

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/29/2024		
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	24.93	22.23	19.77	18.91	19.06	18.32	19.83	20.47	21.40	23.26	24.05	25.09	25.92	25.97	26.40	27.43	33.03	36.21	35.79	34.13	32.32	30.23	27.33	26.66															
		1.37	1.09	1.11	1.06	1.09	1.11	1.10	1.25	1.56	1.84	1.99	2.13	2.27	2.32	2.49	2.81	2.97	2.99	2.96	2.77	2.71	2.56	2.35	2.00															
		-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-6.97	-6.39	-4.99	-2.78	-1.79	0.00	0.00															
74TH STREET_GT_1	24260	24.97	22.25	19.78	19.01	19.15	18.39	19.87	20.47	21.42	23.40	24.04	25.06	25.89	26.01	26.38	27.41	33.05	36.22	35.83	34.21	32.40	30.25	27.35	26.69															
		1.41	1.11	1.12	1.15	1.18	1.19	1.15	1.25	1.58	1.99	1.99	2.11	2.25	2.36	2.46	2.78	3.02	3.05	3.04	2.85	2.79	2.59	2.37	2.02															
		-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-4.19	-6.92	-6.36	-4.99	-2.78	-1.79	0.00	0.00															
74TH STREET_GT_2	24261	24.97	22.25	19.78	19.01	19.15	18.39	19.87	20.47	21.42	23.40	24.04	25.06	25.89	26.01	26.38	27.41	33.05	36.22	35.83	34.21	32.40	30.25	27.35	26.69															
		1.41	1.11	1.12	1.15	1.18	1.19	1.15	1.25	1.58	1.99	1.99	2.11	2.25	2.36	2.46	2.78	3.02	3.05	3.04	2.85	2.79	2.59	2.37	2.02															
		-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-4.19	-6.92	-6.36	-4.99	-2.78	-1.79	0.00	0.00															
ADK HUDSON___FALLS	24011	26.38	23.95	20.62	19.60	19.73	18.75	20.74	21.34	21.66	22.96	23.56	24.58	25.16	25.21	25.59	26.40	32.91	37.33	37.00	35.25	32.93	30.62	27.20	26.69															
		1.31	1.05	1.01	1.06	1.04	1.07	1.04	1.00	1.25	1.54	1.50	1.63	1.51	1.56	1.67	1.77	1.81	1.84	2.09	2.22	2.39	2.35	2.22	2.02															
		-6.02	-7.04	-3.80	-2.75	-2.90	-1.88	-3.91	-4.49	-2.27	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.26	-9.24	-8.48	-6.66	-3.71	-2.39	0.00	0.00															
ADK RESOURCE___RCVRY	23798	26.48	24.03	20.69	19.59	19.74	18.76	20.76	21.40	21.75	23.06	23.67	24.70	25.28	25.28	25.73	26.52	33.07	37.46	37.16	35.43	33.12	30.83	27.38	26.86															
		1.41	1.13	1.08	1.04	1.04	1.08	1.06	1.06	1.34	1.65	1.61	1.74	1.63	1.63	1.82	1.90	1.96	1.97	2.25	2.40	2.58	2.56	2.40	2.19															
		-6.02	-7.05	-3.80	-2.75	-2.90	-1.88	-3.91	-4.50	-2.28	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.26	-9.24	-8.48	-6.66	-3.72	-2.39	0.00	0.00															
ADK S GLENS___FALLS	24028	26.38	23.95	20.62	19.60	19.73	18.75	20.74	21.34	21.66	22.96	23.56	24.58	25.16	25.21	25.59	26.40	32.91	37.33	37.00	35.25	32.93	30.62	27.20	26.69															
		1.31	1.05	1.01	1.06	1.04	1.07	1.04	1.00	1.25	1.54	1.50	1.63	1.51	1.56	1.67	1.77	1.81	1.84	2.09	2.22	2.39	2.35	2.22	2.02															
		-6.02	-7.04	-3.80	-2.75	-2.90	-1.88	-3.91	-4.49	-2.27	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.26	-9.24	-8.48	-6.66	-3.71	-2.39	0.00	0.00															
ADK_NYS___DAM	23527	25.92	23.54	20.35	19.34	19.48	18.48	20.47	21.04	21.37	22.66	23.32	24.26	25.02	25.02	25.40	26.10	32.26	36.71	36.17	34.44	32.17	29.88	26.70	26.14															
		1.09	0.90	0.88	0.90	0.90	0.87	0.92	0.87	1.05	1.24	1.26	1.31	1.37	1.37	1.48	1.48	1.52	1.58	1.59	1.66	1.77	1.71	1.72	1.48															
		-5.79	-6.77	-3.66	-2.64	-2.79	-1.80	-3.76	-4.32	-2.19	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-4.90	-8.88	-8.15	-6.40	-3.57	-2.30	0.00	0.00															
AIR_PRODUCTS___DRP	24190	25.57	23.27	20.07	19.08	19.21	18.23	20.17	20.74	20.91	22.02	22.68	23.59	24.36	24.38	24.68	25.41	31.66	35.91	35.36	33.54	31.17	28.98	25.83	25.35															
		0.70	0.60	0.59	0.63	0.62	0.62	0.60	0.55	0.58	0.60	0.62	0.64	0.71	0.73	0.77	0.79	0.72	0.74	0.74	0.74	0.75	0.80	0.85	0.69															
		-5.81	-6.80	-3.67	-2.65	-2.80	-1.81	-3.78	-4.34	-2.20	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.10	-8.92	-8.19	-6.43	-3.59	-2.31	0.00	0.00															
AKWESSNE_115KV_BK	355683	18.55	15.48	15.48	15.29	15.29	15.31	15.35	15.50	17.64	20.68	21.31	22.13	22.77	22.80	23.03	23.54	24.73	25.12	25.27	25.26	25.76	24.79	23.88	23.58															
		-0.50	-0.38	-0.33	-0.51	-0.51	-0.49	-0.44	-0.35	-0.49	-0.73	-0.75	-0.83	-0.87	-0.85	-0.88	-1.08	-1.11	-1.13	-1.16	-1.11	-1.07	-1.09	-1.10	-1.09															
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00															
ALBANY_1_SOLAR	323833	25.61	23.24	20.10	19.09	19.21	18.27	20.15	20.72	20.99	22.16	22.81	23.78	24.50	24.50	24.87	25.64	31.89	36.05	35.58	33.85	31.57	29.37	26.25	25.92															
		0.88	0.73	0.69	0.69	0.68	0.69	0.66	0.63	0.71	0.75	0.75	0.83	0.85	0.85	0.96	1.01	1.03	1.08	1.14	1.19	1.23	1.24	1.27	1.26															
		-5.69	-6.65	-3.59	-2.60	-2.74	-1.77	-3.70	-4.25	-2.15	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.02	-8.72	-8.01	-6.29	-3.51	-2.26	0.00	0.00															
ALBANY_2_SOLAR	323834	25.61	23.24	20.10	19.09	19.21	18.27	20.15	20.73	20.99	22.16	22.81	23.76	24.50	24.50	24.87	25.64	31.87	36.06	35.58	33.82	31.57	29.37	26.25	25.90															
		0.88	0.73	0.69	0.69	0.68	0.69	0.66	0.63	0.71	0.75	0.75	0.80	0.85	0.85	0.96	1.01	1.01	1.08	1.14	1.16	1.23	1.24	1.27	1.23															
		-5.69	-6.65	-3.59	-2.60	-2.74	-1.77	-3.70	-4.25	-2.15	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.02	-8.73	-8.01	-6.29	-3.51	-2.26	0.00	0.00															
ALBANY___1	23571	25.57	23.27	20.07	19.08	19.21	18.23	20.17	20.74	20.91	22.02	22.68	23.59	24.36	24.38	24.68	25.41	31.66	35.91	35.36	33.54	31.17	28.98	25.83	25.35															
		0.70	0.60	0.59	0.63	0.62	0.62	0.60	0.55	0.58	0.60	0.62	0.64	0.71	0.73	0.77	0.79	0.72	0.74	0.74	0.74	0.75	0.80	0.85	0.69															
		-5.81	-6.80	-3.67	-2.65	-2.80	-1.81	-3.78	-4.34	-2.20	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.10	-8.92	-8.19	-6.43	-3.59	-2.31	0.00	0.00															

ALBANY___2 23572	25.57 0.70 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.08 0.63 -2.65	19.21 0.62 -2.80	18.23 0.62 -1.81	20.17 0.60 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	22.02 0.60 -0.01	22.68 0.62 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.38 0.73 0.00	24.68 0.77 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.74 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.35 0.69 0.00
ALBANY___3 23573	25.57 0.70 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.08 0.63 -2.65	19.21 0.62 -2.80	18.23 0.62 -1.81	20.17 0.60 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	22.02 0.60 -0.01	22.68 0.62 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.38 0.73 0.00	24.68 0.77 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.74 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.35 0.69 0.00
ALBANY___4 23574	25.57 0.70 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.08 0.63 -2.65	19.21 0.62 -2.80	18.23 0.62 -1.81	20.17 0.60 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	22.02 0.60 -0.01	22.68 0.62 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.38 0.73 0.00	24.68 0.77 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.74 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.35 0.69 0.00
ALBANY___LFGE 323615	25.76 0.84 -5.87	23.43 0.70 -6.87	20.18 0.66 -3.71	19.14 0.66 -2.68	19.27 0.65 -2.82	18.28 0.65 -1.83	20.25 0.65 -3.81	20.88 0.65 -4.38	21.06 0.71 -2.22	22.14 0.73 -0.01	22.83 0.77 0.00	23.82 0.87 0.00	24.57 0.92 0.00	24.57 0.92 0.00	24.94 1.03 0.00	25.66 1.03 0.00	31.96 0.98 -5.14	36.26 1.00 -9.01	35.70 1.00 -8.26	33.89 1.03 -6.49	31.50 1.05 -3.62	29.29 1.09 -2.33	26.08 1.10 0.00	25.75 1.08 0.00
ALCOA_PA_115KV_PL-6C 55860	18.57 -0.48 0.00	15.49 -0.36 0.00	15.50 -0.32 0.00	15.31 -0.49 0.00	15.31 -0.49 0.00	15.33 -0.47 0.00	15.38 -0.41 0.00	15.53 -0.32 0.00	17.66 -0.47 0.00	20.68 -0.73 0.00	21.31 -0.75 0.00	22.10 -0.85 0.00	22.75 -0.90 0.00	22.77 -0.87 0.00	23.00 -0.91 0.00	23.35 -1.28 0.00	24.52 -1.32 0.00	24.91 -1.34 0.00	25.08 -1.35 0.00	25.08 -1.29 0.00	25.57 -1.26 0.00	24.60 -1.27 0.00	23.71 -1.27 0.00	23.38 -1.28 0.00
ALCOA_RYNLDS___DRP 24188	18.57 -0.48 0.00	15.49 -0.36 0.00	15.50 -0.32 0.00	15.31 -0.49 0.00	15.31 -0.49 0.00	15.33 -0.47 0.00	15.38 -0.41 0.00	15.53 -0.32 0.00	17.66 -0.47 0.00	20.68 -0.73 0.00	21.31 -0.75 0.00	22.10 -0.85 0.00	22.75 -0.90 0.00	22.77 -0.87 0.00	23.00 -0.91 0.00	23.35 -1.28 0.00	24.52 -1.32 0.00	24.91 -1.34 0.00	25.08 -1.35 0.00	25.08 -1.29 0.00	25.57 -1.26 0.00	24.60 -1.27 0.00	23.71 -1.27 0.00	23.38 -1.28 0.00
ALCOA___DSASP 323711	18.57 -0.48 0.00	15.50 -0.36 0.00	15.48 -0.33 0.00	15.50 -0.30 0.00	15.50 -0.30 0.00	15.50 -0.30 0.00	15.52 -0.27 0.00	15.51 -0.33 0.00	17.65 -0.49 0.00	20.66 -0.75 0.00	21.31 -0.75 0.00	22.10 -0.85 0.00	22.75 -0.90 0.00	22.77 -0.87 0.00	22.69 -1.22 0.00	23.34 -1.28 0.00	24.52 -1.32 0.00	24.92 -1.34 0.00	25.09 -1.35 0.00	25.08 -1.29 0.00	25.60 -1.23 0.00	24.61 -1.27 0.00	23.71 -1.27 0.00	23.46 -1.21 0.00
ALLEGHENY___COGEN 23514	19.90 0.13 -0.72	16.70 0.00 -0.84	16.12 -0.14 -0.45	15.90 -0.22 -0.33	15.93 -0.21 -0.34	15.82 -0.21 -0.22	16.05 -0.21 -0.47	16.12 -0.25 -0.53	18.01 -0.40 -0.27	20.87 -0.53 0.00	21.20 -0.86 0.00	21.99 -0.96 0.00	22.58 -1.06 0.00	22.51 -1.13 0.00	22.84 -1.08 0.00	23.76 -0.86 0.00	25.73 -0.75 -0.64	26.96 -0.39 -1.10	27.52 0.08 -1.01	27.69 0.53 -0.79	28.16 0.88 -0.44	27.06 0.91 -0.28	25.76 0.78 0.00	25.30 0.64 0.00
ALTAMONT_115KV_TB 2 55880	25.53 0.67 -5.81	23.22 0.56 -6.80	20.02 0.54 -3.67	19.04 0.58 -2.66	19.18 0.58 -2.80	18.20 0.58 -1.81	20.14 0.57 -3.78	20.73 0.54 -4.34	20.97 0.63 -2.20	22.17 0.75 -0.01	22.81 0.75 0.00	23.76 0.80 0.00	24.50 0.85 0.00	24.52 0.87 0.00	24.82 0.91 0.00	25.61 0.99 0.00	31.98 1.01 -5.13	36.20 1.02 -8.92	35.65 1.03 -8.19	33.86 1.05 -6.43	31.49 1.07 -3.59	29.22 1.03 -2.31	26.01 1.02 0.00	25.55 0.89 0.00
ALTONA_WT_PWR 323606	18.57 -0.48 0.00	15.43 -0.43 0.00	15.37 -0.44 0.00	15.32 -0.47 0.00	15.29 -0.51 0.00	15.28 -0.52 0.00	15.28 -0.51 0.00	15.29 -0.55 0.00	17.43 -0.71 0.00	20.36 -1.05 0.00	21.00 -1.06 0.00	21.78 -1.17 0.00	22.44 -1.21 0.00	22.42 -1.23 0.00	22.50 -1.41 0.00	23.10 -1.53 0.00	24.21 -1.63 0.00	24.55 -1.71 0.00	24.74 -1.69 0.00	24.68 -1.69 0.00	25.22 -1.61 0.00	24.29 -1.58 0.00	23.38 -1.60 0.00	23.16 -1.51 0.00
AMERICAN_REF_FUEL 24010	18.37 -1.31 -0.63	15.44 -1.16 -0.74	14.91 -1.30 -0.40	14.69 -1.39 -0.29	14.71 -1.39 -0.30	14.58 -1.42 -0.20	14.84 -1.36 -0.41	15.05 -1.27 -0.47	16.96 -1.41 -0.24	20.23 -1.18 0.00	20.71 -1.35 0.00	21.51 -1.45 0.00	22.11 -1.54 0.00	22.02 -1.63 0.00	22.36 -1.55 0.00	23.34 -1.28 0.00	24.98 -1.42 -0.56	25.70 -1.52 -0.97	25.82 -1.51 -0.89	25.67 -1.40 -0.70	25.80 -1.42 -0.39	24.73 -1.40 -0.25	23.73 -1.25 0.00	23.36 -1.31 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.49 -1.28 -0.71	15.54 -1.16 -0.83	14.90 -1.36 -0.45	14.65 -1.47 -0.33	14.65 -1.49 -0.34	14.48 -1.55 -0.22	14.75 -1.50 -0.46	15.01 -1.36 -0.53	16.90 -1.50 -0.27	20.36 -1.05 0.00	20.89 -1.17 0.00	21.76 -1.19 0.00	22.37 -1.28 0.00	22.30 -1.35 0.00	22.72 -1.19 0.00	23.84 -0.79 0.00	25.37 -1.11 -0.64	26.30 -1.05 -1.10	26.41 -1.03 -1.00	26.24 -0.92 -0.79	26.41 -0.86 -0.44	25.25 -0.91 -0.28	24.46 -0.53 0.00	24.00 -0.66 0.00
ARTHUR KILL_GT_1 23520	24.70 1.14 -4.50	21.99 0.86 -5.27	19.54 0.88 -2.84	18.68 0.84 -2.05	18.83 0.87 -2.16	18.05 0.85 -1.40	19.57 0.85 -2.92	20.22 1.01 -3.36	21.14 1.31 -1.70	22.93 1.52 0.00	23.75 1.88 0.01	24.83 2.03 0.01	25.67 2.10 0.01	25.74 2.32 0.01	26.22 2.61 0.01	27.23 2.94 -10.80	39.58 2.97 -13.07	42.29 2.93 -10.55	39.91 2.72 -10.50	39.59 2.63 -2.82	32.28 2.38 -1.78	30.04 2.15 0.01	27.12 2.05 0.01	26.38 1.73 0.01
ARTHUR_KILL_2 23512	24.64 1.09 -4.50	21.94 0.81 -5.27	19.49 0.84 -2.84	18.64 0.79 -2.05	18.78 0.82 -2.16	18.02 0.82 -1.40	19.52 0.80 -2.92	20.17 0.97 -3.36	21.08 1.25 -1.70	22.86 1.46 0.00	23.68 1.63 0.01	24.76 1.81 0.01	25.60 1.96 0.01	25.67 2.03 0.01	26.13 2.22 0.01	27.13 2.51 0.01	39.48 2.84 -10.80	42.19 2.86 -13.07	39.81 2.83 -10.55	39.48 2.61 -10.50	32.17 2.52 -2.82	29.93 2.28 -1.78	27.02 2.05 0.01	26.31 1.65 0.01
ARTHUR_KILL_3 23513	24.80 1.24 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 1.00 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.06 1.65 -0.01	23.82 1.77 0.00	24.86 1.90 0.00	25.68 2.03 0.00	25.75 2.10 0.00	26.18 2.27 0.00	27.21 2.59 0.00	39.46 2.82 -10.81	42.15 2.81 -13.08	39.79 2.80 -10.56	39.49 2.61 -10.50	32.18 2.52 -2.83	29.99 2.33 -1.79	27.10 2.12 0.00	26.44 1.78 0.00

ARTHUR_KILL_COGEN 323718	24.70 1.14 -4.50	21.99 0.86 -5.27	19.54 0.88 -2.84	18.68 0.84 -2.05	18.83 0.87 -2.16	18.05 0.85 -1.40	19.57 0.85 -2.92	20.22 1.01 -3.36	21.14 1.31 -1.70	22.93 1.52 0.00	23.75 1.70 0.01	24.83 1.88 0.01	25.67 2.03 0.01	25.74 2.10 0.01	26.22 2.32 0.01	27.23 2.61 0.01	39.58 2.94 -10.80	42.29 2.97 -13.07	39.91 2.93 -10.55	39.59 2.72 -10.50	32.28 2.63 -2.82	30.04 2.38 -1.78	27.12 2.15 0.01	26.38 1.73 0.01
ASHOKAN____ 23654	24.76 0.55 -5.16	22.29 0.40 -6.03	19.42 0.35 -3.26	18.47 0.32 -2.35	18.61 0.33 -2.48	17.74 0.33 -1.61	19.46 0.32 -3.35	19.92 0.22 -3.85	20.37 0.29 -1.95	22.23 0.81 -0.01	22.79 0.73 0.00	23.71 0.76 0.00	24.45 0.80 0.00	24.43 0.78 0.00	24.92 1.00 0.00	25.71 1.08 0.00	31.03 0.57 -4.62	34.90 0.73 -7.91	34.54 0.85 -7.26	33.00 0.92 -5.71	30.92 0.91 -3.18	28.83 0.91 -2.05	26.56 1.57 0.00	26.02 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.68 1.12 -4.50	22.04 0.90 -5.28	19.58 0.92 -2.85	18.73 0.88 -2.05	18.88 0.92 -2.16	18.13 0.93 -1.40	19.66 0.95 -2.92	20.30 1.09 -3.36	21.21 1.38 -1.70	22.99 1.58 0.00	23.77 1.72 0.01	24.83 1.88 0.01	25.65 2.01 0.01	25.70 2.06 0.01	26.15 2.25 0.01	27.16 2.54 0.01	32.97 2.92 -4.21	36.10 2.89 -6.96	35.62 2.80 -6.39	33.97 2.61 -4.98	32.16 2.55 -2.78	29.96 2.30 -1.78	27.05 2.07 0.01	26.33 1.68 0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.68 1.12 -4.50	22.04 0.90 -5.28	19.58 0.92 -2.85	18.73 0.88 -2.05	18.88 0.92 -2.16	18.13 0.93 -1.40	19.66 0.95 -2.92	20.30 1.09 -3.36	21.21 1.38 -1.70	22.99 1.58 0.00	23.77 1.72 0.01	24.83 1.88 0.01	25.65 2.01 0.01	25.70 2.06 0.01	26.15 2.25 0.01	27.16 2.54 0.01	32.97 2.92 -4.21	36.10 2.89 -6.96	35.62 2.80 -6.39	33.97 2.61 -4.98	32.16 2.55 -2.78	29.96 2.30 -1.78	27.05 2.07 0.01	26.33 1.68 0.01
ASTORIA_GT2_1 24094	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT2_2 24095	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT2_3 24096	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT2_4 24097	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT3_1 24098	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT3_2 24099	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT3_3 24100	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT3_4 24101	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT4_1 24102	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT4_2 24103	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT4_3 24104	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00

ASTORIA_GT4_4 24105	24.72 1.16 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 0.99 -2.93	20.31 1.09 -3.37	21.24 1.40 -1.71	23.21 1.80 -0.01	23.82 1.76 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.95 2.92 -4.19	36.07 2.89 -6.92	35.62 2.83 -6.36	33.98 2.61 -4.99	32.16 2.55 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.37 1.70 0.00
ASTORIA_GT_1 23523	24.72 1.16 -4.50	22.06 0.92 -5.28	19.61 0.95 -2.85	18.76 0.92 -2.05	18.91 0.95 -2.16	18.17 0.96 -1.40	19.69 0.98 -2.92	20.33 1.13 -3.36	21.25 1.42 -1.70	23.03 1.63 0.00	23.82 1.77 0.01	24.87 1.93 0.01	25.70 2.06 0.01	25.77 2.13 0.01	26.20 2.30 0.01	27.20 2.59 0.01	33.02 2.97 -4.21	36.15 2.94 -6.96	35.70 2.88 -6.39	34.02 2.66 -4.98	32.21 2.60 -2.78	30.04 2.38 -1.78	27.12 2.15 0.01	26.41 1.75 0.01
ASTORIA_GT_10 24110	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.75 1.03 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.15 2.17 0.00	26.49 1.83 0.00
ASTORIA_GT_11 24225	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.75 1.03 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.15 2.17 0.00	26.49 1.83 0.00
ASTORIA_GT_12 24226	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.75 1.03 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.15 2.17 0.00	26.49 1.83 0.00
ASTORIA_GT_13 24227	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.75 1.03 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.15 2.17 0.00	26.49 1.83 0.00
ASTORIA_GT_5 24106	24.74 1.18 -4.51	22.09 0.95 -5.28	19.63 0.96 -2.85	18.84 0.98 -2.06	18.98 1.01 -2.17	18.24 1.03 -1.41	19.73 1.01 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.87 1.81 0.00	24.88 1.93 0.00	25.71 2.06 0.00	25.82 2.18 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.00 2.97 -4.19	36.12 2.94 -6.92	35.67 2.88 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.13 2.15 0.00	26.41 1.75 0.00
ASTORIA_GT_7 24107	24.74 1.18 -4.51	22.09 0.95 -5.28	19.63 0.96 -2.85	18.84 0.98 -2.06	18.98 1.01 -2.17	18.24 1.03 -1.41	19.73 1.01 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.87 1.81 0.00	24.88 1.93 0.00	25.71 2.06 0.00	25.82 2.18 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.00 2.97 -4.19	36.12 2.94 -6.92	35.67 2.88 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.13 2.15 0.00	26.41 1.75 0.00
ASTORIA_GT_8 24108	24.74 1.18 -4.51	22.09 0.95 -5.28	19.63 0.96 -2.85	18.84 0.98 -2.06	18.98 1.01 -2.17	18.24 1.03 -1.41	19.73 1.01 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.87 1.81 0.00	24.88 1.93 0.00	25.71 2.06 0.00	25.82 2.18 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.00 2.97 -4.19	36.12 2.94 -6.92	35.67 2.88 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.13 2.15 0.00	26.41 1.75 0.00
ASTORIA___2 24149	24.68 1.12 -4.50	22.04 0.90 -5.28	19.59 0.93 -2.85	18.75 0.90 -2.05	18.88 0.92 -2.16	18.13 0.93 -1.40	19.66 0.95 -2.92	20.31 1.11 -3.36	21.23 1.40 -1.70	22.99 1.58 0.00	23.77 1.72 0.01	24.83 1.88 0.01	25.65 2.01 0.01	25.72 2.08 0.01	26.15 2.25 0.01	27.16 2.54 0.01	32.97 2.92 -4.21	36.10 2.89 -6.96	35.65 2.83 -6.39	33.97 2.61 -4.98	32.16 2.55 -2.78	29.96 2.30 -1.78	27.07 2.10 0.01	26.36 1.70 0.01
ASTORIA___3 23516	24.78 1.22 -4.51	22.11 0.97 -5.28	19.66 1.00 -2.85	18.82 0.96 -2.06	18.95 0.98 -2.17	18.21 1.00 -1.41	19.72 1.00 -2.93	20.36 1.14 -3.37	21.25 1.42 -1.71	23.06 1.65 -0.01	23.87 1.81 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.95 2.89 -4.22	36.13 2.91 -6.97	35.71 2.88 -6.39	34.06 2.69 -4.99	32.22 2.60 -2.78	30.04 2.38 -1.79	27.15 2.17 0.00	26.46 1.80 0.00
ASTORIA___4 23517	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.75 1.03 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.15 2.17 0.00	26.49 1.83 0.00
ASTORIA___5 23518	24.78 1.22 -4.51	22.11 0.97 -5.28	19.66 1.00 -2.85	18.82 0.96 -2.06	18.95 0.98 -2.17	18.21 1.00 -1.41	19.72 1.00 -2.93	20.36 1.14 -3.37	21.25 1.42 -1.71	23.06 1.65 -0.01	23.87 1.81 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.95 2.89 -4.22	36.13 2.91 -6.97	35.71 2.88 -6.39	34.06 2.69 -4.99	32.22 2.60 -2.78	30.04 2.38 -1.79	27.15 2.17 0.00	26.46 1.80 0.00
AST_ENERGY_2_CC3 323677	24.80 1.24 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.84 0.98 -2.06	18.98 1.01 -2.17	18.22 1.01 -1.41	19.73 1.01 -2.93	20.36 1.14 -3.37	21.25 1.42 -1.71	23.06 1.65 -0.01	23.85 1.79 0.00	24.88 1.93 0.00	25.70 2.06 0.00	25.75 2.10 0.00	26.18 2.27 0.00	27.19 2.56 0.00	32.85 2.79 -4.22	36.03 2.81 -6.97	35.63 2.80 -6.39	33.98 2.61 -4.99	32.14 2.52 -2.78	30.02 2.35 -1.79	27.13 2.15 0.00	26.46 1.80 0.00
AST_ENERGY_2_CC4 323678	24.80 1.24 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.84 0.98 -2.06	18.98 1.01 -2.17	18.22 1.01 -1.41	19.73 1.01 -2.93	20.36 1.14 -3.37	21.25 1.42 -1.71	23.06 1.65 -0.01	23.85 1.79 0.00	24.88 1.93 0.00	25.70 2.06 0.00	25.75 2.10 0.00	26.18 2.27 0.00	27.19 2.56 0.00	32.85 2.79 -4.22	36.03 2.81 -6.97	35.63 2.80 -6.39	33.98 2.61 -4.99	32.14 2.52 -2.78	30.02 2.35 -1.79	27.13 2.15 0.00	26.46 1.80 0.00

ATHENS_STG_1 23668	24.96 0.78 -5.13	22.49 0.64 -6.00	19.67 0.62 -3.24	18.74 0.60 -2.34	18.88 0.62 -2.47	18.02 0.62 -1.60	19.74 0.62 -3.33	20.32 0.65 -3.83	20.89 0.82 -1.94	22.36 0.94 -0.01	23.03 0.97 0.00	24.01 1.06 0.00	24.76 1.11 0.00	24.74 1.09 0.00	25.13 1.22 0.00	25.96 1.33 0.00	31.90 1.42 -4.64	35.56 1.44 -7.87	35.08 1.43 -7.22	33.44 1.40 -5.67	31.36 1.37 -3.16	29.23 1.32 -2.04	26.23 1.25 0.00	25.80 1.14 0.00
ATHENS_STG_2 23670	24.96 0.78 -5.13	22.49 0.64 -6.00	19.67 0.62 -3.24	18.74 0.60 -2.34	18.88 0.62 -2.47	18.02 0.62 -1.60	19.74 0.62 -3.33	20.32 0.65 -3.83	20.89 0.82 -1.94	22.36 0.94 -0.01	23.03 0.97 0.00	24.01 1.06 0.00	24.76 1.11 0.00	24.74 1.09 0.00	25.13 1.22 0.00	25.96 1.33 0.00	31.90 1.42 -4.64	35.56 1.44 -7.87	35.08 1.43 -7.22	33.44 1.40 -5.67	31.36 1.37 -3.16	29.23 1.32 -2.04	26.23 1.25 0.00	25.80 1.14 0.00
ATHENS_STG_3 23677	24.96 0.78 -5.13	22.49 0.64 -6.00	19.67 0.62 -3.24	18.74 0.60 -2.34	18.88 0.62 -2.47	18.02 0.62 -1.60	19.74 0.62 -3.33	20.32 0.65 -3.83	20.89 0.82 -1.94	22.36 0.94 -0.01	23.03 0.97 0.00	24.01 1.06 0.00	24.76 1.11 0.00	24.74 1.09 0.00	25.13 1.22 0.00	25.96 1.33 0.00	31.90 1.42 -4.64	35.56 1.44 -7.87	35.08 1.43 -7.22	33.44 1.40 -5.67	31.36 1.37 -3.16	29.23 1.32 -2.04	26.23 1.25 0.00	25.80 1.14 0.00
AUBURN___LFGE 323710	19.63 0.06 -0.52	16.46 -0.02 -0.61	16.06 -0.08 -0.33	16.11 0.08 -0.24	16.14 0.09 -0.25	16.06 0.09 -0.16	16.18 0.05 -0.34	16.20 -0.03 -0.39	18.37 0.04 -0.20	21.51 0.11 0.00	22.21 0.15 0.00	23.16 0.21 0.00	23.81 0.17 0.00	23.79 0.14 0.00	24.03 0.12 0.00	24.82 0.20 0.00	26.51 0.21 -0.47	27.29 0.24 -0.80	27.43 0.26 -0.74	27.21 0.26 -0.58	27.42 0.27 -0.32	26.39 0.31 -0.21	25.26 0.27 0.00	25.03 0.37 0.00
BABYLON_RES_REC 323704	34.82 1.62 -14.16	32.66 1.32 -15.48	27.93 1.33 -10.79	24.15 1.30 -7.06	24.58 1.31 -7.47	24.36 1.33 -7.23	24.72 1.33 -7.61	27.48 1.43 -10.21	29.86 1.74 -9.99	32.14 2.03 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.13 2.41 -11.07	37.31 2.46 -11.20	39.25 2.61 -12.73	46.38 2.90 -18.85	44.29 3.15 -15.30	51.73 3.20 -22.27	41.92 3.20 -12.29	40.95 3.06 -11.52	41.88 3.03 -12.02	37.34 2.85 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
BABYLON__69_KV_BK2 356345	35.09 1.89 -14.16	32.88 1.54 -15.48	28.13 1.53 -10.79	24.43 1.58 -7.06	24.86 1.60 -7.47	24.63 1.60 -7.23	24.97 1.58 -7.61	27.69 1.63 -10.21	30.08 1.96 -9.99	32.52 2.42 -8.69	32.93 2.45 -8.42	34.13 2.59 -8.58	37.46 2.74 -11.07	37.71 2.86 -11.20	39.59 2.94 -12.73	46.75 3.28 -18.85	44.63 3.51 -15.28	52.06 3.57 -22.23	42.25 3.43 -12.25	41.32 3.43 -11.52	42.26 3.41 -12.02	37.70 3.21 -8.62	35.70 2.97 -7.75	33.91 2.64 -6.61
BALL_HILL_WT_PWR 323825	18.71 -1.03 -0.69	15.75 -0.92 -0.81	15.16 -1.09 -0.44	14.93 -1.18 -0.32	14.94 -1.18 -0.33	14.79 -1.23 -0.22	15.07 -1.17 -0.45	15.33 -1.03 -0.52	17.25 -1.14 -0.26	20.72 -0.69 0.00	21.27 -0.79 0.00	22.13 -0.83 0.00	22.75 -0.90 0.00	22.68 -0.97 0.00	23.07 -0.84 0.00	24.11 -0.52 0.00	25.58 -0.88 -0.62	26.42 -0.89 -1.06	26.53 -0.87 -0.97	26.35 -0.79 -0.76	26.48 -0.78 -0.43	25.34 -0.80 -0.27	24.53 -0.45 0.00	24.10 -0.57 0.00
BARON_WINDS___WT_PWR 323822	19.26 -0.72 -0.94	16.27 -0.68 -1.10	15.60 -0.81 -0.59	15.37 -0.85 -0.43	15.41 -0.84 -0.45	15.24 -0.85 -0.29	15.58 -0.82 -0.61	15.81 -0.73 -0.70	17.65 -0.83 -0.35	20.83 -0.58 0.00	21.42 -0.64 0.00	22.26 -0.69 0.00	22.89 -0.76 0.00	22.89 -0.76 0.00	23.24 -0.67 0.00	24.16 -0.47 0.00	26.01 -0.67 -0.84	27.06 -0.63 -1.44	27.20 -0.56 -1.32	26.85 -0.56 -1.04	26.84 -0.56 -0.58	25.78 -0.46 -0.37	24.76 -0.23 0.00	24.42 -0.25 0.00
BARRETT_IC_1 23704	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_10 23701	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_11 23702	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_12 23703	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_2 23705	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_3 23706	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_4 23707	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62

BARRETT_IC_5 23708	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_6 23709	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_7 23710	34.73 1.52 -14.16	32.58 1.24 -15.48	27.83 1.23 -10.79	24.12 1.26 -7.06	24.55 1.28 -7.47	24.32 1.28 -7.23	24.66 1.26 -7.61	27.37 1.32 -10.21	29.75 1.63 -9.99	32.16 2.06 -8.69	32.55 2.07 -8.42	33.71 2.18 -8.58	37.04 2.32 -11.07	37.26 2.41 -11.20	39.13 2.49 -12.73	46.26 2.78 -18.85	44.11 3.00 -15.28	51.53 3.05 -22.23	41.70 3.01 -12.25	40.74 2.85 -11.52	41.67 2.82 -12.02	37.13 2.64 -8.62	35.18 2.45 -7.75	33.42 2.15 -6.61
BARRETT_IC_8 23711	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT_IC_9 23700	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT___1 23545	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BARRETT___2 23546	34.71 1.50 -14.16	32.56 1.22 -15.48	27.81 1.22 -10.79	24.04 1.19 -7.06	24.47 1.20 -7.47	24.24 1.20 -7.23	24.59 1.20 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.54 2.05 -8.43	33.72 2.18 -8.59	37.05 2.32 -11.08	37.22 2.36 -11.21	39.16 2.51 -12.74	46.27 2.78 -18.86	44.14 3.00 -15.31	51.58 3.04 -22.28	41.74 3.01 -12.30	40.75 2.85 -11.52	41.68 2.82 -12.03	37.14 2.64 -8.63	35.19 2.45 -7.76	33.43 2.14 -6.62
BATAVIA__115KV_TB1 55881	19.13 -0.50 -0.58	16.06 -0.48 -0.68	15.54 -0.63 -0.37	16.17 0.11 -0.26	16.20 0.13 -0.28	16.06 0.08 -0.18	16.05 -0.11 -0.38	15.66 -0.62 -0.43	17.72 -0.63 -0.22	20.70 -0.71 0.00	21.51 -0.55 0.00	22.47 -0.48 0.00	23.08 -0.57 0.00	22.99 -0.66 0.00	23.34 -0.57 0.00	24.40 -0.22 0.00	26.07 -0.28 -0.52	26.88 -0.26 -0.89	27.06 -0.19 -0.81	26.88 -0.13 -0.64	27.19 0.00 -0.36	26.05 -0.05 -0.23	24.88 -0.10 0.00	24.76 0.10 0.00
BAYONEEC___CTG1 323682	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG10 323750	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG2 323683	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG3 323684	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG4 323685	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG5 323686	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG6 323687	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00

BAYONEEC___CTG7 323688	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG8 323689	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BAYONEEC___CTG9 323749	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BEACON___LESR 323632	25.77 0.91 -5.81	23.42 0.76 -6.79	20.21 0.73 -3.67	19.17 0.73 -2.65	19.30 0.71 -2.79	18.32 0.71 -1.81	20.27 0.71 -3.77	20.89 0.71 -4.34	21.11 0.78 -2.19	22.25 0.83 -0.01	22.94 0.88 0.00	23.94 0.99 0.00	24.69 1.04 0.00	24.69 1.04 0.00	25.08 1.17 0.00	25.81 1.18 0.00	32.06 1.14 -5.08	36.32 1.15 -8.91	35.77 1.16 -8.18	33.98 1.19 -6.42	31.62 1.21 -3.58	29.42 1.24 -2.31	26.23 1.25 0.00	25.90 1.23 0.00
BEAVER RIVER___HYD 24048	18.87 -0.32 -0.15	15.76 -0.27 -0.17	15.60 -0.30 -0.09	15.53 -0.33 -0.07	15.55 -0.32 -0.07	15.52 -0.33 -0.05	15.54 -0.35 -0.09	15.54 -0.41 -0.11	17.72 -0.47 -0.06	20.89 -0.51 0.00	21.51 -0.55 0.00	22.36 -0.60 0.00	22.96 -0.69 0.00	23.03 -0.61 0.00	23.22 -0.69 0.00	23.86 -0.76 0.00	25.17 -0.80 -0.13	25.72 -0.76 -0.22	26.00 -0.63 -0.21	26.11 -0.42 -0.16	26.52 -0.40 -0.09	25.52 -0.41 -0.06	24.63 -0.35 0.00	24.29 -0.37 0.00
BEEBEE_GT_13 23619	19.22 -0.32 -0.49	16.11 -0.33 -0.58	15.70 -0.43 -0.31	16.02 0.00 -0.23	16.05 0.02 -0.24	15.94 -0.02 -0.15	16.02 -0.09 -0.32	15.80 -0.41 -0.37	17.96 -0.36 -0.19	20.96 -0.45 0.00	21.73 -0.33 0.00	22.65 -0.30 0.00	23.29 -0.35 0.00	23.22 -0.43 0.00	23.55 -0.36 0.00	24.45 -0.17 0.00	26.18 -0.10 -0.44	26.91 -0.11 -0.76	27.02 -0.11 -0.70	26.81 -0.11 -0.55	27.11 -0.03 -0.31	26.04 -0.03 -0.20	24.81 -0.17 0.00	24.64 -0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.93 1.37 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.30 1.09 -1.41	19.78 1.06 -2.93	20.39 1.17 -3.37	21.33 1.49 -1.71	23.38 1.97 -0.01	24.04 1.99 0.00	25.09 2.13 0.00	25.94 2.29 0.00	26.06 2.41 0.00	26.45 2.53 0.00	27.48 2.86 0.00	41.95 3.20 -12.91	48.35 3.23 -18.87	44.09 3.17 -14.48	41.64 2.98 -12.28	32.57 2.90 -2.84	30.30 2.64 -1.79	27.40 2.42 0.00	26.66 2.00 0.00
BETHLEHEM___GRP 23843	25.57 0.70 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.08 0.63 -2.65	19.21 0.62 -2.80	18.23 0.62 -1.81	20.17 0.60 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	22.02 0.60 -0.01	22.68 0.62 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.38 0.73 0.00	24.68 0.77 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.74 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.35 0.69 0.00
BETHLEHEM___GS1 323560	25.59 0.72 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.02 0.57 -2.65	19.16 0.57 -2.80	18.18 0.57 -1.81	20.13 0.57 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	21.95 0.54 -0.01	22.63 0.57 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.33 0.69 0.00	24.70 0.79 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.73 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.55 0.89 0.00
BETHLEHEM___GS2 323561	25.59 0.72 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.02 0.57 -2.65	19.16 0.57 -2.80	18.18 0.57 -1.81	20.13 0.57 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	21.95 0.54 -0.01	22.63 0.57 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.33 0.69 0.00	24.70 0.79 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.73 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.55 0.89 0.00
BETHLEHEM___GS3 323562	25.59 0.72 -5.81	23.27 0.60 -6.80	20.07 0.59 -3.67	19.02 0.57 -2.65	19.16 0.57 -2.80	18.18 0.57 -1.81	20.13 0.57 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	21.95 0.54 -0.01	22.63 0.57 0.00	23.59 0.64 0.00	24.36 0.71 0.00	24.33 0.69 0.00	24.70 0.79 0.00	25.41 0.79 0.00	31.66 0.72 -5.10	35.91 0.73 -8.92	35.36 0.74 -8.19	33.54 0.74 -6.43	31.17 0.75 -3.59	28.98 0.80 -2.31	25.83 0.85 0.00	25.55 0.89 0.00
BETHLEHEM___STEEL 23779	18.70 -1.03 -0.68	15.77 -0.89 -0.79	15.18 -1.06 -0.43	15.73 -0.38 -0.31	15.76 -0.36 -0.33	15.60 -0.41 -0.21	15.68 -0.55 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.36 -1.05 0.00	21.15 -0.90 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.65 -0.99 0.00	23.05 -0.86 0.00	24.11 -0.52 0.00	25.57 -0.88 -0.61	26.40 -0.89 -1.04	26.46 -0.93 -0.96	26.28 -0.84 -0.75	26.44 -0.80 -0.42	25.31 -0.83 -0.27	24.48 -0.50 0.00	24.44 -0.22 0.00
BETHLHEM_115KV_TB1 79974	25.56 0.70 -5.81	23.25 0.59 -6.80	20.05 0.57 -3.67	19.06 0.62 -2.65	19.19 0.60 -2.80	18.21 0.60 -1.81	20.15 0.58 -3.78	20.74 0.55 -4.34	20.91 0.58 -2.20	22.04 0.62 -0.01	22.70 0.64 0.00	23.64 0.69 0.00	24.38 0.73 0.00	24.43 0.78 0.00	24.73 0.81 0.00	25.46 0.84 0.00	31.71 0.78 -5.10	35.96 0.79 -8.92	35.41 0.79 -8.18	33.62 0.82 -6.43	31.25 0.83 -3.59	29.03 0.85 -2.31	25.86 0.87 0.00	25.38 0.72 0.00
BETHPAGE_CC_5 323564	34.71 1.50 -14.16	32.56 1.22 -15.48	27.83 1.23 -10.79	24.04 1.19 -7.06	24.48 1.22 -7.47	24.25 1.22 -7.23	24.61 1.22 -7.61	27.39 1.33 -10.21	29.75 1.63 -9.99	32.03 1.93 -8.69	32.53 2.05 -8.42	33.74 2.20 -8.58	37.06 2.34 -11.07	37.23 2.39 -11.20	39.15 2.51 -12.73	46.26 2.78 -18.85	44.14 3.00 -15.30	51.57 3.04 -22.27	41.74 3.01 -12.29	40.74 2.85 -11.52	41.72 2.87 -12.02	37.18 2.69 -8.62	35.23 2.50 -7.75	33.44 2.17 -6.61
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.69 -1.05 -0.69	15.74 -0.92 -0.80	15.15 -1.09 -0.43	15.68 -0.43 -0.31	15.72 -0.41 -0.33	15.56 -0.46 -0.21	15.64 -0.60 -0.45	15.33 -1.03 -0.51	17.25 -1.14 -0.26	20.40 -1.01 0.00	21.20 -0.86 0.00	22.22 -0.73 0.00	22.87 -0.78 0.00	22.73 -0.92 0.00	23.12 -0.79 0.00	24.18 -0.44 0.00	25.58 -0.88 -0.62	26.39 -0.92 -1.05	26.48 -0.93 -0.97	26.26 -0.87 -0.76	26.42 -0.83 -0.42	25.29 -0.85 -0.27	24.53 -0.45 0.00	24.49 -0.17 0.00

BINGHAMTON___COGEN 23790	20.49 0.06 -1.38	17.49 0.02 -1.61	16.63 -0.05 -0.87	16.54 0.11 -0.63	16.57 0.11 -0.66	16.33 0.09 -0.43	16.75 0.06 -0.90	16.87 0.00 -1.03	18.69 0.04 -0.52	21.58 0.17 0.00	22.28 0.22 0.00	23.20 0.25 0.00	23.91 0.26 0.00	23.91 0.26 0.00	24.20 0.29 0.00	25.04 0.42 0.00	27.41 0.34 -1.23	28.74 0.37 -2.12	28.77 0.40 -1.94	28.27 0.37 -1.53	28.06 0.38 -0.85	26.78 0.36 -0.55	25.43 0.45 0.00	25.16 0.49 0.00
BIXINCNT_115KV_LOAD 355685	18.37 -1.41 -0.73	15.49 -1.22 -0.85	14.85 -1.42 -0.46	15.24 -0.88 -0.33	15.34 -0.81 -0.35	15.16 -0.87 -0.23	15.25 -1.01 -0.47	15.09 -1.30 -0.54	16.94 -1.47 -0.28	20.25 -1.16 0.00	20.98 -1.08 0.00	21.92 -1.03 0.00	22.49 -1.16 0.00	22.37 -1.28 0.00	22.93 -0.98 0.00	23.94 -0.69 0.00	25.12 -1.37 -0.65	25.90 -1.47 -1.12	26.08 -1.37 -1.03	25.78 -1.40 -0.81	25.96 -1.31 -0.45	24.84 -1.32 -0.29	24.28 -0.70 0.00	24.17 -0.49 0.00
BLACK RIVER___HYD 24047	19.01 -0.25 -0.20	15.89 -0.21 -0.24	15.69 -0.25 -0.13	15.61 -0.28 -0.09	15.61 -0.28 -0.10	15.57 -0.30 -0.06	15.61 -0.32 -0.13	15.60 -0.40 -0.15	17.76 -0.45 -0.08	21.02 -0.38 0.00	21.62 -0.44 0.00	22.47 -0.48 0.00	23.01 -0.64 0.00	23.10 -0.54 0.00	23.36 -0.55 0.00	23.96 -0.66 0.00	25.35 -0.67 -0.18	25.94 -0.63 -0.31	26.27 -0.45 -0.29	26.44 -0.16 -0.23	26.82 -0.13 -0.13	25.82 -0.13 -0.08	24.91 -0.07 0.00	24.57 -0.10 0.00
BLACKRVR_115KV_TB2 79977	19.01 -0.25 -0.20	15.89 -0.21 -0.24	15.69 -0.25 -0.13	15.65 -0.24 -0.09	15.66 -0.24 -0.10	15.61 -0.25 -0.06	15.64 -0.28 -0.13	15.60 -0.40 -0.15	17.76 -0.45 -0.08	20.98 -0.43 0.00	21.62 -0.44 0.00	22.47 -0.48 0.00	23.01 -0.64 0.00	23.08 -0.57 0.00	23.36 -0.55 0.00	23.96 -0.66 0.00	25.35 -0.67 -0.18	25.94 -0.63 -0.31	26.27 -0.45 -0.29	26.44 -0.16 -0.23	26.82 -0.13 -0.13	25.82 -0.13 -0.08	24.91 -0.07 0.00	24.59 -0.07 0.00
BLISS_WT_PWR 323608	18.29 -1.49 -0.73	15.41 -1.30 -0.85	14.75 -1.52 -0.46	14.47 -1.66 -0.33	14.57 -1.58 -0.35	14.40 -1.63 -0.23	14.67 -1.59 -0.47	15.01 -1.38 -0.54	16.87 -1.54 -0.28	20.53 -0.88 0.00	21.00 -1.06 0.00	21.81 -1.15 0.00	22.37 -1.28 0.00	22.25 -1.40 0.00	22.88 -1.03 0.00	23.84 -0.79 0.00	25.02 -1.47 -0.65	25.77 -1.60 -1.12	25.95 -1.51 -1.03	25.65 -1.53 -0.81	25.83 -1.45 -0.45	24.74 -1.42 -0.29	24.18 -0.80 0.00	23.68 -0.99 0.00
BLUESTONE___WT_PWR 323821	21.46 0.93 -1.48	18.32 0.73 -1.73	17.38 0.63 -0.93	17.06 0.58 -0.67	17.09 0.58 -0.71	16.85 0.59 -0.46	17.36 0.62 -0.96	17.55 0.60 -1.10	19.47 0.78 -0.56	22.52 1.11 0.00	23.21 1.15 0.00	24.21 1.26 0.00	24.95 1.30 0.00	25.04 1.39 0.00	25.42 1.51 0.00	26.23 1.60 0.00	28.74 1.58 -1.32	30.15 1.63 -2.27	30.21 1.69 -2.08	29.80 1.79 -1.63	29.54 1.80 -0.91	28.12 1.66 -0.59	26.73 1.75 0.00	26.29 1.63 0.00
BLUE_CIRC_CHEM_DRP 24182	25.52 0.76 -5.71	23.17 0.63 -6.68	20.03 0.62 -3.60	19.06 0.66 -2.61	19.19 0.65 -2.75	18.25 0.66 -1.78	20.13 0.63 -3.71	20.69 0.59 -4.26	20.92 0.63 -2.16	22.12 0.71 -0.01	22.77 0.71 0.00	23.71 0.76 0.00	24.45 0.80 0.00	24.48 0.83 0.00	24.80 0.88 0.00	25.56 0.94 0.00	31.81 0.93 -5.04	35.96 0.95 -8.76	35.45 0.98 -8.04	33.71 1.03 -6.31	31.40 1.05 -3.52	29.20 1.06 -2.27	26.06 1.07 0.00	25.63 0.96 0.00
BOC_GAS_DRP 24189	25.47 0.63 -5.79	23.16 0.52 -6.78	19.97 0.51 -3.66	18.99 0.55 -2.64	19.12 0.54 -2.79	18.15 0.54 -1.80	20.09 0.54 -3.76	20.67 0.51 -4.32	20.92 0.60 -2.19	22.10 0.69 -0.01	22.74 0.68 0.00	23.69 0.73 0.00	24.43 0.78 0.00	24.45 0.80 0.00	24.77 0.86 0.00	25.54 0.91 0.00	31.88 0.93 -5.11	36.08 0.95 -8.89	35.54 0.95 -8.15	33.73 0.95 -6.41	31.34 0.94 -3.57	29.10 0.93 -2.30	25.91 0.92 0.00	25.45 0.79 0.00
BOONVILLE_115KV_TB1 79983	19.42 0.25 -0.13	16.20 0.19 -0.15	16.05 0.16 -0.08	16.04 0.19 -0.06	16.05 0.19 -0.06	16.03 0.19 -0.04	16.04 0.17 -0.08	16.05 0.11 -0.09	18.33 0.15 -0.05	21.64 0.24 0.00	22.30 0.24 0.00	23.23 0.28 0.00	23.91 0.26 0.00	23.98 0.33 0.00	24.27 0.36 0.00	24.95 0.32 0.00	26.26 0.31 -0.11	26.79 0.34 -0.19	27.01 0.40 -0.18	27.01 0.50 -0.14	27.42 0.51 -0.08	26.39 0.47 -0.05	25.48 0.50 0.00	25.16 0.49 0.00
BORALEX_4TH_BRANCH 23824	25.90 1.07 -5.79	23.54 0.90 -6.77	20.34 0.87 -3.66	19.37 0.93 -2.64	19.51 0.93 -2.79	18.52 0.92 -1.80	20.50 0.95 -3.76	21.04 0.87 -4.32	21.37 1.05 -2.19	22.70 1.28 -0.01	23.32 1.26 0.00	24.26 1.31 0.00	25.02 1.37 0.00	25.11 1.47 0.00	25.39 1.48 0.00	26.13 1.50 0.00	32.27 1.52 -4.90	36.71 1.58 -8.88	36.17 1.59 -8.15	34.44 1.66 -6.40	32.17 1.77 -3.57	29.88 1.71 -2.30	26.70 1.72 0.00	26.14 1.48 0.00
BOWLINE___1 23526	24.46 1.07 -4.35	21.82 0.87 -5.09	19.43 0.87 -2.75	18.62 0.84 -1.99	18.74 0.85 -2.09	18.01 0.85 -1.36	19.47 0.85 -2.83	20.04 0.95 -3.25	20.96 1.18 -1.64	22.80 1.39 -0.01	23.54 1.48 0.00	24.53 1.58 0.00	25.35 1.70 0.00	25.37 1.73 0.00	25.83 1.91 0.00	26.77 2.14 0.00	32.20 2.33 -4.03	35.31 2.36 -6.69	34.90 2.33 -6.14	33.37 2.19 -4.81	31.66 2.15 -2.68	29.59 1.99 -1.73	26.83 1.85 0.00	26.22 1.55 0.00
BOWLINE___2 23595	24.47 1.07 -4.35	21.82 0.87 -5.09	19.43 0.87 -2.75	18.62 0.84 -1.99	18.74 0.85 -2.09	18.01 0.85 -1.36	19.47 0.85 -2.83	20.04 0.95 -3.25	20.96 1.18 -1.64	22.80 1.39 -0.01	23.54 1.48 0.00	24.53 1.58 0.00	25.35 1.70 0.00	25.37 1.73 0.00	25.83 1.91 0.00	26.77 2.14 0.00	32.20 2.33 -4.03	35.31 2.36 -6.70	34.90 2.33 -6.14	33.37 2.19 -4.81	31.66 2.15 -2.68	29.59 1.99 -1.73	26.83 1.85 0.00	26.22 1.55 0.00
BRADY___115KV_TB2 356060	18.61 -0.44 0.00	15.53 -0.33 0.00	15.51 -0.30 0.00	15.31 -0.49 0.00	15.31 -0.49 0.00	15.33 -0.47 0.00	15.38 -0.41 0.00	15.51 -0.33 0.00	17.63 -0.51 0.00	20.64 -0.77 0.00	21.27 -0.79 0.00	22.06 -0.90 0.00	22.68 -0.97 0.00	22.73 -0.92 0.00	22.98 -0.93 0.00	23.27 -1.35 0.00	24.44 -1.40 0.00	24.84 -1.42 0.00	25.03 -1.40 0.00	25.13 -1.24 0.00	25.65 -1.18 0.00	24.66 -1.22 0.00	23.76 -1.22 0.00	23.41 -1.26 0.00
BRANSCOMB___SOLAR 323811	26.12 1.09 -5.98	23.75 0.89 -7.00	20.44 0.85 -3.78	19.36 0.84 -2.73	19.51 0.84 -2.88	18.52 0.85 -1.86	20.51 0.84 -3.89	21.15 0.84 -4.47	21.43 1.03 -2.26	22.66 1.24 -0.01	23.29 1.23 0.00	24.26 1.31 0.00	24.92 1.28 0.00	24.92 1.28 0.00	25.35 1.43 0.00	26.10 1.48 0.00	32.60 1.55 -5.21	37.01 1.58 -9.18	36.57 1.72 -8.42	34.78 1.79 -6.62	32.43 1.91 -3.69	30.14 1.89 -2.38	26.78 1.80 0.00	26.32 1.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.00 1.79 -14.16	32.80 1.46 -15.48	28.07 1.47 -10.79	24.37 1.52 -7.06	24.81 1.55 -7.47	24.58 1.55 -7.23	24.93 1.53 -7.61	27.63 1.57 -10.21	29.99 1.87 -9.99	32.41 2.31 -8.69	32.77 2.29 -8.42	33.92 2.39 -8.58	37.25 2.53 -11.07	37.47 2.62 -11.20	39.30 2.65 -12.73	46.43 2.96 -18.85	44.32 3.20 -15.28	51.72 3.23 -22.23	41.94 3.25 -12.25	40.97 3.09 -11.52	41.96 3.11 -12.02	37.41 2.92 -8.62	35.43 2.70 -7.75	33.69 2.42 -6.61

