 -0.33	22.89 2.20 -0.28	22.85 2.34 0.00	23.21 2.36 -0.49	30.22 2.40 -7.45	34.39 2.66 -10.07	40.73 3.10 -13.25	42.65 3.09 -14.66	40.08 3.07 -12.47	38.82 3.09 -10.85	36.89 2.95 -10.30	33.55 2.61 -9.70	26.99 2.56 -3.63

WHITEHAL_115KV_TB1 80871	26.49 1.64 0.00	24.15 1.39 0.00	24.01 1.38 0.00	23.53 1.39 0.00	23.44 1.33 0.00	24.42 1.45 0.00	25.47 1.53 -0.47	28.49 1.66 -3.40	26.74 1.64 -1.60	25.71 1.62 -0.63	25.10 1.60 -0.56	22.76 1.42 -0.42	22.08 1.33 -0.35	21.81 1.29 0.00	21.62 1.26 0.00	24.52 1.32 -2.83	28.12 1.54 -4.93	34.65 1.73 -8.53	44.98 1.89 -18.18	37.40 1.84 -11.03	31.32 1.97 -4.47	28.37 1.73 -3.01	25.89 1.40 -3.26	25.23 1.33 -3.09
WHITEPLN_13_KV_LOAD 356215	27.11 2.26 0.00	24.68 1.91 0.00	24.51 1.88 0.00	24.00 1.86 0.00	24.02 1.90 0.00	24.97 2.00 0.00	26.01 2.16 -0.38	28.30 2.15 -2.72	27.01 2.23 -1.28	26.20 2.23 -0.50	25.56 2.18 -0.45	23.20 1.95 -0.33	22.59 1.90 -0.28	22.42 1.91 0.00	22.23 1.87 0.00	24.54 1.89 -2.28	27.68 2.06 -3.97	33.65 2.39 -6.87	41.91 2.37 -14.64	35.75 2.33 -8.88	30.87 2.39 -3.60	28.30 2.25 -2.42	25.88 2.04 -2.61	25.19 1.91 -2.48
WM_FLOYD_69_KV_BK2 356380	33.24 2.91 -5.48	31.69 2.57 -6.35	27.68 2.51 -2.53	27.81 2.55 -3.13	27.89 2.59 -3.19	30.65 2.73 -4.95	33.44 2.89 -7.09	31.99 2.83 -5.74	27.62 2.84 -1.28	26.69 2.72 -0.50	25.97 2.59 -0.45	23.52 2.26 -0.33	22.89 2.20 -0.28	22.83 2.32 0.00	23.23 2.38 -0.49	30.24 2.42 -7.45	34.43 2.71 -10.07	40.78 3.15 -13.25	42.70 3.14 -14.66	40.13 3.12 -12.47	38.87 3.14 -10.85	36.94 3.00 -10.30	33.60 2.65 -9.71	26.95 2.52 -3.63
WOODARD__115KV_TB2 355635	24.30 -0.55 0.00	22.19 -0.57 0.00	22.11 -0.52 0.00	21.63 -0.51 0.00	21.63 -0.49 0.00	22.53 -0.44 0.00	23.11 -0.40 -0.04	23.27 -0.44 -0.29	23.21 -0.42 -0.14	23.08 -0.45 -0.05	22.52 -0.46 -0.05	20.56 -0.40 -0.04	20.05 -0.39 -0.03	20.10 -0.41 0.00	19.93 -0.43 0.00	20.20 -0.41 -0.24	21.69 -0.39 -0.43	24.76 -0.37 -0.74	26.16 -0.32 -1.57	25.10 -0.39 -0.96	24.88 -0.40 -0.39	23.50 -0.40 -0.26	21.13 -0.38 -0.28	20.73 -0.33 -0.27
YORK__WARBASSE 23770	27.28 2.43 0.00	24.81 2.05 0.00	24.60 1.97 0.00	24.09 1.95 0.00	24.13 2.01 0.00	25.08 2.11 0.00	26.12 2.28 -0.38	28.39 2.25 -2.73	27.10 2.33 -1.28	26.29 2.32 -0.50	25.63 2.25 -0.45	23.29 2.03 -0.33	23.02 2.00 -0.61	22.54 2.03 0.00	22.35 2.00 0.00	26.08 2.00 -3.72	31.31 2.17 -7.49	33.91 2.49 -7.04	42.07 2.49 -14.68	47.23 2.45 -20.24	30.95 2.46 -3.60	31.32 2.39 -5.29	28.29 2.17 -4.89	25.32 2.04 -2.48