BRISTLHL_115KV_TB1 79998	19.18 -0.19 -0.32	16.06 -0.17 -0.37	15.79 -0.22 -0.20	15.83 -0.11 -0.15	15.84 -0.11 -0.15	15.79 -0.11 -0.10	15.85 -0.14 -0.21	15.88 -0.21 -0.24	18.06 -0.20 -0.12	21.24 -0.17 0.00	21.90 -0.15 0.00	22.79 -0.16 0.00	23.46 -0.19 0.00	23.41 -0.24 0.00	23.63 -0.29 0.00	24.33 -0.30 0.00	25.82 -0.31 -0.29	26.43 -0.32 -0.49	26.59 -0.29 -0.45	26.44 -0.29 -0.35	26.73 -0.30 -0.20	25.77 -0.23 -0.13	24.78 -0.20 0.00	24.61 -0.05 0.00
BROOKHAVEN___DRP 24191	34.96 1.75 -14.16	32.77 1.43 -15.48	28.10 1.50 -10.79	24.40 1.55 -7.06	24.85 1.58 -7.47	24.62 1.58 -7.23	24.97 1.58 -7.61	27.66 1.60 -10.21	30.01 1.89 -9.99	32.31 2.20 -8.69	32.70 2.23 -8.42	33.88 2.34 -8.58	37.18 2.46 -11.07	37.40 2.55 -11.20	39.30 2.65 -12.73	46.46 2.98 -18.85	44.32 3.20 -15.28	51.74 3.26 -22.23	41.96 3.28 -12.25	41.00 3.11 -11.52	41.86 3.00 -12.02	37.31 2.82 -8.62	35.33 2.60 -7.75	33.59 2.32 -6.61
BROOKLYN_NAVY_YARD 23515	24.82 1.26 -4.51	22.14 1.00 -5.28	19.67 1.01 -2.85	18.84 0.98 -2.06	18.96 1.00 -2.17	18.22 1.01 -1.41	19.73 1.01 -2.93	20.37 1.16 -3.37	21.27 1.43 -1.71	23.10 1.69 -0.01	23.87 1.81 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.26 2.64 0.00	32.92 2.87 -4.22	36.08 2.86 -6.97	35.68 2.86 -6.39	34.03 2.66 -4.99	32.22 2.60 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
BROOKLYN___ARMY_DRP 323595	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
BROOKVLE_69_KV_TB1 55790	34.86 1.66 -14.16	32.67 1.33 -15.48	27.91 1.31 -10.79	24.21 1.36 -7.06	24.64 1.37 -7.47	24.41 1.37 -7.23	24.74 1.34 -7.61	27.48 1.43 -10.21	29.88 1.76 -9.99	32.33 2.23 -8.69	32.75 2.27 -8.42	33.99 2.46 -8.58	37.27 2.55 -11.07	37.45 2.60 -11.20	39.35 2.70 -12.73	46.48 3.00 -18.85	44.32 3.20 -15.28	51.74 3.26 -22.23	41.88 3.20 -12.25	40.95 3.06 -11.52	41.86 3.00 -12.02	37.31 2.82 -8.62	35.48 2.75 -7.75	33.67 2.39 -6.61
BROOME_2_LFGE 323671	20.49 0.06 -1.38	17.49 0.02 -1.61	16.63 -0.05 -0.87	16.35 -0.08 -0.63	16.38 -0.08 -0.66	16.15 -0.08 -0.43	16.61 -0.08 -0.90	16.87 0.00 -1.03	18.69 0.04 -0.52	21.65 0.24 0.00	22.30 0.24 0.00	23.21 0.25 0.00	23.91 0.26 0.00	23.91 0.26 0.00	24.22 0.31 0.00	25.04 0.42 0.00	27.41 0.34 -1.24	28.74 0.37 -2.12	28.77 0.40 -1.94	28.27 0.37 -1.53	28.06 0.38 -0.85	26.78 0.36 -0.55	25.43 0.45 0.00	25.06 0.39 0.00
BROOME___LFGE 323600	20.49 0.06 -1.38	17.49 0.02 -1.61	16.63 -0.05 -0.87	16.35 -0.08 -0.63	16.38 -0.08 -0.66	16.15 -0.08 -0.43	16.61 -0.08 -0.90	16.87 0.00 -1.03	18.69 0.04 -0.52	21.65 0.24 0.00	22.30 0.24 0.00	23.21 0.25 0.00	23.91 0.26 0.00	23.91 0.26 0.00	24.22 0.31 0.00	25.04 0.42 0.00	27.41 0.34 -1.24	28.74 0.37 -2.12	28.77 0.40 -1.94	28.27 0.37 -1.53	28.06 0.38 -0.85	26.78 0.36 -0.55	25.43 0.45 0.00	25.06 0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	18.54 -0.61 -0.10	15.47 -0.51 -0.12	15.37 -0.51 -0.06	15.24 -0.60 -0.05	15.24 -0.60 -0.05	15.25 -0.58 -0.03	15.29 -0.57 -0.07	15.35 -0.57 -0.08	17.47 -0.71 -0.04	20.53 -0.88 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.63 -1.02 0.00	22.88 -1.03 0.00	23.30 -1.33 0.00	24.53 -1.40 -0.09	25.04 -1.37 -0.16	25.28 -1.30 -0.14	25.35 -1.13 -0.11	25.79 -1.10 -0.06	24.83 -1.09 -0.04	23.91 -1.07 0.00	23.58 -1.09 0.00
BROWNSV1_27_KV_LOAD 356125	25.01 1.45 -4.51	22.28 1.14 -5.28	19.82 1.15 -2.85	19.04 1.18 -2.06	19.17 1.20 -2.17	18.41 1.20 -1.41	19.91 1.18 -2.93	20.48 1.27 -3.37	21.42 1.58 -1.71	23.45 2.03 -0.01	24.09 2.03 0.00	25.13 2.18 0.00	25.97 2.32 0.00	26.06 2.41 0.00	26.45 2.53 0.00	27.48 2.86 0.00	33.13 3.10 -4.19	36.30 3.12 -6.92	35.91 3.12 -6.36	34.29 2.93 -4.99	32.46 2.84 -2.78	30.30 2.64 -1.79	27.43 2.45 0.00	26.74 2.07 0.00
BURROWS___LYONSDAL 23803	19.29 0.11 -0.13	16.09 0.08 -0.15	15.94 0.05 -0.08	15.92 0.06 -0.06	15.92 0.06 -0.06	15.91 0.06 -0.04	15.92 0.05 -0.08	15.93 -0.02 -0.10	18.18 0.00 -0.05	21.45 0.04 0.00	22.13 0.07 0.00	23.04 0.09 0.00	23.70 0.05 0.00	23.77 0.12 0.00	24.06 0.14 0.00	24.70 0.07 0.00	26.01 0.05 -0.12	26.56 0.11 -0.20	26.80 0.19 -0.18	26.81 0.29 -0.14	27.23 0.32 -0.08	26.21 0.28 -0.05	25.31 0.32 0.00	24.96 0.30 0.00
CAITHNESS_CC_1 323624	34.92 1.72 -14.16	32.75 1.41 -15.48	28.07 1.47 -10.79	24.29 1.44 -7.06	24.72 1.45 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.63 1.57 -10.21	29.95 1.83 -9.99	32.16 2.06 -8.69	32.66 2.18 -8.42	33.85 2.32 -8.58	37.13 2.41 -11.07	37.33 2.48 -11.20	39.27 2.63 -12.73	46.38 2.90 -18.85	44.29 3.15 -15.30	51.73 3.20 -22.27	41.95 3.22 -12.29	40.97 3.08 -11.52	41.83 2.98 -12.02	37.28 2.80 -8.62	35.30 2.57 -7.75	33.54 2.27 -6.61
CALPINE BETH_PAGE_GT4 24209	34.79 1.58 -14.16	32.61 1.27 -15.48	27.86 1.26 -10.79	24.16 1.31 -7.06	24.59 1.33 -7.47	24.36 1.33 -7.23	24.69 1.29 -7.61	27.42 1.36 -10.21	29.81 1.69 -9.99	32.22 2.12 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.13 2.41 -11.07	37.35 2.51 -11.20	39.15 2.51 -12.73	46.28 2.81 -18.85	44.14 3.02 -15.28	51.56 3.07 -22.23	41.72 3.04 -12.25	40.76 2.87 -11.52	41.80 2.95 -12.02	37.26 2.77 -8.62	35.30 2.57 -7.75	33.52 2.24 -6.61
CALPINE_BETH_PAGE_GT_4 323586	34.77 1.56 -14.16	32.59 1.25 -15.48	27.86 1.27 -10.79	24.07 1.22 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.64 1.25 -7.61	27.42 1.36 -10.21	29.81 1.69 -9.99	32.09 1.99 -8.69	32.60 2.12 -8.42	33.81 2.27 -8.58	37.13 2.41 -11.07	37.31 2.46 -11.20	39.18 2.53 -12.73	46.28 2.81 -18.85	44.16 3.02 -15.30	51.60 3.07 -22.28	41.76 3.04 -12.29	40.76 2.88 -11.52	41.80 2.95 -12.02	37.26 2.77 -8.62	35.30 2.57 -7.75	33.52 2.24 -6.61
CALPINE_BP_GT1 23823	34.77 1.56 -14.16	32.59 1.25 -15.48	27.86 1.27 -10.79	24.07 1.22 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.64 1.25 -7.61	27.42 1.36 -10.21	29.81 1.69 -9.99	32.09 1.99 -8.69	32.60 2.12 -8.42	33.81 2.27 -8.58	37.13 2.41 -11.07	37.31 2.46 -11.20	39.18 2.53 -12.73	46.28 2.81 -18.85	44.16 3.02 -15.30	51.60 3.07 -22.28	41.76 3.04 -12.29	40.76 2.88 -11.52	41.80 2.95 -12.02	37.26 2.77 -8.62	35.30 2.57 -7.75	33.52 2.24 -6.61
CALSPAN___DRP 24200	18.70 -1.03 -0.68	15.77 -0.89 -0.79	15.18 -1.06 -0.43	15.73 -0.38 -0.31	15.76 -0.36 -0.33	15.60 -0.41 -0.21	15.68 -0.55 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.36 -1.05 0.00	21.15 -0.90 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.65 -0.99 0.00	23.05 -0.86 0.00	24.11 -0.52 0.00	25.57 -0.88 -0.61	26.40 -0.89 -1.04	26.46 -0.93 -0.96	26.28 -0.84 -0.75	26.44 -0.80 -0.42	25.31 -0.83 -0.27	24.48 -0.50 0.00	24.44 -0.22 0.00

CALVERTON___SOLAR 323806	34.98 1.77 -14.16	32.78 1.44 -15.48	28.13 1.53 -10.79	24.35 1.50 -7.06	24.78 1.52 -7.47	24.57 1.53 -7.23	24.93 1.53 -7.61	27.69 1.63 -10.21	30.01 1.89 -9.99	32.22 2.12 -8.69	32.73 2.25 -8.42	33.94 2.41 -8.58	37.25 2.53 -11.07	37.45 2.60 -11.20	39.42 2.77 -12.73	46.53 3.05 -18.85	44.45 3.31 -15.30	51.89 3.36 -22.27	42.08 3.36 -12.29	41.10 3.22 -11.52	41.94 3.08 -12.02	37.36 2.87 -8.62	35.37 2.65 -7.75	33.62 2.34 -6.61
CANDIGU_WT_PWR 323617	19.26 -0.72 -0.94	16.27 -0.68 -1.10	15.60 -0.81 -0.59	15.37 -0.85 -0.43	15.41 -0.84 -0.45	15.24 -0.85 -0.29	15.58 -0.82 -0.61	15.81 -0.73 -0.70	17.65 -0.83 -0.35	20.83 -0.58 0.00	21.42 -0.64 0.00	22.26 -0.69 0.00	22.89 -0.76 0.00	22.89 -0.76 0.00	23.24 -0.67 0.00	24.16 -0.47 0.00	26.01 -0.67 -0.84	27.06 -0.63 -1.44	27.20 -0.56 -1.32	26.85 -0.56 -1.04	26.84 -0.56 -0.58	25.78 -0.46 -0.37	24.76 -0.23 0.00	24.42 -0.25 0.00
CARR STREET_E_SYR 24060	19.31 -0.09 -0.36	16.18 -0.09 -0.42	15.88 -0.16 -0.23	15.79 -0.17 -0.16	15.79 -0.17 -0.17	15.74 -0.17 -0.11	15.85 -0.17 -0.23	15.98 -0.13 -0.27	18.18 -0.09 -0.14	21.43 0.02 0.00	22.06 0.00 0.00	22.93 -0.02 0.00	23.62 -0.02 0.00	23.62 -0.02 0.00	23.89 -0.02 0.00	24.55 -0.07 0.00	26.08 -0.08 -0.32	26.72 -0.08 -0.55	26.86 -0.08 -0.50	26.69 -0.08 -0.40	26.94 -0.11 -0.22	25.96 -0.05 -0.14	24.93 -0.05 0.00	24.69 0.02 0.00
CARTHAGE___PAPER 23857	18.91 -0.32 -0.18	15.80 -0.27 -0.21	15.63 -0.30 -0.11	15.55 -0.33 -0.08	15.55 -0.33 -0.09	15.53 -0.33 -0.06	15.56 -0.35 -0.12	15.55 -0.43 -0.14	17.69 -0.51 -0.07	20.87 -0.53 0.00	21.49 -0.57 0.00	22.33 -0.62 0.00	22.89 -0.76 0.00	22.99 -0.66 0.00	23.17 -0.74 0.00	23.81 -0.81 0.00	25.15 -0.85 -0.16	25.75 -0.79 -0.28	26.08 -0.61 -0.26	26.20 -0.37 -0.20	26.62 -0.32 -0.11	25.61 -0.34 -0.07	24.71 -0.27 0.00	24.37 -0.29 0.00
CASSADAGA_WT_PWR 323784	18.45 -1.31 -0.72	15.48 -1.22 -0.84	14.81 -1.45 -0.45	14.56 -1.56 -0.33	14.55 -1.59 -0.35	14.38 -1.64 -0.22	14.66 -1.59 -0.47	14.94 -1.44 -0.54	16.79 -1.61 -0.27	20.29 -1.11 0.00	20.82 -1.23 0.00	21.71 -1.24 0.00	22.32 -1.32 0.00	22.25 -1.40 0.00	22.69 -1.22 0.00	23.84 -0.79 0.00	25.32 -1.16 -0.64	26.28 -1.08 -1.10	26.41 -1.03 -1.01	26.30 -0.87 -0.79	26.49 -0.78 -0.44	25.33 -0.83 -0.29	24.58 -0.40 0.00	24.07 -0.59 0.00
CE_DUNWOOD___DRP 24194	24.75 1.20 -4.50	22.10 0.97 -5.27	19.62 0.96 -2.84	18.85 1.00 -2.06	18.97 1.01 -2.17	18.22 1.01 -1.40	19.71 0.99 -2.93	20.27 1.06 -3.36	21.16 1.32 -1.70	23.11 1.69 -0.01	23.74 1.68 0.00	24.74 1.79 0.00	25.54 1.89 0.00	25.63 1.99 0.00	25.99 2.08 0.00	26.99 2.36 0.00	32.57 2.56 -4.17	35.74 2.57 -6.91	35.34 2.56 -6.34	33.76 2.40 -4.98	31.97 2.36 -2.78	29.86 2.20 -1.79	27.00 2.02 0.00	26.39 1.73 0.00
CE_MILLWOOD___DRP 24193	24.70 1.16 -4.49	22.05 0.94 -5.25	19.58 0.93 -2.83	18.81 0.96 -2.05	18.93 0.98 -2.16	18.18 0.98 -1.40	19.67 0.96 -2.92	20.22 1.03 -3.35	21.12 1.29 -1.70	23.04 1.63 -0.01	23.67 1.61 0.00	24.67 1.72 0.00	25.47 1.82 0.00	25.56 1.92 0.00	25.94 2.03 0.00	26.92 2.29 0.00	32.47 2.48 -4.15	35.63 2.49 -6.88	35.24 2.48 -6.32	33.66 2.32 -4.96	31.91 2.31 -2.77	29.80 2.15 -1.78	26.95 1.97 0.00	26.34 1.68 0.00
CE_NYC2_DRP 24202	24.84 1.28 -4.51	22.14 1.00 -5.28	19.67 1.01 -2.85	18.90 1.04 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.76 1.04 -2.93	20.35 1.14 -3.37	21.27 1.43 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.87 2.22 0.00	26.23 2.32 0.00	27.26 2.64 0.00	32.95 2.92 -4.19	36.12 2.94 -6.92	35.70 2.91 -6.36	34.08 2.72 -4.99	32.24 2.63 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
CE_NYC_DRP 24195	24.88 1.31 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.81 1.09 -2.93	20.39 1.17 -3.37	21.31 1.47 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.87 2.22 0.00	26.26 2.34 0.00	27.29 2.66 0.00	32.90 2.87 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.22 2.60 -2.78	30.10 2.43 -1.79	27.20 2.22 0.00	26.54 1.87 0.00
CHAFFEE___LFGE 323603	18.74 -1.01 -0.70	15.78 -0.90 -0.82	15.18 -1.08 -0.44	14.95 -1.17 -0.32	14.98 -1.15 -0.34	14.82 -1.20 -0.22	15.11 -1.14 -0.46	15.37 -1.00 -0.53	17.29 -1.11 -0.27	20.85 -0.56 0.00	21.38 -0.68 0.00	22.24 -0.71 0.00	22.89 -0.76 0.00	22.80 -0.85 0.00	23.20 -0.72 0.00	24.21 -0.42 0.00	25.64 -0.83 -0.63	26.49 -0.84 -1.08	26.58 -0.85 -0.99	26.36 -0.79 -0.78	26.51 -0.75 -0.43	25.38 -0.78 -0.28	24.56 -0.42 0.00	24.14 -0.52 0.00
CHATEAUG_35_KV_LOAD 355732	18.46 -0.59 0.00	15.37 -0.49 0.00	15.31 -0.51 0.00	15.07 -0.73 0.00	15.02 -0.77 0.00	15.03 -0.77 0.00	15.09 -0.69 0.00	15.24 -0.60 0.00	17.35 -0.78 0.00	20.32 -1.09 0.00	20.93 -1.13 0.00	21.71 -1.24 0.00	22.37 -1.28 0.00	22.35 -1.30 0.00	22.55 -1.36 0.00	23.03 -1.60 0.00	24.13 -1.71 0.00	24.49 -1.76 0.00	24.69 -1.74 0.00	24.66 -1.71 0.00	25.17 -1.66 0.00	24.24 -1.63 0.00	23.33 -1.65 0.00	23.06 -1.60 0.00
CHATEAUG_WT_PWR 323614	18.52 -0.53 0.00	15.40 -0.46 0.00	15.34 -0.47 0.00	15.29 -0.51 0.00	15.26 -0.54 0.00	15.23 -0.57 0.00	15.24 -0.55 0.00	15.24 -0.60 0.00	17.37 -0.76 0.00	20.32 -1.09 0.00	20.96 -1.10 0.00	21.76 -1.19 0.00	22.39 -1.25 0.00	22.35 -1.30 0.00	22.43 -1.48 0.00	23.05 -1.58 0.00	24.16 -1.68 0.00	24.52 -1.73 0.00	24.72 -1.72 0.00	24.66 -1.71 0.00	25.14 -1.69 0.00	24.24 -1.63 0.00	23.36 -1.62 0.00	23.13 -1.53 0.00
CHAT_HIGH_FALL_HYD 323578	18.46 -0.59 0.00	15.37 -0.49 0.00	15.31 -0.51 0.00	15.07 -0.73 0.00	15.02 -0.77 0.00	15.03 -0.77 0.00	15.09 -0.69 0.00	15.24 -0.60 0.00	17.35 -0.78 0.00	20.32 -1.09 0.00	20.93 -1.13 0.00	21.71 -1.24 0.00	22.37 -1.28 0.00	22.35 -1.30 0.00	22.55 -1.36 0.00	23.03 -1.60 0.00	24.13 -1.71 0.00	24.49 -1.76 0.00	24.69 -1.74 0.00	24.66 -1.71 0.00	25.17 -1.66 0.00	24.24 -1.63 0.00	23.33 -1.65 0.00	23.06 -1.60 0.00
CHAUTAUQUA___LFGE 323629	18.70 -1.05 -0.70	15.73 -0.95 -0.82	15.12 -1.14 -0.44	14.88 -1.23 -0.32	14.90 -1.23 -0.34	14.73 -1.30 -0.22	15.01 -1.23 -0.46	15.28 -1.09 -0.52	17.20 -1.20 -0.27	20.68 -0.73 0.00	21.22 -0.84 0.00	22.10 -0.85 0.00	22.73 -0.92 0.00	22.63 -1.02 0.00	23.05 -0.86 0.00	24.13 -0.49 0.00	25.64 -0.83 -0.63	26.52 -0.81 -1.08	26.63 -0.79 -0.99	26.44 -0.71 -0.78	26.59 -0.67 -0.43	25.45 -0.70 -0.28	24.63 -0.35 0.00	24.17 -0.49 0.00
CHERRYST_13_KV_LD 356241	24.93 1.37 -4.51	22.22 1.08 -5.28	19.75 1.09 -2.85	18.98 1.12 -2.06	19.12 1.15 -2.17	18.36 1.15 -1.41	19.86 1.14 -2.93	20.43 1.22 -3.37	21.36 1.52 -1.71	23.36 1.95 -0.01	24.00 1.94 0.00	25.02 2.07 0.00	25.85 2.20 0.00	25.97 2.32 0.00	26.33 2.42 0.00	27.36 2.73 0.00	33.00 2.97 -4.19	36.20 3.02 -6.92	35.77 2.99 -6.36	34.13 2.77 -4.99	32.32 2.71 -2.78	30.17 2.51 -1.79	27.30 2.32 0.00	26.61 1.95 0.00

CHESTROR_138KV_BK263 355645	24.10 0.93 -4.11	21.44 0.76 -4.81	19.15 0.74 -2.60	18.45 0.77 -1.88	18.57 0.79 -1.98	17.88 0.79 -1.28	19.22 0.76 -2.67	19.71 0.79 -3.07	20.69 1.00 -1.55	22.68 1.26 -0.01	23.29 1.24 0.00	24.26 1.31 0.00	25.04 1.40 0.00	25.11 1.47 0.00	25.49 1.58 0.00	26.42 1.80 0.00	31.57 1.94 -3.80	34.56 2.00 -6.31	34.21 1.98 -5.79	32.80 1.87 -4.55	31.22 1.85 -2.54	29.24 1.73 -1.63	26.58 1.60 0.00	26.02 1.36 0.00
CH_MIDHUDSON___DRP 24192	24.80 1.10 -4.65	22.19 0.89 -5.44	19.62 0.87 -2.94	18.83 0.92 -2.12	18.96 0.93 -2.24	18.18 0.93 -1.45	19.71 0.90 -3.02	20.23 0.92 -3.47	21.05 1.16 -1.76	22.87 1.46 -0.01	23.49 1.43 0.00	24.44 1.49 0.00	25.23 1.58 0.00	25.30 1.66 0.00	25.71 1.79 0.00	26.65 2.02 0.00	32.29 2.20 -4.26	35.62 2.23 -7.13	35.20 2.22 -6.55	33.62 2.11 -5.14	31.79 2.09 -2.87	29.68 1.97 -1.85	26.83 1.85 0.00	26.24 1.58 0.00
CH_MISC_IPPS 23765	24.78 1.18 -4.54	22.13 0.95 -5.32	19.61 0.93 -2.87	18.77 0.90 -2.07	18.90 0.92 -2.19	18.14 0.92 -1.42	19.66 0.92 -2.95	20.19 0.95 -3.39	21.07 1.22 -1.72	22.85 1.43 -0.01	23.54 1.48 0.00	24.51 1.56 0.00	25.30 1.65 0.00	25.33 1.68 0.00	25.83 1.91 0.00	26.74 2.12 0.00	32.34 2.33 -4.17	35.59 2.36 -6.97	35.21 2.38 -6.40	33.67 2.27 -5.03	31.89 2.25 -2.80	29.77 2.09 -1.80	26.95 1.97 0.00	26.34 1.68 0.00
CH_RES_BVR_FALLS 23983	18.59 -0.46 0.00	15.46 -0.40 0.00	15.43 -0.38 0.00	15.42 -0.38 0.00	15.40 -0.39 0.00	15.41 -0.39 0.00	15.41 -0.38 0.00	15.43 -0.41 0.00	17.65 -0.49 0.00	20.77 -0.64 0.00	21.42 -0.64 0.00	22.26 -0.69 0.00	22.94 -0.71 0.00	22.94 -0.71 0.00	23.12 -0.79 0.00	23.81 -0.81 0.00	24.99 -0.85 0.00	25.39 -0.87 0.00	25.59 -0.85 0.00	25.55 -0.82 0.00	26.00 -0.83 0.00	25.10 -0.78 0.00	24.21 -0.77 0.00	23.95 -0.72 0.00
CH_RES_NIAGARA 23895	18.49 -1.18 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	15.76 -0.32 -0.28	15.78 -0.32 -0.30	15.63 -0.36 -0.19	15.69 -0.51 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	19.91 -1.50 0.00	20.69 -1.37 0.00	21.67 -1.29 0.00	22.28 -1.37 0.00	22.11 -1.54 0.00	22.48 -1.43 0.00	23.49 -1.13 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.87 -0.79 0.00
CH_RES_SYRACUSE 23985	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	15.87 -0.11 -0.18	15.90 -0.09 -0.19	15.83 -0.09 -0.13	15.96 -0.09 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.54 0.13 0.00	22.19 0.13 0.00	23.07 0.12 0.00	23.74 0.09 0.00	23.74 0.09 0.00	23.98 0.07 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.81 0.15 0.00
CLINTON_WT_PWR 323605	18.52 -0.53 0.00	15.40 -0.46 0.00	15.34 -0.47 0.00	15.29 -0.51 0.00	15.26 -0.54 0.00	15.23 -0.57 0.00	15.24 -0.55 0.00	15.24 -0.60 0.00	17.37 -0.76 0.00	20.32 -1.09 0.00	20.96 -1.10 0.00	21.76 -1.19 0.00	22.39 -1.25 0.00	22.35 -1.30 0.00	22.43 -1.48 0.00	23.05 -1.58 0.00	24.16 -1.68 0.00	24.52 -1.73 0.00	24.72 -1.72 0.00	24.66 -1.71 0.00	25.14 -1.69 0.00	24.24 -1.63 0.00	23.36 -1.62 0.00	23.13 -1.53 0.00
CLINTON___LFGE 323618	18.59 -0.46 0.00	15.46 -0.40 0.00	15.40 -0.41 0.00	15.35 -0.44 0.00	15.32 -0.47 0.00	15.31 -0.49 0.00	15.33 -0.46 0.00	15.35 -0.49 0.00	17.48 -0.65 0.00	20.38 -1.03 0.00	21.02 -1.04 0.00	21.81 -1.15 0.00	22.47 -1.18 0.00	22.44 -1.21 0.00	22.52 -1.39 0.00	23.15 -1.48 0.00	24.26 -1.58 0.00	24.63 -1.63 0.00	24.79 -1.64 0.00	24.76 -1.61 0.00	25.30 -1.53 0.00	24.37 -1.50 0.00	23.43 -1.55 0.00	23.21 -1.46 0.00
COBBLENY_34_KV_TB1 80064	18.72 -1.03 -0.70	15.79 -0.89 -0.82	15.18 -1.08 -0.44	15.72 -0.39 -0.32	15.76 -0.38 -0.34	15.60 -0.43 -0.22	15.68 -0.57 -0.46	15.37 -1.00 -0.53	17.29 -1.11 -0.27	20.42 -0.98 0.00	21.22 -0.84 0.00	22.24 -0.71 0.00	22.89 -0.76 0.00	22.75 -0.90 0.00	23.12 -0.79 0.00	24.21 -0.42 0.00	25.64 -0.83 -0.63	26.49 -0.84 -1.08	26.58 -0.85 -0.99	26.36 -0.79 -0.78	26.51 -0.75 -0.43	25.38 -0.78 -0.28	24.56 -0.42 0.00	24.52 -0.15 0.00
COFFEEN___115KV_TB3 355620	19.14 -0.11 -0.21	16.01 -0.10 -0.24	15.80 -0.14 -0.13	15.76 -0.13 -0.09	15.77 -0.13 -0.10	15.73 -0.14 -0.06	15.75 -0.17 -0.14	15.70 -0.30 -0.16	17.87 -0.34 -0.08	21.13 -0.28 0.00	21.75 -0.31 0.00	22.63 -0.32 0.00	23.13 -0.52 0.00	23.22 -0.43 0.00	23.53 -0.38 0.00	24.13 -0.49 0.00	25.51 -0.52 -0.19	26.10 -0.47 -0.32	26.49 -0.24 -0.29	26.68 0.08 -0.23	27.09 0.13 -0.13	26.06 0.10 -0.08	25.16 0.17 0.00	24.84 0.17 0.00
COLDSPRG_115KV_BK1 355956	18.67 -1.12 -0.74	15.73 -1.00 -0.87	15.08 -1.20 -0.47	15.46 -0.68 -0.34	15.47 -0.68 -0.36	15.29 -0.74 -0.23	15.43 -0.84 -0.48	15.26 -1.14 -0.56	17.16 -1.25 -0.28	20.53 -0.88 0.00	21.29 -0.77 0.00	22.33 -0.62 0.00	22.96 -0.69 0.00	22.84 -0.80 0.00	23.27 -0.65 0.00	24.40 -0.22 0.00	25.68 -0.83 -0.67	26.61 -0.79 -1.14	26.71 -0.77 -1.05	26.51 -0.69 -0.82	26.67 -0.62 -0.46	25.50 -0.67 -0.30	24.93 -0.05 0.00	24.79 0.12 0.00
COLONIE_LFGE___ 323577	25.85 0.90 -5.90	23.51 0.75 -6.91	20.25 0.71 -3.73	19.20 0.71 -2.69	19.35 0.71 -2.84	18.35 0.71 -1.84	20.34 0.71 -3.84	20.95 0.70 -4.41	21.22 0.85 -2.23	22.40 0.99 -0.01	23.07 1.02 0.00	24.03 1.08 0.00	24.76 1.11 0.00	24.76 1.11 0.00	25.13 1.22 0.00	25.88 1.26 0.00	32.25 1.29 -5.11	36.62 1.31 -9.05	36.09 1.35 -8.31	34.30 1.40 -6.53	31.92 1.45 -3.64	29.64 1.42 -2.34	26.40 1.42 0.00	25.92 1.26 0.00
COOPERNY_115KV_TB1 80082	22.83 0.69 -3.09	20.03 0.56 -3.62	18.30 0.54 -1.95	17.78 0.57 -1.41	17.87 0.58 -1.49	17.37 0.60 -0.96	18.35 0.55 -2.01	18.72 0.57 -2.31	20.03 0.73 -1.17	22.35 0.94 0.00	22.99 0.93 0.00	23.96 1.01 0.00	24.71 1.06 0.00	24.76 1.11 0.00	25.11 1.20 0.00	25.98 1.35 0.00	30.15 1.47 -2.84	32.49 1.50 -4.74	32.27 1.48 -4.35	31.19 1.40 -3.42	30.13 1.40 -1.91	28.39 1.29 -1.23	26.21 1.22 0.00	25.70 1.04 0.00
COPENHAGEN_WT_PWR 323753	19.02 -0.25 -0.21	15.90 -0.21 -0.25	15.69 -0.25 -0.14	15.61 -0.28 -0.10	15.62 -0.28 -0.10	15.57 -0.30 -0.07	15.61 -0.32 -0.14	15.62 -0.38 -0.16	17.78 -0.44 -0.08	21.04 -0.36 0.00	21.66 -0.40 0.00	22.49 -0.46 0.00	23.06 -0.59 0.00	23.13 -0.52 0.00	23.39 -0.53 0.00	24.01 -0.61 0.00	25.36 -0.67 -0.19	25.95 -0.63 -0.33	26.29 -0.45 -0.30	26.43 -0.18 -0.24	26.80 -0.16 -0.13	25.80 -0.15 -0.09	24.88 -0.10 0.00	24.57 -0.10 0.00
CORNELL_____ 23752	20.36 0.32 -0.98	17.23 0.22 -1.15	16.59 0.16 -0.62	16.53 0.28 -0.45	16.57 0.30 -0.47	16.41 0.30 -0.31	16.68 0.25 -0.64	16.75 0.17 -0.73	18.76 0.25 -0.37	21.77 0.36 0.00	22.46 0.40 0.00	23.41 0.46 0.00	24.10 0.45 0.00	24.10 0.45 0.00	24.34 0.43 0.00	25.17 0.54 -0.88	27.26 0.54 -1.51	28.37 0.60 -1.38	28.50 0.69 -1.38	28.17 0.71 -1.09	28.16 0.72 -0.61	26.99 0.72 -0.39	25.73 0.75 0.00	25.45 0.79 0.00

CORONA__69_KV_TB1 355595	34.82 1.62 -14.16	32.64 1.30 -15.48	27.89 1.30 -10.79	24.18 1.33 -7.06	24.61 1.34 -7.47	24.38 1.34 -7.23	24.70 1.31 -7.61	27.44 1.38 -10.21	29.83 1.70 -9.99	32.26 2.16 -8.69	32.68 2.21 -8.42	33.85 2.32 -8.58	37.18 2.46 -11.07	37.40 2.55 -11.20	39.35 2.70 -12.73	46.48 3.00 -18.85	44.35 3.23 -15.28	51.74 3.26 -22.23	41.94 3.25 -12.25	40.97 3.09 -11.52	41.88 3.03 -12.02	37.36 2.87 -8.62	35.40 2.67 -7.75	33.62 2.34 -6.61
CORTLAND__115KV_TB3 80093	20.20 0.25 -0.90	17.09 0.17 -1.05	16.49 0.11 -0.57	16.44 0.24 -0.41	16.48 0.25 -0.43	16.34 0.25 -0.28	16.58 0.21 -0.58	16.66 0.14 -0.67	18.67 0.20 -0.34	21.73 0.32 0.00	22.41 0.35 0.00	23.34 0.39 0.00	24.05 0.40 0.00	24.05 0.40 0.00	24.29 0.38 0.00	25.12 0.49 0.00	27.11 0.47 -0.81	28.13 0.50 -1.38	28.25 0.56 -1.27	27.95 0.58 -0.99	27.97 0.59 -0.55	26.82 0.60 -0.36	25.61 0.62 0.00	25.33 0.67 0.00
COXSACKIE__GT 23611	25.81 1.30 -5.46	23.28 1.03 -6.39	20.22 0.96 -3.45	19.22 0.93 -2.49	19.36 0.93 -2.63	18.45 0.95 -1.70	20.25 0.92 -3.55	20.70 0.78 -4.08	21.09 0.89 -2.06	22.46 1.05 -0.01	23.01 0.95 0.00	23.96 1.01 0.00	24.69 1.04 0.00	24.66 1.02 0.00	25.11 1.20 0.00	25.83 1.21 0.00	31.79 1.11 -4.84	35.92 1.29 -8.38	35.60 1.48 -7.69	34.05 1.64 -6.04	31.89 1.69 -3.37	29.75 1.71 -2.17	26.83 1.85 0.00	26.44 1.78 0.00
CPV_VALLEY__CC1 323721	23.58 0.78 -3.75	20.88 0.64 -4.39	18.81 0.63 -2.37	18.11 0.60 -1.71	18.22 0.62 -1.80	17.62 0.65 -1.17	18.84 0.62 -2.44	19.32 0.68 -2.80	20.42 0.87 -1.42	22.44 1.03 -0.01	23.14 1.08 0.00	24.12 1.17 0.00	24.90 1.25 0.00	24.92 1.28 0.00	25.35 1.43 0.00	26.23 1.60 0.00	31.03 1.73 -3.46	33.77 1.76 -5.76	33.46 1.74 -5.29	32.16 1.64 -4.15	30.78 1.64 -2.31	28.89 1.53 -1.49	26.38 1.40 0.00	25.85 1.18 0.00
CPV_VALLEY__CC2 323722	23.58 0.78 -3.75	20.88 0.64 -4.39	18.81 0.63 -2.37	18.11 0.60 -1.71	18.22 0.62 -1.80	17.62 0.65 -1.17	18.84 0.62 -2.44	19.32 0.68 -2.80	20.42 0.87 -1.42	22.44 1.03 -0.01	23.14 1.08 0.00	24.12 1.17 0.00	24.90 1.25 0.00	24.92 1.28 0.00	25.35 1.43 0.00	26.23 1.60 0.00	31.03 1.73 -3.46	33.77 1.76 -5.76	33.46 1.74 -5.29	32.16 1.64 -4.15	30.78 1.64 -2.31	28.89 1.53 -1.49	26.38 1.40 0.00	25.85 1.18 0.00
CRESCENT__HYD 24018	25.85 0.90 -5.90	23.51 0.75 -6.91	20.25 0.71 -3.73	19.20 0.71 -2.69	19.35 0.71 -2.84	18.35 0.71 -1.84	20.34 0.71 -3.84	20.95 0.70 -4.41	21.22 0.85 -2.23	22.40 0.99 -0.01	23.07 1.02 0.00	24.03 1.08 0.00	24.76 1.11 0.00	24.76 1.11 0.00	25.13 1.22 0.00	25.88 1.26 0.00	32.25 1.29 -5.11	36.62 1.31 -9.05	36.09 1.35 -8.31	34.30 1.40 -6.53	31.92 1.45 -3.64	29.64 1.42 -2.34	26.40 1.42 0.00	25.92 1.26 0.00
CRICKET__VALLEY_CC1 323756	24.81 0.91 -4.84	22.30 0.78 -5.67	19.64 0.77 -3.06	18.78 0.77 -2.21	18.90 0.77 -2.33	18.09 0.77 -1.51	19.71 0.77 -3.15	20.27 0.81 -3.62	20.98 1.01 -1.83	22.55 1.13 -0.01	23.23 1.17 0.00	24.21 1.26 0.00	25.00 1.35 0.00	25.00 1.35 0.00	25.44 1.53 0.00	26.30 1.68 0.00	30.10 1.78 -2.48	35.49 1.81 -7.43	35.05 1.80 -6.82	33.47 1.74 -5.36	31.56 1.74 -2.99	29.43 1.63 -1.92	26.53 1.55 0.00	25.95 1.28 0.00
CRICKET__VALLEY_CC2 323757	24.81 0.91 -4.84	22.30 0.78 -5.67	19.64 0.77 -3.06	18.78 0.77 -2.21	18.90 0.77 -2.33	18.09 0.77 -1.51	19.71 0.77 -3.15	20.27 0.81 -3.62	20.98 1.01 -1.83	22.55 1.13 -0.01	23.23 1.17 0.00	24.21 1.26 0.00	25.00 1.35 0.00	25.00 1.35 0.00	25.44 1.53 0.00	26.30 1.68 0.00	30.10 1.78 -2.48	35.49 1.81 -7.43	35.05 1.80 -6.82	33.47 1.74 -5.36	31.56 1.74 -2.99	29.43 1.63 -1.92	26.53 1.55 0.00	25.95 1.28 0.00
CRICKET__VALLEY_CC3 323758	24.81 0.91 -4.84	22.30 0.78 -5.67	19.64 0.77 -3.06	18.78 0.77 -2.21	18.90 0.77 -2.33	18.09 0.77 -1.51	19.71 0.77 -3.15	20.27 0.81 -3.62	20.98 1.01 -1.83	22.55 1.13 -0.01	23.23 1.17 0.00	24.21 1.26 0.00	25.00 1.35 0.00	25.00 1.35 0.00	25.44 1.53 0.00	26.30 1.68 0.00	30.10 1.78 -2.48	35.49 1.81 -7.43	35.05 1.80 -6.82	33.47 1.74 -5.36	31.56 1.74 -2.99	29.43 1.63 -1.92	26.53 1.55 0.00	25.95 1.28 0.00
CRUCIBLE__METL_DRP 24180	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	16.01 0.03 -0.18	16.04 0.05 -0.19	15.98 0.05 -0.13	16.05 0.00 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.47 0.06 0.00	22.15 0.09 0.00	23.07 0.11 0.00	23.74 0.09 0.00	23.70 0.05 0.00	23.91 0.00 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.89 0.22 0.00
DAHOWA__HYDRO 323763	26.21 1.16 -6.00	23.83 0.95 -7.02	20.51 0.92 -3.79	19.43 0.90 -2.74	19.57 0.88 -2.89	18.59 0.92 -1.87	20.58 0.90 -3.90	21.22 0.90 -4.48	21.51 1.11 -2.27	22.74 1.33 -0.01	23.38 1.32 0.00	24.38 1.42 0.00	25.00 1.35 0.00	25.02 1.37 0.00	25.42 1.51 0.00	26.20 1.58 0.00	32.72 1.66 -5.23	37.13 1.68 -9.20	36.73 1.85 -8.44	34.96 1.95 -6.63	32.60 2.07 -3.70	30.30 2.04 -2.38	26.93 1.95 0.00	26.44 1.78 0.00
DANC__LFGE 323619	19.06 -0.25 -0.25	15.93 -0.22 -0.30	15.70 -0.27 -0.16	15.61 -0.30 -0.12	15.63 -0.28 -0.12	15.57 -0.32 -0.08	15.62 -0.33 -0.16	15.67 -0.36 -0.19	17.83 -0.40 -0.10	21.11 -0.30 0.00	21.73 -0.33 0.00	22.58 -0.37 0.00	23.18 -0.47 0.00	23.22 -0.42 0.00	23.46 -0.46 0.00	24.08 -0.54 0.00	25.47 -0.59 -0.23	26.09 -0.55 -0.39	26.37 -0.42 -0.36	26.39 -0.26 -0.28	26.72 -0.27 -0.16	25.74 -0.23 -0.10	24.83 -0.15 0.00	24.54 -0.12 0.00
DANSKAMMER__1 23586	24.78 1.18 -4.54	22.13 0.95 -5.32	19.61 0.93 -2.87	18.77 0.90 -2.07	18.90 0.92 -2.19	18.14 0.92 -1.42	19.66 0.92 -2.95	20.19 0.95 -3.39	21.07 1.22 -1.72	22.85 1.43 -0.01	23.54 1.48 0.00	24.51 1.56 0.00	25.30 1.65 0.00	25.33 1.68 0.00	25.83 1.91 0.00	26.74 2.12 0.00	32.34 2.33 -4.17	35.59 2.36 -6.97	35.21 2.38 -6.40	33.67 2.27 -5.03	31.89 2.25 -2.80	29.77 2.09 -1.80	26.95 1.97 0.00	26.34 1.68 0.00
DANSKAMMER__2 23589	24.78 1.18 -4.54	22.13 0.95 -5.32	19.61 0.93 -2.87	18.77 0.90 -2.07	18.90 0.92 -2.19	18.14 0.92 -1.42	19.66 0.92 -2.95	20.19 0.95 -3.39	21.07 1.22 -1.72	22.85 1.43 -0.01	23.54 1.48 0.00	24.51 1.56 0.00	25.30 1.65 0.00	25.33 1.68 0.00	25.83 1.91 0.00	26.74 2.12 0.00	32.34 2.33 -4.17	35.59 2.36 -6.97	35.21 2.38 -6.40	33.67 2.27 -5.03	31.89 2.25 -2.80	29.77 2.09 -1.80	26.95 1.97 0.00	26.34 1.68 0.00
DANSKAMMER__3 23590	24.78 1.18 -4.54	22.13 0.95 -5.32	19.61 0.93 -2.87	18.77 0.90 -2.07	18.90 0.92 -2.19	18.14 0.92 -1.42	19.66 0.92 -2.95	20.19 0.95 -3.39	21.07 1.22 -1.72	22.85 1.43 -0.01	23.54 1.48 0.00	24.51 1.56 0.00	25.30 1.65 0.00	25.33 1.68 0.00	25.83 1.91 0.00	26.74 2.12 0.00	32.34 2.33 -4.17	35.59 2.36 -6.97	35.21 2.38 -6.40	33.67 2.27 -5.03	31.89 2.25 -2.80	29.77 2.09 -1.80	26.95 1.97 0.00	26.34 1.68 0.00

DANSKAMMER___4 23591	24.78 1.18 -4.54	22.13 0.95 -5.32	19.61 0.93 -2.87	18.77 0.90 -2.07	18.90 0.92 -2.19	18.14 0.92 -1.42	19.66 0.92 -2.95	20.19 0.95 -3.39	21.07 1.22 -1.72	22.85 1.43 -0.01	23.54 1.48 0.00	24.51 1.56 0.00	25.30 1.65 0.00	25.33 1.68 0.00	25.83 1.91 0.00	26.74 2.12 0.00	32.34 2.33 -4.17	35.59 2.36 -6.97	35.21 2.38 -6.40	33.67 2.27 -5.03	31.89 2.25 -2.80	29.77 2.09 -1.80	26.95 1.97 0.00	26.34 1.68 0.00
DANSKAMMER___DIESEL 23592	24.77 1.18 -4.54	22.13 0.95 -5.32	19.61 0.93 -2.87	18.83 0.96 -2.07	18.96 0.98 -2.19	18.20 0.98 -1.42	19.69 0.95 -2.95	20.19 0.95 -3.39	21.07 1.21 -1.72	22.96 1.54 -0.01	23.56 1.50 0.00	24.51 1.56 0.00	25.30 1.66 0.00	25.37 1.73 0.00	25.80 1.89 0.00	26.77 2.14 0.00	32.34 2.33 -4.17	35.59 2.36 -6.97	35.21 2.38 -6.40	33.67 2.27 -5.03	31.89 2.25 -2.80	29.77 2.10 -1.80	26.95 1.97 0.00	26.37 1.70 0.00
DARBY___SOLAR 323810	26.14 1.10 -5.98	23.76 0.90 -7.00	20.46 0.87 -3.78	19.38 0.85 -2.73	19.51 0.84 -2.88	18.54 0.87 -1.86	20.53 0.85 -3.89	21.17 0.85 -4.47	21.45 1.05 -2.26	22.68 1.26 -0.01	23.32 1.26 0.00	24.31 1.35 0.00	24.97 1.32 0.00	24.97 1.32 0.00	25.37 1.46 0.00	26.15 1.53 0.00	32.63 1.58 -5.21	37.03 1.60 -9.18	36.60 1.74 -8.42	34.81 1.82 -6.62	32.45 1.93 -3.69	30.16 1.91 -2.38	26.80 1.82 0.00	26.34 1.68 0.00
DASHVILLE___HYD 23610	24.55 0.76 -4.74	22.00 0.60 -5.54	19.39 0.59 -2.99	18.56 0.60 -2.16	18.69 0.62 -2.28	17.90 0.62 -1.48	19.47 0.60 -3.08	20.00 0.62 -3.54	20.76 0.83 -1.79	22.70 1.28 -0.01	23.29 1.24 0.00	24.24 1.29 0.00	25.02 1.37 0.00	25.04 1.40 0.00	25.47 1.55 0.00	26.42 1.80 0.00	31.92 1.78 -4.30	35.36 1.84 -7.27	34.93 1.82 -6.67	33.30 1.69 -5.24	31.39 1.64 -2.92	29.28 1.53 -1.88	26.63 1.65 0.00	26.07 1.41 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.34 2.13 -14.16	33.09 1.74 -15.48	28.42 1.82 -10.79	24.73 1.88 -7.06	25.18 1.91 -7.47	24.95 1.91 -7.23	25.30 1.91 -7.61	27.97 1.92 -10.21	30.41 2.28 -9.99	32.78 2.68 -8.69	33.28 2.80 -8.42	34.52 2.98 -8.58	37.86 3.15 -11.07	38.11 3.26 -11.20	40.04 3.40 -12.73	47.22 3.74 -18.85	45.09 3.98 -15.28	52.50 4.02 -22.23	42.65 3.96 -12.25	41.63 3.74 -11.52	42.37 3.51 -12.02	37.75 3.26 -8.62	35.70 2.97 -7.75	33.91 2.64 -6.61
DELAWARE___LFGE 323621	21.49 0.63 -1.81	18.47 0.49 -2.11	17.41 0.46 -1.14	17.14 0.52 -0.83	17.20 0.54 -0.87	16.90 0.54 -0.56	17.48 0.52 -1.17	17.67 0.48 -1.35	19.43 0.62 -0.68	22.22 0.81 0.00	22.88 0.82 0.00	23.87 0.92 0.00	24.59 0.95 0.00	24.64 0.99 0.00	24.99 1.08 0.00	25.81 1.18 0.00	28.67 1.21 -1.62	30.29 1.26 -2.77	30.25 1.27 -2.55	29.61 1.24 -2.00	29.18 1.23 -1.12	27.75 1.16 -0.72	26.13 1.15 0.00	25.72 1.06 0.00
DERFIELD_115KV_TB7 355931	19.18 0.13 0.00	15.97 0.11 0.00	15.91 0.09 0.00	15.92 0.13 0.00	15.92 0.13 0.00	15.93 0.13 0.00	15.91 0.13 0.00	15.94 0.10 0.00	18.26 0.13 0.00	21.58 0.17 0.00	22.24 0.18 0.00	23.16 0.21 0.00	23.86 0.21 0.00	23.86 0.21 0.00	24.15 0.24 0.00	24.87 0.25 0.00	26.10 0.26 0.00	26.52 0.26 0.00	26.70 0.26 0.00	26.64 0.26 0.00	27.10 0.27 0.00	26.13 0.26 0.00	25.26 0.27 0.00	24.91 0.25 0.00
DOGLEVILLE___HYD 23807	19.15 0.10 0.00	15.96 0.10 0.00	15.92 0.11 0.00	15.89 0.10 0.00	15.91 0.11 0.00	15.90 0.10 0.00	15.88 0.10 0.00	15.91 0.06 0.00	18.24 0.11 0.00	21.58 0.17 0.00	22.26 0.20 0.00	23.18 0.23 0.00	23.88 0.24 0.00	23.88 0.24 0.00	24.18 0.26 0.00	24.85 0.22 0.00	26.02 0.18 0.00	26.44 0.19 0.00	26.62 0.19 0.00	26.58 0.21 0.00	27.02 0.19 0.00	26.08 0.21 0.00	25.21 0.22 0.00	24.91 0.25 0.00
DUNKIRK___115KV_TB_200 55889	18.70 -1.05 -0.70	15.76 -0.92 -0.82	15.15 -1.11 -0.44	15.61 -0.51 -0.32	15.63 -0.51 -0.34	15.45 -0.57 -0.22	15.55 -0.69 -0.46	15.31 -1.06 -0.52	17.24 -1.16 -0.26	20.34 -1.07 0.00	21.11 -0.95 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.65 -0.99 0.00	23.03 -0.88 0.00	24.16 -0.47 0.00	25.67 -0.80 -0.63	26.54 -0.79 -1.08	26.63 -0.79 -0.99	26.44 -0.71 -0.78	26.62 -0.64 -0.43	25.45 -0.70 -0.28	24.63 -0.35 0.00	24.52 -0.15 0.00
DUNKIRK___1 23563	18.70 -1.05 -0.70	15.76 -0.92 -0.82	15.15 -1.11 -0.44	15.61 -0.51 -0.32	15.63 -0.51 -0.34	15.45 -0.57 -0.22	15.55 -0.69 -0.46	15.31 -1.06 -0.52	17.24 -1.16 -0.26	20.34 -1.07 0.00	21.11 -0.95 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.65 -0.99 0.00	23.03 -0.88 0.00	24.16 -0.47 0.00	25.67 -0.80 -0.63	26.54 -0.79 -1.08	26.63 -0.79 -0.99	26.44 -0.71 -0.78	26.62 -0.64 -0.43	25.45 -0.70 -0.28	24.63 -0.35 0.00	24.52 -0.15 0.00
DUNKIRK___2 23564	18.70 -1.05 -0.70	15.76 -0.92 -0.82	15.15 -1.11 -0.44	15.61 -0.51 -0.32	15.63 -0.51 -0.34	15.45 -0.57 -0.22	15.55 -0.69 -0.46	15.31 -1.06 -0.52	17.24 -1.16 -0.26	20.34 -1.07 0.00	21.11 -0.95 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.65 -0.99 0.00	23.03 -0.88 0.00	24.16 -0.47 0.00	25.67 -0.80 -0.63	26.54 -0.79 -1.08	26.63 -0.79 -0.99	26.44 -0.71 -0.78	26.62 -0.64 -0.43	25.45 -0.70 -0.28	24.63 -0.35 0.00	24.52 -0.15 0.00
DUNKIRK___3 23565	18.70 -1.05 -0.70	15.76 -0.92 -0.82	15.14 -1.11 -0.44	15.64 -0.47 -0.32	15.66 -0.47 -0.34	15.48 -0.54 -0.22	15.58 -0.66 -0.45	15.32 -1.05 -0.52	17.26 -1.14 -0.26	20.36 -1.05 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.65 -0.99 0.00	23.03 -0.88 0.00	24.11 -0.52 0.00	25.61 -0.85 -0.62	26.46 -0.87 -1.07	26.57 -0.85 -0.98	26.35 -0.79 -0.77	26.51 -0.75 -0.43	25.37 -0.78 -0.28	24.56 -0.42 0.00	24.47 -0.20 0.00
DUNKIRK___4 23566	18.70 -1.05 -0.70	15.76 -0.92 -0.82	15.14 -1.11 -0.44	15.64 -0.47 -0.32	15.66 -0.47 -0.34	15.48 -0.54 -0.22	15.58 -0.66 -0.45	15.32 -1.05 -0.52	17.26 -1.14 -0.26	20.36 -1.05 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.65 -0.99 0.00	23.03 -0.88 0.00	24.11 -0.52 0.00	25.61 -0.85 -0.62	26.46 -0.87 -1.07	26.57 -0.85 -0.98	26.35 -0.79 -0.77	26.51 -0.75 -0.43	25.37 -0.78 -0.28	24.56 -0.42 0.00	24.47 -0.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.82 1.26 -4.51	22.14 1.00 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.76 1.04 -2.93	20.32 1.11 -3.37	21.22 1.38 -1.71	23.17 1.76 -0.01	23.80 1.74 0.00	24.81 1.86 0.00	25.63 1.99 0.00	25.73 2.08 0.00	26.06 2.15 0.00	27.06 2.44 0.00	32.68 2.66 -4.18	35.86 2.68 -6.92	35.43 2.64 -6.36	33.84 2.48 -4.99	32.06 2.44 -2.78	29.94 2.28 -1.79	27.08 2.10 0.00	26.44 1.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.46 1.05 -4.36	21.80 0.84 -5.10	19.39 0.82 -2.75	18.64 0.85 -1.99	18.76 0.87 -2.10	18.05 0.88 -1.36	19.46 0.84 -2.83	19.95 0.86 -3.25	20.87 1.09 -1.65	22.81 1.39 -0.01	23.43 1.37 0.00	24.38 1.42 0.00	25.16 1.51 0.00	25.23 1.58 0.00	25.63 1.72 0.00	26.57 1.95 0.00	31.96 2.12 -4.01	35.09 2.15 -6.69	34.74 2.17 -6.14	33.25 2.06 -4.82	31.53 2.01 -2.69	29.49 1.89 -1.73	26.75 1.77 0.00	26.17 1.50 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.74 1.18 -4.51	22.08 0.94 -5.28	19.61 0.95 -2.85	18.84 0.98 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.70 0.98 -2.93	20.29 1.08 -3.37	21.20 1.36 -1.71	23.17 1.76 -0.01	23.80 1.74 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.75 2.10 0.00	26.14 2.22 0.00	27.16 2.54 0.00	32.85 2.82 -4.19	35.99 2.81 -6.92	35.59 2.80 -6.36	33.95 2.58 -4.99	32.14 2.52 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.39 1.73 0.00
E179THST_13_KV_LOAD 356214	24.84 1.28 -4.51	22.14 1.00 -5.28	19.69 1.03 -2.85	18.90 1.04 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.76 1.04 -2.93	20.35 1.14 -3.37	21.27 1.43 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.89 2.25 0.00	26.26 2.34 0.00	27.29 2.66 0.00	33.00 2.97 -4.19	36.15 2.97 -6.92	35.72 2.93 -6.36	34.11 2.74 -4.99	32.30 2.68 -2.78	30.12 2.46 -1.79	27.23 2.25 0.00	26.51 1.85 0.00
EAST HAMPTON___GT 23717	35.51 2.30 -14.16	33.24 1.90 -15.48	28.57 1.98 -10.79	24.79 1.94 -7.06	25.24 1.97 -7.47	25.03 1.99 -7.23	25.35 1.96 -7.61	28.15 2.09 -10.21	30.53 2.41 -9.99	32.88 2.78 -8.69	33.54 3.07 -8.42	34.82 3.28 -8.58	38.15 3.43 -11.07	38.32 3.48 -11.20	40.35 3.71 -12.73	47.51 4.04 -18.85	45.40 4.26 -15.30	52.78 4.25 -22.27	42.84 4.12 -12.29	41.71 3.82 -11.52	42.37 3.51 -12.02	37.72 3.23 -8.62	35.67 2.95 -7.75	33.81 2.54 -6.61
EAST RIVER___6 23660	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.76 1.04 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.08 1.67 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.82 2.17 0.00	26.28 2.37 0.00	27.29 2.66 0.00	32.95 2.89 -4.22	36.16 2.94 -6.97	35.73 2.91 -6.39	34.08 2.72 -4.99	32.24 2.63 -2.78	30.10 2.43 -1.79	27.23 2.25 0.00	26.54 1.87 0.00
EAST RIVER___7 23524	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.76 1.04 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.08 1.67 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.82 2.17 0.00	26.28 2.37 0.00	27.29 2.66 0.00	32.95 2.89 -4.22	36.16 2.94 -6.97	35.73 2.91 -6.39	34.08 2.72 -4.99	32.24 2.63 -2.78	30.10 2.43 -1.79	27.23 2.25 0.00	26.54 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.75 1.20 -4.50	22.10 0.97 -5.27	19.62 0.96 -2.84	18.85 1.00 -2.06	18.97 1.01 -2.17	18.22 1.01 -1.40	19.71 0.99 -2.93	20.27 1.06 -3.36	21.16 1.32 -1.70	23.11 1.69 -0.01	23.74 1.68 0.00	24.74 1.79 0.00	25.54 1.89 0.00	25.63 1.99 0.00	25.99 2.08 0.00	26.99 2.36 0.00	32.57 2.56 -4.17	35.74 2.57 -6.91	35.34 2.56 -6.34	33.76 2.40 -4.98	31.97 2.36 -2.78	29.86 2.20 -1.79	27.00 2.02 0.00	26.39 1.73 0.00
EAST_HAMPTON___DIESEL 23722	35.51 2.30 -14.16	33.24 1.90 -15.48	28.57 1.98 -10.79	24.79 1.94 -7.06	25.24 1.97 -7.47	25.03 1.99 -7.23	25.35 1.96 -7.61	28.15 2.09 -10.21	30.52 2.39 -9.99	32.88 2.78 -8.69	33.52 3.05 -8.42	34.82 3.28 -8.58	38.15 3.43 -11.07	38.30 3.45 -11.20	40.32 3.68 -12.73	47.49 4.02 -18.85	45.35 4.21 -15.30	52.73 4.20 -22.27	42.82 4.10 -12.29	41.66 3.77 -11.52	42.31 3.46 -12.02	37.67 3.18 -8.62	35.60 2.87 -7.75	33.74 2.47 -6.61
EAST_POINT___SOLAR 323840	27.15 1.45 -6.65	24.77 1.13 -7.78	21.07 1.06 -4.20	19.86 1.03 -3.04	20.01 1.01 -3.20	18.86 0.98 -2.07	20.92 0.80 -4.32	21.54 0.73 -4.97	21.34 0.69 -2.51	21.89 0.47 -0.01	22.74 0.68 0.00	24.05 1.10 0.00	24.90 1.25 0.00	24.90 1.25 0.00	25.44 1.53 0.00	26.30 1.68 0.00	33.37 1.66 -5.87	38.53 2.07 -10.21	38.15 2.35 -9.37	36.29 2.56 -7.36	33.59 2.66 -4.11	31.10 2.59 -2.64	27.48 2.50 0.00	26.93 2.27 0.00
EAST_PULASKI___ESR 323781	19.13 -0.21 -0.29	16.01 -0.19 -0.34	15.76 -0.24 -0.18	15.66 -0.27 -0.13	15.67 -0.27 -0.14	15.61 -0.28 -0.09	15.68 -0.30 -0.19	15.78 -0.28 -0.22	17.95 -0.29 -0.11	21.21 -0.19 0.00	21.84 -0.22 0.00	22.70 -0.25 0.00	23.34 -0.31 0.00	23.37 -0.28 0.00	23.58 -0.33 0.00	24.23 -0.39 0.00	25.66 -0.44 -0.26	26.25 -0.45 -0.45	26.47 -0.37 -0.41	26.40 -0.29 -0.32	26.71 -0.29 -0.18	25.75 -0.23 -0.12	24.81 -0.17 0.00	24.57 -0.10 0.00
EAST_RIVER___1 323558	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.87 1.01 -2.06	18.99 1.03 -2.17	18.25 1.04 -1.41	19.76 1.04 -2.93	20.39 1.17 -3.37	21.31 1.47 -1.71	23.13 1.71 -0.01	23.91 1.85 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.82 2.17 0.00	26.26 2.34 0.00	27.29 2.66 0.00	32.92 2.87 -4.22	36.13 2.91 -6.97	35.71 2.88 -6.39	34.06 2.69 -4.99	32.22 2.60 -2.78	30.10 2.43 -1.79	27.20 2.22 0.00	26.54 1.87 0.00
EAST_RIVER___2 323559	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.76 1.04 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.08 1.67 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.82 2.17 0.00	26.28 2.37 0.00	27.29 2.66 0.00	32.95 2.89 -4.22	36.16 2.94 -6.97	35.73 2.91 -6.39	34.08 2.72 -4.99	32.24 2.63 -2.78	30.10 2.43 -1.79	27.23 2.25 0.00	26.54 1.87 0.00
EAST___DELAWARE_HYD 23607	23.63 0.55 -4.03	20.99 0.41 -4.71	18.75 0.40 -2.54	18.00 0.36 -1.84	18.11 0.38 -1.94	17.45 0.40 -1.26	18.77 0.36 -2.62	19.23 0.38 -3.01	20.22 0.56 -1.52	22.10 0.68 -0.01	22.74 0.68 0.00	23.69 0.73 0.00	24.45 0.80 0.00	23.86 0.21 0.00	24.32 0.41 0.00	25.19 0.57 0.00	30.25 0.72 -3.69	33.20 0.76 -6.18	32.87 0.77 -5.67	31.51 0.68 -4.46	29.96 0.64 -2.49	28.69 1.22 -1.60	26.13 1.15 0.00	25.55 0.89 0.00
EIGHT_POINT___WT_PWR 323820	19.12 -0.80 -0.87	16.12 -0.76 -1.02	15.48 -0.89 -0.55	15.26 -0.93 -0.40	15.31 -0.90 -0.42	15.16 -0.92 -0.27	15.49 -0.87 -0.57	15.69 -0.81 -0.65	17.52 -0.94 -0.33	20.66 -0.75 0.00	21.24 -0.82 0.00	22.01 -0.94 0.00	22.63 -1.02 0.00	22.68 -0.97 0.00	23.03 -0.88 0.00	24.04 -0.59 0.00	25.82 -0.80 -0.78	26.80 -0.79 -1.34	26.92 -0.74 -1.23	26.52 -0.82 -0.96	26.51 -0.86 -0.54	25.65 -0.57 -0.35	24.66 -0.33 0.00	24.57 -0.10 0.00
ELBRIDGE_115KV_TB2 80188	19.39 -0.10 -0.44	16.26 -0.11 -0.51	15.93 -0.16 -0.28	15.98 -0.02 -0.20	15.99 -0.02 -0.21	15.92 -0.02 -0.14	16.02 -0.05 -0.28	16.04 -0.13 -0.33	18.21 -0.09 -0.16	21.34 -0.06 0.00	22.04 -0.02 0.00	22.93 -0.02 0.00	23.60 -0.05 0.00	23.58 -0.07 0.00	23.79 -0.12 0.00	24.55 -0.07 0.00	26.15 -0.08 -0.39	26.84 -0.08 -0.67	26.99 -0.05 -0.61	26.78 -0.08 -0.48	27.02 -0.08 -0.27	26.02 -0.03 -0.17	24.96 -0.02 0.00	24.79 0.12 0.00
ELEC_TRO_TEK 24086	34.69 1.49 -14.16	32.55 1.21 -15.48	27.78 1.19 -10.79	24.08 1.23 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.63 1.23 -7.61	27.34 1.28 -10.21	29.72 1.60 -9.99	32.11 2.01 -8.69	32.51 2.03 -8.42	33.69 2.16 -8.58	37.01 2.29 -11.07	37.21 2.36 -11.20	39.11 2.46 -12.73	46.23 2.76 -18.85	44.09 2.97 -15.28	51.48 2.99 -22.23	41.64 2.96 -12.25	40.71 2.82 -11.52	41.64 2.79 -12.02	37.10 2.61 -8.62	35.15 2.42 -7.75	33.39 2.12 -6.61

ELLENBURG_WT_PWR 323604	18.52 -0.53 0.00	15.40 -0.46 0.00	15.34 -0.47 0.00	15.29 -0.51 0.00	15.26 -0.54 0.00	15.23 -0.57 0.00	15.24 -0.55 0.00	15.24 -0.60 0.00	17.37 -0.76 0.00	20.32 -1.09 0.00	20.96 -1.10 0.00	21.76 -1.19 0.00	22.39 -1.25 0.00	22.35 -1.30 0.00	22.43 -1.48 0.00	23.05 -1.58 0.00	24.16 -1.68 0.00	24.52 -1.73 0.00	24.72 -1.72 0.00	24.66 -1.71 0.00	25.14 -1.69 0.00	24.24 -1.63 0.00	23.36 -1.62 0.00	23.13 -1.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.68 -1.03 -0.66	15.73 -0.90 -0.77	15.15 -1.08 -0.42	15.73 -0.36 -0.30	15.77 -0.35 -0.32	15.61 -0.40 -0.21	15.67 -0.55 -0.43	15.32 -1.01 -0.49	17.26 -1.12 -0.25	20.27 -1.13 0.00	21.07 -0.99 0.00	22.06 -0.90 0.00	22.68 -0.97 0.00	22.54 -1.11 0.00	22.91 -1.00 0.00	23.96 -0.66 0.00	25.50 -0.93 -0.59	26.32 -0.95 -1.02	26.39 -0.98 -0.93	26.21 -0.90 -0.73	26.35 -0.89 -0.41	25.26 -0.88 -0.26	24.36 -0.62 0.00	24.32 -0.35 0.00
EMPIRE_CC_1 323656	25.40 0.78 -5.57	23.05 0.67 -6.52	19.98 0.65 -3.52	18.99 0.65 -2.54	19.13 0.65 -2.68	18.17 0.63 -1.74	20.04 0.63 -3.62	20.62 0.62 -4.16	20.98 0.74 -2.11	22.23 0.81 -0.01	22.90 0.84 0.00	23.87 0.92 0.00	24.62 0.97 0.00	24.59 0.95 0.00	24.99 1.08 0.00	25.71 1.08 0.00	31.71 1.11 -4.76	35.93 1.13 -8.55	35.42 1.14 -7.85	33.70 1.16 -6.17	31.48 1.21 -3.44	29.25 1.17 -2.21	26.20 1.22 0.00	25.75 1.08 0.00
EMPIRE_CC_2 323658	25.40 0.78 -5.57	23.05 0.67 -6.52	19.98 0.65 -3.52	18.99 0.65 -2.54	19.13 0.65 -2.68	18.17 0.63 -1.74	20.04 0.63 -3.62	20.62 0.62 -4.16	20.98 0.74 -2.11	22.23 0.81 -0.01	22.90 0.84 0.00	23.87 0.92 0.00	24.62 0.97 0.00	24.59 0.95 0.00	24.99 1.08 0.00	25.71 1.08 0.00	31.71 1.11 -4.76	35.93 1.13 -8.55	35.42 1.14 -7.85	33.70 1.16 -6.17	31.48 1.21 -3.44	29.25 1.17 -2.21	26.20 1.22 0.00	25.75 1.08 0.00
ENORWICH_115KV_TB1 80156	21.44 1.07 -1.32	18.23 0.82 -1.55	17.34 0.70 -0.84	17.22 0.82 -0.60	17.25 0.82 -0.64	17.02 0.81 -0.41	17.44 0.79 -0.86	17.43 0.60 -0.99	19.40 0.76 -0.50	22.42 1.01 0.00	23.10 1.04 0.00	24.12 1.17 0.00	24.85 1.21 0.00	24.97 1.32 0.00	25.30 1.39 0.00	26.13 1.50 0.00	28.55 1.52 -1.19	29.86 1.58 -2.03	30.04 1.74 -1.86	29.74 1.90 -1.46	29.58 1.93 -0.82	28.18 1.79 -0.53	26.88 1.90 0.00	26.59 1.92 0.00
ERIE_ST_34_KV_TB1-2 80199	18.54 -1.20 -0.69	15.62 -1.05 -0.80	15.03 -1.22 -0.43	15.54 -0.57 -0.31	15.56 -0.57 -0.33	15.40 -0.62 -0.21	15.48 -0.76 -0.45	15.22 -1.14 -0.51	17.14 -1.25 -0.26	20.47 -0.94 0.00	21.29 -0.77 0.00	22.31 -0.64 0.00	22.94 -0.71 0.00	22.82 -0.83 0.00	23.19 -0.72 0.00	24.31 -0.32 0.00	25.47 -0.98 -0.62	26.28 -1.02 -1.05	26.37 -1.03 -0.97	26.13 -1.00 -0.76	26.26 -0.99 -0.42	25.14 -1.01 -0.27	24.61 -0.37 0.00	24.59 -0.07 0.00
ERIE_WT_PWR 323693	18.76 -0.97 -0.68	15.77 -0.89 -0.79	15.20 -1.04 -0.43	14.97 -1.14 -0.31	14.98 -1.14 -0.33	14.85 -1.17 -0.21	15.12 -1.11 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.81 -0.60 0.00	21.33 -0.73 0.00	22.20 -0.76 0.00	22.82 -0.83 0.00	22.73 -0.92 0.00	23.10 -0.81 0.00	24.13 -0.49 0.00	25.60 -0.85 -0.61	26.40 -0.89 -1.04	26.49 -0.90 -0.96	26.31 -0.82 -0.75	26.44 -0.80 -0.42	25.34 -0.80 -0.27	24.51 -0.48 0.00	24.10 -0.57 0.00
ESPRGFLD_115KV_TB1 80157	19.79 0.97 0.23	16.35 0.76 0.27	16.38 0.71 0.14	16.45 0.76 0.10	16.46 0.77 0.11	16.51 0.77 0.07	16.37 0.73 0.15	16.34 0.67 0.17	18.85 0.80 0.09	22.37 0.96 0.00	23.10 1.04 0.00	24.19 1.24 0.00	24.92 1.28 0.00	25.00 1.35 0.00	25.39 1.48 0.00	26.25 1.63 0.00	27.21 1.63 0.26	27.66 1.76 0.35	27.96 1.85 0.32	28.05 1.93 0.25	28.65 1.96 0.14	27.62 1.84 0.09	26.80 1.82 0.00	26.37 1.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.33 0.30 -0.98	17.23 0.22 -1.15	16.57 0.14 -0.62	16.53 0.28 -0.45	16.55 0.28 -0.47	16.39 0.28 -0.31	16.66 0.24 -0.64	16.75 0.17 -0.73	18.74 0.24 -0.37	21.77 0.36 0.00	22.43 0.38 0.00	23.39 0.44 0.00	24.07 0.43 0.00	24.07 0.43 0.00	24.32 0.41 0.00	25.14 0.52 0.00	27.23 0.52 -0.88	28.33 0.58 -1.50	28.47 0.66 -1.38	28.14 0.69 -1.08	28.10 0.67 -0.60	26.96 0.70 -0.39	25.68 0.70 0.00	25.43 0.76 0.00
ETNA____115KV_TB2 80207	20.33 0.30 -0.98	17.23 0.22 -1.15	16.57 0.14 -0.62	16.53 0.28 -0.45	16.55 0.28 -0.47	16.39 0.28 -0.31	16.66 0.24 -0.64	16.75 0.17 -0.73	18.74 0.24 -0.37	21.77 0.36 0.00	22.43 0.38 0.00	23.39 0.44 0.00	24.07 0.43 0.00	24.07 0.43 0.00	24.32 0.41 0.00	25.14 0.52 0.00	27.23 0.52 -0.88	28.33 0.58 -1.50	28.47 0.66 -1.38	28.14 0.69 -1.08	28.10 0.67 -0.60	26.96 0.70 -0.39	25.68 0.70 0.00	25.43 0.76 0.00
EUCLID____115KV_TB2 356179	19.22 -0.17 -0.34	16.10 -0.16 -0.40	15.82 -0.21 -0.21	15.87 -0.08 -0.15	15.88 -0.08 -0.16	15.83 -0.08 -0.11	15.88 -0.13 -0.22	15.91 -0.19 -0.25	18.10 -0.16 -0.13	21.26 -0.15 0.00	21.93 -0.13 0.00	22.84 -0.11 0.00	23.51 -0.14 0.00	23.46 -0.19 0.00	23.70 -0.22 0.00	24.43 -0.20 0.00	25.94 -0.21 -0.30	26.54 -0.24 -0.52	26.70 -0.21 -0.48	26.53 -0.21 -0.37	26.80 -0.24 -0.21	25.83 -0.18 -0.13	24.81 -0.17 0.00	24.64 -0.02 0.00
E_CANADA_CAP_HY 24051	27.22 1.28 -6.89	24.91 0.98 -8.07	21.08 0.92 -4.35	19.83 0.88 -3.15	20.00 0.88 -3.32	18.84 0.88 -2.15	21.07 0.80 -4.48	21.80 0.81 -5.15	21.65 0.91 -2.60	22.38 0.96 -0.01	23.14 1.08 0.00	24.31 1.35 0.00	25.07 1.42 0.00	25.09 1.44 0.00	25.56 1.65 0.00	26.40 1.77 0.00	33.67 1.73 -6.10	38.77 1.94 -10.58	38.26 2.12 -9.71	36.24 2.24 -7.63	33.39 2.31 -4.25	30.84 2.23 -2.74	27.20 2.22 0.00	26.66 2.00 0.00
E_CANADA_MHWK_HY 24050	19.15 0.10 0.00	15.96 0.10 0.00	15.92 0.11 0.00	15.89 0.10 0.00	15.91 0.11 0.00	15.90 0.10 0.00	15.88 0.10 0.00	15.91 0.06 0.00	18.24 0.11 0.00	21.58 0.17 0.00	22.26 0.20 0.00	23.18 0.23 0.00	23.88 0.24 0.00	23.88 0.24 0.00	24.18 0.26 0.00	24.85 0.22 0.00	26.02 0.18 0.00	26.44 0.19 0.00	26.62 0.19 0.00	26.58 0.21 0.00	27.02 0.19 0.00	26.08 0.21 0.00	25.21 0.22 0.00	24.91 0.25 0.00
E_FISHKILL____LBMP 23776	24.75 1.03 -4.67	22.17 0.84 -5.47	19.58 0.82 -2.95	18.80 0.87 -2.13	18.93 0.88 -2.25	18.14 0.88 -1.46	19.69 0.87 -3.04	20.22 0.89 -3.49	21.01 1.11 -1.77	22.81 1.39 -0.01	23.45 1.39 0.00	24.42 1.47 0.00	25.21 1.56 0.00	25.28 1.63 0.00	25.68 1.77 0.00	26.62 1.99 0.00	32.31 2.14 -4.32	35.60 2.18 -7.17	35.18 2.17 -6.58	33.60 2.06 -5.17	31.72 2.01 -2.88	29.62 1.89 -1.86	26.75 1.77 0.00	26.17 1.50 0.00
FALCON____SEABRD_CC1 323796	18.65 -0.40 0.00	15.51 -0.35 0.00	15.45 -0.36 0.00	15.40 -0.39 0.00	15.37 -0.43 0.00	15.36 -0.44 0.00	15.36 -0.43 0.00	15.38 -0.46 0.00	17.52 -0.62 0.00	20.47 -0.94 0.00	21.11 -0.95 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.51 -1.13 0.00	22.60 -1.32 0.00	23.22 -1.40 0.00	24.34 -1.50 0.00	24.68 -1.57 0.00	24.87 -1.56 0.00	24.84 -1.53 0.00	25.35 -1.48 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.28 -1.38 0.00

FALCON___SEABRD_CC2 323797	18.65 -0.40 0.00	15.51 -0.35 0.00	15.45 -0.36 0.00	15.40 -0.39 0.00	15.37 -0.43 0.00	15.36 -0.44 0.00	15.36 -0.43 0.00	15.38 -0.46 0.00	17.52 -0.62 0.00	20.47 -0.94 0.00	21.11 -0.95 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.51 -1.13 0.00	22.60 -1.32 0.00	23.22 -1.40 0.00	24.34 -1.50 0.00	24.68 -1.57 0.00	24.87 -1.56 0.00	24.84 -1.53 0.00	25.35 -1.48 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.28 -1.38 0.00
FAR ROCKAWAY___4 23548	34.98 1.77 -14.16	32.77 1.43 -15.48	28.00 1.41 -10.79	24.29 1.44 -7.06	24.74 1.47 -7.47	24.49 1.45 -7.23	24.82 1.42 -7.61	27.55 1.49 -10.21	29.97 1.85 -9.99	32.43 2.33 -8.69	32.88 2.40 -8.42	34.11 2.57 -8.58	37.44 2.72 -11.07	37.68 2.84 -11.20	39.61 2.97 -12.73	46.78 3.30 -18.85	44.63 3.51 -15.28	52.03 3.54 -22.23	42.20 3.52 -12.25	41.26 3.38 -11.52	42.18 3.33 -12.02	37.62 3.13 -8.62	35.65 2.92 -7.75	33.86 2.59 -6.61
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.90 1.33 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.81 1.09 -2.93	20.39 1.17 -3.37	21.31 1.47 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.89 2.25 0.00	26.26 2.34 0.00	27.29 2.66 0.00	32.92 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.24 2.63 -2.78	30.10 2.43 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.90 1.33 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.09 1.12 -2.17	18.33 1.12 -1.41	19.81 1.09 -2.93	20.40 1.19 -3.37	21.31 1.47 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.89 2.25 0.00	26.26 2.34 0.00	27.29 2.66 0.00	32.92 2.89 -4.19	36.09 2.91 -6.92	35.70 2.91 -6.36	34.08 2.72 -4.99	32.24 2.63 -2.78	30.12 2.46 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.88 1.31 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.81 1.09 -2.93	20.39 1.17 -3.37	21.31 1.47 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.87 2.22 0.00	26.23 2.32 0.00	27.26 2.64 0.00	32.90 2.87 -4.19	36.07 2.89 -6.92	35.67 2.88 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.10 2.43 -1.79	27.20 2.22 0.00	26.54 1.87 0.00
FARRAGUT___LBMP 323566	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.23 2.32 0.00	27.26 2.64 0.00	32.87 2.84 -4.19	36.04 2.86 -6.92	35.64 2.85 -6.36	34.03 2.66 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
FENNER___WINDPWR 24204	20.01 0.38 -0.57	16.82 0.29 -0.67	16.41 0.24 -0.36	16.28 0.22 -0.26	16.29 0.22 -0.28	16.20 0.22 -0.18	16.38 0.22 -0.37	16.49 0.22 -0.43	18.64 0.29 -0.22	21.86 0.45 0.00	22.52 0.46 0.00	23.46 0.50 0.00	24.15 0.50 0.00	24.19 0.54 0.00	24.49 0.57 0.00	25.22 0.59 0.00	26.92 0.57 -0.51	27.74 0.60 -0.88	27.87 0.63 -0.81	27.69 0.68 -0.64	27.88 0.70 -0.35	26.77 0.67 -0.23	25.68 0.70 0.00	25.33 0.67 0.00
FIBERTEK___ENERGY 23856	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	16.01 0.03 -0.18	16.04 0.05 -0.19	15.98 0.05 -0.13	16.05 0.00 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.47 0.06 0.00	22.15 0.09 0.00	23.07 0.11 0.00	23.74 0.09 0.00	23.70 0.05 0.00	23.91 0.00 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.89 0.22 0.00
FITZPATRICK____ 23598	18.87 -0.42 -0.24	15.78 -0.36 -0.28	15.57 -0.39 -0.15	15.50 -0.41 -0.11	15.50 -0.41 -0.12	15.47 -0.41 -0.08	15.54 -0.41 -0.16	15.64 -0.38 -0.18	17.83 -0.40 -0.09	21.00 -0.41 0.00	21.62 -0.44 0.00	22.47 -0.48 0.00	23.13 -0.52 0.00	23.13 -0.52 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.38 -0.67 -0.22	25.94 -0.68 -0.37	26.09 -0.69 -0.34	25.95 -0.69 -0.27	26.28 -0.70 -0.15	25.32 -0.65 -0.10	24.38 -0.60 0.00	24.19 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	35.00 1.79 -14.16	32.80 1.46 -15.48	28.08 1.49 -10.79	24.38 1.53 -7.06	24.81 1.55 -7.47	24.58 1.55 -7.23	24.94 1.55 -7.61	27.64 1.58 -10.21	30.01 1.89 -9.99	32.37 2.27 -8.69	32.77 2.29 -8.42	33.94 2.41 -8.58	37.23 2.51 -11.07	37.45 2.60 -11.20	39.30 2.65 -12.73	46.41 2.93 -18.85	44.27 3.15 -15.28	51.69 3.20 -22.23	41.94 3.25 -12.25	41.05 3.16 -11.52	41.91 3.06 -12.02	37.36 2.87 -8.62	35.40 2.67 -7.75	33.69 2.42 -6.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.84 1.22 -4.57	22.19 0.98 -5.35	19.66 0.96 -2.89	18.88 1.00 -2.09	19.01 1.01 -2.20	18.24 1.01 -1.42	19.74 0.98 -2.97	20.24 0.98 -3.41	21.11 1.25 -1.73	23.00 1.58 -0.01	23.60 1.54 0.00	24.56 1.61 0.00	25.35 1.70 0.00	25.40 1.75 0.00	25.85 1.94 0.00	26.79 2.17 0.00	32.42 2.38 -4.20	35.68 2.42 -7.01	35.30 2.43 -6.43	33.75 2.32 -5.05	31.96 2.31 -2.82	29.83 2.15 -1.81	27.00 2.02 0.00	26.41 1.75 0.00
FORT ORANGE____ 23900	25.64 0.82 -5.77	23.30 0.68 -6.76	20.11 0.65 -3.65	19.08 0.65 -2.64	19.21 0.63 -2.78	18.24 0.63 -1.80	20.17 0.63 -3.75	20.77 0.62 -4.31	20.99 0.67 -2.18	22.10 0.68 -0.01	22.77 0.71 0.00	23.73 0.78 0.00	24.50 0.85 0.00	24.48 0.83 0.00	24.84 0.93 0.00	25.59 0.96 0.00	31.81 0.90 -5.06	36.06 0.94 -8.86	35.54 0.98 -8.13	33.79 1.03 -6.39	31.44 1.05 -3.56	29.25 1.09 -2.29	26.11 1.13 0.00	25.77 1.11 0.00
FORT_DRUM_COGEN 23780	18.96 -0.29 -0.20	15.86 -0.24 -0.23	15.65 -0.28 -0.13	15.62 -0.27 -0.09	15.62 -0.27 -0.10	15.58 -0.28 -0.06	15.60 -0.32 -0.13	15.58 -0.41 -0.15	17.74 -0.47 -0.08	20.96 -0.45 0.00	21.57 -0.49 0.00	22.45 -0.50 0.00	22.99 -0.66 0.00	23.03 -0.61 0.00	23.34 -0.57 0.00	23.94 -0.69 0.00	25.29 -0.72 -0.18	25.88 -0.68 -0.31	26.24 -0.48 -0.28	26.38 -0.21 -0.22	26.76 -0.19 -0.12	25.77 -0.18 -0.08	24.86 -0.12 0.00	24.54 -0.12 0.00
FOX_HILLS___ESR 323835	24.78 1.22 -4.51	22.06 0.92 -5.28	19.59 0.93 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.65 0.93 -2.93	20.26 1.05 -3.37	21.18 1.34 -1.71	23.21 1.80 -0.01	23.85 1.79 0.00	24.88 1.93 0.00	25.73 2.08 0.00	25.87 2.22 0.00	26.26 2.34 0.00	27.29 2.66 0.00	41.72 2.97 -12.91	48.12 2.99 -18.87	43.88 2.96 -14.48	41.40 2.74 -12.28	32.35 2.68 -2.84	30.10 2.43 -1.79	27.18 2.20 0.00	26.46 1.80 0.00
FPL FAR_ROCK_GT1 24212	34.94 1.73 -14.16	32.75 1.41 -15.48	27.99 1.39 -10.79	24.21 1.36 -7.06	24.64 1.37 -7.47	24.41 1.37 -7.23	24.77 1.37 -7.61	27.55 1.49 -10.21	29.95 1.83 -9.99	32.31 2.21 -8.69	32.87 2.38 -8.42	34.11 2.57 -8.59	37.44 2.72 -11.08	37.64 2.79 -11.20	39.64 2.99 -12.74	46.76 3.28 -18.85	44.66 3.51 -15.31	52.08 3.54 -22.28	42.24 3.52 -12.29	41.27 3.38 -11.52	42.18 3.33 -12.03	37.62 3.13 -8.62	35.66 2.92 -7.75	33.84 2.56 -6.62

FPL_FAR_ROCK_GT2 23815	34.94 1.73 -14.16	32.75 1.41 -15.48	27.99 1.39 -10.79	24.21 1.36 -7.06	24.64 1.37 -7.47	24.41 1.37 -7.23	24.77 1.37 -7.61	27.55 1.49 -10.21	29.95 1.83 -9.99	32.31 2.21 -8.69	32.87 2.38 -8.42	34.11 2.57 -8.59	37.44 2.72 -11.08	37.64 2.79 -11.20	39.64 2.99 -12.74	46.76 3.28 -18.85	44.66 3.51 -15.31	52.08 3.54 -22.28	42.24 3.52 -12.29	41.27 3.38 -11.52	42.18 3.33 -12.03	37.62 3.13 -8.62	35.66 2.92 -7.75	33.84 2.56 -6.62
FRANKLIN_FALL_HYD 24054	18.42 -0.63 0.00	15.34 -0.52 0.00	15.29 -0.52 0.00	15.05 -0.74 0.00	15.02 -0.77 0.00	15.06 -0.74 0.00	15.13 -0.66 0.00	15.29 -0.55 0.00	17.39 -0.74 0.00	20.32 -1.09 0.00	20.96 -1.10 0.00	21.71 -1.24 0.00	22.35 -1.30 0.00	22.35 -1.30 0.00	22.57 -1.34 0.00	23.00 -1.63 0.00	24.13 -1.71 0.00	24.49 -1.76 0.00	24.66 -1.77 0.00	24.68 -1.69 0.00	25.19 -1.64 0.00	24.24 -1.63 0.00	23.31 -1.67 0.00	23.01 -1.65 0.00
FREEPORT_EQUS_GT1 23764	34.82 1.62 -14.16	32.64 1.30 -15.48	27.89 1.30 -10.79	24.12 1.26 -7.06	24.55 1.28 -7.47	24.31 1.28 -7.23	24.67 1.28 -7.61	27.47 1.41 -10.21	29.85 1.72 -9.99	32.16 2.06 -8.69	32.68 2.21 -8.42	33.90 2.36 -8.58	37.25 2.53 -11.07	37.40 2.55 -11.20	39.30 2.65 -12.73	46.41 2.93 -18.85	44.29 3.15 -15.30	51.71 3.18 -22.28	41.89 3.17 -12.29	40.90 3.01 -11.52	41.94 3.08 -12.02	37.39 2.90 -8.62	35.40 2.67 -7.75	33.62 2.34 -6.61
FREEPORT___CT2 23818	34.82 1.62 -14.16	32.64 1.30 -15.48	27.89 1.30 -10.79	24.12 1.26 -7.06	24.55 1.28 -7.47	24.31 1.28 -7.23	24.67 1.28 -7.61	27.47 1.41 -10.21	29.85 1.72 -9.99	32.16 2.06 -8.69	32.68 2.21 -8.42	33.90 2.36 -8.58	37.25 2.53 -11.07	37.40 2.55 -11.20	39.30 2.65 -12.73	46.41 2.93 -18.85	44.29 3.15 -15.30	51.71 3.18 -22.28	41.89 3.17 -12.29	40.90 3.01 -11.52	41.94 3.08 -12.02	37.39 2.90 -8.62	35.40 2.67 -7.75	33.62 2.34 -6.61
FRESHKLS_33_KV_LOAD 356253	24.72 1.16 -4.50	22.00 0.87 -5.27	19.55 0.90 -2.84	18.75 0.90 -2.05	18.89 0.93 -2.16	18.12 0.92 -1.40	19.60 0.88 -2.92	20.20 1.00 -3.36	21.14 1.31 -1.70	23.14 1.73 0.00	23.79 1.74 0.01	24.83 1.88 0.01	25.67 2.03 0.01	25.82 2.18 0.01	26.20 2.30 0.01	27.23 2.61 0.01	39.56 2.95 -10.77	42.25 2.97 -13.03	39.88 2.93 -10.51	39.58 2.72 -10.50	32.28 2.63 -2.82	30.04 2.38 -1.78	27.12 2.15 0.01	26.38 1.73 0.01
FULTON COGEN____ 23766	19.18 -0.19 -0.32	16.06 -0.17 -0.37	15.79 -0.22 -0.20	15.83 -0.11 -0.15	15.84 -0.11 -0.15	15.79 -0.11 -0.10	15.85 -0.14 -0.21	15.88 -0.21 -0.24	18.06 -0.20 -0.12	21.24 -0.17 0.00	21.90 -0.15 0.00	22.79 -0.16 0.00	23.46 -0.19 0.00	23.41 -0.24 0.00	23.63 -0.29 0.00	24.33 -0.30 0.00	25.82 -0.31 -0.29	26.43 -0.32 -0.49	26.59 -0.29 -0.45	26.44 -0.29 -0.35	26.73 -0.30 -0.20	25.77 -0.23 -0.13	24.78 -0.20 0.00	24.61 -0.05 0.00
FULTON___LFGE 323630	27.53 1.87 -6.61	25.03 1.43 -7.74	21.33 1.34 -4.18	20.13 1.31 -3.02	20.27 1.30 -3.18	19.22 1.36 -2.06	21.38 1.29 -4.30	22.11 1.33 -4.94	22.30 1.67 -2.50	23.34 1.93 -0.01	24.13 2.07 0.00	25.34 2.39 0.00	26.08 2.44 0.00	26.13 2.48 0.00	26.71 2.80 0.00	27.60 2.98 0.00	34.80 3.13 -5.84	39.66 3.25 -10.15	39.16 3.41 -9.31	37.12 3.43 -7.32	34.40 3.49 -4.08	31.94 3.44 -2.63	28.21 3.22 0.00	27.62 2.96 0.00
G.F.CEMENT___DRP 24184	26.38 1.31 -6.02	23.95 1.05 -7.04	20.62 1.01 -3.80	19.60 1.06 -2.75	19.73 1.04 -2.90	18.75 1.07 -1.88	20.74 1.04 -3.91	21.34 1.00 -4.49	21.66 1.25 -2.27	22.96 1.54 -0.01	23.56 1.50 0.00	24.58 1.63 0.00	25.16 1.51 0.00	25.21 1.56 0.00	25.59 1.67 0.00	26.40 1.77 0.00	32.91 1.81 -5.26	37.33 1.84 -9.24	37.00 2.09 -8.48	35.25 2.22 -6.66	32.93 2.39 -3.71	30.62 2.35 -2.39	27.20 2.22 0.00	26.69 2.02 0.00
GARDENVILLE___LBMP 24039	18.68 -1.05 -0.68	15.75 -0.90 -0.79	15.16 -1.08 -0.43	15.73 -0.38 -0.31	15.74 -0.38 -0.33	15.59 -0.43 -0.21	15.64 -0.58 -0.44	15.32 -1.03 -0.51	17.25 -1.14 -0.26	20.29 -1.11 0.00	21.09 -0.97 0.00	22.10 -0.85 0.00	22.73 -0.92 0.00	22.58 -1.06 0.00	22.98 -0.93 0.00	24.04 -0.59 0.00	25.52 -0.93 -0.61	26.35 -0.95 -1.04	26.43 -0.95 -0.95	26.22 -0.90 -0.75	26.39 -0.86 -0.42	25.26 -0.88 -0.27	24.43 -0.55 0.00	24.37 -0.30 0.00
GARDNVLA_35_KV_LD 355827	18.74 -0.99 -0.68	15.80 -0.86 -0.80	15.21 -1.03 -0.43	15.76 -0.35 -0.31	15.79 -0.33 -0.33	15.62 -0.40 -0.21	15.69 -0.54 -0.44	15.37 -0.98 -0.51	17.32 -1.07 -0.26	20.40 -1.01 0.00	21.20 -0.86 0.00	22.22 -0.73 0.00	22.84 -0.80 0.00	22.70 -0.95 0.00	23.10 -0.81 0.00	24.18 -0.44 0.00	25.65 -0.80 -0.61	26.46 -0.84 -1.04	26.54 -0.85 -0.96	26.33 -0.79 -0.75	26.50 -0.75 -0.42	25.37 -0.78 -0.27	24.53 -0.45 0.00	24.49 -0.17 0.00
GELCKHM___115KV_LOAD 80723	19.30 -0.11 -0.36	16.16 -0.13 -0.42	15.87 -0.17 -0.23	15.91 -0.05 -0.17	15.92 -0.05 -0.17	15.87 -0.05 -0.11	15.94 -0.08 -0.24	15.97 -0.14 -0.27	18.16 -0.11 -0.14	21.32 -0.09 0.00	22.02 -0.04 0.00	22.91 -0.05 0.00	23.58 -0.07 0.00	23.53 -0.12 0.00	23.77 -0.14 0.00	24.50 -0.12 0.00	26.03 -0.13 -0.32	26.68 -0.13 -0.56	26.81 -0.13 -0.51	26.64 -0.13 -0.40	26.89 -0.16 -0.22	25.91 -0.10 -0.14	24.91 -0.07 0.00	24.71 0.05 0.00
GENERAL___MILLS 23808	18.70 -1.03 -0.68	15.77 -0.89 -0.79	15.18 -1.06 -0.43	15.73 -0.38 -0.31	15.76 -0.36 -0.33	15.60 -0.41 -0.21	15.68 -0.55 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.36 -1.05 0.00	21.15 -0.90 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.65 -0.99 0.00	23.05 -0.86 0.00	24.11 -0.52 0.00	25.57 -0.88 -0.61	26.40 -0.89 -1.04	26.46 -0.93 -0.96	26.28 -0.84 -0.75	26.44 -0.80 -0.42	25.31 -0.83 -0.27	24.48 -0.50 0.00	24.44 -0.22 0.00
GE_PLASTICS___DRP 24183	25.52 0.69 -5.78	23.19 0.57 -6.76	20.02 0.55 -3.65	19.04 0.60 -2.64	19.18 0.60 -2.78	18.21 0.60 -1.80	20.13 0.58 -3.76	20.70 0.54 -4.32	20.93 0.62 -2.18	22.12 0.71 -0.01	22.77 0.71 0.00	23.71 0.76 0.00	24.45 0.80 0.00	24.48 0.83 0.00	24.77 0.86 0.00	25.56 0.94 0.00	31.84 0.90 -5.09	36.04 0.92 -8.87	35.50 0.93 -8.14	33.72 0.95 -6.40	31.36 0.97 -3.57	29.13 0.96 -2.30	25.96 0.97 0.00	25.50 0.84 0.00
GILBOA___1 23756	24.12 0.61 -4.46	21.58 0.51 -5.22	19.12 0.49 -2.81	18.30 0.47 -2.03	18.41 0.47 -2.14	17.67 0.47 -1.39	19.16 0.47 -2.90	19.68 0.51 -3.33	20.45 0.63 -1.68	22.16 0.75 -0.01	22.83 0.77 0.00	23.78 0.83 0.00	24.55 0.90 0.00	24.52 0.88 0.00	24.89 0.98 0.00	25.68 1.06 0.00	30.94 1.11 -3.99	34.22 1.13 -6.84	33.84 1.14 -6.28	32.41 1.11 -4.93	30.68 1.10 -2.75	28.70 1.06 -1.77	26.01 1.02 0.00	25.58 0.91 0.00
GILBOA___2 23757	24.12 0.61 -4.46	21.58 0.51 -5.22	19.12 0.49 -2.81	18.30 0.47 -2.03	18.41 0.47 -2.14	17.67 0.47 -1.39	19.16 0.47 -2.90	19.68 0.51 -3.33	20.45 0.63 -1.68	22.16 0.75 -0.01	22.83 0.77 0.00	23.78 0.83 0.00	24.55 0.90 0.00	24.52 0.88 0.00	24.89 0.98 0.00	25.68 1.06 0.00	30.94 1.11 -3.99	34.22 1.13 -6.84	33.84 1.14 -6.28	32.41 1.11 -4.93	30.68 1.10 -2.75	28.70 1.06 -1.77	26.01 1.02 0.00	25.58 0.91 0.00

GILBOA___3 23758	24.12 0.61 -4.46	21.58 0.51 -5.22	19.12 0.49 -2.81	18.30 0.47 -2.03	18.41 0.47 -2.14	17.67 0.47 -1.39	19.16 0.47 -2.90	19.68 0.51 -3.33	20.45 0.63 -1.68	22.16 0.75 -0.01	22.83 0.77 0.00	23.78 0.83 0.00	24.55 0.90 0.00	24.52 0.88 0.00	24.89 0.98 0.00	25.68 1.06 0.00	30.94 1.11 -3.99	34.22 1.13 -6.84	33.84 1.14 -6.28	32.41 1.11 -4.93	30.68 1.10 -2.75	28.70 1.06 -1.77	26.01 1.02 0.00	25.58 0.91 0.00
GILBOA___4 23759	24.12 0.61 -4.46	21.58 0.51 -5.22	19.12 0.49 -2.81	18.30 0.47 -2.03	18.41 0.47 -2.14	17.67 0.47 -1.39	19.16 0.47 -2.90	19.68 0.51 -3.33	20.45 0.63 -1.68	22.16 0.75 -0.01	22.83 0.77 0.00	23.78 0.83 0.00	24.55 0.90 0.00	24.52 0.88 0.00	24.89 0.98 0.00	25.68 1.06 0.00	30.94 1.11 -3.99	34.22 1.13 -6.84	33.84 1.14 -6.28	32.41 1.11 -4.93	30.68 1.10 -2.75	28.70 1.06 -1.77	26.01 1.02 0.00	25.58 0.91 0.00
GILBOA___ 23599	24.12 0.61 -4.46	21.58 0.51 -5.22	19.12 0.49 -2.81	18.37 0.54 -2.03	18.48 0.54 -2.14	17.73 0.54 -1.39	19.21 0.52 -2.90	19.68 0.51 -3.33	20.45 0.63 -1.68	22.21 0.79 -0.01	22.85 0.79 0.00	23.78 0.83 0.00	24.55 0.90 0.00	24.55 0.90 0.00	24.87 0.96 0.00	25.69 1.06 0.00	30.94 1.11 -3.99	34.22 1.13 -6.84	33.85 1.14 -6.28	32.41 1.11 -4.93	30.68 1.10 -2.75	28.70 1.06 -1.77	26.01 1.02 0.00	25.58 0.91 0.00
GINNA___ 23603	18.50 -1.03 -0.48	15.48 -0.94 -0.56	15.10 -1.01 -0.30	14.94 -1.07 -0.22	14.95 -1.07 -0.23	14.88 -1.08 -0.15	15.06 -1.04 -0.31	15.20 -1.00 -0.36	17.30 -1.02 -0.18	20.47 -0.94 0.00	21.05 -1.01 0.00	21.83 -1.12 0.00	22.42 -1.23 0.00	22.42 -1.23 0.00	22.74 -1.17 0.00	23.52 -1.11 0.00	25.16 -1.11 -0.43	25.86 -1.13 -0.73	26.00 -1.11 -0.67	25.77 -1.13 -0.53	26.05 -1.07 -0.30	25.03 -1.04 -0.19	23.81 -1.17 0.00	23.43 -1.23 0.00
GLEN PARK___ 23778	19.10 -0.15 -0.21	15.96 -0.14 -0.24	15.75 -0.19 -0.13	15.67 -0.22 -0.09	15.67 -0.22 -0.10	15.63 -0.24 -0.06	15.67 -0.25 -0.13	15.65 -0.35 -0.15	17.81 -0.40 -0.08	21.11 -0.30 0.00	21.73 -0.33 0.00	22.56 -0.39 0.00	23.08 -0.57 0.00	23.20 -0.45 0.00	23.46 -0.46 0.00	24.08 -0.54 0.00	25.46 -0.57 -0.19	26.05 -0.52 -0.32	26.41 -0.32 -0.29	26.60 0.00 -0.23	27.01 0.05 -0.13	25.98 0.03 -0.08	25.06 0.08 0.00	24.71 0.05 0.00
GLENDALE_27_KV_LOAD 356172	24.92 1.35 -4.51	22.20 1.06 -5.28	19.74 1.08 -2.85	18.96 1.11 -2.06	19.10 1.14 -2.17	18.35 1.14 -1.41	19.83 1.11 -2.93	20.42 1.20 -3.37	21.34 1.51 -1.71	23.38 1.97 -0.01	24.02 1.96 0.00	25.04 2.09 0.00	25.89 2.25 0.00	25.99 2.34 0.00	26.38 2.46 0.00	27.38 2.76 0.00	33.11 3.07 -4.19	36.28 3.10 -6.92	35.85 3.07 -6.36	34.21 2.85 -4.99	32.40 2.79 -2.78	30.23 2.56 -1.79	27.33 2.35 0.00	26.64 1.97 0.00
GLENWOOD_IC_1_G1 23712	34.79 1.58 -14.16	32.63 1.28 -15.48	27.86 1.26 -10.79	24.16 1.31 -7.06	24.59 1.33 -7.47	24.36 1.33 -7.23	24.69 1.29 -7.61	27.44 1.38 -10.21	29.83 1.70 -9.99	32.26 2.16 -8.69	32.66 2.18 -8.42	33.88 2.34 -8.58	37.13 2.41 -11.07	37.26 2.41 -11.20	39.15 2.51 -12.73	46.28 2.81 -18.85	44.11 3.00 -15.28	51.51 3.02 -22.23	41.67 2.99 -12.25	40.74 2.85 -11.52	41.64 2.79 -12.02	37.10 2.61 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
GLENWOOD_IC_2_G1 23688	34.73 1.52 -14.16	32.58 1.24 -15.48	27.83 1.23 -10.79	24.05 1.20 -7.06	24.48 1.22 -7.47	24.25 1.22 -7.23	24.61 1.22 -7.61	27.40 1.35 -10.21	29.77 1.65 -9.99	32.07 1.97 -8.69	32.58 2.10 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.23 2.39 -11.20	39.23 2.58 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.63 3.10 -22.28	41.79 3.06 -12.29	40.79 2.90 -11.52	41.73 2.87 -12.02	37.18 2.69 -8.62	35.28 2.55 -7.75	33.50 2.22 -6.61
GLENWOOD_IC_3_G1 23689	34.73 1.52 -14.16	32.58 1.24 -15.48	27.83 1.23 -10.79	24.05 1.20 -7.06	24.48 1.22 -7.47	24.25 1.22 -7.23	24.61 1.22 -7.61	27.40 1.35 -10.21	29.77 1.65 -9.99	32.07 1.97 -8.69	32.58 2.10 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.23 2.39 -11.20	39.23 2.58 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.63 3.10 -22.28	41.79 3.06 -12.29	40.79 2.90 -11.52	41.73 2.87 -12.02	37.18 2.69 -8.62	35.28 2.55 -7.75	33.50 2.22 -6.61
GLENWOOD___4 23550	34.79 1.58 -14.16	32.63 1.28 -15.48	27.86 1.26 -10.79	24.16 1.31 -7.06	24.59 1.33 -7.47	24.36 1.33 -7.23	24.69 1.29 -7.61	27.44 1.38 -10.21	29.83 1.70 -9.99	32.26 2.16 -8.69	32.66 2.18 -8.42	33.88 2.34 -8.58	37.15 2.44 -11.07	37.31 2.46 -11.20	39.20 2.56 -12.73	46.33 2.86 -18.85	44.19 3.07 -15.28	51.58 3.10 -22.23	41.75 3.07 -12.25	40.79 2.90 -11.52	41.72 2.87 -12.02	37.18 2.69 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
GLENWOOD___5 23614	34.79 1.58 -14.16	32.63 1.28 -15.48	27.86 1.26 -10.79	24.16 1.31 -7.06	24.59 1.33 -7.47	24.36 1.33 -7.23	24.69 1.29 -7.61	27.44 1.38 -10.21	29.83 1.70 -9.99	32.26 2.16 -8.69	32.66 2.18 -8.42	33.88 2.34 -8.58	37.15 2.44 -11.07	37.31 2.46 -11.20	39.20 2.56 -12.73	46.33 2.86 -18.85	44.19 3.07 -15.28	51.58 3.10 -22.23	41.75 3.07 -12.25	40.79 2.90 -11.52	41.72 2.87 -12.02	37.18 2.69 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
GLOBAL GREEN_PORT_GT1 23814	35.49 2.29 -14.16	33.23 1.89 -15.48	28.56 1.96 -10.79	24.76 1.91 -7.06	25.22 1.96 -7.47	24.99 1.96 -7.23	25.34 1.94 -7.61	28.13 2.08 -10.21	30.53 2.41 -9.99	32.88 2.78 -8.69	33.52 3.05 -8.42	34.82 3.28 -8.58	38.17 3.45 -11.07	38.34 3.50 -11.20	40.37 3.73 -12.73	47.56 4.09 -18.85	45.45 4.32 -15.30	52.86 4.33 -22.27	42.98 4.26 -12.29	41.87 3.98 -11.52	42.56 3.70 -12.02	37.93 3.44 -8.62	35.85 3.12 -7.75	33.99 2.71 -6.61
GLOBE___DSASP 323697	18.45 -1.22 -0.62	15.54 -1.05 -0.73	15.02 -1.19 -0.39	15.75 -0.33 -0.28	15.76 -0.33 -0.30	15.62 -0.38 -0.19	15.67 -0.52 -0.40	15.15 -1.16 -0.46	17.08 -1.29 -0.23	19.87 -1.54 0.00	20.67 -1.39 0.00	21.64 -1.31 0.00	22.23 -1.42 0.00	22.09 -1.56 0.00	22.43 -1.48 0.00	23.47 -1.16 0.00	25.13 -1.27 -0.56	25.89 -1.31 -0.95	25.96 -1.35 -0.87	25.79 -1.27 -0.69	25.95 -1.26 -0.38	24.88 -1.24 -0.25	23.86 -1.12 0.00	23.85 -0.81 0.00
GOETHSLN___LBMP 323567	24.82 1.26 -4.51	22.14 1.00 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.75 1.03 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.23 1.82 -0.01	23.85 1.79 0.00	24.86 1.91 0.00	25.68 2.03 0.00	25.78 2.13 0.00	26.16 2.25 0.00	27.21 2.59 0.00	32.82 2.79 -4.19	35.99 2.81 -6.92	35.59 2.80 -6.36	33.95 2.58 -4.99	32.11 2.50 -2.78	29.99 2.33 -1.79	27.10 2.12 0.00	26.44 1.78 0.00
GOLAH___69_KV_TB 1_2 80279	19.19 -0.36 -0.50	16.08 -0.36 -0.59	15.65 -0.47 -0.32	16.03 0.00 -0.23	16.07 0.03 -0.24	15.98 0.02 -0.16	16.02 -0.09 -0.33	15.73 -0.49 -0.38	17.85 -0.47 -0.19	20.81 -0.60 0.00	21.53 -0.53 0.00	22.42 -0.53 0.00	23.06 -0.59 0.00	22.96 -0.69 0.00	23.34 -0.57 0.00	24.23 -0.39 0.00	25.93 -0.36 -0.45	26.74 -0.29 -0.77	26.88 -0.26 -0.71	26.74 -0.18 -0.56	27.03 -0.11 -0.31	25.94 -0.13 -0.20	24.73 -0.25 0.00	24.59 -0.07 0.00

GOODYEAR_LAKE_HYD 323669	21.03 0.76 -1.22	17.91 0.62 -1.43	17.15 0.57 -0.77	16.98 0.63 -0.56	17.01 0.63 -0.59	16.83 0.65 -0.38	17.20 0.62 -0.79	17.33 0.57 -0.91	19.32 0.73 -0.46	22.35 0.94 0.00	23.03 0.97 0.00	24.05 1.10 0.00	24.81 1.16 0.00	24.85 1.21 0.00	25.23 1.32 0.00	26.05 1.43 0.00	28.38 1.45 -1.09	29.65 1.52 -1.87	29.71 1.56 -1.72	29.28 1.56 -1.35	29.14 1.56 -0.75	27.81 1.45 -0.48	26.43 1.45 0.00	26.00 1.33 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.48 0.06 -1.37	17.48 0.02 -1.60	16.63 -0.05 -0.87	16.53 0.11 -0.63	16.58 0.13 -0.66	16.34 0.11 -0.43	16.74 0.06 -0.89	16.87 0.00 -1.02	18.69 0.04 -0.52	21.60 0.19 0.00	22.28 0.22 0.00	23.23 0.28 0.00	23.91 0.26 0.00	23.91 0.26 0.00	24.20 0.29 0.00	25.04 0.42 0.00	27.40 0.34 -1.23	28.73 0.37 -2.10	28.76 0.40 -1.93	28.28 0.40 -1.52	28.05 0.38 -0.85	26.81 0.39 -0.54	25.46 0.47 0.00	25.16 0.49 0.00
GOUDEY___7 23579	20.50 0.08 -1.37	17.50 0.03 -1.60	16.65 -0.03 -0.87	16.55 0.13 -0.63	16.60 0.14 -0.66	16.36 0.13 -0.43	16.76 0.08 -0.89	16.88 0.02 -1.02	18.71 0.05 -0.52	21.62 0.21 0.00	22.30 0.24 0.00	23.25 0.30 0.00	23.96 0.31 0.00	23.93 0.28 0.00	24.22 0.31 0.00	25.07 0.44 0.00	27.46 0.39 -1.23	28.75 0.39 -2.10	28.79 0.42 -1.93	28.31 0.42 -1.52	28.08 0.40 -0.85	26.83 0.41 -0.54	25.48 0.50 0.00	25.18 0.52 0.00
GOUDEY___8 23580	20.48 0.06 -1.37	17.48 0.02 -1.60	16.63 -0.05 -0.87	16.53 0.11 -0.63	16.58 0.13 -0.66	16.34 0.11 -0.43	16.74 0.06 -0.89	16.87 0.00 -1.02	18.69 0.04 -0.52	21.60 0.19 0.00	22.28 0.22 0.00	23.23 0.28 0.00	23.91 0.26 0.00	23.91 0.26 0.00	24.20 0.29 0.00	25.04 0.42 0.00	27.40 0.34 -1.23	28.73 0.37 -2.10	28.76 0.40 -1.93	28.28 0.40 -1.52	28.05 0.38 -0.85	26.81 0.39 -0.54	25.46 0.47 0.00	25.16 0.49 0.00
GOWANUS_GT1_1 24077	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_2 24078	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_3 24079	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_4 24080	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_5 24084	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_6 24111	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_7 24112	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT1_8 24113	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_1 24114	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_2 24115	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_3 24116	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00

GOWANUS_GT2_4 24117	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_5 24118	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_6 24119	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_7 24120	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT2_8 24121	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_1 24122	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_2 24123	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_3 24124	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_4 24125	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_5 24126	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_6 24127	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_7 24128	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT3_8 24129	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_1 24130	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_2 24131	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00

GOWANUS_GT4_3 24132	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_4 24133	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_5 24134	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_6 24135	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_7 24136	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GOWANUS_GT4_8 24137	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GREENBSH_115KV_TB3 55895	25.60 0.74 -5.81	23.29 0.63 -6.79	20.09 0.62 -3.67	19.09 0.65 -2.65	19.24 0.65 -2.79	18.25 0.63 -1.81	20.19 0.63 -3.77	20.77 0.59 -4.34	20.96 0.63 -2.19	22.08 0.66 -0.01	22.74 0.68 0.00	23.69 0.73 0.00	24.45 0.80 0.00	24.48 0.83 0.00	24.77 0.86 0.00	25.54 0.91 0.00	31.78 0.85 -5.08	36.03 0.87 -8.91	35.48 0.87 -8.18	33.67 0.87 -6.42	31.32 0.91 -3.58	29.11 0.93 -2.31	25.96 0.97 0.00	25.45 0.79 0.00
GREENIDGE_115KV_TB5 80291	19.58 -0.25 -0.77	16.48 -0.29 -0.91	15.91 -0.40 -0.49	16.07 -0.08 -0.35	16.11 -0.06 -0.37	15.98 -0.06 -0.24	16.17 -0.13 -0.50	16.11 -0.32 -0.58	18.12 -0.31 -0.29	21.13 -0.28 0.00	21.84 -0.22 0.00	22.77 -0.18 0.00	23.41 -0.24 0.00	23.39 -0.26 0.00	23.65 -0.26 0.00	24.55 -0.07 0.00	26.48 -0.05 -0.69	27.44 0.00 -1.19	27.60 0.08 -1.09	27.31 0.08 -0.86	27.39 0.08 -0.48	26.31 0.13 -0.31	25.11 0.12 0.00	24.91 0.25 0.00
GREENIDGE___3 23582	19.58 -0.25 -0.77	16.48 -0.29 -0.91	15.91 -0.40 -0.49	16.07 -0.08 -0.35	16.11 -0.06 -0.37	15.98 -0.06 -0.24	16.17 -0.13 -0.50	16.11 -0.32 -0.58	18.12 -0.31 -0.29	21.13 -0.28 0.00	21.84 -0.22 0.00	22.77 -0.18 0.00	23.41 -0.24 0.00	23.39 -0.26 0.00	23.65 -0.26 0.00	24.55 -0.07 0.00	26.48 -0.05 -0.69	27.44 0.00 -1.19	27.60 0.08 -1.09	27.31 0.08 -0.86	27.39 0.08 -0.48	26.31 0.13 -0.31	25.11 0.12 0.00	24.91 0.25 0.00
GREENIDGE___4 23583	19.58 -0.25 -0.77	16.48 -0.29 -0.91	15.91 -0.39 -0.49	15.71 -0.44 -0.35	15.74 -0.43 -0.37	15.62 -0.43 -0.24	15.90 -0.39 -0.50	16.11 -0.32 -0.58	18.12 -0.31 -0.29	21.32 -0.09 0.00	21.91 -0.15 0.00	22.77 -0.18 0.00	23.41 -0.24 0.00	23.43 -0.21 0.00	23.72 -0.19 0.00	24.55 -0.07 0.00	26.48 -0.05 -0.69	27.44 0.00 -1.19	27.60 0.08 -1.09	27.31 0.08 -0.86	27.39 0.08 -0.48	26.31 0.13 -0.31	25.11 0.13 0.00	24.74 0.07 0.00
GREENLWN_69_KV_BK 3 55738	34.67 1.47 -14.16	32.53 1.19 -15.48	27.78 1.19 -10.79	24.07 1.22 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.61 1.22 -7.61	27.34 1.28 -10.21	29.72 1.60 -9.99	32.11 2.01 -8.69	32.42 1.94 -8.42	33.58 2.04 -8.58	36.89 2.18 -11.07	37.12 2.27 -11.20	39.04 2.39 -12.73	46.14 2.66 -18.85	43.98 2.87 -15.28	51.40 2.91 -22.23	41.57 2.88 -12.25	40.60 2.72 -11.52	41.51 2.66 -12.02	36.97 2.48 -8.62	35.00 2.27 -7.75	33.25 1.97 -6.61
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
GRISSOM___SOLAR 323813	27.53 1.87 -6.61	25.03 1.43 -7.74	21.33 1.34 -4.18	20.13 1.31 -3.02	20.27 1.30 -3.18	19.22 1.36 -2.06	21.38 1.29 -4.30	22.11 1.33 -4.94	22.30 1.67 -2.50	23.34 1.93 -0.01	24.13 2.07 0.00	25.34 2.39 0.00	26.08 2.44 0.00	26.13 2.48 0.00	26.71 2.80 0.00	27.60 2.98 0.00	34.80 3.13 -5.84	39.66 3.25 -10.15	39.16 3.41 -9.31	37.12 3.43 -7.32	34.40 3.49 -4.08	31.94 3.44 -2.63	28.21 3.22 0.00	27.62 2.96 0.00
GROVEVILLE___HYD 323602	24.84 1.22 -4.57	22.19 0.98 -5.35	19.66 0.96 -2.89	18.88 1.00 -2.09	19.01 1.01 -2.20	18.24 1.01 -1.42	19.74 0.98 -2.97	20.24 0.98 -3.41	21.11 1.25 -1.73	23.00 1.58 -0.01	23.60 1.54 0.00	24.56 1.61 0.00	25.35 1.70 0.00	25.40 1.75 0.00	25.85 1.94 0.00	26.79 2.17 0.00	32.42 2.38 -4.20	35.68 2.42 -7.01	35.30 2.43 -6.43	33.75 2.32 -5.05	31.96 2.31 -2.82	29.83 2.15 -1.81	27.00 2.02 0.00	26.41 1.75 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	16.01 0.03 -0.18	16.04 0.05 -0.19	15.98 0.05 -0.13	16.05 0.00 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.47 0.06 0.00	22.15 0.09 0.00	23.07 0.11 0.00	23.74 0.09 0.00	23.70 0.05 0.00	23.91 0.00 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.89 0.22 0.00

HAMLTNNY_34_KV_TB 80303	19.49 0.00 -0.44	16.34 -0.03 -0.51	15.99 -0.09 -0.28	16.06 0.06 -0.20	16.07 0.06 -0.21	16.00 0.06 -0.14	16.09 0.02 -0.28	16.12 -0.05 -0.33	18.30 0.00 -0.17	21.47 0.06 0.00	22.17 0.11 0.00	23.09 0.14 0.00	23.77 0.12 0.00	23.72 0.07 0.00	23.96 0.05 0.00	24.72 0.10 0.00	26.34 0.10 -0.39	27.03 0.11 -0.67	27.16 0.11 -0.62	26.94 0.08 -0.48	27.18 0.08 -0.27	26.18 0.13 -0.17	25.11 0.12 0.00	24.91 0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	18.54 -0.61 -0.10	15.47 -0.51 -0.12	15.37 -0.51 -0.06	15.34 -0.51 -0.05	15.34 -0.51 -0.05	15.33 -0.51 -0.03	15.35 -0.51 -0.07	15.35 -0.57 -0.08	17.46 -0.71 -0.04	20.53 -0.88 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.63 -1.02 0.00	22.67 -1.24 0.00	23.30 -1.33 0.00	24.53 -1.40 -0.09	25.04 -1.37 -0.16	25.28 -1.29 -0.14	25.35 -1.13 -0.11	25.79 -1.10 -0.06	24.83 -1.09 -0.04	23.91 -1.07 0.00	23.60 -1.06 0.00
HARDSCRABBLE_WT_PWR 323673	19.09 0.04 0.00	15.91 0.05 0.00	15.87 0.06 0.00	15.86 0.06 0.00	15.86 0.06 0.00	15.87 0.06 0.00	15.84 0.05 0.00	15.86 0.02 0.00	18.21 0.07 0.00	21.54 0.13 0.00	22.24 0.18 0.00	23.13 0.18 0.00	23.84 0.19 0.00	23.84 0.19 0.00	24.13 0.21 0.00	24.80 0.17 0.00	25.94 0.10 0.00	26.39 0.13 0.00	26.57 0.13 0.00	26.50 0.13 0.00	26.94 0.11 0.00	25.98 0.10 0.00	25.13 0.15 0.00	24.84 0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.35 1.12 -4.17	21.65 0.90 -4.89	19.33 0.89 -2.64	18.60 0.90 -1.91	18.74 0.93 -2.01	18.04 0.93 -1.30	19.40 0.90 -2.71	19.88 0.92 -3.12	20.87 1.16 -1.58	22.89 1.48 -0.01	23.52 1.46 0.00	24.49 1.54 0.00	25.28 1.63 0.00	25.35 1.70 0.00	25.75 1.84 0.00	26.72 2.09 0.00	31.97 2.27 -3.85	35.00 2.34 -6.41	34.64 2.33 -5.88	33.18 2.19 -4.62	31.55 2.15 -2.58	29.55 2.02 -1.66	26.85 1.87 0.00	26.24 1.58 0.00
HARSNRAD_115KV_TB1 81005	18.61 -1.05 -0.61	15.65 -0.92 -0.71	15.12 -1.08 -0.38	15.84 -0.24 -0.28	15.85 -0.24 -0.29	15.71 -0.28 -0.19	15.68 -0.51 -0.40	15.25 -1.05 -0.46	17.22 -1.14 -0.23	20.10 -1.31 0.00	20.91 -1.15 0.00	21.90 -1.06 0.00	22.49 -1.16 0.00	22.35 -1.30 0.00	22.72 -1.20 0.00	23.76 -0.86 0.00	25.38 -1.01 -0.55	26.14 -1.05 -0.94	26.23 -1.06 -0.86	26.07 -0.98 -0.67	26.27 -0.94 -0.38	25.18 -0.93 -0.24	24.16 -0.82 0.00	24.12 -0.54 0.00
HARZA MOOSE___RIVER 24016	19.29 0.11 -0.13	16.09 0.08 -0.15	15.94 0.05 -0.08	15.92 0.06 -0.06	15.92 0.06 -0.06	15.91 0.06 -0.04	15.92 0.05 -0.08	15.93 -0.02 -0.10	18.18 0.00 -0.05	21.45 0.04 0.00	22.13 0.07 0.00	23.04 0.09 0.00	23.70 0.05 0.00	23.77 0.12 0.00	24.06 0.14 0.00	24.70 0.07 0.00	26.01 0.05 -0.12	26.56 0.11 -0.20	26.80 0.19 -0.18	26.81 0.29 -0.14	27.23 0.32 -0.08	26.21 0.28 -0.05	25.31 0.32 0.00	24.96 0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.32 -0.10 -0.36	16.17 -0.11 -0.42	15.88 -0.16 -0.23	15.93 -0.03 -0.16	15.94 -0.03 -0.17	15.88 -0.03 -0.11	15.96 -0.06 -0.23	15.97 -0.14 -0.27	18.16 -0.11 -0.14	21.34 -0.06 0.00	22.04 -0.02 0.00	22.93 -0.02 0.00	23.60 -0.05 0.00	23.58 -0.07 0.00	23.79 -0.12 0.00	24.55 -0.07 0.00	26.06 -0.10 -0.32	26.70 -0.11 -0.55	26.84 -0.11 -0.51	26.67 -0.11 -0.40	26.94 -0.11 -0.22	25.94 -0.08 -0.14	24.93 -0.05 0.00	24.74 0.07 0.00
HELLGATE_13_KV_LD 55870	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.76 1.04 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.24 2.63 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.49 1.83 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.88 1.03 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.76 1.04 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.93 2.89 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.24 2.63 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.49 1.83 0.00
HEMPSTEAD____ 23647	34.67 1.47 -14.16	32.53 1.19 -15.48	27.78 1.19 -10.79	24.00 1.15 -7.06	24.44 1.17 -7.47	24.22 1.19 -7.23	24.58 1.18 -7.61	27.36 1.30 -10.21	29.74 1.61 -9.99	32.01 1.90 -8.69	32.53 2.05 -8.42	33.74 2.20 -8.58	37.04 2.32 -11.07	37.19 2.34 -11.20	39.13 2.49 -12.73	46.23 2.76 -18.85	44.11 2.97 -15.30	51.52 2.99 -22.28	41.68 2.96 -12.29	40.71 2.82 -11.52	41.67 2.82 -12.02	37.13 2.64 -8.62	35.20 2.47 -7.75	33.42 2.14 -6.61
HEWLETT_69_KV_BK3 55828	34.88 1.68 -14.16	32.70 1.36 -15.48	27.94 1.34 -10.79	24.23 1.37 -7.06	24.66 1.39 -7.47	24.43 1.39 -7.23	24.75 1.36 -7.61	27.48 1.43 -10.21	29.88 1.76 -9.99	32.33 2.23 -8.69	32.75 2.27 -8.42	33.97 2.43 -8.58	37.30 2.58 -11.07	37.52 2.67 -11.20	39.47 2.82 -12.73	46.60 3.13 -18.85	44.47 3.36 -15.28	51.87 3.39 -22.23	42.04 3.36 -12.25	41.08 3.19 -11.52	42.02 3.17 -12.02	37.46 2.98 -8.62	35.48 2.75 -7.75	33.69 2.42 -6.61
HICKLING___1 23621	19.85 -0.29 -1.09	16.85 -0.29 -1.27	16.10 -0.40 -0.69	16.18 -0.11 -0.50	16.24 -0.08 -0.52	16.03 -0.11 -0.34	16.31 -0.19 -0.71	16.34 -0.32 -0.81	18.20 -0.34 -0.41	21.24 -0.17 0.00	21.95 -0.11 0.00	22.91 -0.05 0.00	23.58 -0.07 0.00	23.55 -0.09 0.00	23.84 -0.07 0.00	24.77 0.15 0.00	26.79 -0.03 -0.98	27.95 0.03 -1.67	28.05 0.08 -1.53	27.66 0.08 -1.21	27.56 0.05 -0.67	26.43 0.13 -0.43	25.28 0.30 0.00	25.08 0.42 0.00
HICKLING___2 23622	19.85 -0.29 -1.09	16.85 -0.29 -1.27	16.10 -0.40 -0.69	16.18 -0.11 -0.50	16.24 -0.08 -0.52	16.03 -0.11 -0.34	16.31 -0.19 -0.71	16.34 -0.32 -0.81	18.20 -0.34 -0.41	21.24 -0.17 0.00	21.95 -0.11 0.00	22.91 -0.05 0.00	23.58 -0.07 0.00	23.55 -0.09 0.00	23.84 -0.07 0.00	24.77 0.15 0.00	26.79 -0.03 -0.98	27.95 0.03 -1.67	28.05 0.08 -1.53	27.66 0.08 -1.21	27.56 0.05 -0.67	26.43 0.13 -0.43	25.28 0.30 0.00	25.08 0.42 0.00
HIGH FALLS___HY 23754	24.65 1.05 -4.56	22.02 0.82 -5.33	19.48 0.79 -2.88	18.70 0.82 -2.08	18.83 0.84 -2.19	18.08 0.85 -1.42	19.56 0.81 -2.96	20.05 0.81 -3.40	20.93 1.07 -1.72	22.85 1.43 -0.01	23.43 1.37 0.00	24.35 1.40 0.00	25.14 1.49 0.00	25.07 1.42 0.00	25.51 1.60 0.00	26.50 1.87 0.00	32.10 2.12 -4.15	35.43 2.18 -6.99	35.04 2.19 -6.42	33.47 2.06 -5.04	31.65 2.01 -2.81	29.67 1.99 -1.81	26.83 1.85 0.00	26.24 1.58 0.00
HIGH_RIVER___SOLAR 323847	26.21 0.91 -6.25	23.88 0.71 -7.31	20.45 0.70 -3.95	19.37 0.73 -2.85	19.53 0.73 -3.01	18.49 0.74 -1.95	20.54 0.69 -4.06	21.17 0.67 -4.67	21.29 0.80 -2.36	22.36 0.94 -0.01	23.03 0.97 0.00	24.03 1.08 0.00	24.76 1.11 0.00	24.78 1.14 0.00	25.13 1.22 0.00	25.98 1.35 0.00	32.71 1.37 -5.50	37.28 1.44 -9.59	36.76 1.53 -8.80	34.87 1.58 -6.91	32.32 1.64 -3.86	29.93 1.58 -2.48	26.51 1.52 0.00	26.04 1.38 0.00

HILLBURN___GT 23639	24.42 1.12 -4.25	21.74 0.90 -4.97	19.40 0.90 -2.68	18.60 0.87 -1.94	18.72 0.88 -2.05	18.01 0.88 -1.32	19.43 0.88 -2.76	20.00 0.98 -3.17	20.97 1.23 -1.61	22.87 1.46 -0.01	23.60 1.54 0.00	24.61 1.65 0.00	25.40 1.75 0.00	25.44 1.80 0.00	25.90 1.98 0.00	26.84 2.22 0.00	32.18 2.40 -3.93	35.23 2.44 -6.54	34.86 2.43 -6.00	33.37 2.29 -4.70	31.68 2.23 -2.62	29.66 2.09 -1.69	26.90 1.92 0.00	26.29 1.63 0.00
HILLSIDE_115KV_TB1 80332	19.72 -0.46 -1.13	16.77 -0.41 -1.32	16.02 -0.51 -0.71	16.06 -0.25 -0.52	16.10 -0.24 -0.54	15.89 -0.27 -0.35	16.19 -0.33 -0.73	16.24 -0.44 -0.84	18.09 -0.47 -0.43	21.09 -0.32 0.00	21.77 -0.29 0.00	22.72 -0.23 0.00	23.39 -0.26 0.00	23.36 -0.28 0.00	23.65 -0.26 0.00	24.55 -0.07 0.00	26.59 -0.26 -1.01	27.78 -0.21 -1.73	27.84 -0.19 -1.59	27.44 -0.18 -1.25	27.31 -0.21 -0.70	26.14 -0.18 -0.45	25.01 0.02 0.00	24.79 0.12 0.00
HISHELDN_WT_PWR 323625	18.78 -1.01 -0.74	15.82 -0.90 -0.86	15.20 -1.08 -0.47	15.00 -1.14 -0.34	15.03 -1.12 -0.35	14.88 -1.15 -0.23	15.18 -1.09 -0.48	15.40 -1.00 -0.55	17.29 -1.12 -0.28	20.64 -0.77 0.00	21.15 -0.91 0.00	21.99 -0.96 0.00	22.61 -1.04 0.00	22.54 -1.11 0.00	22.93 -0.98 0.00	23.91 -0.71 0.00	25.52 -0.98 -0.66	26.41 -0.97 -1.13	26.52 -0.95 -1.04	26.29 -0.90 -0.82	26.40 -0.88 -0.46	25.31 -0.85 -0.29	24.38 -0.60 0.00	24.05 -0.62 0.00
HOLTSVILLE_IC_1 23690	34.90 1.69 -14.16	32.72 1.38 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.69 1.42 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.59 1.54 -10.21	29.94 1.81 -9.99	32.16 2.06 -8.69	32.64 2.16 -8.42	33.81 2.27 -8.58	37.08 2.36 -11.07	37.26 2.41 -11.20	39.20 2.56 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.65 3.12 -22.27	41.87 3.14 -12.29	40.89 3.01 -11.52	41.78 2.92 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.52 2.24 -6.61
HOLTSVILLE_IC_10 23699	35.00 1.79 -14.16	32.80 1.46 -15.48	28.10 1.50 -10.79	24.32 1.47 -7.06	24.75 1.48 -7.47	24.54 1.50 -7.23	24.90 1.50 -7.61	27.67 1.62 -10.21	30.03 1.90 -9.99	32.26 2.16 -8.69	32.75 2.27 -8.42	33.94 2.41 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.37 2.72 -12.73	46.48 3.00 -18.85	44.37 3.23 -15.30	51.81 3.28 -22.27	42.05 3.33 -12.29	41.08 3.19 -11.52	41.96 3.11 -12.02	37.39 2.90 -8.62	35.43 2.70 -7.75	33.66 2.39 -6.61
HOLTSVILLE_IC_2 23691	34.90 1.69 -14.16	32.72 1.38 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.69 1.42 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.59 1.54 -10.21	29.94 1.81 -9.99	32.16 2.06 -8.69	32.64 2.16 -8.42	33.81 2.27 -8.58	37.08 2.36 -11.07	37.26 2.41 -11.20	39.20 2.56 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.65 3.12 -22.27	41.87 3.14 -12.29	40.89 3.01 -11.52	41.78 2.92 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.52 2.24 -6.61
HOLTSVILLE_IC_3 23692	34.90 1.69 -14.16	32.72 1.38 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.69 1.42 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.59 1.54 -10.21	29.94 1.81 -9.99	32.16 2.06 -8.69	32.64 2.16 -8.42	33.81 2.27 -8.58	37.08 2.36 -11.07	37.26 2.41 -11.20	39.20 2.56 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.65 3.12 -22.27	41.87 3.14 -12.29	40.89 3.01 -11.52	41.78 2.92 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.52 2.24 -6.61
HOLTSVILLE_IC_4 23693	34.90 1.69 -14.16	32.72 1.38 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.69 1.42 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.59 1.54 -10.21	29.94 1.81 -9.99	32.16 2.06 -8.69	32.64 2.16 -8.42	33.81 2.27 -8.58	37.08 2.36 -11.07	37.26 2.41 -11.20	39.20 2.56 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.65 3.12 -22.27	41.87 3.14 -12.29	40.89 3.01 -11.52	41.78 2.92 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.52 2.24 -6.61
HOLTSVILLE_IC_5 23694	34.90 1.69 -14.16	32.72 1.38 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.69 1.42 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.59 1.54 -10.21	29.94 1.81 -9.99	32.16 2.06 -8.69	32.64 2.16 -8.42	33.81 2.27 -8.58	37.08 2.36 -11.07	37.26 2.41 -11.20	39.20 2.56 -12.73	46.31 2.83 -18.85	44.21 3.07 -15.30	51.65 3.12 -22.27	41.87 3.14 -12.29	40.89 3.01 -11.52	41.78 2.92 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.52 2.24 -6.61
HOLTSVILLE_IC_6 23695	35.00 1.79 -14.16	32.80 1.46 -15.48	28.10 1.50 -10.79	24.32 1.47 -7.06	24.75 1.48 -7.47	24.54 1.50 -7.23	24.90 1.50 -7.61	27.67 1.62 -10.21	30.03 1.90 -9.99	32.26 2.16 -8.69	32.75 2.27 -8.42	33.94 2.41 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.37 2.72 -12.73	46.48 3.00 -18.85	44.37 3.23 -15.30	51.81 3.28 -22.27	42.05 3.33 -12.29	41.08 3.19 -11.52	41.96 3.11 -12.02	37.39 2.90 -8.62	35.43 2.70 -7.75	33.66 2.39 -6.61
HOLTSVILLE_IC_7 23696	35.00 1.79 -14.16	32.80 1.46 -15.48	28.10 1.50 -10.79	24.32 1.47 -7.06	24.75 1.48 -7.47	24.54 1.50 -7.23	24.90 1.50 -7.61	27.67 1.62 -10.21	30.03 1.90 -9.99	32.26 2.16 -8.69	32.75 2.27 -8.42	33.94 2.41 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.37 2.72 -12.73	46.48 3.00 -18.85	44.37 3.23 -15.30	51.81 3.28 -22.27	42.05 3.33 -12.29	41.08 3.19 -11.52	41.96 3.11 -12.02	37.39 2.90 -8.62	35.43 2.70 -7.75	33.66 2.39 -6.61
HOLTSVILLE_IC_8 23697	35.00 1.79 -14.16	32.80 1.46 -15.48	28.10 1.50 -10.79	24.32 1.47 -7.06	24.75 1.48 -7.47	24.54 1.50 -7.23	24.90 1.50 -7.61	27.67 1.62 -10.21	30.03 1.90 -9.99	32.26 2.16 -8.69	32.75 2.27 -8.42	33.94 2.41 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.37 2.72 -12.73	46.48 3.00 -18.85	44.37 3.23 -15.30	51.81 3.28 -22.27	42.05 3.33 -12.29	41.08 3.19 -11.52	41.96 3.11 -12.02	37.39 2.90 -8.62	35.43 2.70 -7.75	33.66 2.39 -6.61
HOLTSVILLE_IC_9 23698	35.00 1.79 -14.16	32.80 1.46 -15.48	28.10 1.50 -10.79	24.32 1.47 -7.06	24.75 1.48 -7.47	24.54 1.50 -7.23	24.90 1.50 -7.61	27.67 1.62 -10.21	30.03 1.90 -9.99	32.26 2.16 -8.69	32.75 2.27 -8.42	33.94 2.41 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.37 2.72 -12.73	46.48 3.00 -18.85	44.37 3.23 -15.30	51.81 3.28 -22.27	42.05 3.33 -12.29	41.08 3.19 -11.52	41.96 3.11 -12.02	37.39 2.90 -8.62	35.43 2.70 -7.75	33.66 2.39 -6.61
HOMER_HL_115KV_TB2 355744	18.33 -1.49 -0.77	15.50 -1.25 -0.90	14.87 -1.42 -0.48	15.20 -0.95 -0.35	15.23 -0.93 -0.37	15.03 -1.01 -0.24	15.20 -1.09 -0.50	15.10 -1.32 -0.57	16.95 -1.47 -0.29	20.44 -0.96 0.00	21.18 -0.88 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.70 -0.95 0.00	23.08 -0.84 0.00	24.13 -0.49 0.00	25.13 -1.40 -0.69	26.06 -1.37 -1.17	26.16 -1.35 -1.08	25.90 -1.32 -0.85	25.96 -1.34 -0.47	24.83 -1.35 -0.30	24.53 -0.45 0.00	24.47 -0.20 0.00
HOWARD_WT_PWR 323690	19.12 -0.82 -0.89	16.12 -0.78 -1.04	15.47 -0.90 -0.56	15.25 -0.95 -0.41	15.31 -0.92 -0.43	15.15 -0.93 -0.28	15.48 -0.88 -0.58	15.68 -0.82 -0.66	17.51 -0.96 -0.34	20.66 -0.75 0.00	21.24 -0.82 0.00	22.01 -0.94 0.00	22.61 -1.04 0.00	22.68 -0.97 0.00	23.00 -0.91 0.00	24.01 -0.61 0.00	25.81 -0.83 -0.79	26.83 -0.79 -1.36	26.94 -0.74 -1.25	26.54 -0.82 -0.98	26.52 -0.86 -0.55	25.66 -0.57 -0.35	24.66 -0.33 0.00	24.54 -0.12 0.00

HQ_GEN_CEDARS 23644	18.54 -0.51 0.00	15.46 -0.40 0.00	15.45 -0.36 0.00	15.26 -0.54 0.00	15.26 -0.54 0.00	15.28 -0.52 0.00	15.33 -0.46 0.00	15.48 -0.36 0.00	17.61 -0.53 0.00	20.61 -0.79 0.00	21.24 -0.82 0.00	22.03 -0.92 0.00	22.68 -0.97 0.00	22.70 -0.95 0.00	22.96 -0.96 0.00	23.15 -1.48 0.00	24.32 -1.52 0.00	24.70 -1.55 0.00	24.87 -1.56 0.00	24.90 -1.48 0.00	25.38 -1.45 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.21 -1.46 0.00
HQ_GEN_CEDARS_PROXY 323590	18.54 -0.51 0.00	15.45 -0.41 0.00	15.45 -0.36 0.00	15.45 -0.35 0.00	15.46 -0.33 0.00	15.46 -0.33 0.01	15.48 -0.32 -0.01	15.48 -0.36 0.00	17.61 -0.53 0.00	20.59 -0.81 0.00	21.24 -0.82 0.00	22.03 -0.92 0.00	22.68 -0.97 0.00	22.70 -0.95 0.00	22.50 -1.41 0.00	23.15 -1.48 0.00	24.32 -1.52 0.00	24.70 -1.55 0.00	24.87 -1.56 0.00	24.90 -1.48 0.00	25.38 -1.45 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.26 -1.40 0.00
HQ_GEN_IMPORT 323601	18.71 -0.34 0.00	15.59 -0.27 0.00	15.59 -0.22 0.00	15.59 -0.21 0.00	15.59 -0.21 0.00	15.59 -0.21 0.01	15.59 -0.21 -0.01	15.59 -0.25 0.00	17.77 -0.36 0.00	20.92 -0.49 0.00	21.55 -0.51 0.00	22.40 -0.55 0.00	23.08 -0.57 0.00	23.08 -0.57 0.00	23.24 -0.67 0.00	23.91 -0.71 0.00	25.12 -0.72 0.00	25.52 -0.73 0.00	25.69 -0.74 0.00	25.66 -0.71 0.00	26.11 -0.72 0.00	25.18 -0.70 0.00	24.28 -0.70 0.00	24.00 -0.66 0.00
HQ_GEN_WHEEL 23651	18.71 -0.34 0.00	15.59 -0.27 0.00	15.59 -0.22 0.00	15.59 -0.21 0.00	15.59 -0.21 0.00	15.59 -0.21 0.01	15.59 -0.21 -0.01	15.59 -0.25 0.00	17.77 -0.36 0.00	20.92 -0.49 0.00	21.55 -0.51 0.00	22.40 -0.55 0.00	23.08 -0.57 0.00	23.08 -0.57 0.00	23.24 -0.67 0.00	23.91 -0.71 0.00	25.12 -0.72 0.00	25.52 -0.73 0.00	25.69 -0.74 0.00	25.66 -0.71 0.00	26.11 -0.72 0.00	25.18 -0.70 0.00	24.28 -0.70 0.00	24.00 -0.66 0.00
HUDSON_AVE_GT_3 23810	24.90 1.33 -4.51	22.20 1.06 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.09 1.12 -2.17	18.33 1.12 -1.41	19.83 1.11 -2.93	20.40 1.19 -3.37	21.33 1.49 -1.71	23.32 1.91 -0.01	23.96 1.90 0.00	24.97 2.02 0.00	25.80 2.15 0.00	25.89 2.25 0.00	26.28 2.37 0.00	27.31 2.68 0.00	32.95 2.92 -4.19	36.12 2.94 -6.92	35.70 2.91 -6.36	34.08 2.72 -4.99	32.27 2.66 -2.78	30.12 2.46 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
HUDSON_AVE_GT_4 23540	24.90 1.33 -4.51	22.20 1.06 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.09 1.12 -2.17	18.33 1.12 -1.41	19.83 1.11 -2.93	20.40 1.19 -3.37	21.33 1.49 -1.71	23.32 1.91 -0.01	23.96 1.90 0.00	24.97 2.02 0.00	25.80 2.15 0.00	25.89 2.25 0.00	26.28 2.37 0.00	27.31 2.68 0.00	32.95 2.92 -4.19	36.12 2.94 -6.92	35.70 2.91 -6.36	34.08 2.72 -4.99	32.27 2.66 -2.78	30.12 2.46 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
HUDSON_AVE_GT_5 23657	24.90 1.33 -4.51	22.20 1.06 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.09 1.12 -2.17	18.33 1.12 -1.41	19.83 1.11 -2.93	20.40 1.19 -3.37	21.33 1.49 -1.71	23.32 1.91 -0.01	23.96 1.90 0.00	24.97 2.02 0.00	25.80 2.15 0.00	25.89 2.25 0.00	26.28 2.37 0.00	27.31 2.68 0.00	32.95 2.92 -4.19	36.12 2.94 -6.92	35.70 2.91 -6.36	34.08 2.72 -4.99	32.27 2.66 -2.78	30.12 2.46 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
HUDSON_AVE_10 24168	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.90 1.04 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.78 1.06 -2.93	20.35 1.14 -3.37	21.27 1.43 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.23 2.32 0.00	27.26 2.64 0.00	32.90 2.87 -4.19	36.04 2.86 -6.92	35.64 2.85 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
HUDSON___115KV_TB 4 355613	25.66 0.97 -5.64	23.25 0.79 -6.60	20.13 0.76 -3.56	19.18 0.81 -2.58	19.30 0.79 -2.71	18.37 0.81 -1.76	20.23 0.77 -3.67	20.74 0.68 -4.21	21.01 0.74 -2.13	22.29 0.88 -0.01	22.94 0.88 0.00	23.87 0.92 0.00	24.62 0.97 0.00	24.64 0.99 0.00	24.99 1.08 0.00	25.76 1.13 0.00	31.85 1.03 -4.97	36.04 1.13 -8.66	35.59 1.22 -7.94	33.91 1.29 -6.24	31.65 1.34 -3.48	29.48 1.37 -2.24	26.41 1.42 0.00	25.92 1.26 0.00
HUNTER MOUNT___DRP 323613	25.52 1.01 -5.46	23.06 0.81 -6.39	20.02 0.76 -3.45	19.09 0.81 -2.49	19.21 0.79 -2.63	18.31 0.81 -1.70	20.11 0.77 -3.55	20.56 0.63 -4.08	20.90 0.71 -2.06	22.27 0.86 -0.01	22.90 0.84 0.00	23.80 0.85 0.00	24.55 0.90 0.00	24.57 0.92 0.00	24.92 1.00 0.00	25.66 1.03 0.00	31.54 0.85 -4.84	35.60 0.97 -8.38	35.23 1.11 -7.69	33.63 1.21 -6.04	31.46 1.26 -3.37	29.33 1.29 -2.17	26.46 1.47 0.00	25.97 1.31 0.00
HUNTINGTON_RES_REC 323705	34.77 1.56 -14.16	32.61 1.27 -15.48	27.88 1.28 -10.79	24.10 1.25 -7.06	24.53 1.26 -7.47	24.31 1.28 -7.23	24.67 1.28 -7.61	27.45 1.39 -10.21	29.81 1.69 -9.99	32.07 1.97 -8.69	32.48 2.01 -8.42	33.67 2.13 -8.58	36.99 2.27 -11.07	37.16 2.32 -11.20	39.13 2.49 -12.73	46.21 2.73 -18.85	44.11 2.97 -15.30	51.52 2.99 -22.27	41.73 3.01 -12.29	40.76 2.88 -11.51	41.64 2.79 -12.02	37.08 2.59 -8.62	35.10 2.37 -7.75	33.34 2.07 -6.61
HUNTLEY___63 23557	18.77 -0.91 -0.63	15.81 -0.79 -0.74	15.25 -0.96 -0.40	15.93 -0.16 -0.29	15.96 -0.14 -0.31	15.80 -0.21 -0.20	15.82 -0.38 -0.41	15.38 -0.93 -0.47	17.36 -1.02 -0.24	20.32 -1.09 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.61 -1.04 0.00	22.98 -0.93 0.00	24.06 -0.57 0.00	25.66 -0.75 -0.57	26.41 -0.81 -0.97	26.51 -0.82 -0.89	26.34 -0.74 -0.70	26.52 -0.70 -0.39	25.40 -0.72 -0.25	24.43 -0.55 0.00	24.37 -0.30 0.00
HUNTLEY___64 23558	18.77 -0.91 -0.63	15.81 -0.79 -0.74	15.25 -0.96 -0.40	15.93 -0.16 -0.29	15.96 -0.14 -0.31	15.80 -0.21 -0.20	15.82 -0.38 -0.41	15.38 -0.93 -0.47	17.36 -1.02 -0.24	20.32 -1.09 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.61 -1.04 0.00	22.98 -0.93 0.00	24.06 -0.57 0.00	25.66 -0.75 -0.57	26.41 -0.81 -0.97	26.51 -0.82 -0.89	26.34 -0.74 -0.70	26.52 -0.70 -0.39	25.40 -0.72 -0.25	24.43 -0.55 0.00	24.37 -0.30 0.00
HUNTLEY___65 23559	18.77 -0.91 -0.63	15.81 -0.79 -0.74	15.25 -0.96 -0.40	15.93 -0.16 -0.29	15.96 -0.14 -0.31	15.80 -0.21 -0.20	15.82 -0.38 -0.41	15.38 -0.93 -0.47	17.36 -1.02 -0.24	20.32 -1.09 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.61 -1.04 0.00	22.98 -0.93 0.00	24.06 -0.57 0.00	25.66 -0.75 -0.57	26.41 -0.81 -0.97	26.51 -0.82 -0.89	26.34 -0.74 -0.70	26.52 -0.70 -0.39	25.40 -0.72 -0.25	24.43 -0.55 0.00	24.37 -0.30 0.00
HUNTLEY___66 23560	18.77 -0.91 -0.63	15.81 -0.79 -0.74	15.25 -0.96 -0.40	15.93 -0.16 -0.29	15.96 -0.14 -0.31	15.80 -0.21 -0.20	15.82 -0.38 -0.41	15.38 -0.93 -0.47	17.36 -1.02 -0.24	20.32 -1.09 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.61 -1.04 0.00	22.98 -0.93 0.00	24.06 -0.57 0.00	25.66 -0.75 -0.57	26.41 -0.81 -0.97	26.51 -0.82 -0.89	26.34 -0.74 -0.70	26.52 -0.70 -0.39	25.40 -0.72 -0.25	24.43 -0.55 0.00	24.37 -0.30 0.00

HUNTLEY___67 23561	18.59 -1.10 -0.65	15.67 -0.95 -0.76	15.11 -1.11 -0.41	15.71 -0.38 -0.30	15.73 -0.38 -0.31	15.58 -0.43 -0.20	15.64 -0.57 -0.42	15.27 -1.06 -0.48	17.20 -1.18 -0.25	20.14 -1.26 0.00	20.93 -1.13 0.00	21.92 -1.03 0.00	22.54 -1.11 0.00	22.39 -1.25 0.00	22.76 -1.15 0.00	23.79 -0.84 0.00	25.39 -1.03 -0.58	26.17 -1.08 -1.00	26.24 -1.11 -0.91	26.06 -1.03 -0.72	26.24 -0.99 -0.40	25.12 -1.01 -0.26	24.18 -0.80 0.00	24.15 -0.52 0.00
HUNTLEY___68 23562	18.59 -1.10 -0.65	15.67 -0.95 -0.76	15.11 -1.11 -0.41	15.71 -0.38 -0.30	15.73 -0.38 -0.31	15.58 -0.43 -0.20	15.64 -0.57 -0.42	15.27 -1.06 -0.48	17.20 -1.18 -0.25	20.14 -1.26 0.00	20.93 -1.13 0.00	21.92 -1.03 0.00	22.54 -1.11 0.00	22.39 -1.25 0.00	22.76 -1.15 0.00	23.79 -0.84 0.00	25.39 -1.03 -0.58	26.17 -1.08 -1.00	26.24 -1.11 -0.91	26.06 -1.03 -0.72	26.24 -0.99 -0.40	25.12 -1.01 -0.26	24.18 -0.80 0.00	24.15 -0.52 0.00
HYLAND___LFGE 323620	19.98 0.21 -0.72	16.75 0.05 -0.84	16.17 -0.09 -0.45	15.95 -0.17 -0.33	15.98 -0.16 -0.34	15.87 -0.16 -0.22	16.08 -0.17 -0.47	16.14 -0.24 -0.53	17.99 -0.42 -0.27	20.77 -0.64 0.00	21.00 -1.06 0.00	21.78 -1.17 0.00	22.39 -1.25 0.00	22.30 -1.35 0.00	22.60 -1.32 0.00	23.54 -1.08 0.00	25.53 -0.96 -0.64	26.85 -0.50 -1.10	27.49 0.05 -1.01	27.77 0.61 -0.79	28.29 1.02 -0.44	27.19 1.04 -0.28	25.86 0.87 0.00	25.40 0.74 0.00
INDECK___CORINTH 23802	26.34 1.26 -6.03	23.93 1.02 -7.06	20.58 0.96 -3.81	19.50 0.95 -2.75	19.65 0.95 -2.90	18.66 0.98 -1.88	20.66 0.95 -3.92	21.31 0.97 -4.50	21.63 1.22 -2.28	22.89 1.48 -0.01	23.47 1.41 0.00	24.49 1.54 0.00	25.04 1.39 0.00	25.04 1.39 0.00	25.47 1.55 0.00	26.25 1.62 0.00	32.79 1.68 -5.27	37.21 1.71 -9.25	36.93 2.01 -8.49	35.15 2.11 -6.67	32.86 2.31 -3.72	30.57 2.30 -2.39	27.13 2.15 0.00	26.64 1.97 0.00
INDECK___ILION 23567	19.20 0.15 0.00	15.99 0.13 0.00	15.94 0.13 0.00	15.95 0.16 0.00	15.95 0.16 0.00	15.96 0.16 0.00	15.93 0.14 0.00	15.96 0.11 0.00	18.30 0.16 0.00	21.62 0.21 0.00	22.30 0.24 0.00	23.20 0.25 0.00	23.91 0.26 0.00	23.93 0.28 0.00	24.20 0.29 0.00	24.95 0.32 0.00	26.12 0.28 0.00	26.57 0.32 0.00	26.75 0.32 0.00	26.69 0.32 0.00	27.15 0.32 0.00	26.16 0.28 0.00	25.31 0.32 0.00	24.98 0.32 0.00
INDECK___OLEAN 23982	18.33 -1.49 -0.77	15.49 -1.27 -0.90	14.87 -1.42 -0.48	14.63 -1.52 -0.35	14.66 -1.50 -0.37	14.49 -1.55 -0.24	14.79 -1.50 -0.50	15.10 -1.31 -0.57	16.95 -1.47 -0.29	20.72 -0.69 0.00	21.29 -0.77 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.73 -0.92 0.00	23.12 -0.79 0.00	24.13 -0.49 0.00	25.13 -1.40 -0.69	26.06 -1.37 -1.17	26.16 -1.35 -1.08	25.90 -1.32 -0.85	25.96 -1.34 -0.47	24.83 -1.35 -0.30	24.53 -0.45 0.00	24.14 -0.52 0.00
INDECK___OSWEGO 23783	19.07 -0.29 -0.31	15.97 -0.25 -0.36	15.71 -0.30 -0.20	15.62 -0.32 -0.14	15.63 -0.32 -0.15	15.58 -0.32 -0.10	15.67 -0.32 -0.20	15.77 -0.30 -0.23	17.96 -0.29 -0.12	21.17 -0.24 0.00	21.80 -0.26 0.00	22.65 -0.30 0.00	23.29 -0.35 0.00	23.32 -0.33 0.00	23.55 -0.36 0.00	24.18 -0.44 0.00	25.63 -0.49 -0.28	26.23 -0.50 -0.48	26.39 -0.48 -0.44	26.27 -0.45 -0.34	26.54 -0.48 -0.19	25.58 -0.41 -0.12	24.63 -0.35 0.00	24.42 -0.25 0.00
INDECK___YERKES 23781	18.83 -0.86 -0.63	15.81 -0.79 -0.74	15.26 -0.95 -0.40	15.03 -1.06 -0.29	15.06 -1.04 -0.31	14.93 -1.08 -0.20	15.17 -1.03 -0.41	15.40 -0.92 -0.47	17.38 -1.00 -0.24	20.81 -0.60 0.00	21.31 -0.75 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.68 -0.97 0.00	23.07 -0.84 0.00	24.08 -0.54 0.00	25.68 -0.72 -0.57	26.44 -0.79 -0.97	26.53 -0.79 -0.89	26.36 -0.71 -0.70	26.55 -0.67 -0.39	25.43 -0.70 -0.25	24.43 -0.55 0.00	24.05 -0.62 0.00
INDIAN POINT_GT_1 24139	24.67 1.16 -4.46	22.02 0.94 -5.22	19.55 0.92 -2.82	18.78 0.95 -2.04	18.91 0.96 -2.15	18.16 0.96 -1.39	19.64 0.95 -2.90	20.19 1.01 -3.33	21.09 1.27 -1.69	23.02 1.61 -0.01	23.65 1.59 0.00	24.65 1.70 0.00	25.47 1.82 0.00	25.54 1.89 0.00	25.92 2.01 0.00	26.89 2.27 0.00	32.42 2.45 -4.13	35.59 2.49 -6.85	35.17 2.46 -6.28	33.63 2.32 -4.94	31.86 2.28 -2.75	29.77 2.12 -1.77	26.95 1.97 0.00	26.34 1.68 0.00
INDIAN POINT_GT_2 23659	24.67 1.16 -4.46	22.02 0.94 -5.22	19.55 0.92 -2.82	18.78 0.95 -2.04	18.91 0.96 -2.15	18.16 0.96 -1.39	19.64 0.95 -2.90	20.19 1.01 -3.33	21.09 1.27 -1.69	23.02 1.61 -0.01	23.65 1.59 0.00	24.65 1.70 0.00	25.47 1.82 0.00	25.54 1.89 0.00	25.92 2.01 0.00	26.89 2.27 0.00	32.42 2.45 -4.13	35.59 2.49 -6.85	35.17 2.46 -6.28	33.63 2.32 -4.94	31.86 2.28 -2.75	29.77 2.12 -1.77	26.95 1.97 0.00	26.34 1.68 0.00
INDIAN POINT_GT_3 24019	24.67 1.16 -4.46	22.02 0.94 -5.22	19.55 0.92 -2.82	18.78 0.95 -2.04	18.91 0.96 -2.15	18.16 0.96 -1.39	19.64 0.95 -2.90	20.19 1.01 -3.33	21.09 1.27 -1.69	23.02 1.61 -0.01	23.65 1.59 0.00	24.65 1.70 0.00	25.47 1.82 0.00	25.54 1.89 0.00	25.92 2.01 0.00	26.89 2.27 0.00	32.42 2.45 -4.13	35.59 2.49 -6.85	35.17 2.46 -6.28	33.63 2.32 -4.94	31.86 2.28 -2.75	29.77 2.12 -1.77	26.95 1.97 0.00	26.34 1.68 0.00
INDIAN POINT___2 23530	24.54 1.10 -4.38	21.88 0.89 -5.13	19.48 0.90 -2.77	18.67 0.87 -2.00	18.79 0.88 -2.11	18.05 0.88 -1.37	19.52 0.88 -2.85	20.10 0.98 -3.27	21.02 1.23 -1.66	22.87 1.46 -0.01	23.60 1.54 0.00	24.61 1.65 0.00	25.42 1.77 0.00	25.44 1.80 0.00	25.87 1.96 0.00	26.84 2.22 0.00	32.31 2.40 -4.07	35.42 2.41 -6.75	35.04 2.41 -6.20	33.49 2.27 -4.85	31.76 2.23 -2.70	29.68 2.07 -1.74	26.88 1.90 0.00	26.27 1.60 0.00
INDIAN POINT___3 23531	24.64 1.12 -4.46	21.99 0.90 -5.23	19.53 0.90 -2.82	18.77 0.93 -2.04	18.89 0.95 -2.15	18.14 0.95 -1.39	19.62 0.93 -2.90	20.16 0.98 -3.33	21.05 1.23 -1.69	22.98 1.56 -0.01	23.60 1.54 0.00	24.60 1.65 0.00	25.40 1.75 0.00	25.49 1.84 0.00	25.85 1.94 0.00	26.82 2.19 0.00	32.35 2.38 -4.13	35.52 2.42 -6.85	35.10 2.38 -6.29	33.55 2.24 -4.94	31.78 2.20 -2.76	29.72 2.07 -1.77	26.88 1.90 0.00	26.27 1.60 0.00
INGHAM_C_115KV_TB7 356103	19.15 0.10 0.00	15.95 0.10 0.00	15.92 0.11 0.00	15.92 0.13 0.00	15.94 0.14 0.00	15.95 0.14 0.00	15.90 0.11 0.00	15.91 0.06 0.00	18.24 0.11 0.00	21.58 0.17 0.00	22.26 0.20 0.00	23.18 0.23 0.00	23.88 0.24 0.00	23.88 0.24 0.00	24.15 0.24 0.00	24.85 0.22 0.00	26.02 0.18 0.00	26.44 0.18 0.00	26.62 0.19 0.00	26.58 0.21 0.00	27.02 0.19 0.00	26.08 0.21 0.00	25.21 0.22 0.00	24.91 0.25 0.00
IP CORINTH___1 23988	26.34 1.26 -6.03	23.93 1.02 -7.06	20.60 0.98 -3.81	19.56 1.01 -2.75	19.71 1.01 -2.90	18.73 1.04 -1.88	20.70 0.99 -3.92	21.31 0.97 -4.50	21.63 1.21 -2.28	22.91 1.50 -0.01	23.47 1.41 0.00	24.49 1.54 0.00	25.04 1.40 0.00	25.09 1.44 0.00	25.47 1.55 0.00	26.30 1.67 0.00	32.79 1.68 -5.27	37.21 1.71 -9.25	36.93 2.01 -8.49	35.15 2.11 -6.67	32.86 2.31 -3.72	30.57 2.30 -2.39	27.13 2.15 0.00	26.64 1.97 0.00

IP___TICONDEROGA 23804	27.05 1.98 -6.02	24.49 1.59 -7.05	21.15 1.53 -3.80	20.09 1.55 -2.75	20.24 1.55 -2.90	19.29 1.61 -1.88	21.23 1.53 -3.91	21.83 1.49 -4.50	22.30 1.89 -2.28	23.75 2.33 -0.01	24.42 2.36 0.00	25.55 2.59 0.00	26.08 2.44 0.00	26.15 2.51 0.00	26.57 2.65 0.00	27.46 2.83 0.00	34.00 2.89 -5.27	38.41 2.91 -9.24	38.14 3.22 -8.48	36.46 3.43 -6.66	34.19 3.65 -3.72	31.89 3.62 -2.39	28.35 3.37 0.00	27.82 3.16 0.00
ISLIP_RES_REC 323679	35.07 1.87 -14.16	32.86 1.52 -15.48	28.16 1.57 -10.79	24.38 1.53 -7.06	24.82 1.55 -7.47	24.60 1.56 -7.23	24.96 1.56 -7.61	27.74 1.68 -10.21	30.10 1.98 -9.99	32.37 2.27 -8.69	32.88 2.40 -8.42	34.08 2.55 -8.58	37.39 2.67 -11.07	37.56 2.72 -11.20	39.54 2.89 -12.73	46.65 3.18 -18.85	44.55 3.41 -15.30	52.02 3.49 -22.27	42.24 3.52 -12.29	41.26 3.38 -11.52	42.12 3.27 -12.02	37.57 3.08 -8.62	35.57 2.85 -7.75	33.81 2.54 -6.61
JAMAICA__27_KV_LOAD 355505	24.97 1.41 -4.51	22.23 1.09 -5.28	19.77 1.11 -2.85	18.98 1.12 -2.06	19.12 1.15 -2.17	18.36 1.15 -1.41	19.86 1.14 -2.93	20.45 1.24 -3.37	21.40 1.56 -1.71	23.43 2.01 -0.01	24.07 2.01 0.00	25.09 2.13 0.00	25.94 2.29 0.00	26.04 2.39 0.00	26.45 2.53 0.00	27.48 2.86 0.00	33.13 3.10 -4.19	36.25 3.07 -6.92	35.85 3.07 -6.36	34.24 2.87 -4.99	32.51 2.90 -2.78	30.33 2.66 -1.79	27.43 2.45 0.00	26.71 2.05 0.00
JANIS___SOLAR 323808	20.89 0.67 -1.17	17.72 0.49 -1.37	16.94 0.40 -0.74	16.68 0.35 -0.53	16.71 0.35 -0.56	16.53 0.36 -0.36	16.91 0.36 -0.76	17.08 0.36 -0.87	19.01 0.43 -0.44	22.07 0.66 0.00	22.68 0.62 0.00	23.62 0.67 0.00	24.33 0.69 0.00	24.40 0.76 0.00	24.70 0.79 0.00	25.51 0.89 0.00	27.77 0.88 -1.05	29.02 0.97 -1.79	29.24 1.16 -1.65	28.93 1.27 -1.29	28.84 1.29 -0.72	27.58 1.24 -0.46	26.28 1.30 0.00	25.90 1.23 0.00
JARVIS____ 23743	19.18 0.13 0.00	15.97 0.11 0.00	15.91 0.10 0.00	15.89 0.10 0.00	15.89 0.10 0.00	15.90 0.10 0.00	15.88 0.10 0.00	15.94 0.10 0.00	18.26 0.13 0.00	21.58 0.17 0.00	22.24 0.18 0.00	23.13 0.18 0.00	23.86 0.21 0.00	23.86 0.21 0.00	24.15 0.24 0.00	24.87 0.25 0.00	26.10 0.26 0.00	26.52 0.26 0.00	26.70 0.26 0.00	26.64 0.26 0.00	27.10 0.27 0.00	26.13 0.26 0.00	25.26 0.28 0.00	24.91 0.25 0.00
JENNISON___1 23625	21.35 0.82 -1.48	18.24 0.65 -1.73	17.31 0.57 -0.93	17.15 0.68 -0.67	17.20 0.70 -0.71	16.94 0.68 -0.46	17.41 0.66 -0.96	17.49 0.54 -1.10	19.38 0.69 -0.56	22.35 0.94 0.00	23.05 0.99 0.00	24.08 1.12 0.00	24.78 1.14 0.00	24.88 1.23 0.00	25.20 1.29 0.00	26.05 1.43 0.00	28.58 1.42 -1.32	29.99 1.47 -2.27	30.05 1.53 -2.08	29.62 1.61 -1.63	29.35 1.61 -0.91	27.96 1.50 -0.59	26.56 1.57 0.00	26.24 1.58 0.00
JENNISON___2 23626	21.35 0.82 -1.48	18.24 0.65 -1.73	17.31 0.57 -0.93	17.15 0.68 -0.67	17.20 0.70 -0.71	16.94 0.68 -0.46	17.41 0.66 -0.96	17.49 0.54 -1.10	19.38 0.69 -0.56	22.35 0.94 0.00	23.05 0.99 0.00	24.08 1.12 0.00	24.78 1.14 0.00	24.88 1.23 0.00	25.20 1.29 0.00	26.05 1.43 0.00	28.58 1.42 -1.32	29.99 1.47 -2.27	30.05 1.53 -2.08	29.62 1.61 -1.63	29.35 1.61 -0.91	27.96 1.50 -0.59	26.56 1.57 0.00	26.24 1.58 0.00
JERICHO_RISE_WT_PWR 323719	18.44 -0.61 0.00	15.34 -0.52 0.00	15.29 -0.52 0.00	15.24 -0.55 0.00	15.23 -0.57 0.00	15.20 -0.60 0.00	15.20 -0.58 0.00	15.21 -0.63 0.00	17.32 -0.82 0.00	20.25 -1.16 0.00	20.89 -1.17 0.00	21.69 -1.26 0.00	22.35 -1.30 0.00	22.32 -1.32 0.00	22.38 -1.53 0.00	23.00 -1.63 0.00	24.11 -1.73 0.00	24.47 -1.79 0.00	24.66 -1.77 0.00	24.61 -1.77 0.00	25.11 -1.72 0.00	24.19 -1.68 0.00	23.31 -1.67 0.00	23.08 -1.58 0.00
KATONAH___115KV_46KV_TB4 355592	24.90 1.22 -4.63	22.26 0.98 -5.42	19.70 0.96 -2.92	18.91 1.00 -2.11	19.04 1.01 -2.23	18.26 1.01 -1.44	19.79 0.99 -3.01	20.38 1.08 -3.46	21.24 1.36 -1.75	23.15 1.73 -0.01	23.78 1.72 0.00	24.79 1.84 0.00	25.63 1.99 0.00	25.68 2.03 0.00	26.18 2.27 0.00	27.19 2.56 0.00	32.83 2.71 -4.28	36.09 2.73 -7.11	35.68 2.72 -6.52	34.08 2.58 -5.12	32.24 2.55 -2.86	30.09 2.38 -1.84	27.18 2.20 0.00	26.56 1.90 0.00
KCE_NY_1 323755	26.17 1.10 -6.01	23.78 0.89 -7.04	20.46 0.85 -3.80	19.38 0.84 -2.75	19.53 0.84 -2.89	18.53 0.85 -1.87	20.53 0.84 -3.91	21.17 0.84 -4.49	21.46 1.05 -2.27	22.66 1.24 -0.01	23.34 1.28 0.00	24.33 1.38 0.00	25.02 1.37 0.00	25.02 1.37 0.00	25.42 1.51 0.00	26.20 1.58 0.00	32.72 1.63 -5.25	37.13 1.65 -9.22	36.64 1.74 -8.47	34.84 1.82 -6.65	32.47 1.93 -3.71	30.15 1.89 -2.39	26.78 1.80 0.00	26.32 1.65 0.00
KCE_NY_6_ESR 323823	18.76 -0.97 -0.68	15.77 -0.89 -0.79	15.20 -1.04 -0.43	14.97 -1.14 -0.31	14.98 -1.14 -0.33	14.85 -1.17 -0.21	15.12 -1.11 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.81 -0.60 0.00	21.33 -0.73 0.00	22.20 -0.76 0.00	22.82 -0.83 0.00	22.73 -0.92 0.00	23.10 -0.81 0.00	24.13 -0.49 0.00	25.60 -0.85 -0.61	26.40 -0.89 -1.04	26.49 -0.90 -0.96	26.31 -0.82 -0.75	26.44 -0.80 -0.42	25.34 -0.80 -0.27	24.51 -0.48 0.00	24.10 -0.57 0.00
KEDC_PORT_JEFF_GT2 24210	34.94 1.73 -14.16	32.75 1.41 -15.48	28.05 1.45 -10.79	24.27 1.42 -7.06	24.72 1.45 -7.47	24.49 1.45 -7.23	24.85 1.45 -7.61	27.63 1.57 -10.21	29.97 1.85 -9.99	32.20 2.10 -8.69	32.70 2.23 -8.42	33.88 2.34 -8.58	37.13 2.41 -11.07	37.30 2.46 -11.20	39.18 2.53 -12.73	46.21 2.73 -18.85	44.11 2.97 -15.30	51.55 3.02 -22.27	41.81 3.09 -12.29	40.92 3.03 -11.52	41.80 2.95 -12.02	37.26 2.77 -8.62	35.30 2.57 -7.75	33.59 2.32 -6.61
KEDC_PORT_JEFF_GT3 24211	34.94 1.73 -14.16	32.75 1.41 -15.48	28.05 1.45 -10.79	24.27 1.42 -7.06	24.72 1.45 -7.47	24.49 1.45 -7.23	24.85 1.45 -7.61	27.63 1.57 -10.21	29.97 1.85 -9.99	32.20 2.10 -8.69	32.70 2.23 -8.42	33.88 2.34 -8.58	37.13 2.41 -11.07	37.30 2.46 -11.20	39.18 2.53 -12.73	46.21 2.73 -18.85	44.11 2.97 -15.30	51.55 3.02 -22.27	41.81 3.09 -12.29	40.92 3.03 -11.52	41.80 2.95 -12.02	37.26 2.77 -8.62	35.30 2.57 -7.75	33.59 2.32 -6.61
KEDC_GLWD_GT4 24219	34.77 1.56 -14.16	32.61 1.27 -15.48	27.86 1.27 -10.79	24.08 1.23 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.64 1.25 -7.61	27.44 1.38 -10.21	29.83 1.70 -9.99	32.11 2.01 -8.69	32.64 2.16 -8.42	33.88 2.34 -8.58	37.13 2.41 -11.07	37.19 2.34 -11.20	39.18 2.53 -12.73	46.26 2.78 -18.85	44.14 3.00 -15.30	51.55 3.02 -22.28	41.71 2.99 -12.29	40.74 2.85 -11.52	41.64 2.79 -12.02	37.10 2.61 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
KEDC_GLWD_GT5 24220	34.77 1.56 -14.16	32.61 1.27 -15.48	27.86 1.27 -10.79	24.08 1.23 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.64 1.25 -7.61	27.44 1.38 -10.21	29.83 1.70 -9.99	32.11 2.01 -8.69	32.64 2.16 -8.42	33.88 2.34 -8.58	37.13 2.41 -11.07	37.19 2.34 -11.20	39.18 2.53 -12.73	46.26 2.78 -18.85	44.14 3.00 -15.30	51.55 3.02 -22.28	41.71 2.99 -12.29	40.74 2.85 -11.52	41.64 2.79 -12.02	37.10 2.61 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61

KENSICO____ 23655	24.75 1.20 -4.50	22.10 0.97 -5.27	19.62 0.96 -2.84	18.85 1.00 -2.06	18.97 1.01 -2.17	18.22 1.01 -1.40	19.71 0.99 -2.93	20.27 1.06 -3.36	21.16 1.32 -1.70	23.11 1.69 -0.01	23.74 1.68 0.00	24.74 1.79 0.00	25.54 1.89 0.00	25.63 1.99 0.00	25.99 2.08 0.00	26.99 2.36 0.00	32.57 2.56 -4.17	35.74 2.57 -6.91	35.34 2.56 -6.34	33.76 2.40 -4.98	31.97 2.36 -2.78	29.86 2.20 -1.79	27.00 2.02 0.00	26.39 1.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.41 1.05 -4.31	21.73 0.82 -5.04	19.32 0.79 -2.72	18.57 0.81 -1.97	18.71 0.84 -2.07	18.00 0.85 -1.34	19.39 0.81 -2.80	19.85 0.79 -3.22	20.80 1.03 -1.63	22.76 1.35 -0.01	23.36 1.30 0.00	24.31 1.35 0.00	25.07 1.42 0.00	24.97 1.32 0.00	25.39 1.48 0.00	26.35 1.72 0.00	31.71 1.94 -3.93	34.89 2.02 -6.61	34.54 2.04 -6.07	33.06 1.93 -4.77	31.37 1.88 -2.66	29.52 1.94 -1.71	26.80 1.82 0.00	26.22 1.55 0.00
KIAC_JFK_GT1 23816	24.86 1.30 -4.51	22.16 1.02 -5.28	19.67 1.01 -2.85	18.90 1.04 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.78 1.06 -2.93	20.37 1.16 -3.37	21.31 1.47 -1.71	23.32 1.91 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.80 2.15 0.00	25.89 2.25 0.00	26.28 2.37 0.00	27.34 2.71 0.00	32.98 2.95 -4.19	35.99 2.81 -6.92	35.59 2.80 -6.36	33.98 2.61 -4.99	32.32 2.71 -2.78	30.17 2.51 -1.79	27.25 2.27 0.00	26.56 1.90 0.00
KIAC_JFK_GT2 23817	24.86 1.30 -4.51	22.16 1.02 -5.28	19.67 1.01 -2.85	18.90 1.04 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.78 1.06 -2.93	20.37 1.16 -3.37	21.31 1.47 -1.71	23.32 1.91 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.80 2.15 0.00	25.89 2.25 0.00	26.28 2.37 0.00	27.34 2.71 0.00	32.98 2.95 -4.19	35.99 2.81 -6.92	35.59 2.80 -6.36	33.98 2.61 -4.99	32.32 2.71 -2.78	30.17 2.51 -1.79	27.25 2.27 0.00	26.56 1.90 0.00
KIAC_JFK____ 323774	24.82 1.26 -4.51	22.14 1.00 -5.28	19.67 1.01 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.22 1.01 -1.41	19.73 1.01 -2.93	20.37 1.16 -3.37	21.31 1.47 -1.71	23.13 1.71 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.80 2.15 0.00	25.85 2.20 0.00	26.30 2.39 0.00	27.34 2.71 0.00	33.00 2.94 -4.22	36.03 2.81 -6.97	35.63 2.80 -6.39	33.98 2.61 -4.99	32.32 2.71 -2.78	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
KINTIGH____ 23543	18.77 -0.84 -0.56	15.78 -0.73 -0.65	15.31 -0.85 -0.35	15.81 -0.24 -0.25	15.84 -0.22 -0.27	15.71 -0.27 -0.17	15.75 -0.39 -0.36	15.43 -0.82 -0.41	17.47 -0.87 -0.21	20.27 -1.13 0.00	21.04 -1.01 0.00	22.01 -0.94 0.00	22.63 -1.02 0.00	22.49 -1.16 0.00	22.84 -1.08 0.00	23.79 -0.84 0.00	25.56 -0.78 -0.50	26.32 -0.79 -0.85	26.40 -0.82 -0.78	26.22 -0.76 -0.61	26.45 -0.72 -0.34	25.37 -0.72 -0.22	24.18 -0.80 0.00	24.10 -0.57 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.59 -0.46 0.00	15.46 -0.40 0.00	15.40 -0.41 0.00	15.15 -0.65 0.00	15.10 -0.70 0.00	15.12 -0.68 0.00	15.19 -0.60 0.00	15.35 -0.49 0.00	17.48 -0.65 0.00	20.40 -1.01 0.00	21.04 -1.01 0.00	21.80 -1.15 0.00	22.47 -1.18 0.00	22.44 -1.21 0.00	22.64 -1.27 0.00	23.15 -1.48 0.00	24.26 -1.58 0.00	24.63 -1.63 0.00	24.79 -1.64 0.00	24.79 -1.58 0.00	25.30 -1.53 0.00	24.37 -1.50 0.00	23.43 -1.55 0.00	23.13 -1.53 0.00
LACHUTE__HYDRO 323717	27.05 1.98 -6.02	24.49 1.59 -7.05	21.13 1.52 -3.80	20.02 1.47 -2.75	20.15 1.45 -2.90	19.21 1.53 -1.88	21.17 1.47 -3.91	21.83 1.49 -4.50	22.30 1.89 -2.28	23.75 2.33 -0.01	24.42 2.36 0.00	25.55 2.59 0.00	26.08 2.44 0.00	26.11 2.46 0.00	26.57 2.65 0.00	27.41 2.78 0.00	34.00 2.89 -5.26	38.41 2.91 -9.24	38.14 3.22 -8.48	36.46 3.43 -6.66	34.19 3.65 -3.72	31.89 3.62 -2.39	28.35 3.37 0.00	27.80 3.13 0.00
LAWRNCV_115KV_TB1 80681	18.29 -0.76 0.00	15.26 -0.60 0.00	15.24 -0.57 0.00	15.04 -0.76 0.00	15.04 -0.76 0.00	15.06 -0.74 0.00	15.11 -0.68 0.00	15.26 -0.59 0.00	17.35 -0.78 0.00	20.32 -1.09 0.00	20.93 -1.13 0.00	21.71 -1.24 0.00	22.35 -1.30 0.00	22.37 -1.28 0.00	22.62 -1.29 0.00	22.83 -1.80 0.00	23.98 -1.86 0.00	24.36 -1.89 0.00	24.56 -1.88 0.00	24.61 -1.77 0.00	25.09 -1.74 0.00	24.14 -1.73 0.00	23.26 -1.72 0.00	22.91 -1.75 0.00
LEDERLE____ 23769	24.58 1.22 -4.31	21.88 0.98 -5.04	19.50 0.96 -2.72	18.76 1.00 -1.97	18.88 1.01 -2.07	18.16 1.01 -1.34	19.58 0.99 -2.80	20.09 1.03 -3.22	21.07 1.31 -1.63	23.06 1.65 -0.01	23.69 1.63 0.00	24.70 1.74 0.00	25.49 1.84 0.00	25.59 1.94 0.00	25.97 2.06 0.00	26.94 2.31 0.00	32.35 2.53 -3.98	35.44 2.57 -6.61	35.04 2.54 -6.07	33.54 2.40 -4.76	31.85 2.36 -2.66	29.78 2.20 -1.71	27.00 2.02 0.00	26.39 1.73 0.00
LIGHTHSE_115KV_TB6 355974	19.12 -0.21 -0.28	15.99 -0.21 -0.33	15.74 -0.25 -0.18	15.77 -0.16 -0.13	15.77 -0.16 -0.14	15.70 -0.19 -0.09	15.74 -0.24 -0.18	15.74 -0.32 -0.21	17.91 -0.33 -0.11	21.15 -0.26 0.00	21.79 -0.26 0.00	22.68 -0.28 0.00	23.32 -0.33 0.00	23.29 -0.35 0.00	23.51 -0.41 0.00	24.18 -0.44 0.00	25.60 -0.49 -0.25	26.22 -0.47 -0.44	26.44 -0.40 -0.40	26.37 -0.32 -0.31	26.71 -0.30 -0.18	25.75 -0.23 -0.11	24.81 -0.17 0.00	24.61 -0.05 0.00
LINDEN COGEN____ 23786	24.78 1.22 -4.51	22.11 0.97 -5.28	19.66 1.00 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.19 0.98 -1.41	19.70 0.98 -2.93	20.34 1.13 -3.37	21.24 1.40 -1.71	23.04 1.63 -0.01	23.82 1.77 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.73 2.08 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.85 2.79 -4.22	36.03 2.81 -6.97	35.60 2.77 -6.39	33.95 2.59 -4.99	32.11 2.50 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.41 1.75 0.00
LINDHRST_69_KV_BK1 356055	34.98 1.77 -14.16	32.78 1.44 -15.48	28.04 1.44 -10.79	24.34 1.48 -7.06	24.77 1.50 -7.47	24.54 1.50 -7.23	24.88 1.48 -7.61	27.59 1.54 -10.21	29.97 1.85 -9.99	32.41 2.31 -8.69	32.82 2.34 -8.42	34.01 2.48 -8.58	37.34 2.62 -11.07	37.59 2.74 -11.20	39.47 2.82 -12.73	46.60 3.13 -18.85	44.50 3.38 -15.28	51.90 3.41 -22.23	42.09 3.41 -12.25	41.16 3.27 -11.52	42.10 3.25 -12.02	37.54 3.05 -8.62	35.55 2.82 -7.75	33.79 2.52 -6.61
LIPA_MISC_IPP 23656	34.96 1.75 -14.16	32.77 1.43 -15.48	28.10 1.50 -10.79	24.40 1.55 -7.06	24.85 1.58 -7.47	24.62 1.58 -7.23	24.97 1.58 -7.61	27.66 1.60 -10.21	30.01 1.89 -9.99	32.31 2.20 -8.69	32.70 2.23 -8.42	33.88 2.34 -8.58	37.18 2.46 -11.07	37.40 2.55 -11.20	39.30 2.65 -12.73	46.46 2.98 -18.85	44.32 3.20 -15.28	51.74 3.26 -22.23	41.96 3.28 -12.25	41.00 3.11 -11.52	41.86 3.00 -12.02	37.31 2.82 -8.62	35.33 2.60 -7.75	33.59 2.32 -6.61
LISF__SOLAR 323691	34.98 1.77 -14.16	32.78 1.44 -15.48	28.12 1.52 -10.79	24.34 1.48 -7.06	24.78 1.52 -7.47	24.55 1.52 -7.23	24.91 1.52 -7.61	27.69 1.63 -10.21	30.01 1.89 -9.99	32.22 2.12 -8.69	32.73 2.25 -8.42	33.92 2.39 -8.58	37.22 2.51 -11.07	37.40 2.55 -11.20	39.39 2.75 -12.73	46.50 3.03 -18.85	44.42 3.28 -15.30	51.86 3.33 -22.27	42.08 3.36 -12.29	41.08 3.19 -11.52	41.94 3.08 -12.02	37.39 2.90 -8.62	35.37 2.65 -7.75	33.62 2.34 -6.61

LITTLE FALLS___HYD 24013	19.15 0.10 0.00	15.95 0.10 0.00	15.92 0.11 0.00	15.92 0.13 0.00	15.94 0.14 0.00	15.95 0.14 0.00	15.90 0.11 0.00	15.91 0.06 0.00	18.24 0.11 0.00	21.58 0.17 0.00	22.26 0.20 0.00	23.18 0.23 0.00	23.88 0.24 0.00	23.88 0.24 0.00	24.15 0.24 0.00	24.85 0.22 0.00	26.02 0.18 0.00	26.44 0.18 0.00	26.62 0.19 0.00	26.58 0.21 0.00	27.02 0.19 0.00	26.08 0.21 0.00	25.21 0.22 0.00	24.91 0.25 0.00
LITTLRIV_115KV_TB1 356100	18.42 -0.63 0.00	15.37 -0.49 0.00	15.37 -0.44 0.00	15.15 -0.65 0.00	15.13 -0.66 0.00	15.17 -0.63 0.00	15.22 -0.57 0.00	15.35 -0.49 0.00	17.46 -0.67 0.00	20.42 -0.98 0.00	21.07 -0.99 0.00	21.83 -1.12 0.00	22.47 -1.18 0.00	22.51 -1.14 0.00	22.76 -1.15 0.00	23.00 -1.63 0.00	24.16 -1.68 0.00	24.55 -1.71 0.00	24.77 -1.67 0.00	24.87 -1.50 0.00	25.38 -1.45 0.00	24.37 -1.50 0.00	23.48 -1.50 0.00	23.16 -1.50 0.00
LI_NEWBRDGE___DRP 323616	34.63 1.43 -14.16	32.50 1.16 -15.48	27.75 1.15 -10.79	24.04 1.18 -7.06	24.48 1.22 -7.47	24.25 1.22 -7.23	24.58 1.18 -7.61	27.31 1.25 -10.21	29.66 1.54 -9.99	32.05 1.95 -8.69	32.42 1.94 -8.42	33.58 2.04 -8.58	36.89 2.18 -11.07	37.12 2.27 -11.20	38.99 2.34 -12.73	46.11 2.64 -18.85	43.96 2.84 -15.28	51.37 2.89 -22.23	41.54 2.85 -12.25	40.60 2.72 -11.52	41.51 2.66 -12.02	36.97 2.48 -8.62	35.03 2.30 -7.75	33.27 2.00 -6.61
LOCKPORT_115KV_TB60_63_64 80432	18.61 -1.05 -0.60	15.66 -0.90 -0.71	15.12 -1.08 -0.38	15.87 -0.21 -0.28	15.88 -0.21 -0.29	15.74 -0.25 -0.19	15.69 -0.49 -0.39	15.27 -1.03 -0.45	17.22 -1.14 -0.23	20.12 -1.28 0.00	20.91 -1.15 0.00	21.92 -1.03 0.00	22.51 -1.14 0.00	22.37 -1.28 0.00	22.74 -1.17 0.00	23.79 -0.84 0.00	25.40 -0.98 -0.54	26.13 -1.05 -0.93	26.25 -1.03 -0.85	26.09 -0.95 -0.67	26.32 -0.89 -0.37	25.21 -0.91 -0.24	24.18 -0.80 0.00	24.15 -0.52 0.00
LOCKPORT___CC1 323769	18.63 -1.03 -0.61	15.65 -0.92 -0.71	15.12 -1.08 -0.38	14.91 -1.17 -0.28	14.92 -1.17 -0.29	14.79 -1.20 -0.19	15.05 -1.14 -0.40	15.25 -1.05 -0.46	17.22 -1.14 -0.23	20.57 -0.84 0.00	21.07 -0.99 0.00	21.90 -1.06 0.00	22.49 -1.16 0.00	22.39 -1.25 0.00	22.76 -1.15 0.00	23.76 -0.86 0.00	25.38 -1.01 -0.55	26.14 -1.05 -0.94	26.23 -1.06 -0.86	26.10 -0.95 -0.67	26.27 -0.94 -0.38	25.18 -0.93 -0.24	24.16 -0.82 0.00	23.78 -0.89 0.00
LOCKPORT___CC2 323770	18.63 -1.03 -0.61	15.65 -0.92 -0.71	15.12 -1.08 -0.38	14.91 -1.17 -0.28	14.92 -1.17 -0.29	14.79 -1.20 -0.19	15.05 -1.14 -0.40	15.25 -1.05 -0.46	17.22 -1.14 -0.23	20.57 -0.84 0.00	21.07 -0.99 0.00	21.90 -1.06 0.00	22.49 -1.16 0.00	22.39 -1.25 0.00	22.76 -1.15 0.00	23.76 -0.86 0.00	25.38 -1.01 -0.55	26.14 -1.05 -0.94	26.23 -1.06 -0.86	26.10 -0.95 -0.67	26.27 -0.94 -0.38	25.18 -0.93 -0.24	24.16 -0.82 0.00	23.78 -0.89 0.00
LOCKPORT___CC3 323771	18.63 -1.03 -0.61	15.65 -0.92 -0.71	15.12 -1.08 -0.38	14.91 -1.17 -0.28	14.92 -1.17 -0.29	14.79 -1.20 -0.19	15.05 -1.14 -0.40	15.25 -1.05 -0.46	17.22 -1.14 -0.23	20.57 -0.84 0.00	21.07 -0.99 0.00	21.90 -1.06 0.00	22.49 -1.16 0.00	22.39 -1.25 0.00	22.76 -1.15 0.00	23.76 -0.86 0.00	25.38 -1.01 -0.55	26.14 -1.05 -0.94	26.23 -1.06 -0.86	26.10 -0.95 -0.67	26.27 -0.94 -0.38	25.18 -0.93 -0.24	24.16 -0.82 0.00	23.78 -0.89 0.00
LONG_LAKE_PHOENIX 24014	19.18 -0.19 -0.32	16.06 -0.17 -0.37	15.79 -0.22 -0.20	15.83 -0.11 -0.15	15.84 -0.11 -0.15	15.79 -0.11 -0.10	15.85 -0.14 -0.21	15.88 -0.21 -0.24	18.06 -0.20 -0.12	21.24 -0.17 0.00	21.90 -0.15 0.00	22.79 -0.16 0.00	23.46 -0.19 0.00	23.41 -0.24 0.00	23.63 -0.29 0.00	24.33 -0.30 0.00	25.82 -0.31 -0.29	26.43 -0.32 -0.49	26.59 -0.29 -0.45	26.44 -0.29 -0.35	26.73 -0.30 -0.20	25.77 -0.23 -0.13	24.78 -0.20 0.00	24.61 -0.05 0.00
LOVETT___3 23632	24.48 1.10 -4.33	21.83 0.90 -5.06	19.43 0.89 -2.73	18.69 0.92 -1.98	18.81 0.93 -2.08	18.08 0.93 -1.35	19.50 0.90 -2.81	20.04 0.97 -3.23	20.98 1.21 -1.64	22.95 1.54 -0.01	23.58 1.52 0.00	24.56 1.61 0.00	25.37 1.73 0.00	25.47 1.82 0.00	25.83 1.91 0.00	26.79 2.17 0.00	32.19 2.35 -4.00	35.28 2.39 -6.64	34.91 2.38 -6.09	33.38 2.22 -4.79	31.67 2.17 -2.67	29.64 2.04 -1.72	26.85 1.87 0.00	26.24 1.58 0.00
LOVETT___4 23642	24.48 1.10 -4.33	21.83 0.90 -5.06	19.43 0.89 -2.73	18.69 0.92 -1.98	18.81 0.93 -2.08	18.08 0.93 -1.35	19.50 0.90 -2.81	20.04 0.97 -3.23	20.98 1.21 -1.64	22.95 1.54 -0.01	23.58 1.52 0.00	24.56 1.61 0.00	25.37 1.73 0.00	25.47 1.82 0.00	25.83 1.91 0.00	26.79 2.17 0.00	32.19 2.35 -4.00	35.28 2.39 -6.64	34.91 2.38 -6.09	33.38 2.22 -4.79	31.67 2.17 -2.67	29.64 2.04 -1.72	26.85 1.87 0.00	26.24 1.58 0.00
LOVETT___5 23593	24.48 1.10 -4.33	21.83 0.90 -5.06	19.43 0.89 -2.73	18.69 0.92 -1.98	18.81 0.93 -2.08	18.08 0.93 -1.35	19.50 0.90 -2.81	20.04 0.97 -3.23	20.98 1.21 -1.64	22.95 1.54 -0.01	23.58 1.52 0.00	24.56 1.61 0.00	25.37 1.73 0.00	25.47 1.82 0.00	25.83 1.91 0.00	26.79 2.17 0.00	32.19 2.35 -4.00	35.28 2.39 -6.64	34.91 2.38 -6.09	33.38 2.22 -4.79	31.67 2.17 -2.67	29.64 2.04 -1.72	26.85 1.87 0.00	26.24 1.58 0.00
LOWER RAQUET___HYD 24057	18.21 -0.84 0.00	15.19 -0.67 0.00	15.18 -0.63 0.00	15.16 -0.63 0.00	15.18 -0.62 0.00	15.19 -0.62 0.00	15.20 -0.58 0.00	15.18 -0.66 0.00	17.26 -0.87 0.00	20.21 -1.20 0.00	20.82 -1.23 0.00	21.62 -1.33 0.00	22.23 -1.42 0.00	22.28 -1.37 0.00	22.12 -1.79 0.00	22.73 -1.90 0.00	23.87 -1.96 0.00	24.26 -2.00 0.00	24.45 -1.98 0.00	24.53 -1.85 0.00	25.00 -1.83 0.00	24.06 -1.81 0.00	23.16 -1.82 0.00	22.89 -1.78 0.00
LOWER___HUDSON 24059	25.85 0.90 -5.90	23.51 0.75 -6.91	20.25 0.71 -3.73	19.20 0.71 -2.69	19.35 0.71 -2.84	18.35 0.71 -1.84	20.34 0.71 -3.84	20.95 0.70 -4.41	21.22 0.85 -2.23	22.40 0.99 -0.01	23.07 1.02 0.00	24.03 1.08 0.00	24.76 1.11 0.00	24.76 1.11 0.00	25.13 1.22 0.00	25.88 1.26 0.00	32.25 1.29 -5.11	36.62 1.31 -9.05	36.09 1.35 -8.31	34.30 1.40 -6.53	31.92 1.45 -3.64	29.64 1.42 -2.34	26.40 1.42 0.00	25.92 1.26 0.00
LOWVILLE_115KV_TB2 356335	19.05 -0.13 -0.14	15.91 -0.11 -0.16	15.76 -0.14 -0.09	15.72 -0.14 -0.06	15.72 -0.14 -0.07	15.70 -0.14 -0.04	15.72 -0.16 -0.09	15.71 -0.24 -0.10	17.91 -0.27 -0.05	21.13 -0.28 0.00	21.77 -0.29 0.00	22.65 -0.30 0.00	23.27 -0.38 0.00	23.34 -0.31 0.00	23.63 -0.29 0.00	24.23 -0.39 0.00	25.55 -0.41 -0.12	26.07 -0.39 -0.21	26.36 -0.26 -0.19	26.45 -0.08 -0.15	26.86 -0.05 -0.09	25.85 -0.08 -0.05	24.93 -0.05 0.00	24.61 -0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.15 1.09 -6.01	23.78 0.89 -7.04	20.46 0.85 -3.80	19.44 0.90 -2.75	19.57 0.88 -2.89	18.58 0.90 -1.87	20.58 0.88 -3.91	21.17 0.84 -4.49	21.44 1.03 -2.27	22.68 1.26 -0.01	23.34 1.28 0.00	24.33 1.38 0.00	25.00 1.35 0.00	25.07 1.42 0.00	25.39 1.48 0.00	26.20 1.58 0.00	32.72 1.63 -5.25	37.11 1.63 -9.23	36.64 1.74 -8.47	34.84 1.82 -6.65	32.44 1.90 -3.71	30.15 1.89 -2.39	26.78 1.80 0.00	26.29 1.63 0.00

LUTHERNY_35_KV_BK2 355980	26.15 1.09 -6.01	23.78 0.89 -7.04	20.46 0.85 -3.80	19.44 0.90 -2.75	19.59 0.90 -2.89	18.59 0.92 -1.87	20.58 0.88 -3.91	21.17 0.84 -4.49	21.46 1.05 -2.27	22.70 1.28 -0.01	23.34 1.28 0.00	24.33 1.38 0.00	25.02 1.37 0.00	25.07 1.42 0.00	25.42 1.51 0.00	26.23 1.60 0.00	32.72 1.63 -5.25	37.13 1.65 -9.23	36.64 1.74 -8.47	34.84 1.82 -6.65	32.47 1.93 -3.71	30.15 1.89 -2.39	26.80 1.82 0.00	26.32 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	18.54 -0.61 -0.10	15.47 -0.51 -0.12	15.37 -0.51 -0.06	15.24 -0.60 -0.05	15.24 -0.60 -0.05	15.25 -0.58 -0.03	15.29 -0.57 -0.07	15.35 -0.57 -0.08	17.47 -0.71 -0.04	20.53 -0.88 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.63 -1.02 0.00	22.88 -1.03 0.00	23.30 -1.33 0.00	24.53 -1.40 -0.09	25.04 -1.37 -0.16	25.28 -1.30 -0.14	25.35 -1.13 -0.11	25.79 -1.10 -0.06	24.83 -1.09 -0.04	23.91 -1.07 0.00	23.58 -1.09 0.00
LYONS_FALL_HYD 23570	19.30 0.11 -0.13	16.09 0.08 -0.15	15.94 0.05 -0.08	15.89 0.03 -0.06	15.89 0.03 -0.06	15.88 0.03 -0.04	15.90 0.03 -0.08	15.93 -0.02 -0.10	18.18 0.00 -0.05	21.47 0.06 0.00	22.13 0.07 0.00	23.04 0.09 0.00	23.70 0.05 0.00	23.77 0.12 0.00	24.03 0.12 0.00	24.70 0.07 0.00	26.01 0.05 -0.12	26.56 0.11 -0.20	26.80 0.19 -0.18	26.81 0.29 -0.14	27.23 0.32 -0.08	26.21 0.29 -0.05	25.31 0.32 0.00	24.94 0.27 0.00
MADISON___COUNTY_LFGE 323628	19.79 0.50 -0.24	16.54 0.40 -0.28	16.31 0.35 -0.15	16.33 0.43 -0.11	16.34 0.43 -0.12	16.29 0.41 -0.07	16.34 0.39 -0.16	16.34 0.32 -0.18	18.62 0.40 -0.09	21.94 0.54 0.00	22.63 0.57 0.00	23.59 0.64 0.00	24.29 0.64 0.00	24.36 0.71 0.00	24.65 0.74 0.00	25.39 0.76 0.00	26.80 0.75 -0.21	27.41 0.79 -0.37	27.62 0.85 -0.34	27.53 0.90 -0.27	27.89 0.91 -0.15	26.82 0.85 -0.10	25.88 0.90 0.00	25.58 0.91 0.00
MALONE___115KV_TB1 356076	18.42 -0.63 0.00	15.34 -0.52 0.00	15.29 -0.52 0.00	15.05 -0.74 0.00	15.02 -0.77 0.00	15.06 -0.74 0.00	15.13 -0.66 0.00	15.29 -0.55 0.00	17.39 -0.74 0.00	20.32 -1.09 0.00	20.96 -1.10 0.00	21.71 -1.24 0.00	22.35 -1.30 0.00	22.35 -1.30 0.00	22.57 -1.34 0.00	23.00 -1.63 0.00	24.13 -1.71 0.00	24.49 -1.76 0.00	24.66 -1.77 0.00	24.68 -1.69 0.00	25.19 -1.64 0.00	24.24 -1.63 0.00	23.31 -1.67 0.00	23.01 -1.65 0.00
MAPLEWOD_115KV_TB3 80458	25.79 0.88 -5.86	23.45 0.73 -6.86	20.22 0.71 -3.70	19.23 0.76 -2.68	19.36 0.74 -2.82	18.37 0.74 -1.83	20.32 0.73 -3.81	20.90 0.68 -4.38	21.13 0.78 -2.21	22.32 0.90 -0.01	22.99 0.93 0.00	23.94 0.99 0.00	24.71 1.06 0.00	24.74 1.09 0.00	25.06 1.15 0.00	25.83 1.21 0.00	32.15 1.19 -5.12	36.45 1.21 -8.99	35.90 1.22 -8.25	34.09 1.24 -6.48	31.73 1.29 -3.62	29.49 1.29 -2.33	26.26 1.27 0.00	25.77 1.11 0.00
MAPLE_RIDGE_WT_1 323574	18.52 -0.53 0.00	15.38 -0.48 0.00	15.34 -0.47 0.00	15.32 -0.47 0.00	15.31 -0.49 0.00	15.31 -0.49 0.00	15.30 -0.49 0.00	15.35 -0.49 0.00	17.55 -0.58 0.00	20.68 -0.73 0.00	21.31 -0.75 0.00	22.17 -0.78 0.00	22.84 -0.80 0.00	22.84 -0.80 0.00	23.05 -0.86 0.00	23.72 -0.91 0.00	24.91 -0.93 0.00	25.31 -0.94 0.00	25.51 -0.93 0.00	25.45 -0.92 0.00	25.92 -0.91 0.00	25.02 -0.85 0.00	24.16 -0.82 0.00	23.90 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	18.52 -0.53 0.00	15.38 -0.48 0.00	15.34 -0.47 0.00	15.32 -0.47 0.00	15.31 -0.49 0.00	15.31 -0.49 0.00	15.30 -0.49 0.00	15.35 -0.49 0.00	17.55 -0.58 0.00	20.68 -0.73 0.00	21.31 -0.75 0.00	22.17 -0.78 0.00	22.84 -0.80 0.00	22.84 -0.80 0.00	23.05 -0.86 0.00	23.72 -0.91 0.00	24.91 -0.93 0.00	25.31 -0.94 0.00	25.51 -0.93 0.00	25.45 -0.92 0.00	25.92 -0.91 0.00	25.02 -0.85 0.00	24.16 -0.82 0.00	23.90 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	18.50 -0.55 0.00	15.38 -0.48 0.00	15.32 -0.49 0.00	15.27 -0.52 0.00	15.24 -0.55 0.00	15.23 -0.57 0.00	15.22 -0.57 0.00	15.23 -0.62 0.00	17.35 -0.78 0.00	20.32 -1.09 0.00	20.96 -1.10 0.00	21.74 -1.22 0.00	22.39 -1.25 0.00	22.37 -1.28 0.00	22.43 -1.48 0.00	23.05 -1.58 0.00	24.16 -1.68 0.00	24.49 -1.76 0.00	24.69 -1.75 0.00	24.63 -1.74 0.00	25.14 -1.69 0.00	24.24 -1.63 0.00	23.33 -1.65 0.00	23.11 -1.55 0.00
MARSHVLE_115KV_TB1 80742	27.19 1.31 -6.83	24.86 1.02 -7.99	21.09 0.96 -4.31	19.92 1.01 -3.12	20.09 1.01 -3.29	18.94 1.01 -2.13	21.12 0.90 -4.44	21.77 0.82 -5.10	21.64 0.92 -2.58	22.38 0.96 -0.01	23.14 1.08 0.00	24.31 1.35 0.00	25.09 1.44 0.00	25.14 1.49 0.00	25.56 1.65 0.00	26.47 1.85 0.00	33.66 1.78 -6.04	38.75 2.02 -10.48	38.24 2.19 -9.61	36.27 2.35 -7.55	33.46 2.41 -4.21	30.91 2.33 -2.71	27.28 2.30 0.00	26.78 2.12 0.00
MARSH_HILL_WT_PWR 323713	19.12 -0.80 -0.87	16.12 -0.76 -1.02	15.48 -0.89 -0.55	15.26 -0.93 -0.40	15.31 -0.90 -0.42	15.16 -0.92 -0.27	15.49 -0.87 -0.57	15.69 -0.81 -0.65	17.52 -0.94 -0.33	20.66 -0.75 0.00	21.24 -0.82 0.00	22.01 -0.94 0.00	22.63 -1.02 0.00	22.68 -0.97 0.00	23.03 -0.88 0.00	24.04 -0.59 0.00	25.82 -0.80 -0.78	26.80 -0.79 -1.34	26.92 -0.74 -1.23	26.52 -0.82 -0.96	26.51 -0.86 -0.54	25.65 -0.57 -0.35	24.66 -0.33 0.00	24.57 -0.10 0.00
MCINTYRE_115KV_TB2 80467	18.59 -0.46 0.00	15.51 -0.35 0.00	15.51 -0.30 0.00	15.27 -0.52 0.00	15.27 -0.52 0.00	15.30 -0.51 0.00	15.36 -0.43 0.00	15.48 -0.36 0.00	17.59 -0.54 0.00	20.57 -0.83 0.00	21.20 -0.86 0.00	21.97 -0.99 0.00	22.61 -1.04 0.00	22.63 -1.02 0.00	22.91 -1.00 0.00	23.15 -1.48 0.00	24.32 -1.52 0.00	24.73 -1.52 0.00	24.95 -1.48 0.00	25.08 -1.29 0.00	25.60 -1.23 0.00	24.60 -1.27 0.00	23.71 -1.27 0.00	23.36 -1.31 0.00
MECO_____69_KV_BK1 80468	27.51 1.85 -6.61	25.03 1.43 -7.74	21.35 1.36 -4.18	20.24 1.42 -3.02	20.38 1.41 -3.18	19.32 1.45 -2.06	21.46 1.37 -4.30	22.11 1.33 -4.94	22.30 1.67 -2.50	23.34 1.93 -0.01	24.13 2.07 0.00	25.34 2.39 0.00	26.08 2.44 0.00	26.15 2.51 0.00	26.71 2.80 0.00	27.66 3.03 0.00	34.81 3.13 -5.84	39.66 3.26 -10.15	39.16 3.41 -9.31	37.12 3.43 -7.32	34.40 3.49 -4.08	31.94 3.44 -2.63	28.20 3.22 0.00	27.67 3.01 0.00
MENANDS___115KV_TB5 355628	25.72 0.82 -5.85	23.38 0.68 -6.84	20.17 0.66 -3.69	19.18 0.71 -2.67	19.32 0.71 -2.81	18.32 0.70 -1.82	20.28 0.69 -3.80	20.86 0.65 -4.37	21.07 0.73 -2.21	22.23 0.81 -0.01	22.90 0.84 0.00	23.85 0.90 0.00	24.59 0.95 0.00	24.64 0.99 0.00	24.94 1.03 0.00	25.71 1.08 0.00	32.01 1.06 -5.11	36.28 1.05 -8.97	35.72 1.06 -8.23	33.92 1.08 -6.47	31.56 1.13 -3.61	29.33 1.14 -2.32	26.13 1.15 0.00	25.63 0.96 0.00
MG INDUSTRY___DRP 24185	25.52 0.76 -5.71	23.17 0.63 -6.68	20.03 0.62 -3.60	19.06 0.66 -2.61	19.19 0.65 -2.75	18.25 0.66 -1.78	20.13 0.63 -3.71	20.69 0.59 -4.26	20.92 0.63 -2.16	22.12 0.71 -0.01	22.77 0.71 0.00	23.71 0.76 0.00	24.45 0.80 0.00	24.48 0.83 0.00	24.80 0.88 0.00	25.56 0.94 0.00	31.81 0.93 -5.04	35.96 0.95 -8.76	35.45 0.98 -8.04	33.71 1.03 -6.31	31.40 1.05 -3.52	29.20 1.06 -2.27	26.06 1.07 0.00	25.63 0.96 0.00

MID___OSWEGATCHIE_HYD 23849	18.54 -0.61 -0.10	15.47 -0.51 -0.12	15.37 -0.51 -0.06	15.24 -0.60 -0.05	15.24 -0.60 -0.05	15.25 -0.58 -0.03	15.29 -0.57 -0.07	15.35 -0.57 -0.08	17.47 -0.71 -0.04	20.53 -0.88 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.63 -1.02 0.00	22.88 -1.03 0.00	23.30 -1.33 0.00	24.53 -1.40 -0.09	25.04 -1.37 -0.16	25.28 -1.30 -0.14	25.35 -1.13 -0.11	25.79 -1.10 -0.06	24.83 -1.09 -0.04	23.91 -1.07 0.00	23.58 -1.09 0.00
MID___RAQUETTE_HYD 23851	18.21 -0.84 0.00	15.19 -0.67 0.00	15.18 -0.63 0.00	14.97 -0.82 0.00	14.96 -0.84 0.00	15.00 -0.81 0.00	15.05 -0.74 0.00	15.18 -0.67 0.00	17.28 -0.85 0.00	20.21 -1.20 0.00	20.85 -1.21 0.00	21.60 -1.35 0.00	22.23 -1.42 0.00	22.28 -1.37 0.00	22.50 -1.41 0.00	22.73 -1.90 0.00	23.88 -1.96 0.00	24.26 -2.00 0.00	24.45 -1.98 0.00	24.53 -1.85 0.00	25.00 -1.82 0.00	24.06 -1.81 0.00	23.16 -1.82 0.00	22.84 -1.83 0.00
MILLIKEN___1 23584	20.23 0.30 -0.88	17.09 0.21 -1.03	16.51 0.14 -0.55	16.48 0.28 -0.40	16.50 0.28 -0.42	16.36 0.28 -0.27	16.61 0.25 -0.57	16.67 0.17 -0.65	18.70 0.24 -0.33	21.77 0.36 0.00	22.46 0.40 0.00	23.39 0.44 0.00	24.07 0.43 0.00	24.07 0.43 0.00	24.32 0.41 0.00	25.14 0.52 0.00	27.14 0.52 -0.78	28.15 0.55 -1.34	28.30 0.63 -1.23	28.00 0.66 -0.97	28.04 0.67 -0.54	26.92 0.70 -0.35	25.68 0.70 0.00	25.43 0.76 0.00
MILLIKEN___2 23585	20.23 0.30 -0.88	17.09 0.21 -1.03	16.51 0.14 -0.55	16.48 0.28 -0.40	16.50 0.28 -0.42	16.36 0.28 -0.27	16.61 0.25 -0.57	16.67 0.17 -0.65	18.70 0.24 -0.33	21.77 0.36 0.00	22.46 0.40 0.00	23.39 0.44 0.00	24.07 0.43 0.00	24.07 0.43 0.00	24.32 0.41 0.00	25.14 0.52 0.00	27.14 0.52 -0.78	28.15 0.55 -1.34	28.30 0.63 -1.23	28.00 0.66 -0.97	28.04 0.67 -0.54	26.92 0.70 -0.35	25.68 0.70 0.00	25.43 0.76 0.00
MILLIKEN___DIESEL 23629	20.23 0.30 -0.88	17.09 0.21 -1.03	16.51 0.14 -0.55	16.48 0.28 -0.40	16.50 0.28 -0.42	16.36 0.28 -0.27	16.61 0.25 -0.57	16.67 0.17 -0.65	18.70 0.24 -0.33	21.77 0.36 0.00	22.46 0.40 0.00	23.39 0.44 0.00	24.07 0.43 0.00	24.07 0.43 0.00	24.32 0.41 0.00	25.14 0.52 0.00	27.14 0.52 -0.78	28.15 0.55 -1.34	28.30 0.63 -1.23	28.00 0.66 -0.97	28.04 0.67 -0.54	26.92 0.70 -0.35	25.68 0.70 0.00	25.43 0.76 0.00
MILLSEAT___LFGE 323607	18.99 -0.65 -0.59	15.91 -0.63 -0.69	15.41 -0.77 -0.37	15.18 -0.88 -0.27	15.19 -0.88 -0.28	15.09 -0.90 -0.18	15.32 -0.85 -0.38	15.51 -0.78 -0.44	17.56 -0.80 -0.22	20.96 -0.45 0.00	21.46 -0.59 0.00	22.29 -0.67 0.00	22.89 -0.76 0.00	22.82 -0.83 0.00	23.20 -0.72 0.00	24.21 -0.42 0.00	25.85 -0.52 -0.52	26.63 -0.52 -0.90	26.78 -0.48 -0.82	26.63 -0.39 -0.65	26.90 -0.29 -0.36	25.77 -0.34 -0.23	24.66 -0.33 0.00	24.19 -0.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.70 1.16 -4.49	22.05 0.94 -5.25	19.58 0.93 -2.83	18.81 0.96 -2.05	18.93 0.98 -2.16	18.18 0.98 -1.40	19.67 0.96 -2.92	20.22 1.03 -3.35	21.12 1.29 -1.70	23.04 1.63 -0.01	23.67 1.61 0.00	24.67 1.72 0.00	25.47 1.82 0.00	25.56 1.92 0.00	25.94 2.03 0.00	26.92 2.29 0.00	32.47 2.48 -4.15	35.63 2.49 -6.88	35.24 2.48 -6.32	33.66 2.32 -4.96	31.91 2.31 -2.77	29.80 2.15 -1.78	26.95 1.97 0.00	26.34 1.68 0.00
MILLWOOD_13_KV_LOAD 356217	24.76 1.22 -4.49	22.09 0.98 -5.25	19.62 0.98 -2.83	18.84 1.00 -2.05	18.98 1.03 -2.16	18.23 1.03 -1.40	19.70 0.99 -2.92	20.27 1.08 -3.35	21.19 1.36 -1.70	23.13 1.71 -0.01	23.76 1.70 0.00	24.77 1.81 0.00	25.59 1.94 0.00	25.68 2.03 0.00	26.06 2.15 0.00	27.04 2.41 0.00	32.60 2.61 -4.15	35.76 2.63 -6.88	35.37 2.62 -6.32	33.79 2.45 -4.96	32.04 2.44 -2.77	29.93 2.28 -1.78	27.08 2.10 0.00	26.46 1.80 0.00
MODEL_CITY_ENERGY 24167	18.45 -1.22 -0.62	15.50 -1.08 -0.72	14.97 -1.23 -0.39	14.75 -1.33 -0.28	14.77 -1.33 -0.30	14.64 -1.36 -0.19	14.90 -1.29 -0.40	15.10 -1.20 -0.46	17.04 -1.32 -0.23	20.34 -1.07 0.00	20.82 -1.23 0.00	21.62 -1.33 0.00	22.23 -1.42 0.00	22.13 -1.51 0.00	22.50 -1.41 0.00	23.47 -1.16 0.00	25.10 -1.29 -0.55	25.84 -1.37 -0.95	25.96 -1.35 -0.87	25.79 -1.27 -0.68	25.95 -1.26 -0.38	24.88 -1.24 -0.25	23.86 -1.12 0.00	23.48 -1.18 0.00
MODERN_LFGE___ 323580	18.45 -1.22 -0.62	15.50 -1.08 -0.72	14.97 -1.23 -0.39	14.75 -1.33 -0.28	14.77 -1.33 -0.30	14.64 -1.36 -0.19	14.90 -1.29 -0.40	15.10 -1.20 -0.46	17.04 -1.32 -0.23	20.34 -1.07 0.00	20.82 -1.23 0.00	21.62 -1.33 0.00	22.23 -1.42 0.00	22.13 -1.51 0.00	22.50 -1.41 0.00	23.47 -1.16 0.00	25.10 -1.29 -0.55	25.84 -1.37 -0.95	25.96 -1.35 -0.87	25.79 -1.27 -0.68	25.95 -1.26 -0.38	24.88 -1.24 -0.25	23.86 -1.12 0.00	23.48 -1.18 0.00
MOHAWK_PAPER___DRP 24187	25.79 0.88 -5.86	23.45 0.73 -6.86	20.22 0.71 -3.70	19.23 0.76 -2.68	19.36 0.74 -2.82	18.37 0.74 -1.83	20.32 0.73 -3.81	20.90 0.68 -4.38	21.13 0.78 -2.21	22.32 0.90 -0.01	22.99 0.93 0.00	23.94 0.99 0.00	24.71 1.06 0.00	24.74 1.09 0.00	25.06 1.15 0.00	25.83 1.21 0.00	32.15 1.19 -5.12	36.45 1.21 -8.99	35.90 1.22 -8.25	34.09 1.24 -6.48	31.73 1.29 -3.62	29.49 1.29 -2.33	26.26 1.27 0.00	25.77 1.11 0.00
MOHICAN___35_KV_115KV_LD 80490	26.38 1.31 -6.02	23.95 1.05 -7.04	20.62 1.01 -3.80	19.60 1.06 -2.75	19.73 1.04 -2.90	18.75 1.07 -1.88	20.74 1.04 -3.91	21.34 1.00 -4.49	21.66 1.25 -2.27	22.96 1.54 -0.01	23.56 1.50 0.00	24.58 1.63 0.00	25.16 1.51 0.00	25.21 1.56 0.00	25.59 1.67 0.00	26.40 1.77 0.00	32.91 1.81 -5.26	37.33 1.84 -9.24	37.00 2.09 -8.48	35.25 2.22 -6.66	32.93 2.39 -3.71	30.62 2.35 -2.39	27.20 2.22 0.00	26.69 2.02 0.00
MONGAUP___HYD 23641	24.10 1.03 -4.02	21.37 0.81 -4.71	19.14 0.79 -2.54	18.37 0.74 -1.84	18.50 0.77 -1.94	17.85 0.79 -1.25	19.16 0.76 -2.61	19.61 0.76 -3.00	20.60 0.94 -1.52	22.53 1.11 -0.01	23.18 1.12 0.00	24.14 1.19 0.00	24.92 1.28 0.00	24.92 1.28 0.00	25.40 1.48 0.00	26.30 1.68 0.00	31.42 1.86 -3.72	34.41 1.97 -6.18	34.11 2.01 -5.67	32.77 1.95 -4.45	31.24 1.93 -2.48	29.31 1.84 -1.60	26.70 1.72 0.00	26.12 1.45 0.00
MONTAUK___DIESEL 23721	35.53 2.32 -14.16	33.26 1.92 -15.48	28.57 1.98 -10.79	24.90 2.05 -7.06	25.35 2.09 -7.47	25.14 2.10 -7.23	25.48 2.08 -7.61	28.15 2.09 -10.21	30.59 2.47 -9.99	33.01 2.91 -8.69	33.54 3.07 -8.42	34.82 3.28 -8.58	38.15 3.43 -11.07	38.37 3.52 -11.20	40.33 3.68 -12.73	47.51 4.04 -18.85	45.38 4.26 -15.28	52.74 4.25 -22.23	42.81 4.12 -12.25	41.71 3.82 -11.52	42.37 3.51 -12.02	37.72 3.23 -8.62	35.68 2.95 -7.75	33.84 2.57 -6.61
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.43 -1.33 -0.72	15.48 -1.22 -0.84	14.81 -1.45 -0.45	15.22 -0.90 -0.33	15.23 -0.92 -0.35	15.03 -1.00 -0.22	15.15 -1.11 -0.47	14.92 -1.46 -0.54	16.79 -1.61 -0.27	19.93 -1.48 0.00	20.69 -1.37 0.00	21.71 -1.24 0.00	22.32 -1.32 0.00	22.23 -1.42 0.00	22.64 -1.27 0.00	23.84 -0.79 0.00	25.32 -1.16 -0.64	26.28 -1.08 -1.10	26.41 -1.03 -1.01	26.30 -0.87 -0.79	26.49 -0.78 -0.44	25.33 -0.83 -0.29	24.58 -0.40 0.00	24.42 -0.25 0.00

MORTIMER_115KV_TB3 55949	19.19 -0.36 -0.50	16.09 -0.35 -0.58	15.68 -0.44 -0.31	16.01 -0.02 -0.23	16.02 -0.02 -0.24	15.93 -0.03 -0.16	15.99 -0.13 -0.32	15.77 -0.44 -0.37	17.92 -0.40 -0.19	20.92 -0.49 0.00	21.68 -0.38 0.00	22.61 -0.34 0.00	23.25 -0.40 0.00	23.17 -0.47 0.00	23.48 -0.43 0.00	24.40 -0.22 0.00	26.13 -0.16 -0.45	26.86 -0.16 -0.76	26.98 -0.16 -0.70	26.79 -0.13 -0.55	27.06 -0.08 -0.31	25.99 -0.08 -0.20	24.76 -0.22 0.00	24.59 -0.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.91 1.06 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.27 1.43 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.82 2.18 0.00	26.18 2.27 0.00	27.21 2.59 0.00	32.79 2.79 -4.16	36.01 2.84 -6.93	35.59 2.80 -6.36	33.98 2.61 -4.99	32.19 2.58 -2.78	30.05 2.38 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
MUNSVILLE_WIND_PWR 323609	21.48 1.10 -1.32	18.25 0.84 -1.55	17.36 0.71 -0.84	17.05 0.65 -0.60	17.08 0.65 -0.64	16.85 0.63 -0.41	17.31 0.66 -0.86	17.45 0.62 -0.99	19.41 0.78 -0.50	22.52 1.11 0.00	23.14 1.08 0.00	24.17 1.22 0.00	24.88 1.23 0.00	25.04 1.39 0.00	25.40 1.48 0.00	26.20 1.58 0.00	28.60 1.58 -1.19	29.89 1.60 -2.03	30.07 1.77 -1.86	29.79 1.95 -1.46	29.63 1.99 -0.82	28.24 1.84 -0.53	26.93 1.95 0.00	26.56 1.90 0.00
N SALMON___HYD 24042	18.42 -0.63 0.00	15.35 -0.51 0.00	15.30 -0.51 0.00	15.26 -0.54 0.00	15.26 -0.54 0.00	15.25 -0.55 0.00	15.27 -0.52 0.00	15.29 -0.55 0.00	17.39 -0.74 0.00	20.29 -1.11 0.00	20.94 -1.12 0.00	21.71 -1.24 0.00	22.35 -1.30 0.00	22.35 -1.30 0.00	22.36 -1.55 0.00	23.00 -1.63 0.00	24.13 -1.71 0.00	24.49 -1.76 0.00	24.66 -1.77 0.00	24.68 -1.69 0.00	25.19 -1.64 0.00	24.24 -1.63 0.00	23.31 -1.67 0.00	23.06 -1.60 0.00
N.AKRON__115KV_KNAPP 355671	18.95 -0.69 -0.59	15.92 -0.63 -0.69	15.39 -0.79 -0.37	16.07 0.00 -0.27	16.10 0.02 -0.28	15.96 -0.03 -0.18	15.94 -0.24 -0.38	15.51 -0.78 -0.44	17.56 -0.80 -0.22	20.51 -0.90 0.00	21.31 -0.75 0.00	22.31 -0.64 0.00	22.91 -0.73 0.00	22.77 -0.87 0.00	23.15 -0.77 0.00	24.21 -0.42 0.00	25.85 -0.52 -0.53	26.63 -0.53 -0.48	26.79 -0.48 -0.83	26.60 -0.42 -0.65	26.87 -0.32 -0.36	25.77 -0.34 -0.23	24.63 -0.35 0.00	24.56 -0.10 0.00
N.BELMOR_69_KV_BK1 55787	34.81 1.60 -14.16	32.63 1.28 -15.48	27.88 1.28 -10.79	24.16 1.31 -7.06	24.59 1.33 -7.47	24.36 1.33 -7.23	24.70 1.31 -7.61	27.44 1.38 -10.21	29.81 1.69 -9.99	32.24 2.14 -8.69	32.64 2.16 -8.42	33.85 2.32 -8.58	37.18 2.46 -11.07	37.40 2.55 -11.20	39.25 2.61 -12.73	46.38 2.91 -18.85	44.24 3.13 -15.28	51.64 3.15 -22.23	41.80 3.12 -12.25	40.87 2.98 -11.52	41.86 3.00 -12.02	37.31 2.82 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
N.E_GEN_SANDY PD 24062	25.24 0.93 -5.25	22.80 0.79 -6.15	19.90 0.77 -3.32	18.97 0.77 -2.40	19.10 0.77 -2.53	18.19 0.76 -1.63	20.00 0.79 -3.42	20.56 0.79 -3.92	21.08 0.96 -1.99	22.51 1.09 -0.01	23.18 1.12 0.00	24.14 1.19 0.00	24.92 1.28 0.00	24.90 1.25 0.00	25.32 1.41 0.00	26.10 1.48 0.00	31.12 1.55 -3.73	35.89 1.58 -8.06	35.39 1.56 -7.40	33.74 1.56 -5.81	31.68 1.61 -3.24	29.49 1.53 -2.09	26.48 1.50 0.00	25.95 1.28 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.51 1.14 -4.32	21.83 0.92 -5.05	19.45 0.92 -2.73	18.70 0.93 -1.97	18.84 0.96 -2.08	18.11 0.96 -1.35	19.53 0.93 -2.81	20.05 0.98 -3.22	21.00 1.23 -1.63	22.98 1.56 -0.01	23.63 1.57 0.00	24.60 1.65 0.00	25.40 1.75 0.00	25.49 1.84 0.00	25.87 1.96 0.00	26.84 2.22 0.00	32.23 2.40 -3.99	35.32 2.44 -6.63	34.94 2.43 -6.08	33.44 2.29 -4.78	31.72 2.23 -2.66	29.68 2.10 -1.71	26.90 1.92 0.00	26.29 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	24.74 1.18 -4.51	22.09 0.95 -5.28	19.63 0.96 -2.85	18.84 0.98 -2.06	18.98 1.01 -2.17	18.24 1.03 -1.41	19.73 1.01 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.87 1.81 0.00	24.88 1.93 0.00	25.71 2.06 0.00	25.82 2.18 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.00 2.97 -4.19	36.12 2.94 -6.92	35.67 2.88 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.05 2.38 -1.79	27.13 2.15 0.00	26.41 1.75 0.00
N.TROY___115KV_TB1 355778	25.83 0.88 -5.90	23.50 0.73 -6.91	20.25 0.71 -3.73	19.25 0.76 -2.69	19.39 0.76 -2.84	18.40 0.76 -1.84	20.38 0.76 -3.84	20.96 0.71 -4.41	21.22 0.85 -2.23	22.44 1.03 -0.01	23.07 1.01 0.00	24.03 1.08 0.00	24.76 1.11 0.00	24.83 1.18 0.00	25.13 1.22 0.00	25.91 1.28 0.00	32.25 1.29 -5.12	36.62 1.31 -9.06	36.09 1.35 -8.31	34.30 1.40 -6.53	31.92 1.45 -3.64	29.64 1.42 -2.34	26.41 1.42 0.00	25.90 1.23 0.00
NARROWS_GT1_1 24228	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT1_2 24229	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT1_3 24230	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT1_4 24231	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT1_5 24232	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00

NARROWS_GT1_6 24233	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT1_7 24234	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT1_8 24235	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_1 24236	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_2 24237	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_3 24238	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_4 24239	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_5 24240	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_6 24241	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_7 24242	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NARROWS_GT2_8 24243	24.82 1.26 -4.51	22.11 0.97 -5.28	19.64 0.98 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.17 0.96 -1.41	19.68 0.96 -2.93	20.34 1.13 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.91 1.85 0.00	24.97 2.02 0.00	25.82 2.17 0.00	25.90 2.25 0.00	26.35 2.44 0.00	27.36 2.73 0.00	41.82 3.05 -12.93	48.24 3.07 -18.91	43.99 3.04 -14.52	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.52 1.01 -5.46	23.06 0.81 -6.39	20.02 0.76 -3.45	19.09 0.81 -2.49	19.21 0.79 -2.63	18.31 0.81 -1.70	20.11 0.77 -3.55	20.56 0.63 -4.08	20.90 0.71 -2.06	22.27 0.86 -0.01	22.90 0.84 0.00	23.80 0.85 0.00	24.55 0.90 0.00	24.57 0.92 0.00	24.92 1.00 0.00	25.66 1.03 0.00	31.54 0.85 -4.84	35.60 0.97 -8.38	35.23 1.11 -7.69	33.63 1.21 -6.04	31.46 1.26 -3.37	29.33 1.29 -2.17	26.46 1.47 0.00	25.97 1.31 0.00
NCHELSEA_115KV_TR2 355582	24.80 1.20 -4.55	22.15 0.97 -5.33	19.62 0.93 -2.88	18.84 0.96 -2.08	18.98 1.00 -2.19	18.22 1.00 -1.42	19.71 0.96 -2.96	20.21 0.97 -3.40	21.07 1.21 -1.72	22.96 1.54 -0.01	23.58 1.52 0.00	24.54 1.58 0.00	25.33 1.68 0.00	25.37 1.73 0.00	25.83 1.91 0.00	26.77 2.14 0.00	32.37 2.35 -4.18	35.63 2.39 -6.99	35.22 2.38 -6.41	33.70 2.29 -5.04	31.89 2.25 -2.81	29.80 2.12 -1.81	26.98 2.00 0.00	26.37 1.70 0.00
NEG CAPITAL___MECHNVIL 23645	26.11 1.09 -5.98	23.73 0.87 -7.00	20.42 0.84 -3.78	19.36 0.84 -2.73	19.49 0.82 -2.88	18.50 0.84 -1.86	20.51 0.84 -3.89	21.13 0.82 -4.46	21.43 1.03 -2.26	22.66 1.24 -0.01	23.34 1.28 0.00	24.33 1.38 0.00	25.02 1.37 0.00	25.04 1.39 0.00	25.44 1.53 0.00	26.20 1.58 0.00	32.70 1.66 -5.21	37.08 1.65 -9.17	36.60 1.74 -8.42	34.80 1.82 -6.61	32.42 1.91 -3.69	30.11 1.86 -2.37	26.78 1.80 0.00	26.29 1.63 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.98 -0.55 -0.48	15.90 -0.52 -0.56	15.50 -0.62 -0.30	15.34 -0.68 -0.22	15.35 -0.68 -0.23	15.27 -0.68 -0.15	15.45 -0.65 -0.31	15.62 -0.59 -0.36	17.75 -0.56 -0.18	20.98 -0.43 0.00	21.57 -0.49 0.00	22.40 -0.55 0.00	23.01 -0.64 0.00	23.01 -0.64 0.00	23.32 -0.60 0.00	24.11 -0.52 0.00	25.81 -0.46 -0.43	26.52 -0.47 -0.74	26.64 -0.48 -0.68	26.43 -0.47 -0.53	26.70 -0.43 -0.30	25.65 -0.41 -0.19	24.46 -0.53 0.00	24.10 -0.57 0.00

NEG CENTRAL___DRP 24199	19.46 -0.11 -0.52	16.33 -0.14 -0.61	15.90 -0.24 -0.33	16.03 0.00 -0.24	16.05 0.00 -0.25	15.97 0.00 -0.16	16.08 -0.05 -0.34	16.06 -0.17 -0.39	18.19 -0.15 -0.20	21.30 -0.11 0.00	22.02 -0.04 0.00	22.95 0.00 0.00	23.60 -0.05 0.00	23.55 -0.09 0.00	23.82 -0.10 0.00	24.65 0.02 0.00	26.33 0.03 -0.47	27.14 0.08 -0.80	27.30 0.13 -0.74	27.08 0.13 -0.58	27.29 0.13 -0.32	26.26 0.18 -0.21	25.13 0.15 0.00	24.93 0.27 0.00
NEG CENTRAL___INDECK 23768	19.79 0.02 -0.72	16.60 -0.09 -0.84	16.03 -0.24 -0.45	15.81 -0.32 -0.33	15.84 -0.30 -0.35	15.73 -0.30 -0.22	15.97 -0.28 -0.47	16.09 -0.28 -0.54	18.04 -0.36 -0.27	21.11 -0.30 0.00	21.55 -0.51 0.00	22.36 -0.60 0.00	22.96 -0.69 0.00	22.94 -0.71 0.00	23.24 -0.67 0.00	24.18 -0.44 0.00	26.10 -0.39 -0.64	27.17 -0.18 -1.10	27.55 0.11 -1.01	27.56 0.40 -0.79	27.89 0.62 -0.44	26.83 0.67 -0.28	25.56 0.58 0.00	25.13 0.47 0.00
NEG CENTRAL___SENECA 23627	19.46 -0.17 -0.58	16.33 -0.21 -0.68	15.86 -0.32 -0.37	16.04 -0.02 -0.26	16.07 0.00 -0.28	15.98 0.00 -0.18	16.10 -0.06 -0.38	16.04 -0.24 -0.43	18.14 -0.22 -0.22	21.24 -0.17 0.00	21.95 -0.11 0.00	22.88 -0.07 0.00	23.53 -0.12 0.00	23.51 -0.14 0.00	23.79 -0.12 0.00	24.68 0.05 0.00	26.41 0.05 -0.52	27.25 0.11 -0.89	27.43 0.19 -0.81	27.17 0.16 -0.64	27.37 0.19 -0.36	26.34 0.23 -0.23	25.18 0.20 0.00	24.98 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	19.63 0.06 -0.52	16.46 -0.02 -0.61	16.06 -0.08 -0.33	16.11 0.08 -0.24	16.14 0.09 -0.25	16.06 0.09 -0.16	16.18 0.05 -0.34	16.20 -0.03 -0.39	18.37 0.04 -0.20	21.51 0.11 0.00	22.21 0.15 0.00	23.16 0.21 0.00	23.81 0.17 0.00	23.79 0.14 0.00	24.03 0.12 0.00	24.82 0.20 0.00	26.51 0.21 -0.47	27.29 0.24 -0.80	27.43 0.26 -0.74	27.21 0.26 -0.58	27.42 0.27 -0.32	26.39 0.31 -0.21	25.26 0.27 0.00	25.03 0.37 0.00
NEG MILLWOOD___DRP 24198	24.94 1.28 -4.61	22.29 1.03 -5.40	19.74 1.01 -2.91	18.93 1.03 -2.11	19.06 1.04 -2.22	18.28 1.04 -1.44	19.81 1.03 -3.00	20.40 1.11 -3.44	21.27 1.40 -1.74	23.17 1.76 -0.01	23.80 1.74 0.00	24.81 1.86 0.00	25.63 1.99 0.00	25.68 2.03 0.00	26.16 2.25 0.00	27.16 2.54 0.00	32.80 2.71 -4.25	36.06 2.73 -7.08	35.68 2.75 -6.50	34.09 2.61 -5.10	32.28 2.60 -2.85	30.14 2.43 -1.83	27.25 2.27 0.00	26.61 1.95 0.00
NEG NORTH_FLCN_SEA 23793	18.65 -0.40 0.00	15.51 -0.35 0.00	15.45 -0.36 0.00	15.21 -0.58 0.00	15.16 -0.63 0.00	15.17 -0.63 0.00	15.24 -0.55 0.00	15.38 -0.46 0.00	17.52 -0.62 0.00	20.49 -0.92 0.00	21.11 -0.95 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.51 -1.14 0.00	22.74 -1.17 0.00	23.22 -1.40 0.00	24.34 -1.50 0.00	24.68 -1.58 0.00	24.87 -1.56 0.00	24.84 -1.53 0.00	25.35 -1.48 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.21 -1.46 0.00
NEG NORTH_KES_CHATEGAY 23792	18.46 -0.59 0.00	15.37 -0.49 0.00	15.31 -0.51 0.00	15.07 -0.73 0.00	15.02 -0.77 0.00	15.03 -0.77 0.00	15.09 -0.69 0.00	15.24 -0.60 0.00	17.35 -0.78 0.00	20.32 -1.09 0.00	20.93 -1.13 0.00	21.71 -1.24 0.00	22.37 -1.28 0.00	22.35 -1.30 0.00	22.55 -1.36 0.00	23.03 -1.60 0.00	24.13 -1.71 0.00	24.49 -1.76 0.00	24.69 -1.74 0.00	24.66 -1.71 0.00	25.17 -1.66 0.00	24.24 -1.63 0.00	23.33 -1.65 0.00	23.06 -1.60 0.00
NEG NORTH___ALICE_FALLS 23915	18.59 -0.46 0.00	15.46 -0.40 0.00	15.40 -0.41 0.00	15.15 -0.65 0.00	15.10 -0.70 0.00	15.12 -0.68 0.00	15.19 -0.60 0.00	15.35 -0.49 0.00	17.48 -0.65 0.00	20.40 -1.01 0.00	21.04 -1.01 0.00	21.80 -1.15 0.00	22.47 -1.18 0.00	22.44 -1.21 0.00	22.64 -1.27 0.00	23.15 -1.48 0.00	24.26 -1.58 0.00	24.63 -1.63 0.00	24.79 -1.64 0.00	24.79 -1.58 0.00	25.30 -1.53 0.00	24.37 -1.50 0.00	23.43 -1.55 0.00	23.13 -1.53 0.00
NEG NORTH___LWR_SARANAC 23913	18.59 -0.46 0.00	15.46 -0.40 0.00	15.40 -0.41 0.00	15.15 -0.65 0.00	15.10 -0.70 0.00	15.12 -0.68 0.00	15.19 -0.60 0.00	15.35 -0.49 0.00	17.48 -0.65 0.00	20.40 -1.01 0.00	21.04 -1.01 0.00	21.80 -1.15 0.00	22.47 -1.18 0.00	22.44 -1.21 0.00	22.64 -1.27 0.00	23.15 -1.48 0.00	24.26 -1.58 0.00	24.63 -1.63 0.00	24.79 -1.64 0.00	24.79 -1.58 0.00	25.30 -1.53 0.00	24.37 -1.50 0.00	23.43 -1.55 0.00	23.13 -1.53 0.00
NEG NORTH___PLATTSBURG 23628	18.59 -0.46 0.00	15.46 -0.40 0.00	15.40 -0.41 0.00	15.35 -0.44 0.00	15.32 -0.47 0.00	15.31 -0.49 0.00	15.33 -0.46 0.00	15.35 -0.49 0.00	17.48 -0.65 0.00	20.38 -1.03 0.00	21.02 -1.04 0.00	21.81 -1.15 0.00	22.47 -1.18 0.00	22.44 -1.21 0.00	22.52 -1.39 0.00	23.15 -1.48 0.00	24.26 -1.58 0.00	24.63 -1.63 0.00	24.79 -1.64 0.00	24.76 -1.61 0.00	25.30 -1.53 0.00	24.37 -1.50 0.00	23.43 -1.55 0.00	23.21 -1.46 0.00
NEG WEST_LEA_LOCKPORT 23791	18.61 -1.05 -0.61	15.65 -0.92 -0.71	15.12 -1.08 -0.38	15.84 -0.24 -0.28	15.85 -0.24 -0.29	15.71 -0.28 -0.19	15.68 -0.51 -0.40	15.25 -1.05 -0.46	17.22 -1.14 -0.23	20.10 -1.31 0.00	20.91 -1.15 0.00	21.90 -1.06 0.00	22.49 -1.16 0.00	22.35 -1.30 0.00	22.72 -1.20 0.00	23.76 -0.86 0.00	25.38 -1.01 -0.55	26.14 -1.05 -0.94	26.23 -1.06 -0.86	26.07 -0.98 -0.67	26.27 -0.94 -0.38	25.18 -0.93 -0.24	24.16 -0.82 0.00	24.12 -0.54 0.00
NEG WEST___LANCASTR 23811	18.22 -1.54 -0.72	15.38 -1.32 -0.84	14.78 -1.49 -0.45	15.21 -0.92 -0.33	15.24 -0.90 -0.35	15.06 -0.96 -0.22	15.18 -1.07 -0.47	14.99 -1.39 -0.54	16.85 -1.56 -0.27	20.36 -1.05 0.00	21.13 -0.93 0.00	22.13 -0.83 0.00	22.77 -0.87 0.00	22.65 -0.99 0.00	23.03 -0.88 0.00	24.08 -0.54 0.00	24.96 -1.52 -0.64	25.83 -1.52 -1.10	25.91 -1.53 -1.01	25.66 -1.50 -0.79	25.77 -1.50 -0.44	24.66 -1.50 -0.28	24.43 -0.55 0.00	24.44 -0.22 0.00
NEG_PENN_ALLEGHNY 23528	20.52 0.10 -1.38	17.52 0.05 -1.61	16.65 -0.03 -0.87	16.36 -0.06 -0.63	16.41 -0.05 -0.66	16.17 -0.06 -0.43	16.64 -0.05 -0.90	16.89 0.02 -1.03	18.73 0.07 -0.52	21.71 0.30 0.00	22.35 0.29 0.00	23.27 0.32 0.00	23.95 0.31 0.00	23.98 0.33 0.00	24.27 0.36 0.00	25.09 0.47 0.00	27.49 0.41 -1.23	28.79 0.42 -2.11	28.82 0.45 -1.94	28.34 0.45 -1.52	28.11 0.43 -0.85	26.86 0.44 -0.55	25.48 0.50 0.00	25.11 0.44 0.00
NEG___GEN_MONROE 24207	19.19 -0.36 -0.50	16.08 -0.36 -0.59	15.65 -0.47 -0.32	16.03 0.00 -0.23	16.07 0.03 -0.24	15.98 0.02 -0.16	16.02 -0.09 -0.33	15.73 -0.49 -0.38	17.85 -0.47 -0.19	20.81 -0.60 0.00	21.53 -0.53 0.00	22.42 -0.53 0.00	23.06 -0.59 0.00	22.96 -0.69 0.00	23.34 -0.57 0.00	24.23 -0.39 0.00	25.93 -0.36 -0.45	26.74 -0.29 -0.77	26.88 -0.26 -0.71	26.74 -0.18 -0.56	27.03 -0.11 -0.31	25.94 -0.13 -0.20	24.73 -0.25 0.00	24.59 -0.07 0.00
NEPA___ENERGY 23901	18.70 -1.07 -0.72	15.78 -0.92 -0.84	15.18 -1.09 -0.46	15.59 -0.54 -0.33	15.62 -0.52 -0.35	15.43 -0.60 -0.22	15.55 -0.71 -0.47	15.37 -1.01 -0.54	17.30 -1.11 -0.27	20.44 -0.96 0.00	21.20 -0.86 0.00	22.19 -0.76 0.00	22.84 -0.80 0.00	22.75 -0.90 0.00	23.10 -0.81 0.00	24.18 -0.44 0.00	25.63 -0.85 -0.65	26.52 -0.84 -1.11	26.63 -0.82 -1.02	26.38 -0.79 -0.80	26.50 -0.78 -0.44	25.36 -0.80 -0.29	24.58 -0.40 0.00	24.47 -0.20 0.00

NEVERSINK___HYD 23608	23.73 0.68 -4.00	21.06 0.52 -4.68	18.84 0.51 -2.53	18.10 0.47 -1.83	18.21 0.49 -1.92	17.56 0.51 -1.25	18.86 0.47 -2.60	19.34 0.51 -2.99	20.33 0.69 -1.51	22.25 0.83 -0.01	22.92 0.86 0.00	23.87 0.92 0.00	24.62 0.97 0.00	23.95 0.31 0.00	24.42 0.50 0.00	25.29 0.67 0.00	30.30 0.80 -3.66	33.26 0.87 -6.14	32.94 0.87 -5.63	31.59 0.79 -4.42	30.05 0.75 -2.47	28.88 1.42 -1.59	26.30 1.32 0.00	25.72 1.06 0.00
NEWKRMKL_115KV_TB1 55635	25.70 0.80 -5.85	23.37 0.67 -6.85	20.15 0.65 -3.69	19.15 0.68 -2.67	19.29 0.68 -2.82	18.31 0.68 -1.82	20.25 0.66 -3.80	20.83 0.62 -4.37	21.02 0.67 -2.21	22.12 0.71 -0.01	22.81 0.75 0.00	23.76 0.80 0.00	24.50 0.85 0.00	24.55 0.90 0.00	24.84 0.93 0.00	25.61 0.99 0.00	31.87 0.90 -5.12	36.15 0.92 -8.98	35.60 0.93 -8.24	33.79 0.95 -6.47	31.41 0.97 -3.61	29.20 1.01 -2.32	26.01 1.02 0.00	25.53 0.86 0.00
NEWTON___FALLS_HYD 23847	18.54 -0.61 -0.10	15.47 -0.51 -0.12	15.37 -0.51 -0.06	15.24 -0.60 -0.05	15.24 -0.60 -0.05	15.25 -0.58 -0.03	15.29 -0.57 -0.07	15.35 -0.57 -0.08	17.47 -0.71 -0.04	20.53 -0.88 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.63 -1.02 0.00	22.88 -1.03 0.00	23.30 -1.33 0.00	24.53 -1.40 -0.09	25.04 -1.37 -0.16	25.28 -1.30 -0.14	25.35 -1.13 -0.11	25.79 -1.10 -0.06	24.83 -1.09 -0.04	23.91 -1.07 0.00	23.58 -1.09 0.00
NGRID_A1_DSASP 323792	18.51 -1.16 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	14.82 -1.26 -0.28	14.83 -1.26 -0.30	14.70 -1.30 -0.19	14.96 -1.23 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	20.38 -1.03 0.00	20.87 -1.19 0.00	21.67 -1.28 0.00	22.28 -1.37 0.00	22.18 -1.47 0.00	22.52 -1.39 0.00	23.52 -1.11 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.53 -1.13 0.00
NGRID_A2_DSASP 323793	18.51 -1.16 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	14.82 -1.26 -0.28	14.83 -1.26 -0.30	14.70 -1.30 -0.19	14.96 -1.23 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	20.38 -1.03 0.00	20.87 -1.19 0.00	21.67 -1.28 0.00	22.28 -1.37 0.00	22.18 -1.47 0.00	22.52 -1.39 0.00	23.52 -1.11 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.53 -1.13 0.00
NGRID_A4_DSASP 323807	18.51 -1.16 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	14.82 -1.26 -0.28	14.83 -1.26 -0.30	14.70 -1.30 -0.19	14.96 -1.23 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	20.38 -1.03 0.00	20.87 -1.19 0.00	21.67 -1.28 0.00	22.28 -1.37 0.00	22.18 -1.47 0.00	22.52 -1.39 0.00	23.52 -1.11 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.53 -1.13 0.00
NIAGARA_115E_LBMP 323715	18.32 -1.35 -0.63	15.40 -1.19 -0.73	14.86 -1.34 -0.40	14.66 -1.42 -0.29	14.68 -1.42 -0.30	14.54 -1.45 -0.20	14.81 -1.39 -0.41	15.01 -1.30 -0.47	16.92 -1.45 -0.24	20.19 -1.22 0.00	20.67 -1.39 0.00	21.46 -1.49 0.00	22.06 -1.58 0.00	21.94 -1.70 0.00	22.31 -1.60 0.00	23.27 -1.35 0.00	24.90 -1.50 -0.56	25.64 -1.57 -0.96	25.76 -1.56 -0.88	25.61 -1.45 -0.69	25.74 -1.48 -0.39	24.67 -1.45 -0.25	23.68 -1.30 0.00	23.31 -1.36 0.00
NIAGARA_115W_LBMP 323714	18.49 -1.18 -0.62	15.54 -1.05 -0.73	15.02 -1.19 -0.39	14.80 -1.28 -0.28	14.82 -1.28 -0.30	14.68 -1.31 -0.19	14.94 -1.25 -0.40	15.15 -1.16 -0.46	17.08 -1.29 -0.23	20.36 -1.05 0.00	20.85 -1.21 0.00	21.64 -1.31 0.00	22.23 -1.42 0.00	22.13 -1.51 0.00	22.50 -1.41 0.00	23.47 -1.16 0.00	25.13 -1.27 -0.56	25.89 -1.31 -0.95	25.96 -1.35 -0.87	25.82 -1.24 -0.69	25.95 -1.26 -0.38	24.88 -1.24 -0.25	23.86 -1.12 0.00	23.48 -1.18 0.00
NIAGARA_230_LBMP 323716	18.50 -1.16 -0.61	15.56 -1.02 -0.72	15.04 -1.15 -0.39	14.83 -1.25 -0.28	14.84 -1.25 -0.29	14.71 -1.28 -0.19	14.97 -1.22 -0.40	15.18 -1.12 -0.46	17.11 -1.25 -0.23	20.40 -1.01 0.00	20.89 -1.17 0.00	21.69 -1.26 0.00	22.30 -1.35 0.00	22.20 -1.44 0.00	22.55 -1.36 0.00	23.52 -1.11 0.00	25.15 -1.24 -0.55	25.93 -1.26 -0.94	26.00 -1.29 -0.86	25.84 -1.21 -0.68	26.00 -1.21 -0.38	24.93 -1.19 -0.24	23.91 -1.07 0.00	23.53 -1.13 0.00
NIAGARA___115KV_198_GIBSON 55903	18.45 -1.22 -0.62	15.54 -1.05 -0.73	15.02 -1.19 -0.39	15.75 -0.33 -0.28	15.76 -0.33 -0.30	15.62 -0.38 -0.19	15.67 -0.52 -0.40	15.15 -1.16 -0.46	17.08 -1.29 -0.23	19.87 -1.54 0.00	20.67 -1.39 0.00	21.64 -1.31 0.00	22.23 -1.42 0.00	22.09 -1.56 0.00	22.43 -1.48 0.00	23.47 -1.16 0.00	25.13 -1.27 -0.56	25.89 -1.31 -0.95	25.96 -1.35 -0.87	25.79 -1.27 -0.69	25.95 -1.26 -0.38	24.88 -1.24 -0.25	23.86 -1.12 0.00	23.85 -0.81 0.00
NIAGARA____ 23760	18.51 -1.16 -0.62	15.57 -1.02 -0.73	15.05 -1.15 -0.39	14.83 -1.25 -0.29	14.85 -1.25 -0.30	14.72 -1.28 -0.20	14.98 -1.22 -0.41	15.18 -1.12 -0.46	17.12 -1.25 -0.23	20.40 -1.01 0.00	20.89 -1.17 0.00	21.69 -1.26 0.00	22.30 -1.35 0.00	22.20 -1.44 0.00	22.55 -1.36 0.00	23.52 -1.11 0.00	25.15 -1.24 -0.55	25.94 -1.26 -0.95	26.01 -1.29 -0.87	25.84 -1.21 -0.68	26.00 -1.21 -0.38	24.93 -1.19 -0.25	23.91 -1.07 0.00	23.53 -1.13 0.00
NINE_MILE_1 23575	18.88 -0.42 -0.25	15.79 -0.36 -0.29	15.57 -0.39 -0.16	15.50 -0.41 -0.11	15.51 -0.41 -0.12	15.47 -0.41 -0.08	15.54 -0.41 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.09	21.00 -0.41 0.00	21.62 -0.44 0.00	22.47 -0.48 0.00	23.13 -0.52 0.00	23.13 -0.52 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.39 -0.67 -0.22	25.95 -0.68 -0.38	26.10 -0.69 -0.35	25.96 -0.69 -0.28	26.29 -0.70 -0.15	25.33 -0.65 -0.10	24.38 -0.60 0.00	24.19 -0.47 0.00
NINE_MILE_2 23744	18.88 -0.42 -0.25	15.79 -0.36 -0.29	15.57 -0.39 -0.16	15.50 -0.41 -0.11	15.51 -0.41 -0.12	15.47 -0.41 -0.08	15.54 -0.41 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.09	21.00 -0.41 0.00	21.62 -0.44 0.00	22.47 -0.48 0.00	23.13 -0.52 0.00	23.13 -0.52 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.39 -0.67 -0.22	25.95 -0.68 -0.38	26.10 -0.69 -0.35	25.96 -0.69 -0.28	26.29 -0.70 -0.15	25.33 -0.65 -0.10	24.38 -0.60 0.00	24.19 -0.47 0.00
NM_CAPITAL___DRP 24208	25.68 0.80 -5.83	23.35 0.67 -6.82	20.14 0.65 -3.68	19.15 0.70 -2.66	19.30 0.70 -2.81	18.30 0.68 -1.82	20.26 0.68 -3.79	20.83 0.63 -4.35	21.03 0.69 -2.20	22.19 0.77 -0.01	22.85 0.79 0.00	23.80 0.85 0.00	24.55 0.90 0.00	24.59 0.95 0.00	24.89 0.98 0.00	25.66 1.03 0.00	31.92 0.98 -5.09	36.20 1.00 -8.95	35.65 1.00 -8.21	33.85 1.03 -6.45	31.47 1.05 -3.60	29.25 1.06 -2.32	26.08 1.10 0.00	25.58 0.91 0.00
NM_CENTRAL___DRP 24181	19.32 -0.08 -0.35	16.19 -0.08 -0.41	15.89 -0.14 -0.22	15.94 -0.02 -0.16	15.96 0.00 -0.17	15.90 -0.02 -0.11	15.97 -0.05 -0.23	15.99 -0.11 -0.26	18.19 -0.07 -0.13	21.36 -0.04 0.00	22.06 0.00 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.60 -0.05 0.00	23.84 -0.07 0.00	24.58 -0.05 0.00	26.10 -0.05 -0.31	26.74 -0.05 -0.54	26.87 -0.05 -0.49	26.71 -0.05 -0.39	26.96 -0.08 -0.22	25.99 -0.03 -0.14	24.98 0.00 0.00	24.79 0.12 0.00

NM_FRONTIER___DRP 24179	18.45 -1.22 -0.62	15.54 -1.05 -0.73	15.02 -1.19 -0.39	15.75 -0.33 -0.28	15.76 -0.33 -0.30	15.62 -0.38 -0.19	15.67 -0.52 -0.40	15.15 -1.16 -0.46	17.08 -1.29 -0.23	19.87 -1.54 0.00	20.67 -1.39 0.00	21.64 -1.31 0.00	22.23 -1.42 0.00	22.09 -1.56 0.00	22.43 -1.48 0.00	23.47 -1.16 0.00	25.13 -1.27 -0.56	25.89 -1.31 -0.95	25.96 -1.35 -0.87	25.79 -1.27 -0.69	25.95 -1.26 -0.38	24.88 -1.24 -0.25	23.86 -1.12 0.00	23.85 -0.81 0.00
NM_ST_REGIS___HYD 24053	18.25 -0.80 0.00	15.21 -0.65 0.00	15.19 -0.62 0.00	14.97 -0.82 0.00	14.96 -0.84 0.00	14.98 -0.82 0.00	15.03 -0.76 0.00	15.19 -0.65 0.00	17.28 -0.85 0.00	20.21 -1.20 0.00	20.85 -1.21 0.00	21.60 -1.35 0.00	22.23 -1.42 0.00	22.25 -1.40 0.00	22.50 -1.41 0.00	22.78 -1.85 0.00	23.90 -1.94 0.00	24.28 -1.97 0.00	24.48 -1.96 0.00	24.53 -1.85 0.00	25.00 -1.82 0.00	24.06 -1.81 0.00	23.16 -1.82 0.00	22.84 -1.83 0.00
NORTHPORT___1 23551	34.73 1.52 -14.16	32.59 1.25 -15.48	27.88 1.28 -10.79	24.13 1.28 -7.06	24.56 1.30 -7.47	24.35 1.31 -7.23	24.72 1.33 -7.61	27.47 1.41 -10.21	29.81 1.69 -9.99	32.03 1.93 -8.69	32.44 1.96 -8.42	33.53 2.00 -8.58	36.82 2.10 -11.07	37.00 2.15 -11.20	38.94 2.30 -12.73	46.04 2.56 -18.85	43.93 2.79 -15.30	51.34 2.81 -22.27	41.52 2.80 -12.29	40.55 2.66 -11.52	41.45 2.60 -12.02	36.92 2.43 -8.62	34.95 2.22 -7.75	33.25 1.97 -6.61
NORTHPORT___2 23552	34.73 1.52 -14.16	32.59 1.25 -15.48	27.88 1.28 -10.79	24.13 1.28 -7.06	24.56 1.30 -7.47	24.35 1.31 -7.23	24.72 1.33 -7.61	27.47 1.41 -10.21	29.81 1.69 -9.99	32.03 1.93 -8.69	32.44 1.96 -8.42	33.53 2.00 -8.58	36.82 2.10 -11.07	37.00 2.15 -11.20	38.94 2.30 -12.73	46.04 2.56 -18.85	43.93 2.79 -15.30	51.34 2.81 -22.27	41.52 2.80 -12.29	40.55 2.66 -11.52	41.45 2.60 -12.02	36.92 2.43 -8.62	34.95 2.22 -7.75	33.25 1.97 -6.61
NORTHPORT___3 23553	34.50 1.30 -14.16	32.39 1.05 -15.48	27.66 1.06 -10.79	23.88 1.03 -7.06	24.31 1.04 -7.47	24.09 1.06 -7.23	24.45 1.06 -7.61	27.23 1.17 -10.21	29.57 1.45 -9.99	31.79 1.69 -8.69	32.07 1.59 -8.42	33.18 1.65 -8.57	36.48 1.77 -11.06	36.66 1.82 -11.19	38.60 1.96 -12.72	45.68 2.22 -18.84	43.56 2.43 -15.29	50.96 2.44 -22.27	41.12 2.41 -12.28	40.15 2.27 -11.51	41.04 2.20 -12.01	36.52 2.04 -8.61	34.59 1.87 -7.74	32.82 1.55 -6.60
NORTHPORT___4 23650	34.50 1.30 -14.16	32.39 1.05 -15.48	27.66 1.06 -10.79	23.88 1.03 -7.06	24.31 1.04 -7.47	24.09 1.06 -7.23	24.45 1.06 -7.61	27.23 1.17 -10.21	29.57 1.45 -9.99	31.79 1.69 -8.69	32.07 1.59 -8.42	33.18 1.65 -8.57	36.48 1.77 -11.06	36.66 1.82 -11.19	38.60 1.96 -12.72	45.68 2.22 -18.84	43.56 2.43 -15.29	50.96 2.44 -22.27	41.12 2.41 -12.28	40.15 2.27 -11.51	41.04 2.20 -12.01	36.52 2.04 -8.61	34.59 1.87 -7.74	32.82 1.55 -6.60
NORTHPORT___IC 23718	34.75 1.54 -14.16	32.61 1.27 -15.48	27.89 1.30 -10.79	24.21 1.36 -7.06	24.64 1.37 -7.47	24.43 1.39 -7.23	24.77 1.37 -7.61	27.47 1.41 -10.21	29.79 1.67 -9.99	32.16 2.06 -8.69	32.46 1.99 -8.42	33.53 2.00 -8.58	36.82 2.10 -11.07	37.04 2.20 -11.20	38.92 2.27 -12.73	46.04 2.56 -18.85	43.91 2.79 -15.28	51.30 2.81 -22.23	41.49 2.80 -12.25	40.55 2.66 -11.52	41.45 2.60 -12.02	36.92 2.43 -8.62	34.95 2.22 -7.75	33.27 2.00 -6.61
NORTH___COUNTRY_ESR 323785	18.44 -0.61 0.00	15.34 -0.52 0.00	15.29 -0.52 0.00	15.24 -0.55 0.00	15.23 -0.57 0.00	15.20 -0.60 0.00	15.20 -0.58 0.00	15.21 -0.63 0.00	17.32 -0.82 0.00	20.25 -1.16 0.00	20.89 -1.17 0.00	21.69 -1.26 0.00	22.35 -1.30 0.00	22.32 -1.32 0.00	22.38 -1.53 0.00	23.00 -1.63 0.00	24.11 -1.73 0.00	24.47 -1.79 0.00	24.66 -1.77 0.00	24.61 -1.77 0.00	25.11 -1.72 0.00	24.19 -1.68 0.00	23.31 -1.67 0.00	23.08 -1.58 0.00
NPX_GEN_1385_PROXY 323591	33.59 0.99 -13.55	30.21 0.81 -13.54	27.53 0.93 -10.79	23.88 1.03 -7.06	24.32 1.06 -7.47	24.15 1.12 -7.22	24.65 1.25 -7.61	27.15 1.09 -10.21	29.32 1.20 -9.99	29.15 1.31 -6.44	31.05 1.32 -7.67	31.02 1.33 -6.74	31.23 1.42 -6.16	32.15 1.47 -7.04	33.39 1.60 -7.88	34.00 1.85 -7.53	36.07 2.04 -8.19	38.53 2.05 -10.23	39.66 2.04 -11.19	39.75 1.90 -11.48	37.29 1.83 -8.64	36.20 1.71 -8.62	33.00 1.50 -6.52	31.42 1.26 -5.50
NPX_GEN_CSC 323557	34.88 1.68 -14.16	32.71 1.36 -15.48	28.07 1.47 -10.79	24.29 1.44 -7.06	24.74 1.47 -7.47	24.50 1.47 -7.22	24.87 1.47 -7.61	27.64 1.58 -10.21	29.90 1.78 -9.99	32.07 1.97 -8.69	32.60 2.12 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.27 2.63 -12.73	46.38 2.90 -18.85	44.26 3.13 -15.30	51.73 3.20 -22.27	41.92 3.20 -12.29	40.95 3.06 -11.52	41.78 2.92 -12.02	37.21 2.72 -8.62	35.23 2.50 -7.75	33.44 2.17 -6.61
NSINS_S_GLNS_FALLS 23858	26.39 1.31 -6.02	23.97 1.06 -7.05	20.64 1.03 -3.80	19.60 1.06 -2.75	19.75 1.06 -2.90	18.77 1.09 -1.88	20.76 1.06 -3.91	21.36 1.01 -4.50	21.68 1.27 -2.28	22.98 1.56 -0.01	23.56 1.50 0.00	24.58 1.63 0.00	25.16 1.51 0.00	25.21 1.56 0.00	25.59 1.67 0.00	26.42 1.80 0.00	32.94 1.83 -5.27	37.33 1.84 -9.24	37.03 2.11 -8.48	35.28 2.24 -6.66	32.96 2.41 -3.72	30.67 2.41 -2.39	27.23 2.25 0.00	26.71 2.05 0.00
NUCOR_STEEL___DRP 24197	19.67 0.11 -0.50	16.48 0.03 -0.59	16.10 -0.03 -0.32	16.15 0.13 -0.23	16.18 0.14 -0.24	16.12 0.16 -0.16	16.21 0.09 -0.33	16.23 0.02 -0.37	18.41 0.09 -0.19	21.58 0.17 0.00	22.28 0.22 0.00	23.20 0.25 0.00	23.86 0.21 0.00	23.84 0.19 0.00	24.06 0.14 0.00	24.85 0.22 0.00	26.52 0.23 -0.45	27.28 0.26 -0.77	27.43 0.29 -0.71	27.19 0.26 -0.55	27.41 0.27 -0.31	26.38 0.31 -0.20	25.28 0.30 0.00	25.11 0.44 0.00
NUMBER_THREE_WT_PWR 323818	19.02 -0.17 -0.14	15.88 -0.14 -0.16	15.73 -0.17 -0.09	15.65 -0.21 -0.06	15.67 -0.19 -0.07	15.64 -0.21 -0.04	15.67 -0.21 -0.09	15.68 -0.27 -0.10	17.88 -0.31 -0.05	21.09 -0.32 0.00	21.73 -0.33 0.00	22.61 -0.34 0.00	23.22 -0.42 0.00	23.29 -0.35 0.00	23.53 -0.38 0.00	24.18 -0.44 0.00	25.47 -0.49 -0.12	26.02 -0.45 -0.21	26.31 -0.32 -0.20	26.37 -0.16 -0.15	26.78 -0.13 -0.09	25.77 -0.15 -0.06	24.88 -0.10 0.00	24.54 -0.12 0.00
NYISO_LBMP_REFERENCE 24008	19.05 0.00 0.00	15.86 0.00 0.00	15.81 0.00 0.00	15.80 0.00 0.00	15.80 0.00 0.00	15.80 0.00 0.00	15.79 0.00 0.00	15.84 0.00 0.00	18.13 0.00 0.00	21.41 0.00 0.00	22.06 0.00 0.00	22.95 0.00 0.00	23.65 0.00 0.00	23.65 0.00 0.00	23.91 0.00 0.00	24.63 0.00 0.00	25.84 0.00 0.00	26.25 0.00 0.00	26.43 0.00 0.00	26.37 0.00 0.00	26.83 0.00 0.00	25.87 0.00 0.00	24.98 0.00 0.00	24.66 0.00 0.00
NYPA_BRENTWD____GT 24164	34.98 1.77 -14.16	32.78 1.44 -15.48	28.05 1.45 -10.79	24.29 1.44 -7.06	24.72 1.45 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.63 1.57 -10.21	30.01 1.89 -9.99	32.29 2.18 -8.69	32.75 2.27 -8.42	33.92 2.39 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.34 3.20 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.96 3.11 -12.02	37.41 2.92 -8.62	35.43 2.70 -7.75	33.69 2.42 -6.61

NYPA_GOWANUS____GT5 24156	24.82	22.11	19.64	18.80	18.95	18.17	19.68	20.34	21.25	23.08	23.91	24.97	25.82	25.90	26.35	27.36	41.82	48.24	43.99	41.48	32.43	30.17	27.25	26.54
	1.26	0.97	0.98	0.95	0.98	0.96	0.96	1.13	1.42	1.67	1.85	2.02	2.17	2.25	2.44	2.73	3.05	3.07	3.04	2.82	2.76	2.51	2.27	1.87
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-12.93	-18.91	-14.52	-12.28	-2.84	-1.79	0.00	0.00
NYPA_GOWANUS____GT6 24157	24.82	22.11	19.64	18.80	18.95	18.17	19.68	20.34	21.25	23.08	23.91	24.97	25.82	25.90	26.35	27.36	41.82	48.24	43.99	41.48	32.43	30.17	27.25	26.54
	1.26	0.97	0.98	0.95	0.98	0.96	0.96	1.13	1.42	1.67	1.85	2.02	2.17	2.25	2.44	2.73	3.05	3.07	3.04	2.82	2.76	2.51	2.27	1.87
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-12.93	-18.91	-14.52	-12.28	-2.84	-1.79	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	24.70	22.04	19.59	18.75	18.88	18.13	19.66	20.30	21.21	22.99	23.77	24.83	25.65	25.72	26.15	27.16	32.94	36.07	35.62	33.97	32.16	29.96	27.07	26.36
	1.14	0.90	0.93	0.90	0.92	0.93	0.95	1.09	1.38	1.58	1.72	1.88	2.01	2.08	2.25	2.54	2.89	2.86	2.80	2.61	2.55	2.30	2.10	1.70
	-4.50	-5.28	-2.85	-2.05	-2.16	-1.40	-2.92	-3.36	-1.70	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-4.21	-6.96	-6.39	-4.98	-2.78	-1.78	0.01	0.01
NYPA_HARLEM__RVR__GT2 24161	24.70	22.04	19.59	18.75	18.88	18.13	19.66	20.30	21.21	22.99	23.77	24.83	25.65	25.72	26.15	27.16	32.94	36.07	35.62	33.97	32.16	29.96	27.07	26.36
	1.14	0.90	0.93	0.90	0.92	0.93	0.95	1.09	1.38	1.58	1.72	1.88	2.01	2.08	2.25	2.54	2.89	2.86	2.80	2.61	2.55	2.30	2.10	1.70
	-4.50	-5.28	-2.85	-2.05	-2.16	-1.40	-2.92	-3.36	-1.70	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-4.21	-6.96	-6.39	-4.98	-2.78	-1.78	0.01	0.01
NYPA_KENT____GT 24152	24.82	22.12	19.66	18.82	18.96	18.21	19.72	20.36	21.27	23.10	23.91	24.95	25.80	25.87	26.30	27.31	38.04	43.08	40.47	38.31	32.35	30.15	27.23	26.54
	1.26	0.98	1.00	0.96	1.00	1.00	1.00	1.14	1.43	1.69	1.85	2.00	2.15	2.22	2.39	2.68	3.00	3.02	2.99	2.77	2.71	2.48	2.25	1.87
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-9.21	-13.81	-11.05	-9.17	-2.82	-1.79	0.00	0.00
NYPA_POUCH1____GT 24155	24.74	22.04	19.58	18.74	18.88	18.11	19.62	20.26	21.18	23.00	23.82	24.88	25.73	25.80	26.26	27.26	41.74	48.16	43.91	41.40	32.35	30.10	27.18	26.44
	1.18	0.90	0.92	0.88	0.92	0.90	0.90	1.05	1.34	1.58	1.77	1.93	2.08	2.15	2.34	2.64	2.97	2.99	2.96	2.74	2.68	2.43	2.20	1.78
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-12.93	-18.91	-14.52	-12.28	-2.84	-1.79	0.00	0.00
NYPA_VERNON____GT2 24162	24.82	22.12	19.67	18.84	18.98	18.22	19.73	20.37	21.29	23.10	23.89	24.95	25.78	25.82	26.28	27.29	34.26	37.92	36.94	35.16	32.28	30.10	27.20	26.51
	1.26	0.98	1.01	0.98	1.01	1.01	1.01	1.16	1.45	1.69	1.83	2.00	2.13	2.17	2.37	2.66	2.94	2.97	2.93	2.74	2.66	2.43	2.22	1.85
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.48	-8.70	-7.57	-6.05	-2.79	-1.79	0.00	0.00
NYPA_VERNON____GT3 24163	24.82	22.12	19.67	18.84	18.98	18.22	19.73	20.37	21.29	23.10	23.89	24.95	25.78	25.82	26.28	27.29	34.26	37.92	36.94	35.16	32.28	30.10	27.20	26.51
	1.26	0.98	1.01	0.98	1.01	1.01	1.01	1.16	1.45	1.69	1.83	2.00	2.13	2.17	2.37	2.66	2.94	2.97	2.93	2.74	2.66	2.43	2.22	1.85
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-5.48	-8.70	-7.57	-6.05	-2.79	-1.79	0.00	0.00
NYPA____ASTORIA_CC1 323568	24.78	22.11	19.66	18.82	18.95	18.21	19.72	20.36	21.25	23.06	23.87	24.90	25.73	25.80	26.23	27.24	32.95	36.13	35.71	34.06	32.22	30.04	27.15	26.46
	1.22	0.97	1.00	0.96	0.98	1.00	1.00	1.14	1.42	1.65	1.81	1.95	2.08	2.15	2.32	2.61	2.89	2.91	2.88	2.69	2.60	2.38	2.17	1.80
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-6.97	-6.39	-4.99	-2.78	-1.79	0.00	0.00
NYPA____ASTORIA_CC2 323569	24.78	22.11	19.66	18.82	18.95	18.21	19.72	20.36	21.25	23.06	23.87	24.90	25.73	25.80	26.23	27.24	32.95	36.13	35.71	34.06	32.22	30.04	27.15	26.46
	1.22	0.97	1.00	0.96	0.98	1.00	1.00	1.14	1.42	1.65	1.81	1.95	2.08	2.15	2.32	2.61	2.89	2.91	2.88	2.69	2.60	2.38	2.17	1.80
	-4.51	-5.28	-2.85	-2.06	-2.17	-1.41	-2.93	-3.37	-1.71	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-6.97	-6.39	-4.99	-2.78	-1.79	0.00	0.00
NYPA____HOLTSVILL 23794	34.90	32.72	28.04	24.26	24.69	24.47	24.83	27.59	29.94	32.14	32.64	33.79	37.08	37.26	39.20	46.31	44.19	51.62	41.84	40.87	41.75	37.21	35.25	33.52
	1.69	1.38	1.44	1.41	1.42	1.44	1.44	1.54	1.81	2.03	2.16	2.25	2.36	2.41	2.56	2.83	3.05	3.10	3.12	2.98	2.90	2.72	2.52	2.24
	-14.16	-15.48	-10.79	-7.06	-7.47	-7.23	-7.61	-10.21	-9.99	-8.69	-8.42	-8.58	-11.07	-11.20	-12.73	-18.85	-15.30	-22.27	-12.29	-11.52	-12.02	-8.62	-7.75	-6.61
NYPA____HELLGATE_GT1 24158	24.70	22.04	19.59	18.75	18.88	18.13	19.66	20.30	21.21	22.99	23.77	24.83	25.65	25.72	26.15	27.16	32.94	36.07	35.62	33.97	32.16	29.96	27.07	26.36
	1.14	0.90	0.93	0.90	0.92	0.93	0.95	1.09	1.38	1.58	1.72	1.88	2.01	2.08	2.25	2.54	2.89	2.86	2.80	2.61	2.55	2.30	2.10	1.70
	-4.50	-5.28	-2.85	-2.05	-2.16	-1.40	-2.92	-3.36	-1.70	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-4.21	-6.96	-6.39	-4.98	-2.78	-1.78	0.01	0.01
NYPA____HELLGATE_GT2 24159	24.70	22.04	19.59	18.75	18.88	18.13	19.66	20.30	21.21	22.99	23.77	24.83	25.65	25.72	26.15	27.16	32.94	36.07	35.62	33.97	32.16	29.96	27.07	26.36
	1.14	0.90	0.93	0.90	0.92	0.93	0.95	1.09	1.38	1.58	1.72	1.88	2.01	2.08	2.25	2.54	2.89	2.86	2.80	2.61	2.55	2.30	2.10	1.70
	-4.50	-5.28	-2.85	-2.05	-2.16	-1.40	-2.92	-3.36	-1.70	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-4.21	-6.96	-6.39	-4.98	-2.78	-1.78	0.01	0.01
NYS_BARGE____HYD 23848	18.64	15.66	15.12	14.90	14.92	14.79	15.04	15.27	17.22	20.59	21.09	21.92	22.51	22.42	22.79	23.79	25.40	26.13	26.25	26.12	26.32	25.21	24.18	23.78
	-1.01	-0.90	-1.08	-1.17	-1.17	-1.20	-1.14	-1.03	-1.14	-0.81	-0.97	-1.03	-1.13	-1.23	-1.12	-0.84	-0.98	-1.05	-1.03	-0.92	-0.88	-0.91	-0.80	-0.89
	-0.60	-0.71	-0.38	-0.28	-0.29	-0.19	-0.39	-0.45	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-0.93	-0.85	-0.67	-0.37	-0.24	0.00	0.00
OAK ORCHARD____HYD 24046	19.21	16.09	15.68	15.50	15.51	15.42	15.62	15.77	17.92	21.21	21.80	22.61	23.25	23.22	23.55	24.40	26.13	26.86	26.98	26.79	27.06	25.99	24.76	24.37
	-0.34	-0.35	-0.44	-0.52	-0.52	-0.54	-0.49	-0.44	-0.40	-0.19	-0.26	-0.34	-0.40	-0.42	-0.36	-0.22	-0.15	-0.16	-0.16	-0.13	-0.08	-0.08	-0.23	-0.29
	-0.50	-0.58	-0.31	-0.23	-0.24	-0.16	-0.32	-0.37	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-0.76	-0.70	-0.55	-0.31	-0.20	0.00	0.00

OAKDALE___35_KV_LOAD 356122	20.44 0.02 -1.37	17.46 0.00 -1.60	16.61 -0.06 -0.86	16.52 0.09 -0.63	16.55 0.09 -0.66	16.31 0.08 -0.43	16.73 0.05 -0.89	16.83 -0.03 -1.02	18.67 0.02 -0.52	21.56 0.15 0.00	22.24 0.18 0.00	23.18 0.23 0.00	23.88 0.24 0.00	23.88 0.24 0.00	24.15 0.24 0.00	25.00 0.37 0.00	27.38 0.31 -1.23	28.70 0.34 -2.10	28.70 0.34 -1.93	28.23 0.34 -1.51	28.00 0.32 -0.84	26.75 0.34 -0.54	25.38 0.40 0.00	25.11 0.44 0.00
OCC_CHEM___DRP 24175	18.49 -1.18 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	15.76 -0.32 -0.28	15.78 -0.32 -0.30	15.63 -0.36 -0.19	15.69 -0.51 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	19.91 -1.50 0.00	20.69 -1.37 0.00	21.67 -1.29 0.00	22.28 -1.37 0.00	22.11 -1.54 0.00	22.48 -1.43 0.00	23.49 -1.13 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.87 -0.79 0.00
OH_GEN_PROXY 24063	18.52 -1.14 -0.61	15.56 -1.02 -0.72	15.04 -1.15 -0.39	14.83 -1.25 -0.28	14.86 -1.23 -0.29	14.71 -1.28 -0.18	14.98 -1.22 -0.41	15.19 -1.11 -0.46	17.15 -1.21 -0.23	20.45 -0.96 0.00	20.94 -1.12 0.00	21.74 -1.22 0.00	22.32 -1.32 0.00	22.23 -1.42 0.00	22.60 -1.32 0.00	23.54 -1.08 0.00	25.20 -1.19 -0.55	25.96 -1.23 -0.94	26.03 -1.27 -0.86	25.89 -1.16 -0.68	26.03 -1.18 -0.38	24.95 -1.16 -0.24	23.93 -1.05 0.00	23.55 -1.11 0.00
OLIN_CORP_DRP 24177	18.33 -1.35 -0.63	15.44 -1.16 -0.74	14.91 -1.30 -0.40	15.69 -0.39 -0.29	15.72 -0.38 -0.30	15.57 -0.43 -0.20	15.49 -0.71 -0.41	15.05 -1.27 -0.47	16.96 -1.41 -0.24	19.76 -1.65 0.00	20.54 -1.52 0.00	21.51 -1.45 0.00	22.11 -1.54 0.00	21.95 -1.70 0.00	22.31 -1.60 0.00	23.32 -1.31 0.00	24.98 -1.42 -0.56	25.70 -1.52 -0.97	25.81 -1.51 -0.89	25.65 -1.42 -0.70	25.80 -1.42 -0.39	24.73 -1.40 -0.25	23.73 -1.25 0.00	23.70 -0.96 0.00
OLIN_CORP_DSASP 323712	18.51 -1.16 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	14.82 -1.26 -0.28	14.83 -1.26 -0.30	14.70 -1.30 -0.19	14.96 -1.23 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	20.38 -1.03 0.00	20.87 -1.19 0.00	21.67 -1.28 0.00	22.28 -1.37 0.00	22.18 -1.47 0.00	22.52 -1.39 0.00	23.52 -1.11 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.53 -1.13 0.00
ONEIDA_HERK_LFGE 323681	19.40 0.23 -0.12	16.19 0.19 -0.14	16.05 0.16 -0.08	15.99 0.14 -0.05	16.00 0.14 -0.06	15.98 0.14 -0.04	16.01 0.14 -0.08	16.05 0.11 -0.09	18.32 0.14 -0.05	21.64 0.24 0.00	22.30 0.24 0.00	23.23 0.28 0.00	23.91 0.26 0.00	23.98 0.33 0.00	24.27 0.36 0.00	24.95 0.32 0.00	26.26 0.31 -0.11	26.78 0.34 -0.18	27.00 0.40 -0.17	27.00 0.50 -0.13	27.41 0.51 -0.07	26.39 0.47 -0.05	25.48 0.50 0.00	25.13 0.47 0.00
ONEIDA___115KV_TB4 55905	19.79 0.50 -0.24	16.54 0.40 -0.28	16.31 0.35 -0.15	16.33 0.43 -0.11	16.34 0.43 -0.12	16.29 0.41 -0.07	16.34 0.39 -0.16	16.34 0.32 -0.18	18.62 0.40 -0.09	21.94 0.54 0.00	22.63 0.57 0.00	23.59 0.64 0.00	24.29 0.64 0.00	24.36 0.71 0.00	24.65 0.74 0.00	25.39 0.76 0.00	26.80 0.75 -0.21	27.41 0.79 -0.37	27.62 0.85 -0.34	27.53 0.90 -0.27	27.89 0.91 -0.15	26.82 0.85 -0.10	25.88 0.90 0.00	25.58 0.91 0.00
ONONDAGA_REF_OCCRA 23987	19.33 -0.10 -0.38	16.19 -0.11 -0.44	15.89 -0.16 -0.24	15.92 -0.05 -0.17	15.95 -0.03 -0.18	15.87 -0.05 -0.12	15.95 -0.08 -0.24	16.00 -0.13 -0.28	18.19 -0.09 -0.14	21.36 -0.04 0.00	22.06 0.00 0.00	22.95 0.00 0.00	23.62 -0.02 0.00	23.60 -0.05 0.00	23.84 -0.07 0.00	24.58 -0.05 0.00	26.12 -0.05 -0.34	26.75 -0.08 -0.58	26.88 -0.08 -0.53	26.71 -0.08 -0.42	26.95 -0.11 -0.23	25.97 -0.05 -0.15	24.96 -0.02 0.00	24.74 0.07 0.00
ONONDAGA___COGEN 23986	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	16.01 0.03 -0.18	16.04 0.05 -0.19	15.98 0.05 -0.13	16.05 0.00 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.47 0.06 0.00	22.15 0.09 0.00	23.07 0.11 0.00	23.74 0.09 0.00	23.70 0.05 0.00	23.91 0.00 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.89 0.22 0.00
ONTARIO___LFGE 23819	19.48 -0.15 -0.58	16.33 -0.21 -0.68	15.86 -0.32 -0.37	15.70 -0.36 -0.26	15.73 -0.35 -0.28	15.64 -0.35 -0.18	15.85 -0.32 -0.38	16.04 -0.24 -0.43	18.14 -0.22 -0.22	21.41 0.00 0.00	22.02 -0.04 0.00	22.88 -0.07 0.00	23.53 -0.12 0.00	23.55 -0.09 0.00	23.84 -0.07 0.00	24.68 0.05 0.00	26.41 0.05 -0.52	27.25 0.11 -0.89	27.43 0.19 -0.81	27.20 0.19 -0.64	27.38 0.19 -0.36	26.33 0.23 -0.23	25.18 0.20 0.00	24.81 0.15 0.00
ORANGEVILLE_WT_PWR 323706	18.82 -0.99 -0.77	15.85 -0.90 -0.90	15.24 -1.06 -0.48	15.02 -1.12 -0.35	15.07 -1.09 -0.37	14.92 -1.12 -0.24	15.21 -1.07 -0.50	15.45 -0.97 -0.57	17.30 -1.12 -0.29	20.62 -0.79 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.58 -1.06 0.00	22.54 -1.11 0.00	22.93 -0.98 0.00	23.89 -0.74 0.00	25.54 -0.98 -0.69	26.46 -0.97 -1.18	26.59 -0.93 -1.08	26.32 -0.90 -0.85	26.42 -0.88 -0.47	25.35 -0.83 -0.30	24.41 -0.57 0.00	24.07 -0.59 0.00
ORANGEVILLE___ESR 323794	18.82 -0.99 -0.77	15.85 -0.90 -0.90	15.24 -1.06 -0.48	15.02 -1.12 -0.35	15.07 -1.09 -0.37	14.92 -1.12 -0.24	15.21 -1.07 -0.50	15.45 -0.97 -0.57	17.30 -1.12 -0.29	20.62 -0.79 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.58 -1.06 0.00	22.54 -1.11 0.00	22.93 -0.98 0.00	23.89 -0.74 0.00	25.54 -0.98 -0.69	26.46 -0.97 -1.18	26.59 -0.93 -1.08	26.32 -0.90 -0.85	26.42 -0.88 -0.47	25.35 -0.83 -0.30	24.41 -0.57 0.00	24.07 -0.59 0.00
OSWEGATCHIE___HYD 24044	18.54 -0.61 -0.10	15.47 -0.51 -0.12	15.37 -0.51 -0.06	15.34 -0.51 -0.05	15.34 -0.51 -0.05	15.33 -0.51 -0.03	15.35 -0.51 -0.07	15.35 -0.57 -0.08	17.46 -0.71 -0.04	20.53 -0.88 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.63 -1.02 0.00	22.67 -1.24 0.00	23.30 -1.33 0.00	24.53 -1.40 -0.09	25.04 -1.37 -0.16	25.28 -1.29 -0.14	25.35 -1.13 -0.11	25.79 -1.10 -0.06	24.83 -1.09 -0.04	23.91 -1.07 0.00	23.60 -1.06 0.00
OSWEGO___5 23606	19.04 -0.31 -0.29	15.93 -0.27 -0.34	15.69 -0.30 -0.18	15.60 -0.33 -0.13	15.62 -0.32 -0.14	15.56 -0.33 -0.09	15.66 -0.32 -0.19	15.76 -0.30 -0.22	17.94 -0.31 -0.11	21.13 -0.28 0.00	21.75 -0.31 0.00	22.61 -0.34 0.00	23.29 -0.35 0.00	23.29 -0.35 0.00	23.53 -0.38 0.00	24.18 -0.44 0.00	25.61 -0.49 -0.26	26.23 -0.47 -0.45	26.37 -0.48 -0.41	26.22 -0.47 -0.32	26.53 -0.48 -0.18	25.55 -0.44 -0.12	24.58 -0.40 0.00	24.37 -0.29 0.00
OSWEGO___6 23613	19.04 -0.31 -0.29	15.93 -0.27 -0.34	15.69 -0.30 -0.18	15.60 -0.33 -0.13	15.62 -0.32 -0.14	15.56 -0.33 -0.09	15.66 -0.32 -0.19	15.76 -0.30 -0.22	17.94 -0.31 -0.11	21.13 -0.28 0.00	21.75 -0.31 0.00	22.61 -0.34 0.00	23.29 -0.35 0.00	23.29 -0.35 0.00	23.53 -0.38 0.00	24.18 -0.44 0.00	25.61 -0.49 -0.26	26.23 -0.47 -0.45	26.37 -0.48 -0.41	26.22 -0.47 -0.32	26.53 -0.48 -0.18	25.55 -0.44 -0.12	24.58 -0.40 0.00	24.37 -0.29 0.00

OUTOKUMPU-AB___DRP 24206	18.77 -0.91 -0.63	15.81 -0.79 -0.74	15.25 -0.96 -0.40	15.93 -0.16 -0.29	15.96 -0.14 -0.31	15.80 -0.21 -0.20	15.82 -0.38 -0.41	15.38 -0.93 -0.47	17.36 -1.02 -0.24	20.32 -1.09 0.00	21.13 -0.93 0.00	22.15 -0.80 0.00	22.77 -0.87 0.00	22.61 -1.04 0.00	22.98 -0.93 0.00	24.06 -0.57 0.00	25.66 -0.75 -0.57	26.41 -0.81 -0.97	26.51 -0.82 -0.89	26.34 -0.74 -0.70	26.52 -0.70 -0.39	25.40 -0.72 -0.25	24.43 -0.55 0.00	24.37 -0.30 0.00
OXBOW___BTM 323836	18.69 -0.99 -0.63	15.71 -0.89 -0.73	15.16 -1.04 -0.40	14.94 -1.14 -0.29	14.96 -1.14 -0.30	14.83 -1.17 -0.20	15.09 -1.11 -0.41	15.30 -1.01 -0.47	17.26 -1.11 -0.24	20.62 -0.79 0.00	21.13 -0.93 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.47 -1.18 0.00	22.84 -1.08 0.00	23.84 -0.79 0.00	25.47 -0.93 -0.56	26.25 -0.97 -0.96	26.31 -1.00 -0.88	26.14 -0.92 -0.69	26.33 -0.88 -0.39	25.22 -0.91 -0.25	24.21 -0.77 0.00	23.80 -0.86 0.00
OXBOW___ 24026	18.67 -1.01 -0.63	15.71 -0.89 -0.73	15.16 -1.04 -0.40	15.86 -0.22 -0.29	15.89 -0.21 -0.30	15.75 -0.25 -0.20	15.77 -0.43 -0.41	15.30 -1.01 -0.47	17.27 -1.11 -0.24	20.14 -1.26 0.00	20.96 -1.10 0.00	21.97 -0.99 0.00	22.56 -1.09 0.00	22.42 -1.23 0.00	22.79 -1.12 0.00	23.84 -0.79 0.00	25.47 -0.93 -0.56	26.25 -0.97 -0.96	26.31 -1.00 -0.88	26.14 -0.92 -0.69	26.33 -0.89 -0.39	25.22 -0.91 -0.25	24.21 -0.77 0.00	24.17 -0.49 0.00
OXY_CHEM_DSASP 323612	18.49 -1.18 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	15.76 -0.32 -0.28	15.78 -0.32 -0.30	15.63 -0.36 -0.19	15.69 -0.51 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	19.91 -1.50 0.00	20.69 -1.37 0.00	21.67 -1.29 0.00	22.28 -1.37 0.00	22.11 -1.54 0.00	22.48 -1.43 0.00	23.49 -1.13 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.87 -0.79 0.00
OZONE_PARK_ESR 323760	25.03 1.47 -4.51	22.30 1.16 -5.28	19.82 1.15 -2.85	19.04 1.18 -2.06	19.18 1.22 -2.17	18.43 1.22 -1.41	19.91 1.18 -2.93	20.50 1.28 -3.37	21.43 1.60 -1.71	23.45 2.03 -0.01	24.09 2.03 0.00	25.13 2.18 0.00	25.97 2.32 0.00	26.08 2.44 0.00	26.45 2.53 0.00	27.51 2.88 0.00	33.16 3.13 -4.19	36.33 3.15 -6.92	35.91 3.12 -6.36	34.29 2.93 -4.99	32.48 2.87 -2.78	30.33 2.66 -1.79	27.43 2.45 0.00	26.76 2.10 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.49 -1.18 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	15.76 -0.32 -0.28	15.78 -0.32 -0.30	15.63 -0.36 -0.19	15.69 -0.51 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	19.91 -1.50 0.00	20.69 -1.37 0.00	21.67 -1.29 0.00	22.28 -1.37 0.00	22.11 -1.54 0.00	22.48 -1.43 0.00	23.49 -1.13 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.87 -0.79 0.00
PACKARD__115KV_DUPONT_184 80571	18.49 -1.18 -0.62	15.57 -1.02 -0.73	15.03 -1.17 -0.39	15.76 -0.32 -0.28	15.78 -0.32 -0.30	15.63 -0.36 -0.19	15.69 -0.51 -0.40	15.18 -1.12 -0.46	17.10 -1.27 -0.23	19.91 -1.50 0.00	20.69 -1.37 0.00	21.67 -1.29 0.00	22.28 -1.37 0.00	22.11 -1.54 0.00	22.48 -1.43 0.00	23.49 -1.13 0.00	25.16 -1.24 -0.56	25.95 -1.26 -0.95	25.99 -1.32 -0.88	25.85 -1.21 -0.69	26.01 -1.21 -0.38	24.93 -1.19 -0.25	23.88 -1.10 0.00	23.87 -0.79 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.74 1.18 -4.51	22.06 0.92 -5.28	19.61 0.95 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.68 0.96 -2.93	20.28 1.06 -3.37	21.18 1.34 -1.71	23.17 1.76 -0.01	23.80 1.74 0.00	24.81 1.86 0.00	25.63 1.99 0.00	25.75 2.10 0.00	26.11 2.20 0.00	27.14 2.51 0.00	32.82 2.79 -4.19	35.99 2.81 -6.92	35.56 2.78 -6.36	33.95 2.58 -4.99	32.14 2.52 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.39 1.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.86 1.30 -4.51	22.16 1.02 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.32 1.91 -0.01	23.96 1.90 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.30 2.39 0.00	27.36 2.73 0.00	33.08 3.05 -4.19	36.25 3.07 -6.92	35.83 3.04 -6.36	34.21 2.85 -4.99	32.40 2.79 -2.78	30.20 2.54 -1.79	27.33 2.35 0.00	26.64 1.97 0.00
PATROON__115KV_TB1 80586	25.74 0.82 -5.87	23.43 0.70 -6.87	20.18 0.66 -3.71	19.19 0.71 -2.68	19.32 0.70 -2.82	18.33 0.70 -1.83	20.28 0.68 -3.81	20.88 0.65 -4.38	21.06 0.71 -2.22	22.19 0.77 -0.01	22.85 0.79 0.00	23.82 0.87 0.00	24.57 0.92 0.00	24.62 0.97 0.00	24.92 1.00 0.00	25.69 1.06 0.00	31.96 0.98 -5.14	36.26 1.00 -9.01	35.70 1.00 -8.27	33.89 1.03 -6.49	31.50 1.05 -3.62	29.29 1.09 -2.33	26.08 1.10 0.00	25.60 0.94 0.00
PATTRSNVILLE___SOLAR 323815	26.11 0.86 -6.20	23.80 0.68 -7.26	20.38 0.65 -3.92	19.26 0.63 -2.83	19.41 0.63 -2.99	18.38 0.65 -1.93	20.45 0.63 -4.03	21.11 0.63 -4.63	21.24 0.76 -2.34	22.29 0.88 -0.01	22.99 0.93 0.00	23.99 1.03 0.00	24.71 1.07 0.00	24.71 1.07 0.00	25.11 1.20 0.00	25.91 1.28 0.00	32.61 1.32 -5.46	37.14 1.36 -9.52	36.62 1.45 -8.73	34.71 1.48 -6.86	32.19 1.53 -3.83	29.84 1.50 -2.46	26.40 1.42 0.00	25.97 1.31 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.45 -1.30 -0.69	15.56 -1.11 -0.81	14.95 -1.30 -0.44	15.45 -0.66 -0.32	15.48 -0.65 -0.33	15.31 -0.71 -0.22	15.40 -0.84 -0.45	15.14 -1.22 -0.52	17.05 -1.34 -0.26	20.42 -0.98 0.00	21.20 -0.86 0.00	22.22 -0.73 0.00	22.87 -0.78 0.00	22.75 -0.90 0.00	23.12 -0.79 0.00	24.21 -0.42 0.00	25.30 -1.16 -0.62	26.14 -1.18 -1.07	26.22 -1.19 -0.98	25.98 -1.16 -0.77	26.13 -1.13 -0.43	24.98 -1.16 -0.28	24.53 -0.45 0.00	24.52 -0.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.94 1.28 -4.61	22.29 1.03 -5.40	19.74 1.01 -2.91	18.93 1.03 -2.11	19.06 1.04 -2.22	18.28 1.04 -1.44	19.81 1.03 -3.00	20.40 1.11 -3.44	21.27 1.40 -1.74	23.17 1.76 -0.01	23.80 1.74 0.00	24.81 1.86 0.00	25.63 1.99 0.00	25.68 2.03 0.00	26.16 2.25 0.00	27.16 2.54 0.00	32.80 2.71 -4.25	36.06 2.73 -7.08	35.68 2.75 -6.50	34.09 2.61 -5.10	32.28 2.60 -2.85	30.14 2.43 -1.83	27.25 2.27 0.00	26.61 1.95 0.00
PEEKSKILL___ 23653	24.65 1.14 -4.46	22.00 0.92 -5.22	19.55 0.92 -2.82	18.72 0.88 -2.04	18.84 0.90 -2.15	18.09 0.90 -1.39	19.59 0.90 -2.90	20.19 1.01 -3.33	21.09 1.27 -1.69	22.89 1.48 -0.01	23.63 1.57 0.00	24.65 1.70 0.00	25.47 1.82 0.00	25.49 1.85 0.00	25.94 2.03 0.00	26.89 2.26 0.00	32.44 2.46 -4.14	35.62 2.50 -6.87	35.20 2.46 -6.31	33.63 2.32 -4.94	31.86 2.28 -2.75	29.77 2.12 -1.77	26.95 1.97 0.00	26.32 1.65 0.00
PGE MADISON___WINDPWR 24146	21.48 1.10 -1.32	18.25 0.84 -1.55	17.36 0.71 -0.84	17.05 0.65 -0.60	17.08 0.65 -0.64	16.85 0.63 -0.41	17.31 0.66 -0.86	17.45 0.62 -0.99	19.41 0.78 -0.50	22.52 1.11 0.00	23.14 1.08 0.00	24.17 1.22 0.00	24.88 1.23 0.00	25.04 1.39 0.00	25.40 1.48 0.00	26.20 1.58 0.00	28.60 1.58 -1.19	29.89 1.60 -2.03	30.07 1.77 -1.86	29.79 1.95 -1.46	29.63 1.99 -0.82	28.24 1.84 -0.53	26.93 1.95 0.00	26.56 1.90 0.00

PIERCEFIELD___HYD 23852	18.21 -0.84 0.00	15.19 -0.67 0.00	15.18 -0.63 0.00	14.97 -0.82 0.00	14.96 -0.84 0.00	15.00 -0.81 0.00	15.05 -0.74 0.00	15.18 -0.67 0.00	17.28 -0.85 0.00	20.21 -1.20 0.00	20.85 -1.21 0.00	21.60 -1.35 0.00	22.23 -1.42 0.00	22.28 -1.37 0.00	22.50 -1.41 0.00	22.73 -1.90 0.00	23.88 -1.96 0.00	24.26 -2.00 0.00	24.45 -1.98 0.00	24.53 -1.85 0.00	25.00 -1.82 0.00	24.06 -1.81 0.00	23.16 -1.82 0.00	22.84 -1.83 0.00
PINELAWN_CC_1 323563	34.82 1.62 -14.16	32.66 1.32 -15.48	27.93 1.33 -10.79	24.15 1.30 -7.06	24.58 1.31 -7.47	24.36 1.33 -7.23	24.72 1.33 -7.61	27.48 1.43 -10.21	29.86 1.74 -9.99	32.14 2.03 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.13 2.41 -11.07	37.31 2.46 -11.20	39.25 2.61 -12.73	46.38 2.90 -18.85	44.29 3.15 -15.30	51.73 3.20 -22.27	41.92 3.20 -12.29	40.95 3.06 -11.52	41.88 3.03 -12.02	37.34 2.85 -8.62	35.35 2.62 -7.75	33.57 2.29 -6.61
PJM_GEN_HTTP_PROXY 323702	24.80 1.24 -4.51	22.14 1.00 -5.28	19.67 1.01 -2.85	18.84 0.98 -2.06	18.96 1.00 -2.17	18.21 1.01 -1.40	19.74 1.01 -2.94	20.36 1.14 -3.37	21.27 1.43 -1.71	23.08 1.67 -0.01	23.87 1.81 0.00	24.90 1.95 0.00	25.70 2.06 0.00	25.75 2.10 0.00	26.21 2.30 0.00	27.21 2.59 0.00	32.87 2.82 -4.22	36.06 2.84 -6.97	35.63 2.80 -6.39	33.98 2.61 -4.99	32.14 2.52 -2.78	30.02 2.35 -1.79	27.13 2.15 0.00	26.46 1.80 0.00
PJM_GEN_KEystone 24065	21.74 -0.02 -2.71	18.99 -0.05 -3.17	17.43 -0.09 -1.71	16.88 -0.16 -1.24	16.96 -0.14 -1.31	16.48 -0.16 -0.84	17.42 -0.14 -1.77	17.85 -0.02 -2.03	19.21 0.05 -1.02	21.73 0.32 0.00	22.39 0.33 0.00	23.32 0.37 0.00	24.02 0.38 0.00	24.02 0.38 0.00	24.44 0.53 0.00	25.39 0.76 0.00	29.05 0.70 -2.51	31.14 0.71 -4.17	30.95 0.69 -3.83	30.00 0.63 -3.00	29.09 0.59 -1.67	27.47 0.52 -1.08	25.58 0.60 0.00	25.06 0.39 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.13 1.39 -9.69	27.74 1.13 -10.76	24.06 1.14 -7.11	21.64 1.11 -4.74	21.93 1.12 -5.02	21.45 1.12 -4.53	22.38 1.14 -5.45	24.14 1.25 -7.04	25.81 1.52 -6.15	27.88 1.80 -4.67	28.48 1.90 -4.52	29.58 2.02 -4.61	31.74 2.15 -5.95	31.86 2.20 -6.01	33.09 2.34 -6.84	37.36 2.61 -10.12	38.84 2.84 -10.16	44.30 2.86 -15.19	38.82 2.83 -9.56	37.56 2.69 -8.50	37.23 2.66 -7.75	33.81 2.48 -5.46	31.44 2.30 -4.16	30.19 1.97 -3.55
PJM_GEN_VFT_PROXY 323633	24.78 1.22 -4.51	22.11 0.97 -5.28	19.66 1.00 -2.85	18.80 0.95 -2.06	18.95 0.98 -2.17	18.18 0.98 -1.40	19.71 0.98 -2.94	20.34 1.13 -3.37	21.24 1.40 -1.71	23.04 1.63 -0.01	23.82 1.77 0.00	24.83 1.88 0.00	25.66 2.01 0.00	25.73 2.08 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.85 2.79 -4.22	36.03 2.81 -6.97	35.60 2.77 -6.39	33.95 2.59 -4.99	32.11 2.50 -2.78	29.97 2.30 -1.79	27.08 2.10 0.00	26.41 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	18.65 -0.40 0.00	15.51 -0.35 0.00	15.45 -0.36 0.00	15.20 -0.60 0.00	15.15 -0.65 0.00	15.17 -0.63 0.00	15.22 -0.57 0.00	15.37 -0.48 0.00	17.52 -0.62 0.00	20.47 -0.94 0.00	21.11 -0.95 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.51 -1.14 0.00	22.72 -1.20 0.00	23.22 -1.40 0.00	24.32 -1.52 0.00	24.68 -1.58 0.00	24.85 -1.59 0.00	24.82 -1.56 0.00	25.33 -1.50 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.21 -1.46 0.00
PLEASANTVLY___LBMP 24000	24.85 1.01 -4.79	22.29 0.82 -5.61	19.66 0.82 -3.03	18.84 0.85 -2.19	18.97 0.87 -2.31	18.17 0.87 -1.49	19.76 0.85 -3.12	20.31 0.89 -3.58	21.05 1.11 -1.81	22.78 1.37 -0.01	23.43 1.37 0.00	24.40 1.45 0.00	25.18 1.54 0.00	25.26 1.61 0.00	25.63 1.72 0.00	26.57 1.95 0.00	32.38 2.09 -4.45	35.71 2.10 -7.36	35.27 2.09 -6.75	33.65 1.98 -5.30	31.75 1.96 -2.96	29.61 1.84 -1.90	26.70 1.72 0.00	26.12 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.86 1.24 -4.57	22.20 1.00 -5.35	19.69 1.00 -2.89	18.91 1.03 -2.09	19.04 1.04 -2.20	18.27 1.04 -1.42	19.77 1.01 -2.97	20.33 1.08 -3.41	21.20 1.34 -1.73	23.15 1.73 -0.01	23.78 1.72 0.00	24.79 1.84 0.00	25.59 1.94 0.00	25.68 2.03 0.00	25.99 2.08 0.00	26.99 2.36 0.00	32.63 2.56 -4.23	35.84 2.57 -7.01	35.40 2.54 -6.43	33.83 2.40 -5.05	32.01 2.36 -2.82	29.91 2.23 -1.81	27.00 2.02 0.00	26.39 1.73 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.86 1.24 -4.57	22.20 1.00 -5.35	19.69 1.00 -2.89	18.91 1.03 -2.09	19.04 1.04 -2.20	18.27 1.04 -1.42	19.77 1.01 -2.97	20.33 1.08 -3.41	21.20 1.34 -1.73	23.15 1.73 -0.01	23.78 1.72 0.00	24.79 1.84 0.00	25.59 1.94 0.00	25.68 2.03 0.00	25.99 2.08 0.00	26.99 2.36 0.00	32.63 2.56 -4.23	35.84 2.57 -7.01	35.40 2.54 -6.43	33.83 2.40 -5.05	32.01 2.36 -2.82	29.91 2.23 -1.81	27.00 2.02 0.00	26.39 1.73 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.85 1.12 -4.67	22.25 0.92 -5.47	19.66 0.90 -2.95	18.86 0.93 -2.13	18.99 0.95 -2.25	18.21 0.95 -1.46	19.76 0.93 -3.04	20.25 0.92 -3.49	21.06 1.16 -1.77	22.87 1.46 -0.01	23.49 1.43 0.00	24.44 1.49 0.00	25.23 1.58 0.00	25.28 1.63 0.00	25.71 1.79 0.00	26.65 2.02 0.00	32.22 2.22 -4.16	35.68 2.26 -7.17	35.26 2.25 -6.58	33.71 2.16 -5.17	31.83 2.12 -2.88	29.72 1.99 -1.86	26.85 1.87 0.00	26.27 1.60 0.00
POLETTI____ 23519	24.84 1.28 -4.51	22.14 1.00 -5.28	19.69 1.03 -2.85	18.91 1.06 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.78 1.06 -2.93	20.35 1.14 -3.37	21.25 1.41 -1.71	23.23 1.82 -0.01	23.87 1.81 0.00	24.88 1.93 0.00	25.71 2.06 0.00	25.80 2.15 0.00	26.18 2.27 0.00	27.21 2.59 0.00	32.82 2.79 -4.19	35.99 2.81 -6.92	35.59 2.80 -6.36	33.98 2.61 -4.99	32.14 2.52 -2.78	30.02 2.35 -1.79	27.13 2.15 0.00	26.46 1.80 0.00
POMONA___ESR 323819	24.49 1.12 -4.32	21.83 0.92 -5.05	19.44 0.90 -2.73	18.64 0.87 -1.97	18.76 0.88 -2.08	18.05 0.90 -1.35	19.48 0.88 -2.81	20.05 0.98 -3.22	21.00 1.23 -1.63	22.87 1.46 -0.01	23.60 1.54 0.00	24.61 1.65 0.00	25.40 1.75 0.00	25.44 1.80 0.00	25.90 1.98 0.00	26.84 2.22 0.00	32.24 2.40 -4.00	35.34 2.44 -6.65	34.96 2.43 -6.10	33.44 2.29 -4.78	31.72 2.23 -2.66	29.68 2.09 -1.71	26.90 1.92 0.00	26.29 1.63 0.00
PORT_JEFF_3 23555	34.92 1.72 -14.16	32.74 1.40 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.70 1.44 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.61 1.55 -10.21	29.95 1.83 -9.99	32.18 2.08 -8.69	32.66 2.18 -8.42	33.83 2.29 -8.58	37.06 2.34 -11.07	37.21 2.36 -11.20	39.13 2.49 -12.73	46.21 2.73 -18.85	44.11 2.97 -15.30	51.55 3.02 -22.27	41.79 3.06 -12.29	40.84 2.95 -11.52	41.69 2.84 -12.02	37.18 2.69 -8.62	35.25 2.52 -7.75	33.54 2.27 -6.61
PORT_JEFF_4 23616	34.92 1.72 -14.16	32.74 1.40 -15.48	28.04 1.44 -10.79	24.26 1.41 -7.06	24.70 1.44 -7.47	24.47 1.44 -7.23	24.83 1.44 -7.61	27.61 1.55 -10.21	29.95 1.83 -9.99	32.18 2.08 -8.69	32.66 2.18 -8.42	33.83 2.29 -8.58	37.06 2.34 -11.07	37.21 2.36 -11.20	39.13 2.49 -12.73	46.21 2.73 -18.85	44.11 2.97 -15.30	51.55 3.02 -22.27	41.79 3.06 -12.29	40.84 2.95 -11.52	41.69 2.84 -12.02	37.18 2.69 -8.62	35.25 2.52 -7.75	33.54 2.27 -6.61

PORT_JEFF_IC 23713	34.96 1.75 -14.16	32.77 1.43 -15.48	28.07 1.47 -10.79	24.37 1.52 -7.06	24.81 1.55 -7.47	24.58 1.55 -7.23	24.93 1.53 -7.61	27.63 1.57 -10.21	29.97 1.85 -9.99	32.33 2.23 -8.69	32.73 2.25 -8.42	33.88 2.34 -8.58	37.13 2.41 -11.07	37.35 2.51 -11.20	39.15 2.51 -12.73	46.21 2.73 -18.85	44.09 2.97 -15.28	51.51 3.02 -22.23	41.78 3.09 -12.25	40.92 3.03 -11.52	41.80 2.95 -12.02	37.26 2.77 -8.62	35.33 2.60 -7.75	33.62 2.34 -6.61
PPL PILGRIM_ST_GT1 24216	34.98 1.77 -14.16	32.78 1.44 -15.48	28.05 1.45 -10.79	24.29 1.44 -7.06	24.72 1.45 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.63 1.57 -10.21	30.01 1.89 -9.99	32.29 2.18 -8.69	32.75 2.27 -8.42	33.92 2.39 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.34 3.20 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.96 3.11 -12.02	37.41 2.92 -8.62	35.43 2.70 -7.75	33.69 2.42 -6.61
PPL PILGRIM_ST_GT2 24217	34.98 1.77 -14.16	32.78 1.44 -15.48	28.05 1.45 -10.79	24.29 1.44 -7.06	24.72 1.45 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.63 1.57 -10.21	30.01 1.89 -9.99	32.29 2.18 -8.69	32.75 2.27 -8.42	33.92 2.39 -8.58	37.25 2.53 -11.07	37.42 2.58 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.34 3.20 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.96 3.11 -12.02	37.41 2.92 -8.62	35.43 2.70 -7.75	33.69 2.42 -6.61
PPL_SHRM_GT3 24213	34.90 1.69 -14.16	32.72 1.38 -15.48	28.08 1.49 -10.79	24.30 1.45 -7.06	24.75 1.48 -7.47	24.52 1.49 -7.23	24.88 1.48 -7.61	27.66 1.60 -10.21	29.92 1.80 -9.99	32.09 1.99 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.32 3.18 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.80 2.95 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.49 2.22 -6.61
PPL_SHRM_GT4 24214	34.90 1.69 -14.16	32.72 1.38 -15.48	28.08 1.49 -10.79	24.30 1.45 -7.06	24.75 1.48 -7.47	24.52 1.49 -7.23	24.88 1.48 -7.61	27.66 1.60 -10.21	29.92 1.80 -9.99	32.09 1.99 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.32 3.18 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.80 2.95 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.49 2.22 -6.61
PROJECT___ORANGE 1 24174	19.35 -0.06 -0.35	16.19 -0.08 -0.41	15.91 -0.13 -0.22	15.96 0.00 -0.16	15.97 0.00 -0.17	15.91 0.00 -0.11	15.97 -0.05 -0.23	16.00 -0.11 -0.26	18.20 -0.07 -0.13	21.39 -0.02 0.00	22.08 0.02 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.62 -0.02 0.00	23.84 -0.07 0.00	24.60 -0.02 0.00	26.13 -0.03 -0.32	26.74 -0.05 -0.54	26.88 -0.05 -0.50	26.71 -0.05 -0.39	26.99 -0.05 -0.22	25.99 -0.03 -0.14	24.98 0.00 0.00	24.79 0.12 0.00
PROJECT___ORANGE 2 24166	19.35 -0.06 -0.35	16.19 -0.08 -0.41	15.91 -0.13 -0.22	15.96 0.00 -0.16	15.97 0.00 -0.17	15.91 0.00 -0.11	15.97 -0.05 -0.23	16.00 -0.11 -0.26	18.20 -0.07 -0.13	21.39 -0.02 0.00	22.08 0.02 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.62 -0.02 0.00	23.84 -0.07 0.00	24.60 -0.02 0.00	26.13 -0.03 -0.32	26.74 -0.05 -0.54	26.88 -0.05 -0.50	26.71 -0.05 -0.39	26.99 -0.05 -0.22	25.99 -0.03 -0.14	24.98 0.00 0.00	24.79 0.12 0.00
PUCKETT___SOLAR 323809	20.78 0.32 -1.41	17.75 0.24 -1.65	16.88 0.17 -0.89	16.57 0.13 -0.64	16.62 0.14 -0.68	16.37 0.13 -0.44	16.85 0.14 -0.92	17.07 0.17 -1.05	18.92 0.25 -0.53	21.88 0.47 0.00	22.52 0.46 0.00	23.46 0.50 0.00	24.17 0.52 0.00	24.19 0.54 0.00	24.53 0.62 0.00	25.34 0.71 0.00	27.77 0.67 -1.26	29.15 0.73 -2.16	29.21 0.79 -1.99	28.75 0.82 -1.56	28.53 0.83 -0.87	27.21 0.78 -0.56	25.83 0.85 0.00	25.45 0.79 0.00
PYRITES___HYD 24023	18.50 -0.55 0.00	15.43 -0.43 0.00	15.43 -0.38 0.00	15.20 -0.60 0.00	15.20 -0.60 0.00	15.23 -0.57 0.00	15.28 -0.51 0.00	15.42 -0.43 0.00	17.52 -0.62 0.00	20.51 -0.90 0.00	21.13 -0.93 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.58 -1.06 0.00	22.86 -1.05 0.00	23.07 -1.55 0.00	24.24 -1.60 0.00	24.65 -1.60 0.00	24.85 -1.59 0.00	24.97 -1.40 0.00	25.49 -1.34 0.00	24.50 -1.37 0.00	23.61 -1.37 0.00	23.26 -1.41 0.00
QUAKERRD_115KV_BK1 80622	18.88 -0.65 -0.48	15.83 -0.59 -0.56	15.43 -0.68 -0.30	15.68 -0.33 -0.22	15.71 -0.32 -0.23	15.62 -0.33 -0.15	15.69 -0.41 -0.31	15.54 -0.67 -0.36	17.66 -0.65 -0.18	20.64 -0.77 0.00	21.38 -0.68 0.00	22.26 -0.69 0.00	22.89 -0.76 0.00	22.84 -0.80 0.00	23.12 -0.79 0.00	23.96 -0.66 0.00	25.65 -0.62 -0.43	26.36 -0.63 -0.73	26.50 -0.61 -0.67	26.27 -0.63 -0.53	26.56 -0.56 -0.30	25.52 -0.54 -0.19	24.31 -0.67 0.00	24.15 -0.52 0.00
QUENSBRY_115KV_TB8 356137	26.43 1.35 -6.03	23.99 1.08 -7.05	20.66 1.04 -3.81	19.62 1.07 -2.75	19.77 1.07 -2.90	18.79 1.11 -1.88	20.76 1.06 -3.92	21.37 1.03 -4.50	21.72 1.31 -2.28	23.02 1.61 -0.01	23.60 1.54 0.00	24.63 1.68 0.00	25.18 1.54 0.00	25.23 1.58 0.00	25.61 1.70 0.00	26.45 1.82 0.00	32.97 1.86 -5.27	37.37 1.86 -9.25	37.09 2.17 -8.49	35.33 2.29 -6.67	33.02 2.47 -3.72	30.72 2.46 -2.39	27.28 2.30 0.00	26.76 2.10 0.00
RAMAPO___LBMP 323565	24.42 1.07 -4.30	21.75 0.86 -5.03	19.38 0.85 -2.71	18.63 0.87 -1.96	18.77 0.90 -2.07	18.04 0.90 -1.34	19.45 0.87 -2.79	19.97 0.92 -3.21	20.92 1.16 -1.62	22.89 1.48 -0.01	23.52 1.46 0.00	24.51 1.56 0.00	25.30 1.66 0.00	25.40 1.75 0.00	25.75 1.84 0.00	26.72 2.09 0.00	32.09 2.27 -3.97	35.16 2.31 -6.60	34.76 2.27 -6.05	33.26 2.14 -4.76	31.58 2.09 -2.65	29.55 1.97 -1.71	26.78 1.80 0.00	26.19 1.53 0.00
RANKINE____ 23646	18.70 -1.03 -0.68	15.77 -0.89 -0.79	15.18 -1.06 -0.43	15.73 -0.38 -0.31	15.76 -0.36 -0.33	15.60 -0.41 -0.21	15.68 -0.55 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.36 -1.05 0.00	21.15 -0.90 0.00	22.17 -0.78 0.00	22.80 -0.85 0.00	22.65 -0.99 0.00	23.05 -0.86 0.00	24.11 -0.52 0.00	25.57 -0.88 -0.61	26.40 -0.89 -1.04	26.46 -0.93 -0.96	26.28 -0.84 -0.75	26.44 -0.80 -0.42	25.31 -0.83 -0.27	24.48 -0.50 0.00	24.44 -0.22 0.00
RAVENSWOOD_GT2_1 24244	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.91 1.06 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.27 1.43 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD_GT2_2 24245	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.91 1.06 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.27 1.43 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00

RAVENSWOOD_GT2_3 24246	24.88 1.31 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.87 2.84 -4.19	36.04 2.86 -6.92	35.64 2.85 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.07 2.41 -1.79	27.20 2.22 0.00	26.54 1.87 0.00
RAVENSWOOD_GT2_4 24247	24.88 1.31 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.87 2.84 -4.19	36.04 2.86 -6.92	35.64 2.85 -6.36	34.03 2.66 -4.99	32.22 2.60 -2.78	30.07 2.41 -1.79	27.20 2.22 0.00	26.54 1.87 0.00
RAVENSWOOD_GT3_1 24248	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.27 1.43 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD_GT3_2 24249	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.27 1.43 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD_GT3_3 24250	24.90 1.33 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.81 1.09 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.87 2.22 0.00	26.26 2.34 0.00	27.26 2.64 0.00	32.90 2.87 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.24 2.63 -2.78	30.10 2.43 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
RAVENSWOOD_GT3_4 24251	24.90 1.33 -4.51	22.19 1.05 -5.28	19.72 1.06 -2.85	18.95 1.09 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.81 1.09 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.87 2.22 0.00	26.26 2.34 0.00	27.26 2.64 0.00	32.90 2.87 -4.19	36.09 2.91 -6.92	35.67 2.88 -6.36	34.05 2.69 -4.99	32.24 2.63 -2.78	30.10 2.43 -1.79	27.23 2.25 0.00	26.56 1.90 0.00
RAVENSWOOD_GT_1 23729	24.84 1.28 -4.51	22.14 1.00 -5.28	19.69 1.03 -2.85	18.91 1.06 -2.06	19.04 1.07 -2.17	18.28 1.07 -1.41	19.78 1.06 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.89 2.25 0.00	26.26 2.34 0.00	27.29 2.66 0.00	34.24 2.95 -5.46	37.88 2.97 -8.66	36.90 2.93 -7.53	35.16 2.74 -6.05	32.28 2.66 -2.79	30.10 2.43 -1.79	27.20 2.22 0.00	26.51 1.85 0.00
RAVENSWOOD_GT_10 24258	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD_GT_11 24259	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD_GT_4 24252	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.81 2.82 -5.15	37.33 2.84 -8.24	36.51 2.83 -7.25	34.81 2.64 -5.80	32.20 2.58 -2.79	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
RAVENSWOOD_GT_5 24254	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.81 2.82 -5.15	37.33 2.84 -8.24	36.51 2.83 -7.25	34.81 2.64 -5.80	32.20 2.58 -2.79	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
RAVENSWOOD_GT_6 24253	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.81 2.82 -5.15	37.33 2.84 -8.24	36.51 2.83 -7.25	34.81 2.64 -5.80	32.20 2.58 -2.79	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
RAVENSWOOD_GT_7 24255	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.91 1.85 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	33.81 2.82 -5.15	37.33 2.84 -8.24	36.51 2.83 -7.25	34.81 2.64 -5.80	32.20 2.58 -2.79	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD_GT_9 24257	24.86 1.30 -4.51	22.17 1.03 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.28 1.86 -0.01	23.89 1.83 0.00	24.90 1.95 0.00	25.73 2.08 0.00	25.85 2.20 0.00	26.21 2.30 0.00	27.24 2.61 0.00	32.85 2.82 -4.19	36.04 2.86 -6.92	35.62 2.83 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00

RAVENSWOOD___1 23533	24.80 1.24 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.84 0.98 -2.06	18.96 1.00 -2.17	18.22 1.01 -1.41	19.73 1.01 -2.93	20.36 1.14 -3.37	21.27 1.43 -1.71	23.08 1.67 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.82 2.17 0.00	26.26 2.34 0.00	27.26 2.64 0.00	32.97 2.92 -4.22	36.16 2.94 -6.97	35.73 2.91 -6.39	34.08 2.72 -4.99	32.27 2.66 -2.78	30.07 2.41 -1.79	27.20 2.22 0.00	26.49 1.83 0.00
RAVENSWOOD___2 23534	24.80 1.24 -4.51	22.11 0.97 -5.28	19.66 1.00 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.73 1.01 -2.93	20.36 1.14 -3.37	21.27 1.43 -1.71	23.08 1.67 -0.01	23.87 1.81 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.26 2.34 0.00	27.24 2.61 0.00	32.97 2.92 -4.22	36.16 2.94 -6.97	35.73 2.91 -6.39	34.08 2.72 -4.99	32.24 2.63 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.49 1.83 0.00
RAVENSWOOD___3 23535	24.84 1.28 -4.51	22.16 1.02 -5.28	19.69 1.03 -2.85	18.85 1.00 -2.06	18.99 1.03 -2.17	18.24 1.03 -1.41	19.75 1.03 -2.93	20.37 1.16 -3.37	21.29 1.45 -1.71	23.10 1.69 -0.01	23.87 1.81 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	32.90 2.84 -4.22	36.08 2.86 -6.97	35.66 2.83 -6.39	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.51 1.85 0.00
RAVENSWOOD___4 23820	24.80 1.24 -4.51	22.11 0.97 -5.28	19.66 1.00 -2.85	18.82 0.96 -2.06	18.96 1.00 -2.17	18.21 1.00 -1.41	19.72 1.00 -2.93	20.36 1.14 -3.37	21.25 1.42 -1.71	23.08 1.67 -0.01	23.87 1.81 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.80 2.15 0.00	26.23 2.32 0.00	27.24 2.61 0.00	31.73 2.92 -2.97	34.45 2.94 -5.26	34.57 2.91 -5.23	33.04 2.72 -3.95	32.24 2.63 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.49 1.83 0.00
RCPL_TRUST___DRP 24196	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.39 1.17 -3.37	21.31 1.47 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.87 2.22 0.00	26.23 2.32 0.00	27.29 2.66 0.00	32.87 2.84 -4.19	36.04 2.86 -6.92	35.64 2.85 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
RED___ROCHESTER 323720	19.32 -0.23 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	15.58 -0.44 -0.23	15.59 -0.44 -0.24	15.50 -0.46 -0.15	15.70 -0.41 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.37 -0.04 0.00	21.95 -0.11 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.41 -0.24 0.00	23.75 -0.17 0.00	24.63 0.00 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	27.00 0.08 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.54 -0.12 0.00
REGAN___SOLAR 323812	27.53 1.87 -6.61	25.03 1.43 -7.74	21.33 1.34 -4.18	20.13 1.31 -3.02	20.27 1.30 -3.18	19.22 1.36 -2.06	21.38 1.29 -4.30	22.11 1.33 -4.94	22.30 1.67 -2.50	23.34 1.93 -0.01	24.13 2.07 0.00	25.34 2.39 0.00	26.08 2.44 0.00	26.13 2.48 0.00	26.71 2.80 0.00	27.60 2.98 0.00	34.80 3.13 -5.84	39.66 3.25 -10.15	39.16 3.41 -9.31	37.12 3.43 -7.32	34.40 3.49 -4.08	31.94 3.44 -2.63	28.21 3.22 0.00	27.62 2.96 0.00
RENSSELAER___COGEN 23796	25.60 0.74 -5.81	23.29 0.64 -6.79	20.09 0.62 -3.67	19.05 0.60 -2.65	19.18 0.58 -2.79	18.20 0.59 -1.81	20.15 0.58 -3.77	20.77 0.59 -4.34	20.96 0.63 -2.19	22.04 0.62 -0.01	22.72 0.66 0.00	23.69 0.73 0.00	24.45 0.80 0.00	24.43 0.78 0.00	24.80 0.89 0.00	25.51 0.89 0.00	31.77 0.85 -5.08	36.03 0.87 -8.91	35.48 0.87 -8.18	33.67 0.87 -6.42	31.33 0.91 -3.58	29.11 0.93 -2.31	25.95 0.97 0.00	25.62 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.19 2.11 -6.02	24.62 1.71 -7.05	21.26 1.64 -3.80	20.20 1.66 -2.75	20.34 1.64 -2.90	19.42 1.74 -1.88	21.34 1.64 -3.91	21.94 1.60 -4.50	22.44 2.03 -2.28	23.94 2.53 -0.01	24.62 2.56 0.00	25.75 2.80 0.00	26.30 2.65 0.00	26.37 2.72 0.00	26.78 2.87 0.00	27.68 3.05 0.00	34.23 3.13 -5.27	38.67 3.18 -9.24	38.40 3.49 -8.48	36.73 3.69 -6.66	34.44 3.89 -3.72	32.15 3.88 -2.39	28.60 3.62 0.00	28.04 3.38 0.00
REVERE_CPPR_DRP 24186	19.84 0.59 -0.20	16.57 0.48 -0.24	16.37 0.43 -0.13	16.36 0.47 -0.09	16.38 0.49 -0.10	16.34 0.47 -0.06	16.38 0.46 -0.13	16.36 0.36 -0.15	18.66 0.45 -0.08	22.01 0.60 0.00	22.70 0.64 0.00	23.66 0.71 0.00	24.36 0.71 0.00	24.45 0.80 0.00	24.75 0.84 0.00	25.49 0.86 0.00	26.87 0.85 -0.18	27.46 0.89 -0.31	27.67 0.95 -0.28	27.65 1.05 -0.22	28.03 1.07 -0.12	26.94 0.98 -0.08	26.01 1.02 0.00	25.67 1.01 0.00
REYNOLDS_115KV_TB3 80639	25.67 0.80 -5.82	23.35 0.68 -6.81	20.15 0.66 -3.67	19.16 0.71 -2.66	19.31 0.71 -2.80	18.31 0.70 -1.81	20.26 0.69 -3.78	20.84 0.65 -4.34	21.06 0.73 -2.20	22.25 0.83 -0.01	22.92 0.86 0.00	23.85 0.90 0.00	24.62 0.97 0.00	24.66 1.02 0.00	24.96 1.05 0.00	25.71 1.08 0.00	31.97 1.06 -5.07	36.26 1.08 -8.93	35.71 1.08 -8.19	33.91 1.11 -6.43	31.57 1.15 -3.59	29.32 1.14 -2.31	26.16 1.17 0.00	25.65 0.99 0.00
RIVERBAY____ 323610	24.86 1.30 -4.51	22.16 1.02 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.07 1.11 -2.17	18.32 1.11 -1.41	19.80 1.07 -2.93	20.39 1.17 -3.37	21.29 1.45 -1.71	23.32 1.91 -0.01	23.96 1.90 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.30 2.39 0.00	27.36 2.73 0.00	33.08 3.05 -4.19	36.25 3.07 -6.92	35.83 3.04 -6.36	34.21 2.85 -4.99	32.40 2.79 -2.78	30.20 2.54 -1.79	27.33 2.35 0.00	26.64 1.97 0.00
RIVERSDE_115KV_TB3 55908	25.68 0.80 -5.83	23.35 0.67 -6.82	20.14 0.65 -3.68	19.15 0.70 -2.66	19.30 0.70 -2.81	18.30 0.68 -1.82	20.26 0.68 -3.79	20.83 0.63 -4.35	21.03 0.69 -2.20	22.19 0.77 -0.01	22.85 0.79 0.00	23.80 0.85 0.00	24.55 0.90 0.00	24.59 0.95 0.00	24.89 0.98 0.00	25.66 1.03 0.00	31.92 0.98 -5.09	36.20 1.00 -8.95	35.65 1.00 -8.21	33.85 1.03 -6.45	31.47 1.05 -3.60	29.25 1.06 -2.32	26.08 1.10 0.00	25.58 0.91 0.00
ROARING___BROOK_WT_PWR 323790	18.52 -0.53 0.00	15.38 -0.48 0.00	15.34 -0.47 0.00	15.32 -0.47 0.00	15.31 -0.49 0.00	15.31 -0.49 0.00	15.30 -0.49 0.00	15.35 -0.49 0.00	17.55 -0.58 0.00	20.68 -0.73 0.00	21.31 -0.75 0.00	22.17 -0.78 0.00	22.84 -0.80 0.00	22.84 -0.80 0.00	23.05 -0.86 0.00	23.72 -0.91 0.00	24.91 -0.93 0.00	25.31 -0.94 0.00	25.51 -0.93 0.00	25.45 -0.92 0.00	25.92 -0.91 0.00	25.02 -0.85 0.00	24.16 -0.82 0.00	23.90 -0.76 0.00
ROCHESRG_115KV_T4 355643	19.10 -0.44 -0.49	16.02 -0.41 -0.57	15.62 -0.51 -0.31	15.94 -0.08 -0.22	15.97 -0.06 -0.24	15.86 -0.09 -0.15	15.93 -0.17 -0.32	15.72 -0.49 -0.37	17.85 -0.47 -0.19	20.83 -0.58 0.00	21.57 -0.49 0.00	22.52 -0.44 0.00	23.15 -0.50 0.00	23.08 -0.57 0.00	23.39 -0.53 0.00	24.28 -0.34 0.00	26.00 -0.28 -0.44	26.72 -0.29 -0.75	26.83 -0.29 -0.69	26.65 -0.26 -0.54	26.92 -0.21 -0.30	25.86 -0.21 -0.20	24.63 -0.35 0.00	24.49 -0.17 0.00

ROCHESTER_9_IC 23652	19.22 -0.32 -0.49	16.11 -0.33 -0.58	15.70 -0.43 -0.31	16.02 0.00 -0.23	16.05 0.02 -0.24	15.94 -0.02 -0.15	16.02 -0.09 -0.32	15.80 -0.41 -0.37	17.96 -0.36 -0.19	20.96 -0.45 0.00	21.73 -0.33 0.00	22.65 -0.30 0.00	23.29 -0.35 0.00	23.22 -0.43 0.00	23.55 -0.36 0.00	24.45 -0.17 0.00	26.18 -0.10 -0.44	26.91 -0.11 -0.76	27.02 -0.11 -0.70	26.81 -0.11 -0.55	27.11 -0.03 -0.31	26.04 -0.03 -0.20	24.81 -0.17 0.00	24.64 -0.02 0.00
ROCKVIEW_13_KV_LD 356306	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.35 1.14 -3.37	21.27 1.43 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.88 1.93 0.00	25.71 2.06 0.00	25.82 2.18 0.00	26.16 2.25 0.00	27.19 2.56 0.00	32.81 2.79 -4.18	35.96 2.78 -6.92	35.54 2.75 -6.36	33.98 2.61 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
ROME____115KV_TB2 80656	19.84 0.59 -0.20	16.57 0.48 -0.24	16.37 0.43 -0.13	16.36 0.47 -0.09	16.38 0.49 -0.10	16.34 0.47 -0.06	16.38 0.46 -0.13	16.36 0.36 -0.15	18.66 0.45 -0.08	22.01 0.60 0.00	22.70 0.64 0.00	23.66 0.71 0.00	24.36 0.71 0.00	24.45 0.80 0.00	24.75 0.84 0.00	25.49 0.86 0.00	26.87 0.85 -0.18	27.46 0.89 -0.31	27.67 0.95 -0.28	27.65 1.05 -0.22	28.03 1.07 -0.12	26.94 0.98 -0.08	26.01 1.02 0.00	25.67 1.01 0.00
ROSETON____1 23587	24.56 0.97 -4.54	21.97 0.79 -5.32	19.47 0.79 -2.87	18.64 0.77 -2.07	18.76 0.77 -2.19	18.01 0.79 -1.42	19.53 0.79 -2.95	20.09 0.85 -3.39	20.92 1.07 -1.72	22.66 1.24 -0.01	23.36 1.30 0.00	24.35 1.40 0.00	25.14 1.49 0.00	25.16 1.51 0.00	25.63 1.72 0.00	26.52 1.90 0.00	32.10 2.07 -4.19	35.29 2.07 -6.96	34.89 2.06 -6.39	33.38 1.98 -5.03	31.57 1.93 -2.80	29.49 1.81 -1.80	26.68 1.70 0.00	26.09 1.43 0.00
ROSETON____2 23588	24.56 0.97 -4.54	21.97 0.79 -5.32	19.47 0.79 -2.87	18.64 0.77 -2.07	18.76 0.77 -2.19	18.01 0.79 -1.42	19.53 0.79 -2.95	20.09 0.85 -3.39	20.92 1.07 -1.72	22.66 1.24 -0.01	23.36 1.30 0.00	24.35 1.40 0.00	25.14 1.49 0.00	25.16 1.51 0.00	25.63 1.72 0.00	26.52 1.90 0.00	32.10 2.07 -4.19	35.29 2.07 -6.96	34.89 2.06 -6.39	33.38 1.98 -5.03	31.57 1.93 -2.80	29.49 1.81 -1.80	26.68 1.70 0.00	26.09 1.43 0.00
ROTTDAM_115KV_TB3 80664	25.87 0.72 -6.09	23.58 0.59 -7.13	20.23 0.57 -3.85	19.18 0.60 -2.78	19.33 0.60 -2.93	18.30 0.60 -1.90	20.33 0.58 -3.96	20.95 0.55 -4.55	21.13 0.69 -2.30	22.25 0.83 -0.01	22.90 0.84 0.00	23.87 0.92 0.00	24.59 0.95 0.00	24.62 0.97 0.00	24.94 1.03 0.00	25.73 1.11 0.00	32.36 1.16 -5.36	36.79 1.18 -9.35	36.23 1.22 -8.58	34.35 1.24 -6.74	31.88 1.29 -3.76	29.53 1.24 -2.42	26.18 1.20 0.00	25.75 1.09 0.00
RUSSELL____1 23602	19.30 -0.25 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	16.08 0.06 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.06 -0.05 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.07 -0.34 0.00	21.84 -0.22 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.36 -0.28 0.00	23.70 -0.22 0.00	24.60 -0.02 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	26.97 0.05 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.76 0.10 0.00
RUSSELL____2 23532	19.30 -0.25 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	16.08 0.06 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.06 -0.05 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.07 -0.34 0.00	21.84 -0.22 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.36 -0.28 0.00	23.70 -0.22 0.00	24.60 -0.02 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	26.97 0.05 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.76 0.10 0.00
RUSSELL____3 23549	19.30 -0.25 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	16.08 0.06 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.06 -0.05 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.07 -0.34 0.00	21.84 -0.22 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.36 -0.28 0.00	23.70 -0.22 0.00	24.60 -0.02 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	26.97 0.05 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.76 0.10 0.00
RUSSELL____4 23556	19.30 -0.25 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	16.08 0.06 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.06 -0.05 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.07 -0.34 0.00	21.84 -0.22 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.36 -0.28 0.00	23.70 -0.22 0.00	24.60 -0.02 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	26.97 0.05 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.76 0.10 0.00
RUSSELL____STATION 23914	19.30 -0.25 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	16.08 0.06 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.06 -0.05 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.07 -0.34 0.00	21.84 -0.22 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.36 -0.28 0.00	23.70 -0.22 0.00	24.60 -0.02 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	26.97 0.05 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.76 0.10 0.00
S SALMON____HYD 24043	19.12 -0.21 -0.28	15.98 -0.21 -0.33	15.74 -0.25 -0.18	15.66 -0.27 -0.13	15.66 -0.27 -0.14	15.59 -0.30 -0.09	15.64 -0.33 -0.18	15.74 -0.32 -0.21	17.92 -0.33 -0.11	21.19 -0.21 0.00	21.82 -0.24 0.00	22.68 -0.27 0.00	23.32 -0.33 0.00	23.34 -0.31 0.00	23.55 -0.36 0.00	24.21 -0.42 0.00	25.60 -0.49 -0.25	26.22 -0.47 -0.44	26.44 -0.40 -0.40	26.37 -0.32 -0.31	26.71 -0.29 -0.18	25.75 -0.23 -0.11	24.81 -0.17 0.00	24.57 -0.10 0.00
S.PERRY__115KV_TB1 80734	19.77 0.00 -0.72	16.60 -0.10 -0.84	16.03 -0.24 -0.45	16.34 0.22 -0.33	16.39 0.25 -0.35	16.25 0.22 -0.22	16.37 0.11 -0.47	16.09 -0.29 -0.54	18.04 -0.36 -0.27	20.83 -0.58 0.00	21.44 -0.62 0.00	22.36 -0.60 0.00	22.96 -0.69 0.00	22.89 -0.76 0.00	23.19 -0.72 0.00	24.16 -0.47 0.00	26.09 -0.39 -0.64	27.17 -0.18 -1.10	27.55 0.11 -1.01	27.53 0.37 -0.79	27.89 0.62 -0.44	26.83 0.67 -0.28	25.56 0.57 0.00	25.40 0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.65 -1.05 -0.65	15.71 -0.90 -0.76	15.15 -1.08 -0.41	15.74 -0.35 -0.30	15.78 -0.33 -0.31	15.63 -0.38 -0.20	15.67 -0.54 -0.42	15.30 -1.03 -0.48	17.25 -1.12 -0.24	20.19 -1.22 0.00	20.98 -1.08 0.00	21.99 -0.96 0.00	22.61 -1.04 0.00	22.47 -1.18 0.00	22.81 -1.10 0.00	23.86 -0.76 0.00	25.46 -0.96 -0.58	26.25 -1.00 -0.99	26.31 -1.03 -0.91	26.14 -0.95 -0.72	26.32 -0.91 -0.40	25.20 -0.93 -0.26	24.26 -0.72 0.00	24.22 -0.44 0.00
SAWYER____23_KV_LOAD 55526	18.65 -1.05 -0.65	15.71 -0.90 -0.76	15.15 -1.08 -0.41	15.74 -0.35 -0.30	15.78 -0.33 -0.31	15.63 -0.38 -0.20	15.67 -0.54 -0.42	15.30 -1.03 -0.48	17.25 -1.12 -0.24	20.19 -1.22 0.00	20.98 -1.08 0.00	21.99 -0.96 0.00	22.61 -1.04 0.00	22.47 -1.18 0.00	22.81 -1.10 0.00	23.86 -0.76 0.00	25.46 -0.96 -0.58	26.25 -1.00 -0.99	26.31 -1.03 -0.91	26.14 -0.95 -0.72	26.32 -0.91 -0.40	25.20 -0.93 -0.26	24.26 -0.72 0.00	24.22 -0.44 0.00

SELKIRK___I 23801	25.52 0.76 -5.71	23.17 0.64 -6.68	20.03 0.62 -3.60	19.02 0.62 -2.61	19.14 0.60 -2.75	18.18 0.60 -1.78	20.10 0.60 -3.71	20.69 0.59 -4.26	20.92 0.63 -2.16	22.10 0.68 -0.01	22.74 0.68 0.00	23.71 0.76 0.00	24.45 0.80 0.00	24.45 0.80 0.00	24.80 0.89 0.00	25.54 0.91 0.00	31.81 0.93 -5.04	35.95 0.94 -8.75	35.45 0.98 -8.03	33.71 1.03 -6.31	31.40 1.05 -3.52	29.20 1.06 -2.27	26.05 1.07 0.00	25.72 1.06 0.00
SELKIRK___II 23799	25.52 0.68 -5.78	23.19 0.57 -6.76	20.01 0.55 -3.65	18.99 0.55 -2.64	19.13 0.55 -2.78	18.14 0.54 -1.80	20.08 0.54 -3.76	20.70 0.54 -4.32	20.94 0.62 -2.18	22.08 0.66 -0.01	22.74 0.68 0.00	23.71 0.76 0.00	24.45 0.80 0.00	24.43 0.78 0.00	24.80 0.89 0.00	25.54 0.91 0.00	31.83 0.90 -5.09	36.04 0.92 -8.87	35.50 0.92 -8.14	33.72 0.95 -6.40	31.36 0.96 -3.57	29.13 0.96 -2.30	25.95 0.97 0.00	25.60 0.94 0.00
SENECA OSWGO___HYD 24041	19.18 -0.19 -0.32	16.06 -0.17 -0.37	15.79 -0.22 -0.20	15.70 -0.24 -0.15	15.71 -0.24 -0.15	15.67 -0.24 -0.10	15.74 -0.25 -0.21	15.88 -0.21 -0.24	18.06 -0.20 -0.12	21.30 -0.11 0.00	21.93 -0.13 0.00	22.79 -0.16 0.00	23.46 -0.19 0.00	23.46 -0.19 0.00	23.70 -0.22 0.00	24.33 -0.29 0.00	25.82 -0.31 -0.29	26.43 -0.31 -0.49	26.59 -0.29 -0.45	26.44 -0.29 -0.35	26.73 -0.29 -0.20	25.77 -0.23 -0.13	24.78 -0.20 0.00	24.57 -0.10 0.00
SENECA___115KV_TB3 355854	18.74 -0.99 -0.68	15.78 -0.87 -0.79	15.20 -1.04 -0.43	15.76 -0.35 -0.31	15.79 -0.33 -0.33	15.62 -0.40 -0.21	15.69 -0.54 -0.44	15.37 -0.98 -0.51	17.30 -1.09 -0.26	20.40 -1.01 0.00	21.20 -0.86 0.00	22.22 -0.73 0.00	22.84 -0.80 0.00	22.70 -0.95 0.00	23.08 -0.84 0.00	24.16 -0.47 0.00	25.62 -0.83 -0.61	26.43 -0.87 -1.04	26.52 -0.87 -0.96	26.31 -0.82 -0.75	26.47 -0.78 -0.42	25.37 -0.78 -0.27	24.53 -0.45 0.00	24.49 -0.17 0.00
SENECA___ENERGY 23797	19.38 -0.19 -0.52	16.25 -0.22 -0.61	15.84 -0.30 -0.33	15.69 -0.35 -0.24	15.72 -0.33 -0.25	15.63 -0.33 -0.16	15.81 -0.32 -0.34	15.98 -0.25 -0.39	18.10 -0.24 -0.20	21.32 -0.09 0.00	21.95 -0.11 0.00	22.82 -0.14 0.00	23.46 -0.19 0.00	23.46 -0.19 0.00	23.75 -0.17 0.00	24.53 -0.10 0.00	26.21 -0.10 -0.47	26.98 -0.08 -0.80	27.14 -0.03 -0.74	26.92 -0.03 -0.58	27.13 -0.03 -0.32	26.11 0.03 -0.21	24.98 0.00 0.00	24.66 0.00 0.00
SHOEMAKER___GT 23640	23.93 0.86 -4.02	21.25 0.68 -4.71	19.01 0.66 -2.54	18.28 0.65 -1.84	18.39 0.66 -1.94	17.74 0.68 -1.25	19.05 0.65 -2.61	19.54 0.70 -3.00	20.54 0.89 -1.52	22.46 1.05 -0.01	23.14 1.08 0.00	24.12 1.17 0.00	24.88 1.23 0.00	24.90 1.25 0.00	25.35 1.43 0.00	26.23 1.60 0.00	31.29 1.73 -3.72	34.22 1.79 -6.18	33.90 1.80 -5.67	32.53 1.71 -4.45	31.00 1.69 -2.48	29.05 1.58 -1.60	26.45 1.47 0.00	25.90 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	23.89 0.86 -3.98	21.22 0.70 -4.66	19.01 0.68 -2.52	18.33 0.71 -1.82	18.44 0.73 -1.92	17.79 0.74 -1.24	19.07 0.69 -2.59	19.53 0.71 -2.98	20.53 0.89 -1.51	22.55 1.13 -0.01	23.18 1.13 0.00	24.15 1.19 0.00	24.90 1.25 0.00	24.97 1.32 0.00	25.35 1.43 0.00	26.25 1.63 0.00	31.27 1.76 -3.68	34.18 1.81 -6.12	33.84 1.80 -5.61	32.50 1.71 -4.41	30.98 1.69 -2.46	29.06 1.60 -1.58	26.46 1.47 0.00	25.92 1.26 0.00
SHOREHAM_IC_1 23715	34.90 1.69 -14.16	32.72 1.38 -15.48	28.08 1.49 -10.79	24.30 1.45 -7.06	24.75 1.48 -7.47	24.52 1.49 -7.23	24.88 1.48 -7.61	27.66 1.60 -10.21	29.92 1.80 -9.99	32.09 1.99 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.32 3.18 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.80 2.95 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.49 2.22 -6.61
SHOREHAM_IC_2 23716	34.90 1.69 -14.16	32.72 1.38 -15.48	28.08 1.49 -10.79	24.30 1.45 -7.06	24.75 1.48 -7.47	24.52 1.49 -7.23	24.88 1.48 -7.61	27.66 1.60 -10.21	29.92 1.80 -9.99	32.09 1.99 -8.69	32.62 2.14 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.30 2.65 -12.73	46.43 2.95 -18.85	44.32 3.18 -15.30	51.76 3.23 -22.27	41.97 3.25 -12.29	40.97 3.08 -11.52	41.80 2.95 -12.02	37.23 2.74 -8.62	35.25 2.52 -7.75	33.49 2.22 -6.61
SISSONVILLE____ 23735	18.21 -0.84 0.00	15.19 -0.67 0.00	15.18 -0.63 0.00	14.97 -0.82 0.00	14.96 -0.84 0.00	15.00 -0.81 0.00	15.05 -0.74 0.00	15.18 -0.67 0.00	17.28 -0.85 0.00	20.21 -1.20 0.00	20.85 -1.21 0.00	21.60 -1.35 0.00	22.23 -1.42 0.00	22.28 -1.37 0.00	22.50 -1.41 0.00	22.73 -1.90 0.00	23.88 -1.96 0.00	24.26 -2.00 0.00	24.45 -1.98 0.00	24.53 -1.85 0.00	25.00 -1.82 0.00	24.06 -1.81 0.00	23.16 -1.82 0.00	22.84 -1.83 0.00
SITHE_IND_GS1 24169	18.90 -0.40 -0.25	15.81 -0.35 -0.30	15.59 -0.38 -0.16	15.52 -0.39 -0.12	15.52 -0.39 -0.12	15.49 -0.39 -0.08	15.56 -0.39 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.10	21.02 -0.38 0.00	21.64 -0.42 0.00	22.47 -0.48 0.00	23.15 -0.50 0.00	23.15 -0.50 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.37 -0.70 -0.23	25.93 -0.71 -0.39	26.08 -0.71 -0.36	25.94 -0.71 -0.28	26.26 -0.72 -0.16	25.30 -0.67 -0.10	24.38 -0.60 0.00	24.22 -0.44 0.00
SITHE_IND_GS2 24170	18.90 -0.40 -0.25	15.81 -0.35 -0.30	15.59 -0.38 -0.16	15.52 -0.39 -0.12	15.52 -0.39 -0.12	15.49 -0.39 -0.08	15.56 -0.39 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.10	21.02 -0.38 0.00	21.64 -0.42 0.00	22.47 -0.48 0.00	23.15 -0.50 0.00	23.15 -0.50 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.37 -0.70 -0.23	25.93 -0.71 -0.39	26.08 -0.71 -0.36	25.94 -0.71 -0.28	26.26 -0.72 -0.16	25.30 -0.67 -0.10	24.38 -0.60 0.00	24.22 -0.44 0.00
SITHE_IND_GS3 24171	18.90 -0.40 -0.25	15.81 -0.35 -0.30	15.59 -0.38 -0.16	15.52 -0.39 -0.12	15.52 -0.39 -0.12	15.49 -0.39 -0.08	15.56 -0.39 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.10	21.02 -0.38 0.00	21.64 -0.42 0.00	22.47 -0.48 0.00	23.15 -0.50 0.00	23.15 -0.50 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.37 -0.70 -0.23	25.93 -0.71 -0.39	26.08 -0.71 -0.36	25.94 -0.71 -0.28	26.26 -0.72 -0.16	25.30 -0.67 -0.10	24.38 -0.60 0.00	24.22 -0.44 0.00
SITHE_IND_GS4 24172	18.90 -0.40 -0.25	15.81 -0.35 -0.30	15.59 -0.38 -0.16	15.52 -0.39 -0.12	15.52 -0.39 -0.12	15.49 -0.39 -0.08	15.56 -0.39 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.10	21.02 -0.38 0.00	21.64 -0.42 0.00	22.47 -0.48 0.00	23.15 -0.50 0.00	23.15 -0.50 0.00	23.36 -0.55 0.00	23.99 -0.64 0.00	25.37 -0.70 -0.23	25.93 -0.71 -0.39	26.08 -0.71 -0.36	25.94 -0.71 -0.28	26.26 -0.72 -0.16	25.30 -0.67 -0.10	24.38 -0.60 0.00	24.22 -0.44 0.00
SITHE___BATAVIA 24024	19.18 -0.44 -0.57	16.07 -0.46 -0.67	15.57 -0.60 -0.36	15.35 -0.71 -0.26	15.38 -0.69 -0.27	15.27 -0.71 -0.18	15.50 -0.66 -0.37	15.67 -0.60 -0.43	17.75 -0.60 -0.22	21.17 -0.24 0.00	21.71 -0.35 0.00	22.52 -0.44 0.00	23.13 -0.52 0.00	23.08 -0.57 0.00	23.46 -0.46 0.00	24.46 -0.17 0.00	26.12 -0.23 -0.51	26.92 -0.21 -0.88	27.11 -0.13 -0.80	26.93 -0.08 -0.63	27.24 0.05 -0.35	26.10 0.00 -0.23	24.91 -0.07 0.00	24.47 -0.20 0.00

SITHE___INDEPEND 23800	18.90 -0.40 -0.25	15.81 -0.35 -0.30	15.59 -0.38 -0.16	15.63 -0.28 -0.12	15.63 -0.28 -0.12	15.60 -0.28 -0.08	15.64 -0.32 -0.16	15.65 -0.38 -0.19	17.83 -0.40 -0.10	20.96 -0.45 0.00	21.62 -0.44 0.00	22.47 -0.48 0.00	23.15 -0.50 0.00	23.08 -0.57 0.00	23.29 -0.62 0.00	23.99 -0.64 0.00	25.37 -0.70 -0.23	25.93 -0.71 -0.39	26.07 -0.71 -0.36	25.94 -0.71 -0.28	26.26 -0.72 -0.16	25.30 -0.67 -0.10	24.38 -0.60 0.00	24.24 -0.42 0.00
SITHE___MASSENA 23902	18.57 -0.48 0.00	15.50 -0.36 0.00	15.48 -0.33 0.00	15.48 -0.32 0.00	15.50 -0.30 0.00	15.50 -0.30 0.00	15.52 -0.27 0.00	15.51 -0.33 0.00	17.65 -0.49 0.00	20.66 -0.75 0.00	21.29 -0.77 0.00	22.10 -0.85 0.00	22.75 -0.90 0.00	22.77 -0.87 0.00	22.67 -1.24 0.00	23.32 -1.31 0.00	24.49 -1.34 0.00	24.89 -1.37 0.00	25.06 -1.38 0.00	25.08 -1.29 0.00	25.57 -1.26 0.00	24.61 -1.27 0.00	23.68 -1.30 0.00	23.43 -1.23 0.00
SITHE___OGDNSBRG 24021	18.59 -0.46 0.00	15.51 -0.35 0.00	15.51 -0.30 0.00	15.29 -0.51 0.00	15.29 -0.51 0.00	15.31 -0.49 0.00	15.36 -0.43 0.00	15.50 -0.35 0.00	17.61 -0.53 0.00	20.59 -0.81 0.00	21.22 -0.84 0.00	21.99 -0.96 0.00	22.63 -1.02 0.00	22.65 -0.99 0.00	22.93 -0.98 0.00	23.20 -1.43 0.00	24.34 -1.50 0.00	24.76 -1.50 0.00	24.98 -1.45 0.00	25.11 -1.27 0.00	25.62 -1.21 0.00	24.60 -1.27 0.00	23.71 -1.27 0.00	23.38 -1.28 0.00
SITHE___STERLING 23777	19.78 0.49 -0.24	16.54 0.40 -0.28	16.31 0.35 -0.15	16.22 0.32 -0.11	16.23 0.32 -0.12	16.19 0.32 -0.07	16.26 0.32 -0.16	16.34 0.32 -0.18	18.62 0.40 -0.09	21.99 0.58 0.00	22.66 0.60 0.00	23.59 0.64 0.00	24.29 0.64 0.00	24.36 0.71 0.00	24.68 0.76 0.00	25.39 0.76 0.00	26.80 0.75 -0.21	27.41 0.79 -0.37	27.62 0.85 -0.34	27.53 0.90 -0.27	27.89 0.91 -0.15	26.82 0.85 -0.10	25.88 0.90 0.00	25.53 0.86 0.00
SLEIGHT___34_KV_TB1 80719	19.23 -0.30 -0.48	16.11 -0.32 -0.57	15.72 -0.40 -0.31	15.92 -0.09 -0.22	15.95 -0.08 -0.23	15.87 -0.08 -0.15	15.95 -0.16 -0.31	15.84 -0.36 -0.36	18.01 -0.31 -0.18	21.09 -0.32 0.00	21.82 -0.24 0.00	22.75 -0.21 0.00	23.36 -0.28 0.00	23.32 -0.33 0.00	23.60 -0.31 0.00	24.45 -0.17 0.00	26.14 -0.13 -0.43	26.86 -0.13 -0.74	27.01 -0.11 -0.68	26.78 -0.13 -0.54	27.05 -0.08 -0.30	26.01 -0.05 -0.19	24.81 -0.17 0.00	24.61 -0.05 0.00
SOUTH CAIRO___GT 23612	25.69 1.18 -5.46	23.19 0.94 -6.39	20.15 0.89 -3.45	19.22 0.93 -2.49	19.34 0.92 -2.63	18.44 0.93 -1.70	20.24 0.90 -3.55	20.65 0.73 -4.08	21.01 0.82 -2.06	22.40 0.98 -0.01	23.01 0.95 0.00	23.89 0.94 0.00	24.62 0.97 0.00	24.66 1.02 0.00	25.01 1.10 0.00	25.78 1.16 0.00	31.69 1.01 -4.84	35.81 1.18 -8.38	35.44 1.32 -7.69	33.89 1.48 -6.04	31.73 1.53 -3.37	29.59 1.55 -2.17	26.68 1.70 0.00	26.17 1.50 0.00
SOUTH HAMPTN___IC 23720	35.19 1.98 -14.16	32.97 1.63 -15.48	28.31 1.71 -10.79	24.53 1.67 -7.06	24.97 1.71 -7.47	24.74 1.71 -7.23	25.08 1.69 -7.61	27.88 1.82 -10.21	30.22 2.10 -9.99	32.50 2.40 -8.69	33.08 2.60 -8.42	34.33 2.80 -8.58	37.67 2.96 -11.07	37.85 3.00 -11.20	39.85 3.21 -12.73	47.00 3.52 -18.85	44.91 3.77 -15.30	52.33 3.81 -22.27	42.50 3.78 -12.29	41.47 3.59 -11.52	42.23 3.38 -12.02	37.64 3.16 -8.62	35.62 2.90 -7.75	33.81 2.54 -6.61
SOUTHDOW___115KV_TB1 355954	18.72 -1.07 -0.73	15.75 -0.97 -0.86	15.09 -1.19 -0.46	15.52 -0.62 -0.34	15.52 -0.63 -0.35	15.34 -0.70 -0.23	15.46 -0.81 -0.48	15.27 -1.12 -0.55	17.18 -1.23 -0.28	20.47 -0.94 0.00	21.24 -0.82 0.00	22.31 -0.64 0.00	22.94 -0.71 0.00	22.82 -0.83 0.00	23.22 -0.69 0.00	24.40 -0.22 0.00	25.77 -0.72 -0.66	26.70 -0.68 -1.13	26.81 -0.66 -1.03	26.63 -0.55 -0.81	26.83 -0.46 -0.45	25.62 -0.54 -0.29	24.96 -0.02 0.00	24.81 0.15 0.00
SOUTHOLD_69_KV_BK 2 55809	35.53 2.32 -14.16	33.24 1.90 -15.48	28.56 1.96 -10.79	24.87 2.02 -7.06	25.34 2.07 -7.47	25.11 2.07 -7.23	25.46 2.07 -7.61	28.13 2.08 -10.21	30.59 2.47 -9.99	33.01 2.91 -8.69	33.54 3.07 -8.42	34.82 3.28 -8.58	38.17 3.45 -11.07	38.39 3.55 -11.20	40.35 3.71 -12.73	47.56 4.09 -18.85	45.43 4.32 -15.28	52.82 4.33 -22.23	42.94 4.26 -12.25	41.87 3.98 -11.52	42.55 3.70 -12.02	37.90 3.42 -8.62	35.85 3.12 -7.75	34.04 2.76 -6.61
SOUTHOLD___IC 23719	35.49 2.29 -14.16	33.23 1.89 -15.48	28.56 1.96 -10.79	24.76 1.91 -7.06	25.22 1.96 -7.47	24.99 1.96 -7.23	25.34 1.94 -7.61	28.13 2.08 -10.21	30.53 2.41 -9.99	32.88 2.78 -8.69	33.52 3.05 -8.42	34.82 3.28 -8.58	38.17 3.45 -11.07	38.34 3.50 -11.20	40.37 3.73 -12.73	47.56 4.09 -18.85	45.45 4.32 -15.30	52.86 4.33 -22.27	42.98 4.26 -12.29	41.87 3.98 -11.52	42.56 3.70 -12.02	37.93 3.44 -8.62	35.85 3.12 -7.75	33.99 2.71 -6.61
SOUTH_FORK_WT_PWR 323839	35.51 2.30 -14.16	33.24 1.90 -15.48	28.57 1.98 -10.79	24.79 1.94 -7.06	25.24 1.97 -7.47	25.03 1.99 -7.23	25.35 1.96 -7.61	28.15 2.09 -10.21	30.52 2.39 -9.99	32.88 2.78 -8.69	33.52 3.05 -8.42	34.82 3.28 -8.58	38.15 3.43 -11.07	38.30 3.45 -11.20	40.32 3.68 -12.73	47.49 4.02 -18.85	45.35 4.21 -15.30	52.73 4.20 -22.27	42.82 4.10 -12.29	41.66 3.77 -11.52	42.31 3.46 -12.02	37.67 3.18 -8.62	35.60 2.87 -7.75	33.74 2.47 -6.61
SPIERFLS_115KV_TB 1 80737	26.34 1.26 -6.03	23.93 1.02 -7.06	20.60 0.98 -3.81	19.56 1.01 -2.75	19.71 1.01 -2.90	18.73 1.04 -1.88	20.70 0.99 -3.92	21.31 0.97 -4.50	21.63 1.21 -2.28	22.91 1.50 -0.01	23.47 1.41 0.00	24.49 1.54 0.00	25.04 1.40 0.00	25.09 1.44 0.00	25.47 1.55 0.00	26.30 1.67 0.00	32.79 1.68 -5.27	37.21 1.71 -9.25	36.93 2.01 -8.49	35.15 2.11 -6.67	32.86 2.31 -3.72	30.57 2.30 -2.39	27.13 2.15 0.00	26.64 1.97 0.00
ST LAWRENCE____ 23600	18.54 -0.51 0.00	15.45 -0.41 0.00	15.45 -0.36 0.00	15.45 -0.35 0.00	15.45 -0.35 0.00	15.46 -0.35 0.00	15.44 -0.35 0.00	15.45 -0.40 0.00	17.61 -0.53 0.00	20.66 -0.75 0.00	21.31 -0.75 0.00	22.13 -0.83 0.00	22.80 -0.85 0.00	22.80 -0.85 0.00	22.91 -1.00 0.00	23.57 -1.06 0.00	24.76 -1.08 0.00	25.15 -1.10 0.00	25.32 -1.11 0.00	25.29 -1.08 0.00	25.76 -1.07 0.00	24.81 -1.06 0.00	23.91 -1.07 0.00	23.65 -1.01 0.00
STATE_CA_115KV_115_LB 55624	25.74 0.82 -5.87	23.43 0.70 -6.87	20.19 0.66 -3.71	19.19 0.71 -2.68	19.32 0.70 -2.83	18.33 0.70 -1.83	20.29 0.68 -3.82	20.88 0.65 -4.39	21.06 0.71 -2.22	22.19 0.77 -0.01	22.85 0.79 0.00	23.82 0.87 0.00	24.57 0.92 0.00	24.62 0.97 0.00	24.92 1.00 0.00	25.69 1.06 0.00	31.99 1.01 -5.14	36.27 1.00 -9.01	35.71 1.00 -8.27	33.90 1.03 -6.50	31.50 1.05 -3.63	29.29 1.09 -2.33	26.08 1.10 0.00	25.60 0.94 0.00
STATE_ST_34_KV_LOAD 55959	19.63 0.06 -0.52	16.46 -0.02 -0.61	16.06 -0.08 -0.33	16.11 0.08 -0.24	16.14 0.09 -0.25	16.06 0.09 -0.16	16.18 0.05 -0.34	16.20 -0.03 -0.39	18.37 0.04 -0.20	21.51 0.11 0.00	22.21 0.15 0.00	23.16 0.21 0.00	23.81 0.17 0.00	23.79 0.14 0.00	24.03 0.12 0.00	24.82 0.20 0.00	26.51 0.21 -0.47	27.29 0.24 -0.80	27.43 0.26 -0.74	27.21 0.26 -0.58	27.42 0.27 -0.32	26.39 0.31 -0.21	25.26 0.27 0.00	25.03 0.37 0.00

STATION 5_MISC_HYD 23604	19.24 -0.31 -0.49	16.10 -0.33 -0.58	15.70 -0.43 -0.31	15.52 -0.51 -0.23	15.53 -0.51 -0.24	15.45 -0.51 -0.15	15.64 -0.47 -0.32	15.80 -0.41 -0.37	17.96 -0.36 -0.19	21.24 -0.17 0.00	21.84 -0.22 0.00	22.65 -0.30 0.00	23.29 -0.35 0.00	23.27 -0.38 0.00	23.60 -0.31 0.00	24.46 -0.17 0.00	26.18 -0.10 -0.44	26.91 -0.10 -0.76	27.02 -0.11 -0.70	26.84 -0.08 -0.55	27.11 -0.03 -0.31	26.04 -0.03 -0.20	24.81 -0.17 0.00	24.42 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.39 -0.15 -0.49	16.25 -0.19 -0.58	15.84 -0.28 -0.31	16.07 0.05 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.09 -0.02 -0.32	15.96 -0.25 -0.37	18.16 -0.16 -0.19	21.26 -0.15 0.00	22.02 -0.04 0.00	22.95 0.00 0.00	23.58 -0.07 0.00	23.53 -0.12 0.00	23.82 -0.10 0.00	24.70 0.07 0.00	26.41 0.13 -0.44	27.14 0.13 -0.76	27.31 0.19 -0.69	27.05 0.13 -0.55	27.35 0.21 -0.30	26.28 0.21 -0.20	25.06 0.07 0.00	24.86 0.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.14 -0.40 -0.49	16.05 -0.38 -0.57	15.65 -0.47 -0.31	15.94 -0.08 -0.22	15.95 -0.08 -0.24	15.86 -0.09 -0.15	15.93 -0.17 -0.32	15.75 -0.46 -0.37	17.90 -0.42 -0.19	20.92 -0.49 0.00	21.66 -0.40 0.00	22.61 -0.34 0.00	23.22 -0.43 0.00	23.17 -0.47 0.00	23.48 -0.43 0.00	24.38 -0.25 0.00	26.10 -0.18 -0.44	26.82 -0.18 -0.75	26.94 -0.19 -0.69	26.73 -0.18 -0.54	27.00 -0.13 -0.30	25.94 -0.13 -0.19	24.71 -0.27 0.00	24.52 -0.15 0.00
STA_56____34_KV_BUS2 355983	19.14 -0.40 -0.49	16.05 -0.38 -0.57	15.65 -0.47 -0.31	15.94 -0.08 -0.22	15.95 -0.08 -0.24	15.86 -0.09 -0.15	15.93 -0.17 -0.32	15.75 -0.46 -0.37	17.90 -0.42 -0.19	20.92 -0.49 0.00	21.66 -0.40 0.00	22.61 -0.34 0.00	23.22 -0.43 0.00	23.17 -0.47 0.00	23.48 -0.43 0.00	24.38 -0.25 0.00	26.10 -0.18 -0.44	26.82 -0.18 -0.75	26.94 -0.19 -0.69	26.73 -0.18 -0.54	27.00 -0.13 -0.30	25.94 -0.13 -0.19	24.71 -0.27 0.00	24.52 -0.15 0.00
STA_67____115KV_BK2 355882	19.18 -0.36 -0.49	16.07 -0.36 -0.58	15.67 -0.46 -0.31	15.99 -0.03 -0.23	16.02 -0.02 -0.24	15.91 -0.05 -0.15	15.98 -0.13 -0.32	15.77 -0.44 -0.37	17.92 -0.40 -0.19	20.89 -0.51 0.00	21.66 -0.40 0.00	22.61 -0.34 0.00	23.22 -0.43 0.00	23.17 -0.47 0.00	23.48 -0.43 0.00	24.38 -0.25 0.00	26.10 -0.18 -0.44	26.83 -0.18 -0.76	26.97 -0.16 -0.70	26.76 -0.16 -0.55	27.05 -0.08 -0.31	25.97 -0.10 -0.20	24.73 -0.25 0.00	24.56 -0.10 0.00
STA_7____115KV_9TRANS 80674	19.30 -0.25 -0.49	16.17 -0.27 -0.58	15.76 -0.36 -0.31	16.08 0.06 -0.23	16.10 0.06 -0.24	16.00 0.05 -0.15	16.06 -0.05 -0.32	15.85 -0.36 -0.37	18.03 -0.29 -0.19	21.07 -0.34 0.00	21.84 -0.22 0.00	22.79 -0.16 0.00	23.43 -0.21 0.00	23.36 -0.28 0.00	23.70 -0.22 0.00	24.60 -0.02 0.00	26.33 0.05 -0.44	27.07 0.05 -0.76	27.21 0.08 -0.70	26.97 0.05 -0.55	27.30 0.16 -0.31	26.20 0.13 -0.20	24.93 -0.05 0.00	24.76 0.10 0.00
STA_82____115KV_TB1 80780	19.19 -0.36 -0.50	16.09 -0.35 -0.58	15.67 -0.46 -0.31	16.01 -0.02 -0.23	16.02 -0.02 -0.24	15.93 -0.03 -0.16	15.99 -0.13 -0.32	15.77 -0.44 -0.37	17.92 -0.40 -0.19	20.92 -0.49 0.00	21.68 -0.38 0.00	22.61 -0.34 0.00	23.25 -0.40 0.00	23.17 -0.47 0.00	23.48 -0.43 0.00	24.38 -0.25 0.00	26.13 -0.16 -0.45	26.86 -0.16 -0.76	26.97 -0.16 -0.70	26.76 -0.16 -0.55	27.06 -0.08 -0.31	25.99 -0.08 -0.20	24.76 -0.22 0.00	24.59 -0.07 0.00
STEEL____WIND 323596	18.76 -0.97 -0.68	15.77 -0.89 -0.79	15.20 -1.04 -0.43	14.97 -1.14 -0.31	14.98 -1.14 -0.33	14.85 -1.17 -0.21	15.12 -1.11 -0.44	15.35 -1.00 -0.51	17.28 -1.11 -0.26	20.81 -0.60 0.00	21.33 -0.73 0.00	22.20 -0.76 0.00	22.82 -0.83 0.00	22.73 -0.92 0.00	23.10 -0.81 0.00	24.13 -0.49 0.00	25.60 -0.85 -0.61	26.40 -0.89 -1.04	26.49 -0.90 -0.96	26.31 -0.82 -0.75	26.44 -0.80 -0.42	25.34 -0.80 -0.27	24.51 -0.48 0.00	24.10 -0.57 0.00
STEPHTWN_115KV_BK_2 55603	25.77 0.91 -5.81	23.40 0.75 -6.79	20.21 0.73 -3.67	19.22 0.77 -2.65	19.35 0.76 -2.79	18.39 0.77 -1.81	20.32 0.76 -3.77	20.89 0.71 -4.34	21.11 0.78 -2.19	22.29 0.88 -0.01	22.99 0.93 0.00	23.94 0.99 0.00	24.69 1.04 0.00	24.74 1.09 0.00	25.06 1.15 0.00	25.83 1.21 0.00	32.06 1.14 -5.08	36.32 1.16 -8.91	35.77 1.16 -8.18	33.98 1.19 -6.42	31.62 1.21 -3.58	29.42 1.24 -2.31	26.23 1.25 0.00	25.75 1.09 0.00
STEUBEN_REC_LFGE 323667	19.26 -0.72 -0.94	16.28 -0.68 -1.10	15.58 -0.82 -0.59	15.85 -0.38 -0.43	15.90 -0.35 -0.45	15.72 -0.38 -0.29	15.94 -0.46 -0.61	15.80 -0.74 -0.70	17.64 -0.85 -0.35	20.59 -0.81 0.00	21.31 -0.75 0.00	22.19 -0.76 0.00	22.82 -0.83 0.00	22.82 -0.83 0.00	23.12 -0.79 0.00	24.18 -0.44 0.00	26.03 -0.65 -0.84	27.06 -0.63 -1.44	27.20 -0.56 -1.32	26.80 -0.61 -1.04	26.76 -0.64 -0.58	25.86 -0.39 -0.37	24.86 -0.12 0.00	24.93 0.27 0.00
STILLWATER____SOLAR 323814	26.11 1.07 -6.00	23.75 0.87 -7.02	20.44 0.84 -3.79	19.36 0.82 -2.74	19.50 0.82 -2.89	18.51 0.84 -1.87	20.51 0.82 -3.90	21.15 0.82 -4.48	21.42 1.01 -2.27	22.64 1.22 -0.01	23.29 1.23 0.00	24.28 1.33 0.00	24.97 1.32 0.00	24.97 1.32 0.00	25.37 1.46 0.00	26.15 1.53 0.00	32.65 1.58 -5.23	37.06 1.60 -9.20	36.60 1.72 -8.45	34.80 1.79 -6.64	32.41 1.88 -3.70	30.12 1.86 -2.38	26.76 1.77 0.00	26.29 1.63 0.00
STONY____BROOK 24151	34.96 1.75 -14.16	32.77 1.43 -15.48	28.07 1.47 -10.79	24.29 1.44 -7.06	24.72 1.45 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.64 1.58 -10.21	29.99 1.87 -9.99	32.24 2.14 -8.69	32.73 2.25 -8.42	33.92 2.39 -8.58	37.20 2.48 -11.07	37.38 2.53 -11.20	39.30 2.65 -12.73	46.36 2.88 -18.85	44.24 3.10 -15.30	51.68 3.15 -22.27	41.95 3.22 -12.29	41.02 3.14 -11.52	41.88 3.03 -12.02	37.34 2.85 -8.62	35.37 2.65 -7.75	33.64 2.37 -6.61
STURGEON_POOL_HYD 23609	24.66 0.90 -4.71	22.09 0.71 -5.51	19.48 0.70 -2.97	18.66 0.71 -2.15	18.81 0.74 -2.27	18.01 0.74 -1.47	19.56 0.71 -3.06	20.11 0.74 -3.52	20.89 0.98 -1.78	22.78 1.37 -0.01	23.41 1.35 0.00	24.33 1.38 0.00	25.14 1.49 0.00	25.16 1.51 0.00	25.59 1.67 0.00	26.55 1.92 0.00	32.13 2.02 -4.28	35.56 2.07 -7.23	35.13 2.06 -6.63	33.51 1.93 -5.21	31.59 1.85 -2.91	29.48 1.73 -1.87	26.70 1.72 0.00	26.14 1.48 0.00
ST_LAW_115_BK7_LBMP 345037	18.50 -0.55 0.00	15.42 -0.44 0.00	15.42 -0.39 0.00	15.43 -0.36 0.00	15.43 -0.36 0.00	15.42 -0.38 0.00	15.43 -0.36 0.00	15.43 -0.41 0.00	17.55 -0.58 0.00	20.59 -0.81 0.00	21.24 -0.82 0.00	22.06 -0.90 0.00	22.73 -0.92 0.00	22.73 -0.92 0.00	22.81 -1.10 0.00	23.47 -1.16 0.00	24.65 -1.19 0.00	25.05 -1.21 0.00	25.22 -1.22 0.00	25.19 -1.19 0.00	25.68 -1.15 0.00	24.71 -1.16 0.00	23.81 -1.17 0.00	23.55 -1.11 0.00
ST_LAW_115_BK8_LBMP 345038	18.50 -0.55 0.00	15.42 -0.44 0.00	15.42 -0.39 0.00	15.43 -0.36 0.00	15.43 -0.36 0.00	15.42 -0.38 0.00	15.43 -0.36 0.00	15.43 -0.41 0.00	17.55 -0.58 0.00	20.59 -0.81 0.00	21.24 -0.82 0.00	22.06 -0.90 0.00	22.73 -0.92 0.00	22.73 -0.92 0.00	22.81 -1.10 0.00	23.47 -1.16 0.00	24.65 -1.19 0.00	25.05 -1.21 0.00	25.22 -1.22 0.00	25.19 -1.19 0.00	25.68 -1.15 0.00	24.71 -1.16 0.00	23.81 -1.17 0.00	23.55 -1.11 0.00

ST_LAW_230_BK5_LBMP 345035	18.54 -0.51 0.00	15.45 -0.41 0.00	15.45 -0.36 0.00	15.45 -0.35 0.00	15.45 -0.35 0.00	15.46 -0.35 0.00	15.44 -0.35 0.00	15.45 -0.40 0.00	17.61 -0.53 0.00	20.66 -0.75 0.00	21.31 -0.75 0.00	22.13 -0.83 0.00	22.80 -0.85 0.00	22.80 -0.85 0.00	22.91 -1.00 0.00	23.57 -1.06 0.00	24.76 -1.08 0.00	25.15 -1.10 0.00	25.32 -1.11 0.00	25.29 -1.08 0.00	25.76 -1.07 0.00	24.81 -1.06 0.00	23.91 -1.07 0.00	23.65 -1.01 0.00
ST_LAW_230_BK6_LBMP 345036	18.54 -0.51 0.00	15.45 -0.41 0.00	15.45 -0.36 0.00	15.45 -0.35 0.00	15.45 -0.35 0.00	15.46 -0.35 0.00	15.44 -0.35 0.00	15.45 -0.40 0.00	17.61 -0.53 0.00	20.66 -0.75 0.00	21.31 -0.75 0.00	22.13 -0.83 0.00	22.80 -0.85 0.00	22.80 -0.85 0.00	22.91 -1.00 0.00	23.57 -1.06 0.00	24.76 -1.08 0.00	25.15 -1.10 0.00	25.32 -1.11 0.00	25.29 -1.08 0.00	25.76 -1.07 0.00	24.81 -1.06 0.00	23.91 -1.07 0.00	23.65 -1.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.18 0.99 -4.14	21.50 0.79 -4.85	19.20 0.77 -2.62	18.49 0.81 -1.89	18.61 0.82 -1.99	17.92 0.82 -1.29	19.27 0.79 -2.69	19.76 0.82 -3.09	20.73 1.03 -1.57	22.74 1.33 -0.01	23.36 1.30 0.00	24.33 1.38 0.00	25.11 1.47 0.00	25.18 1.54 0.00	25.59 1.67 0.00	26.52 1.90 0.00	31.70 2.04 -3.82	34.68 2.07 -6.36	34.33 2.06 -5.83	32.91 1.95 -4.58	31.32 1.93 -2.56	29.33 1.81 -1.65	26.65 1.67 0.00	26.07 1.41 0.00
SWANROAD_115KV_TB1 355699	18.61 -1.05 -0.60	15.66 -0.90 -0.71	15.12 -1.08 -0.38	15.87 -0.21 -0.28	15.88 -0.21 -0.29	15.74 -0.25 -0.19	15.69 -0.49 -0.39	15.27 -1.03 -0.45	17.22 -1.14 -0.23	20.12 -1.28 0.00	20.91 -1.15 0.00	21.92 -1.03 0.00	22.51 -1.14 0.00	22.37 -1.28 0.00	22.74 -1.17 0.00	23.79 -0.84 0.00	25.40 -0.98 -0.54	26.13 -1.05 -0.93	26.25 -1.03 -0.85	26.09 -0.95 -0.67	26.32 -0.89 -0.37	25.21 -0.91 -0.24	24.18 -0.80 0.00	24.15 -0.52 0.00
SYNERGY___BIOGAS 323694	19.18 -0.44 -0.57	16.07 -0.46 -0.67	15.57 -0.60 -0.36	15.35 -0.71 -0.26	15.38 -0.69 -0.27	15.27 -0.71 -0.18	15.50 -0.66 -0.37	15.67 -0.60 -0.43	17.75 -0.60 -0.22	21.17 -0.24 0.00	21.71 -0.35 0.00	22.52 -0.44 0.00	23.13 -0.52 0.00	23.08 -0.57 0.00	23.46 -0.46 0.00	24.46 -0.17 0.00	26.12 -0.23 -0.51	26.92 -0.21 -0.88	27.11 -0.13 -0.80	26.93 -0.08 -0.63	27.24 0.05 -0.35	26.10 0.00 -0.23	24.91 -0.07 0.00	24.47 -0.20 0.00
SYRACUSE___ENERGY_ST1 323597	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	16.01 0.03 -0.18	16.04 0.05 -0.19	15.98 0.05 -0.13	16.05 0.00 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.47 0.06 0.00	22.15 0.09 0.00	23.07 0.11 0.00	23.74 0.09 0.00	23.70 0.05 0.00	23.91 0.00 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.89 0.22 0.00
SYRACUSE___ENERGY_ST2 323598	19.45 0.00 -0.40	16.30 -0.03 -0.47	15.99 -0.08 -0.26	16.01 0.03 -0.18	16.04 0.05 -0.19	15.98 0.05 -0.13	16.05 0.00 -0.26	16.10 -0.05 -0.30	18.29 0.00 -0.15	21.47 0.06 0.00	22.15 0.09 0.00	23.07 0.11 0.00	23.74 0.09 0.00	23.70 0.05 0.00	23.91 0.00 0.00	24.68 0.05 0.00	26.25 0.05 -0.36	26.90 0.03 -0.62	27.06 0.05 -0.57	26.85 0.03 -0.45	27.11 0.03 -0.25	26.11 0.08 -0.16	25.08 0.10 0.00	24.89 0.22 0.00
SYRACUSE___POWER 24017	19.35 -0.08 -0.38	16.20 -0.10 -0.44	15.91 -0.14 -0.24	15.95 -0.02 -0.17	15.96 -0.02 -0.18	15.90 -0.02 -0.12	15.97 -0.06 -0.24	16.01 -0.11 -0.28	18.20 -0.07 -0.14	21.39 -0.02 0.00	22.08 0.02 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.62 -0.02 0.00	23.84 -0.07 0.00	24.58 -0.05 0.00	26.12 -0.05 -0.34	26.78 -0.05 -0.58	26.91 -0.05 -0.53	26.74 -0.05 -0.42	26.98 -0.08 -0.23	26.00 -0.03 -0.15	24.96 -0.02 0.00	24.76 0.10 0.00
TALLMAN___138KV_BK151 55660	24.46 1.12 -4.29	21.78 0.90 -5.02	19.42 0.90 -2.71	18.67 0.92 -1.96	18.81 0.95 -2.06	18.09 0.95 -1.34	19.49 0.92 -2.79	20.01 0.97 -3.20	20.97 1.21 -1.62	22.98 1.56 -0.01	23.60 1.54 0.00	24.58 1.63 0.00	25.40 1.75 0.00	25.49 1.84 0.00	25.85 1.94 0.00	26.84 2.22 0.00	32.20 2.40 -3.96	35.25 2.42 -6.58	34.88 2.41 -6.04	33.38 2.27 -4.74	31.67 2.20 -2.65	29.64 2.07 -1.70	26.88 1.90 0.00	26.27 1.60 0.00
TEALLAVE_115KV_TB7 355573	19.32 -0.08 -0.35	16.19 -0.08 -0.41	15.89 -0.14 -0.22	15.94 -0.02 -0.16	15.96 0.00 -0.17	15.90 -0.02 -0.11	15.97 -0.05 -0.23	15.99 -0.11 -0.26	18.19 -0.07 -0.13	21.36 -0.04 0.00	22.06 0.00 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.60 -0.05 0.00	23.84 -0.07 0.00	24.58 -0.05 0.00	26.10 -0.05 -0.31	26.74 -0.05 -0.54	26.87 -0.05 -0.49	26.71 -0.05 -0.39	26.96 -0.08 -0.22	25.99 -0.03 -0.14	24.98 0.00 0.00	24.79 0.12 0.00
TELGRAPH_34_KV_EAST 80808	18.84 -0.80 -0.59	15.84 -0.71 -0.69	15.31 -0.87 -0.37	16.00 -0.06 -0.27	16.02 -0.06 -0.28	15.88 -0.11 -0.18	15.86 -0.32 -0.38	15.44 -0.84 -0.44	17.47 -0.89 -0.22	20.40 -1.01 0.00	21.22 -0.84 0.00	22.19 -0.76 0.00	22.80 -0.85 0.00	22.68 -0.97 0.00	23.05 -0.86 0.00	24.08 -0.54 0.00	25.72 -0.65 -0.53	26.47 -0.68 -0.90	26.63 -0.63 -0.83	26.44 -0.58 -0.65	26.68 -0.51 -0.36	25.59 -0.52 -0.23	24.48 -0.50 0.00	24.42 -0.25 0.00
TEMPLE___115KV_TB 2 55572	19.35 -0.06 -0.35	16.19 -0.08 -0.41	15.91 -0.13 -0.22	15.96 0.00 -0.16	15.97 0.00 -0.17	15.91 0.00 -0.11	15.97 -0.05 -0.23	16.00 -0.11 -0.26	18.20 -0.07 -0.13	21.39 -0.02 0.00	22.08 0.02 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.62 -0.02 0.00	23.84 -0.07 0.00	24.60 -0.02 0.00	26.13 -0.03 -0.32	26.74 -0.05 -0.54	26.88 -0.05 -0.50	26.71 -0.05 -0.39	26.99 -0.05 -0.22	25.99 -0.03 -0.14	24.98 0.00 0.00	24.79 0.12 0.00
TIANA___69_KV_BK 1 55817	35.15 1.94 -14.16	32.93 1.59 -15.48	28.26 1.66 -10.79	24.57 1.72 -7.06	25.00 1.74 -7.47	24.77 1.74 -7.23	25.15 1.75 -7.61	27.82 1.76 -10.21	30.23 2.10 -9.99	32.54 2.44 -8.69	33.01 2.54 -8.42	34.22 2.69 -8.58	37.56 2.84 -11.07	37.80 2.96 -11.20	39.73 3.08 -12.73	46.90 3.42 -18.85	44.76 3.64 -15.28	52.19 3.70 -22.23	42.39 3.70 -12.25	41.40 3.51 -11.52	42.21 3.35 -12.02	37.62 3.13 -8.62	35.60 2.87 -7.75	33.81 2.54 -6.61
TILDEN___115KV_TB1 80814	19.35 -0.08 -0.38	16.20 -0.10 -0.44	15.91 -0.14 -0.24	15.95 -0.02 -0.17	15.96 -0.02 -0.18	15.90 -0.02 -0.12	15.97 -0.06 -0.24	16.01 -0.11 -0.28	18.20 -0.07 -0.14	21.39 -0.02 0.00	22.08 0.02 0.00	22.98 0.02 0.00	23.65 0.00 0.00	23.62 -0.02 0.00	23.84 -0.07 0.00	24.58 -0.05 0.00	26.12 -0.05 -0.34	26.78 -0.05 -0.58	26.91 -0.05 -0.53	26.74 -0.05 -0.42	26.98 -0.08 -0.23	26.00 -0.03 -0.15	24.96 -0.02 0.00	24.76 0.10 0.00
TRIGEN___CC 323695	34.69 1.49 -14.16	32.55 1.21 -15.48	27.78 1.19 -10.79	24.08 1.23 -7.06	24.51 1.25 -7.47	24.28 1.25 -7.23	24.63 1.23 -7.61	27.34 1.28 -10.21	29.72 1.60 -9.99	32.11 2.01 -8.69	32.51 2.03 -8.42	33.69 2.16 -8.58	37.01 2.29 -11.07	37.21 2.36 -11.20	39.11 2.46 -12.73	46.23 2.76 -18.85	44.09 2.97 -15.28	51.48 2.99 -22.23	41.64 2.96 -12.25	40.71 2.82 -11.52	41.64 2.79 -12.02	37.10 2.61 -8.62	35.15 2.42 -7.75	33.39 2.12 -6.61

TRINITY__115KV__4 BK 55933	25.65 0.78 -5.82	23.32 0.65 -6.81	20.12 0.63 -3.68	19.13 0.68 -2.66	19.26 0.66 -2.80	18.28 0.66 -1.81	20.22 0.65 -3.78	20.79 0.60 -4.35	20.99 0.65 -2.20	22.12 0.71 -0.01	22.79 0.73 0.00	23.73 0.78 0.00	24.50 0.85 0.00	24.52 0.87 0.00	24.82 0.91 0.00	25.59 0.96 0.00	31.84 0.90 -5.10	36.10 0.92 -8.93	35.56 0.93 -8.20	33.73 0.92 -6.44	31.39 0.97 -3.59	29.17 0.98 -2.31	25.98 1.00 0.00	25.50 0.84 0.00
UNION__PROCESSING_DRP 323587	19.19 -0.36 -0.50	16.09 -0.35 -0.58	15.68 -0.44 -0.31	16.01 -0.02 -0.23	16.02 -0.02 -0.24	15.93 -0.03 -0.16	15.99 -0.13 -0.32	15.77 -0.44 -0.37	17.92 -0.40 -0.19	20.92 -0.49 0.00	21.68 -0.38 0.00	22.61 -0.34 0.00	23.25 -0.40 0.00	23.17 -0.47 0.00	23.48 -0.43 0.00	24.40 -0.22 0.00	26.13 -0.16 -0.45	26.86 -0.16 -0.76	26.98 -0.16 -0.70	26.79 -0.13 -0.55	27.06 -0.08 -0.31	25.99 -0.08 -0.20	24.76 -0.22 0.00	24.59 -0.07 0.00
UPPER HUDSON__HYD 24058	26.34 1.26 -6.03	23.93 1.02 -7.06	20.58 0.96 -3.81	19.50 0.95 -2.75	19.65 0.95 -2.90	18.66 0.98 -1.88	20.66 0.95 -3.92	21.31 0.97 -4.50	21.63 1.22 -2.28	22.89 1.48 -0.01	23.47 1.41 0.00	24.49 1.54 0.00	25.04 1.39 0.00	25.04 1.39 0.00	25.47 1.55 0.00	26.25 1.62 0.00	32.79 1.68 -5.27	37.21 1.71 -9.25	36.93 2.01 -8.49	35.15 2.11 -6.67	32.86 2.31 -3.72	30.57 2.30 -2.39	27.13 2.15 0.00	26.64 1.97 0.00
UPPER RAQUET__HYD 24056	18.21 -0.84 0.00	15.19 -0.67 0.00	15.18 -0.63 0.00	15.16 -0.63 0.00	15.18 -0.62 0.00	15.19 -0.62 0.00	15.20 -0.58 0.00	15.18 -0.66 0.00	17.26 -0.87 0.00	20.21 -1.20 0.00	20.82 -1.23 0.00	21.62 -1.33 0.00	22.23 -1.42 0.00	22.28 -1.37 0.00	22.12 -1.79 0.00	22.73 -1.90 0.00	23.87 -1.96 0.00	24.26 -2.00 0.00	24.45 -1.98 0.00	24.53 -1.85 0.00	25.00 -1.83 0.00	24.06 -1.81 0.00	23.16 -1.82 0.00	22.89 -1.78 0.00
VALLEY44_115KV_TB2 355964	18.36 -1.45 -0.76	15.54 -1.21 -0.89	14.91 -1.38 -0.48	15.26 -0.88 -0.35	15.29 -0.87 -0.36	15.11 -0.93 -0.24	15.25 -1.03 -0.49	15.14 -1.27 -0.57	17.01 -1.41 -0.29	20.47 -0.94 0.00	21.20 -0.86 0.00	22.17 -0.78 0.00	22.82 -0.83 0.00	22.73 -0.92 0.00	23.10 -0.81 0.00	24.13 -0.49 0.00	25.17 -1.34 -0.68	26.08 -1.34 -1.16	26.18 -1.32 -1.07	25.92 -1.29 -0.84	25.98 -1.31 -0.47	24.85 -1.32 -0.30	24.51 -0.47 0.00	24.47 -0.20 0.00
VALLEY__115KV_TB 1-4 80826	19.16 0.11 0.00	15.97 0.11 0.00	15.92 0.11 0.00	15.94 0.14 0.00	15.94 0.14 0.00	15.95 0.14 0.00	15.91 0.13 0.00	15.92 0.08 0.00	18.26 0.13 0.00	21.62 0.21 0.00	22.30 0.24 0.00	23.23 0.28 0.00	23.93 0.28 0.00	23.93 0.28 0.00	24.20 0.29 0.00	24.90 0.27 0.00	26.07 0.23 0.00	26.49 0.24 0.00	26.67 0.24 0.00	26.64 0.26 0.00	27.07 0.24 0.00	26.08 0.21 0.00	25.23 0.25 0.00	24.93 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.75 0.90 -1.81	18.72 0.75 -2.11	17.65 0.70 -1.14	17.38 0.76 -0.83	17.44 0.77 -0.87	17.14 0.77 -0.56	17.72 0.76 -1.17	17.89 0.70 -1.35	19.71 0.89 -0.68	22.59 1.18 0.00	23.27 1.21 0.00	24.28 1.33 0.00	25.04 1.40 0.00	25.11 1.47 0.00	25.49 1.58 0.00	26.30 1.67 0.00	29.16 1.71 -1.62	30.76 1.73 -2.77	30.72 1.74 -2.55	30.11 1.74 -2.00	29.69 1.74 -1.12	28.19 1.60 -0.72	26.60 1.62 0.00	26.19 1.53 0.00
VISCHER__FERRY HYD 24020	25.85 0.90 -5.90	23.51 0.75 -6.91	20.25 0.71 -3.73	19.20 0.71 -2.69	19.35 0.71 -2.84	18.35 0.71 -1.84	20.34 0.71 -3.84	20.95 0.70 -4.41	21.22 0.85 -2.23	22.40 0.99 -0.01	23.07 1.02 0.00	24.03 1.08 0.00	24.76 1.11 0.00	24.76 1.11 0.00	25.13 1.22 0.00	25.88 1.26 0.00	32.25 1.29 -5.11	36.62 1.31 -9.05	36.09 1.35 -8.31	34.30 1.40 -6.53	31.92 1.45 -3.64	29.64 1.42 -2.34	26.40 1.42 0.00	25.92 1.26 0.00
V_A_10_SYNC_DSASP 323832	18.81 -0.80 -0.56	15.78 -0.73 -0.65	15.31 -0.85 -0.35	15.12 -0.93 -0.25	15.13 -0.93 -0.27	15.01 -0.96 -0.17	15.25 -0.90 -0.36	15.43 -0.82 -0.41	17.47 -0.87 -0.21	20.68 -0.73 0.00	21.20 -0.86 0.00	22.01 -0.94 0.00	22.63 -1.02 0.00	22.56 -1.09 0.00	22.88 -1.03 0.00	23.81 -0.81 0.00	25.56 -0.77 -0.50	26.32 -0.79 -0.85	26.40 -0.82 -0.78	26.25 -0.74 -0.61	26.45 -0.72 -0.34	25.37 -0.72 -0.22	24.18 -0.80 0.00	23.80 -0.86 0.00
V_CMM_10_SYNC_DSASP 323787	18.55 -0.50 0.00	15.46 -0.40 0.00	15.46 -0.35 0.00	15.46 -0.33 0.00	15.46 -0.33 0.00	15.47 -0.33 0.00	15.47 -0.32 0.00	15.48 -0.36 0.00	17.63 -0.51 0.00	20.66 -0.75 0.00	21.29 -0.77 0.00	22.10 -0.85 0.00	22.77 -0.87 0.00	22.77 -0.87 0.00	22.86 -1.05 0.00	23.52 -1.11 0.00	24.70 -1.14 0.00	25.10 -1.15 0.00	25.27 -1.16 0.00	25.24 -1.13 0.00	25.73 -1.10 0.00	24.79 -1.09 0.00	23.86 -1.12 0.00	23.60 -1.06 0.00
V_CMP_10_SYNC_DSASP 323788	18.65 -0.40 0.00	15.51 -0.35 0.00	15.45 -0.36 0.00	15.39 -0.41 0.00	15.35 -0.44 0.00	15.34 -0.46 0.00	15.36 -0.43 0.00	15.37 -0.47 0.00	17.52 -0.62 0.00	20.44 -0.96 0.00	21.09 -0.97 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.51 -1.13 0.00	22.60 -1.32 0.00	23.20 -1.43 0.00	24.32 -1.52 0.00	24.68 -1.57 0.00	24.85 -1.59 0.00	24.82 -1.56 0.00	25.33 -1.50 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.26 -1.40 0.00
V_D_10_SYNC_DSASP 323841	18.57 -0.48 0.00	15.50 -0.36 0.00	15.48 -0.33 0.00	15.50 -0.30 0.00	15.50 -0.30 0.00	15.50 -0.30 0.00	15.52 -0.27 0.00	15.51 -0.33 0.00	17.65 -0.49 0.00	20.66 -0.75 0.00	21.31 -0.75 0.00	22.10 -0.85 0.00	22.75 -0.90 0.00	22.77 -0.87 0.00	22.69 -1.22 0.00	23.34 -1.28 0.00	24.52 -1.32 0.00	24.92 -1.34 0.00	25.09 -1.35 0.00	25.08 -1.29 0.00	25.60 -1.23 0.00	24.61 -1.27 0.00	23.71 -1.27 0.00	23.46 -1.21 0.00
V_E_10_SYNC_DSASP 323830	21.48 1.10 -1.32	18.25 0.84 -1.55	17.36 0.71 -0.84	17.05 0.65 -0.60	17.08 0.65 -0.64	16.85 0.63 -0.41	17.31 0.66 -0.86	17.45 0.62 -0.99	19.41 0.78 -0.50	22.52 1.11 0.00	23.14 1.08 0.00	24.17 1.22 0.00	24.88 1.23 0.00	25.04 1.39 0.00	25.40 1.48 0.00	26.20 1.58 0.00	28.60 1.58 -1.19	29.89 1.60 -2.03	30.07 1.77 -1.86	29.79 1.95 -1.46	29.63 1.99 -0.82	28.24 1.84 -0.53	26.93 1.95 0.00	26.56 1.90 0.00
V_F_30_NSYNC__DSASP 323816	26.15 1.09 -6.01	23.78 0.89 -7.04	20.46 0.85 -3.80	19.38 0.84 -2.75	19.53 0.84 -2.89	18.53 0.85 -1.87	20.53 0.84 -3.91	21.17 0.84 -4.49	21.44 1.03 -2.27	22.66 1.24 -0.01	23.32 1.26 0.00	24.33 1.38 0.00	25.00 1.35 0.00	25.02 1.37 0.00	25.42 1.51 0.00	26.18 1.55 0.00	32.72 1.63 -5.25	37.11 1.63 -9.22	36.64 1.74 -8.47	34.84 1.82 -6.65	32.44 1.91 -3.71	30.15 1.89 -2.39	26.78 1.80 0.00	26.32 1.65 0.00
V_F_30_SYNC_DSASP 323786	25.74 0.82 -5.87	23.43 0.70 -6.87	20.18 0.66 -3.71	19.19 0.71 -2.68	19.32 0.70 -2.82	18.33 0.70 -1.83	20.28 0.68 -3.81	20.88 0.65 -4.38	21.06 0.71 -2.22	22.19 0.77 -0.01	22.85 0.79 0.00	23.82 0.87 0.00	24.57 0.92 0.00	24.62 0.97 0.00	24.92 1.00 0.00	25.69 1.06 0.00	31.96 0.98 -5.14	36.26 1.00 -9.01	35.70 1.00 -8.27	33.89 1.03 -6.49	31.50 1.05 -3.62	29.29 1.09 -2.33	26.08 1.10 0.00	25.60 0.94 0.00

V_XM10_SYNC_DSASP 323789	18.65 -0.40 0.00	15.51 -0.35 0.00	15.45 -0.36 0.00	15.39 -0.41 0.00	15.35 -0.44 0.00	15.34 -0.46 0.00	15.36 -0.43 0.00	15.37 -0.47 0.00	17.52 -0.62 0.00	20.44 -0.96 0.00	21.09 -0.97 0.00	21.90 -1.06 0.00	22.54 -1.11 0.00	22.51 -1.13 0.00	22.60 -1.32 0.00	23.20 -1.43 0.00	24.32 -1.52 0.00	24.68 -1.57 0.00	24.85 -1.59 0.00	24.82 -1.56 0.00	25.33 -1.50 0.00	24.42 -1.45 0.00	23.51 -1.47 0.00	23.26 -1.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.57 1.20 -4.32	21.88 0.97 -5.05	19.49 0.95 -2.73	18.75 0.98 -1.97	18.87 1.00 -2.08	18.14 1.00 -1.35	19.56 0.96 -2.81	20.08 1.01 -3.23	21.04 1.27 -1.63	23.04 1.63 -0.01	23.67 1.61 0.00	24.65 1.70 0.00	25.47 1.82 0.00	25.54 1.89 0.00	25.92 2.01 0.00	26.92 2.29 0.00	32.31 2.48 -3.99	35.40 2.52 -6.63	35.00 2.48 -6.08	33.50 2.35 -4.78	31.80 2.31 -2.67	29.74 2.15 -1.72	26.98 2.00 0.00	26.37 1.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.88 1.31 -4.51	22.19 1.05 -5.28	19.70 1.04 -2.85	18.93 1.07 -2.06	19.06 1.09 -2.17	18.30 1.09 -1.41	19.80 1.07 -2.93	20.39 1.17 -3.37	21.31 1.47 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.95 2.00 0.00	25.78 2.13 0.00	25.87 2.22 0.00	26.23 2.32 0.00	27.29 2.66 0.00	32.87 2.84 -4.19	36.04 2.86 -6.92	35.64 2.85 -6.36	34.00 2.64 -4.99	32.19 2.58 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.54 1.87 0.00
W50THST__13_KV_LOAD 356117	24.95 1.39 -4.51	22.25 1.11 -5.28	19.77 1.11 -2.85	18.99 1.14 -2.06	19.14 1.17 -2.17	18.38 1.17 -1.41	19.87 1.15 -2.93	20.47 1.25 -3.37	21.40 1.56 -1.71	23.40 1.99 -0.01	24.07 2.01 0.00	25.09 2.13 0.00	25.92 2.27 0.00	26.01 2.36 0.00	26.38 2.46 0.00	27.43 2.81 0.00	33.00 2.97 -4.19	36.17 2.99 -6.92	35.75 2.96 -6.36	34.13 2.77 -4.99	32.32 2.71 -2.78	30.23 2.56 -1.79	27.33 2.35 0.00	26.66 2.00 0.00
WADING RIVER_IC_1 23522	34.88 1.68 -14.16	32.71 1.36 -15.48	28.07 1.47 -10.79	24.29 1.44 -7.06	24.74 1.47 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.64 1.58 -10.21	29.90 1.78 -9.99	32.07 1.97 -8.69	32.60 2.12 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.27 2.63 -12.73	46.38 2.90 -18.85	44.29 3.15 -15.30	51.73 3.20 -22.27	41.92 3.20 -12.29	40.95 3.06 -11.52	41.78 2.92 -12.02	37.21 2.72 -8.62	35.23 2.50 -7.75	33.44 2.17 -6.61
WADING RIVER_IC_2 23547	34.88 1.68 -14.16	32.71 1.36 -15.48	28.07 1.47 -10.79	24.29 1.44 -7.06	24.74 1.47 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.64 1.58 -10.21	29.90 1.78 -9.99	32.07 1.97 -8.69	32.60 2.12 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.27 2.63 -12.73	46.38 2.90 -18.85	44.29 3.15 -15.30	51.73 3.20 -22.27	41.92 3.20 -12.29	40.95 3.06 -11.52	41.78 2.92 -12.02	37.21 2.72 -8.62	35.23 2.50 -7.75	33.44 2.17 -6.61
WADING RIVER_IC_3 23601	34.88 1.68 -14.16	32.71 1.36 -15.48	28.07 1.47 -10.79	24.29 1.44 -7.06	24.74 1.47 -7.47	24.50 1.47 -7.23	24.86 1.47 -7.61	27.64 1.58 -10.21	29.90 1.78 -9.99	32.07 1.97 -8.69	32.60 2.12 -8.42	33.81 2.27 -8.58	37.11 2.39 -11.07	37.30 2.46 -11.20	39.27 2.63 -12.73	46.38 2.90 -18.85	44.29 3.15 -15.30	51.73 3.20 -22.27	41.92 3.20 -12.29	40.95 3.06 -11.52	41.78 2.92 -12.02	37.21 2.72 -8.62	35.23 2.50 -7.75	33.44 2.17 -6.61
WALDENNY_12_KV_BK2 80841	18.73 -0.99 -0.67	15.79 -0.86 -0.79	15.19 -1.04 -0.42	15.79 -0.32 -0.31	15.82 -0.30 -0.32	15.67 -0.35 -0.21	15.70 -0.52 -0.44	15.36 -0.98 -0.50	17.32 -1.07 -0.25	20.38 -1.03 0.00	21.18 -0.88 0.00	22.19 -0.76 0.00	22.82 -0.83 0.00	22.68 -0.97 0.00	23.08 -0.84 0.00	24.13 -0.49 0.00	25.64 -0.80 -0.60	26.45 -0.84 -1.03	26.51 -0.87 -0.95	26.33 -0.79 -0.74	26.49 -0.75 -0.42	25.36 -0.78 -0.27	24.51 -0.47 0.00	24.44 -0.22 0.00
WALDEN__HYDRO 24148	24.47 1.07 -4.36	21.82 0.86 -5.10	19.39 0.82 -2.75	18.64 0.85 -1.99	18.78 0.88 -2.10	18.05 0.88 -1.36	19.47 0.85 -2.83	19.95 0.86 -3.25	20.87 1.09 -1.65	22.81 1.39 -0.01	23.43 1.37 0.00	24.38 1.42 0.00	25.16 1.51 0.00	25.23 1.58 0.00	25.63 1.72 0.00	26.57 1.95 0.00	31.96 2.12 -4.01	35.12 2.18 -6.69	34.74 2.17 -6.14	33.28 2.08 -4.82	31.56 2.04 -2.69	29.52 1.91 -1.73	26.78 1.80 0.00	26.19 1.53 0.00
WARRENSBURG____ 23737	26.34 1.26 -6.03	23.93 1.02 -7.06	20.58 0.96 -3.81	19.50 0.95 -2.75	19.65 0.95 -2.90	18.66 0.98 -1.88	20.66 0.95 -3.92	21.31 0.97 -4.50	21.63 1.22 -2.28	22.89 1.48 -0.01	23.47 1.41 0.00	24.49 1.54 0.00	25.04 1.39 0.00	25.04 1.39 0.00	25.47 1.55 0.00	26.25 1.62 0.00	32.79 1.68 -5.27	37.21 1.71 -9.25	36.93 2.01 -8.49	35.15 2.11 -6.67	32.86 2.31 -3.72	30.57 2.30 -2.39	27.13 2.15 0.00	26.64 1.97 0.00
WATERSIDE____6 8 9 23538	24.82 1.26 -4.51	22.12 0.98 -5.28	19.67 1.01 -2.85	18.90 1.04 -2.06	19.03 1.06 -2.17	18.27 1.06 -1.41	19.76 1.04 -2.93	20.34 1.12 -3.37	21.25 1.41 -1.71	23.25 1.84 -0.01	23.89 1.83 0.00	24.93 1.97 0.00	25.75 2.10 0.00	25.85 2.20 0.00	26.23 2.32 0.00	27.24 2.61 0.00	31.71 2.92 -2.95	34.41 2.94 -5.22	34.53 2.91 -5.19	33.04 2.72 -3.95	32.24 2.63 -2.78	30.07 2.41 -1.79	27.18 2.20 0.00	26.49 1.83 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.20 0.15 0.00	15.99 0.13 0.00	15.94 0.13 0.00	15.95 0.16 0.00	15.95 0.16 0.00	15.96 0.16 0.00	15.93 0.14 0.00	15.96 0.11 0.00	18.30 0.16 0.00	21.62 0.21 0.00	22.30 0.24 0.00	23.20 0.25 0.00	23.91 0.26 0.00	23.93 0.28 0.00	24.20 0.29 0.00	24.95 0.32 0.00	26.12 0.28 0.00	26.57 0.32 0.00	26.75 0.32 0.00	26.69 0.32 0.00	27.15 0.32 0.00	26.16 0.28 0.00	25.31 0.32 0.00	24.98 0.32 0.00
WATSON__69_KV_BK 1 55734	35.15 1.94 -14.16	32.93 1.59 -15.48	28.19 1.60 -10.79	24.49 1.64 -7.06	24.93 1.66 -7.47	24.71 1.68 -7.23	25.04 1.64 -7.61	27.74 1.68 -10.21	30.13 2.01 -9.99	32.56 2.46 -8.69	32.97 2.49 -8.42	34.15 2.62 -8.58	37.49 2.77 -11.07	37.73 2.89 -11.20	39.61 2.97 -12.73	46.78 3.30 -18.85	44.66 3.54 -15.28	52.11 3.62 -22.23	42.31 3.62 -12.25	41.37 3.48 -11.52	42.29 3.43 -12.02	37.72 3.23 -8.62	35.73 3.00 -7.75	33.96 2.69 -6.61
WDELAWARE__HYD 323627	23.63 0.55 -4.02	21.00 0.43 -4.71	18.75 0.40 -2.54	18.00 0.36 -1.84	18.11 0.38 -1.94	17.47 0.41 -1.25	18.78 0.38 -2.61	19.24 0.40 -3.00	20.22 0.56 -1.52	22.10 0.68 -0.01	22.77 0.71 0.00	23.71 0.76 0.00	24.48 0.83 0.00	23.86 0.21 0.00	24.32 0.41 0.00	25.19 0.57 0.00	30.24 0.72 -3.68	33.19 0.76 -6.18	32.87 0.77 -5.67	31.51 0.68 -4.45	29.96 0.64 -2.48	28.71 1.24 -1.60	26.16 1.17 0.00	25.55 0.89 0.00
WEST BABYLON__IC 23714	35.05 1.85 -14.16	32.83 1.49 -15.48	28.10 1.50 -10.79	24.40 1.55 -7.06	24.83 1.56 -7.47	24.60 1.56 -7.23	24.94 1.55 -7.61	27.64 1.58 -10.21	30.04 1.92 -9.99	32.48 2.38 -8.69	32.88 2.40 -8.42	34.08 2.55 -8.58	37.41 2.70 -11.07	37.66 2.81 -11.20	39.54 2.89 -12.73	46.70 3.23 -18.85	44.58 3.46 -15.28	52.00 3.52 -22.23	42.20 3.52 -12.25	41.26 3.38 -11.52	42.21 3.35 -12.02	37.65 3.16 -8.62	35.65 2.92 -7.75	33.86 2.59 -6.61

WEST CANADA___HYD 24049	19.18 0.13 0.00	15.97 0.11 0.00	15.91 0.10 0.00	15.89 0.10 0.00	15.89 0.10 0.00	15.90 0.10 0.00	15.88 0.10 0.00	15.94 0.10 0.00	18.26 0.13 0.00	21.58 0.17 0.00	22.24 0.18 0.00	23.13 0.18 0.00	23.86 0.21 0.00	23.86 0.21 0.00	24.15 0.24 0.00	24.87 0.25 0.00	26.10 0.26 0.00	26.52 0.26 0.00	26.70 0.26 0.00	26.64 0.26 0.00	27.10 0.27 0.00	26.13 0.26 0.00	25.26 0.28 0.00	24.91 0.25 0.00
WESTERN_NY_WIND 24143	19.13 -0.50 -0.58	16.06 -0.48 -0.68	15.54 -0.63 -0.37	16.17 0.11 -0.26	16.20 0.13 -0.28	16.06 0.08 -0.18	16.05 -0.11 -0.38	15.66 -0.62 -0.43	17.72 -0.63 -0.22	20.70 -0.71 0.00	21.51 -0.55 0.00	22.47 -0.48 0.00	23.08 -0.57 0.00	22.99 -0.66 0.00	23.34 -0.57 0.00	24.40 -0.22 0.00	26.07 -0.28 -0.52	26.88 -0.26 -0.89	27.06 -0.19 -0.81	26.88 -0.13 -0.64	27.19 0.00 -0.36	26.05 -0.05 -0.23	24.88 -0.10 0.00	24.76 0.10 0.00
WESTOVER___LESR 323668	20.50 0.08 -1.37	17.50 0.03 -1.60	16.65 -0.03 -0.87	16.55 0.13 -0.63	16.60 0.14 -0.66	16.36 0.13 -0.43	16.76 0.08 -0.89	16.88 0.02 -1.02	18.71 0.05 -0.52	21.62 0.21 0.00	22.30 0.24 0.00	23.25 0.30 0.00	23.96 0.31 0.00	23.93 0.28 0.00	24.22 0.31 0.00	25.07 0.44 0.00	27.46 0.39 -1.23	28.75 0.39 -2.10	28.79 0.42 -1.93	28.31 0.42 -1.52	28.08 0.40 -0.85	26.83 0.41 -0.54	25.48 0.50 0.00	25.18 0.52 0.00
WETHRSFD_WT_PWR 323626	18.85 -0.97 -0.77	15.88 -0.89 -0.90	15.24 -1.06 -0.49	15.03 -1.12 -0.35	15.09 -1.07 -0.37	14.92 -1.12 -0.24	15.23 -1.06 -0.50	15.45 -0.97 -0.58	17.32 -1.11 -0.29	20.62 -0.79 0.00	21.15 -0.91 0.00	21.99 -0.96 0.00	22.58 -1.06 0.00	22.56 -1.09 0.00	22.93 -0.98 0.00	23.89 -0.74 0.00	25.55 -0.98 -0.69	26.47 -0.97 -1.19	26.60 -0.93 -1.09	26.36 -0.87 -0.86	26.45 -0.86 -0.48	25.38 -0.80 -0.31	24.43 -0.55 0.00	24.10 -0.57 0.00
WHAVSTOR_138KV_BK127 55557	24.48 1.10 -4.33	21.81 0.89 -5.06	19.43 0.89 -2.73	18.69 0.92 -1.98	18.81 0.93 -2.08	18.08 0.93 -1.35	19.50 0.90 -2.81	20.04 0.97 -3.23	20.98 1.21 -1.63	22.95 1.54 -0.01	23.58 1.52 0.00	24.56 1.61 0.00	25.37 1.73 0.00	25.47 1.82 0.00	25.83 1.91 0.00	26.79 2.17 0.00	32.19 2.35 -4.00	35.28 2.39 -6.64	34.90 2.38 -6.09	33.37 2.22 -4.79	31.67 2.17 -2.67	29.63 2.04 -1.72	26.85 1.87 0.00	26.24 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.48 1.10 -4.33	21.81 0.89 -5.06	19.43 0.89 -2.73	18.69 0.92 -1.98	18.81 0.93 -2.08	18.08 0.93 -1.35	19.50 0.90 -2.81	20.04 0.97 -3.23	20.98 1.21 -1.63	22.95 1.54 -0.01	23.58 1.52 0.00	24.56 1.61 0.00	25.37 1.73 0.00	25.47 1.82 0.00	25.83 1.91 0.00	26.79 2.17 0.00	32.19 2.35 -4.00	35.28 2.39 -6.64	34.90 2.38 -6.09	33.37 2.22 -4.79	31.67 2.17 -2.67	29.63 2.04 -1.72	26.85 1.87 0.00	26.24 1.58 0.00
WHITEHAL_115KV_TB1 80871	26.62 1.54 -6.02	24.16 1.25 -7.05	20.82 1.20 -3.80	19.78 1.23 -2.75	19.91 1.22 -2.90	18.96 1.28 -1.88	20.92 1.22 -3.91	21.51 1.17 -4.50	21.90 1.49 -2.28	23.24 1.82 -0.01	23.85 1.79 0.00	24.90 1.95 0.00	25.47 1.82 0.00	25.52 1.87 0.00	25.92 2.01 0.00	26.77 2.14 0.00	33.30 2.20 -5.27	37.73 2.23 -9.24	37.43 2.51 -8.48	35.73 2.69 -6.66	33.42 2.87 -3.72	31.11 2.85 -2.39	27.65 2.67 0.00	27.11 2.44 0.00
WHITEPLN_13_KV_LOAD 356215	24.95 1.39 -4.50	22.24 1.11 -5.27	19.76 1.11 -2.84	18.99 1.14 -2.06	19.12 1.15 -2.17	18.36 1.15 -1.40	19.84 1.12 -2.93	20.41 1.20 -3.36	21.34 1.51 -1.70	23.36 1.95 -0.01	24.02 1.96 0.00	25.02 2.07 0.00	25.85 2.20 0.00	25.97 2.32 0.00	26.35 2.44 0.00	27.41 2.78 0.00	33.01 3.00 -4.17	36.16 2.99 -6.91	35.74 2.96 -6.34	34.15 2.80 -4.98	32.40 2.79 -2.78	30.27 2.61 -1.79	27.35 2.37 0.00	26.71 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	35.03 1.83 -14.16	32.83 1.49 -15.48	28.15 1.55 -10.79	24.46 1.61 -7.06	24.89 1.63 -7.47	24.68 1.64 -7.23	25.04 1.64 -7.61	27.71 1.65 -10.21	30.08 1.96 -9.99	32.39 2.29 -8.69	32.79 2.32 -8.42	33.97 2.43 -8.58	37.27 2.55 -11.07	37.52 2.67 -11.20	39.42 2.77 -12.73	46.58 3.10 -18.85	44.45 3.33 -15.28	51.90 3.41 -22.23	42.09 3.41 -12.25	41.16 3.27 -11.52	42.02 3.17 -12.02	37.44 2.95 -8.62	35.45 2.72 -7.75	33.71 2.44 -6.61
WOODARD__115KV_TB2 355635	19.31 -0.10 -0.36	16.19 -0.10 -0.42	15.90 -0.14 -0.23	15.93 -0.03 -0.16	15.94 -0.03 -0.17	15.88 -0.03 -0.11	15.96 -0.06 -0.23	15.99 -0.13 -0.27	18.18 -0.09 -0.14	21.34 -0.06 0.00	22.04 -0.02 0.00	22.93 -0.02 0.00	23.60 -0.05 0.00	23.58 -0.07 0.00	23.79 -0.12 0.00	24.53 -0.10 0.00	26.06 -0.10 -0.32	26.70 -0.11 -0.55	26.83 -0.11 -0.51	26.67 -0.11 -0.40	26.92 -0.13 -0.22	25.94 -0.08 -0.14	24.93 -0.05 0.00	24.74 0.07 0.00
YORK___WARBASSE 23770	24.84 1.28 -4.51	22.12 0.98 -5.28	19.66 1.00 -2.85	18.87 1.01 -2.06	19.01 1.04 -2.17	18.25 1.04 -1.41	19.73 1.01 -2.93	20.32 1.11 -3.37	21.25 1.41 -1.71	23.30 1.88 -0.01	23.93 1.88 0.00	24.97 2.02 0.00	25.82 2.18 0.00	25.94 2.29 0.00	26.33 2.42 0.00	27.36 2.73 0.00	41.80 3.05 -12.91	48.20 3.07 -18.87	43.96 3.04 -14.48	41.48 2.82 -12.28	32.43 2.76 -2.84	30.17 2.51 -1.79	27.25 2.27 0.00	26.54 1.87 0.00