

Day Ahead Market Generator LBMP

		--- LBMP \$						--- Marginal Cost of Losses						--- Marginal Cost of Congestion														
Generator Data																									04/12/2024			
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	21.13	20.15	19.17	17.77	19.27	20.59	25.41	33.81	37.81	45.09	36.00	36.02	36.26	36.02	33.98	33.94	34.03	35.77	36.05	35.98	34.14	30.35	28.54	22.19			
		1.87	1.62	1.60	1.51	1.62	1.72	2.33	2.11	2.48	2.51	2.52	2.48	2.52	2.37	2.17	2.23	2.23	2.27	2.22	2.31	2.33	2.15	2.13	1.91			
		-0.03	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-10.99	-11.53	-18.25	-9.28	-9.87	-9.91	-11.05	-11.09	-10.70	-10.99	-12.34	-12.87	-11.65	-9.44	-6.90	-4.86	-0.01			
74TH STREET_GT_1	24260	21.10	20.12	19.16	17.76	19.27	20.58	25.42	33.89	37.98	45.39	36.11	36.16	36.46	36.23	34.19	34.15	34.23	35.96	36.23	36.09	34.21	30.39	28.64	22.18			
		1.83	1.61	1.60	1.51	1.62	1.72	2.33	2.09	2.45	2.48	2.47	2.46	2.50	2.35	2.15	2.21	2.21	2.22	2.20	2.29	2.30	2.13	2.13	1.91			
		-0.03	-0.67	-0.17	-0.24	0.00	0.00	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.96	0.00			
74TH STREET_GT_2	24261	21.10	20.12	19.16	17.76	19.27	20.58	25.42	33.89	37.98	45.39	36.11	36.16	36.46	36.23	34.19	34.15	34.23	35.96	36.23	36.09	34.21	30.39	28.64	22.18			
		1.83	1.61	1.60	1.51	1.62	1.72	2.33	2.09	2.45	2.48	2.47	2.46	2.50	2.35	2.15	2.21	2.21	2.22	2.20	2.29	2.30	2.13	2.13	1.91			
		-0.03	-0.67	-0.17	-0.24	0.00	0.00	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.96	0.00			
ADK HUDSON___FALLS	24011	19.99	19.47	18.32	16.94	18.40	19.66	24.20	29.94	28.39	29.59	27.67	27.89	24.95	24.04	22.46	22.03	22.73	24.24	26.95	30.33	29.85	27.47	22.58	21.05			
		0.75	0.79	0.71	0.62	0.76	0.79	1.13	0.97	1.19	1.29	1.23	1.21	1.12	0.99	0.83	0.90	0.87	0.91	0.96	1.01	1.12	1.06	0.97	0.77			
		0.00	-0.84	-0.22	-0.30	0.00	0.00	0.00	-8.25	-3.39	-3.97	-2.24	-3.02	0.00	-0.45	-0.91	-0.13	-1.04	-2.16	-5.02	-7.29	-6.36	-5.11	-0.06	0.00			
ADK RESOURCE___RCVRY	23798	20.01	19.49	18.34	16.94	18.42	19.68	24.25	29.98	28.44	29.66	27.74	27.96	25.00	24.08	22.48	22.08	22.73	24.26	26.97	30.35	29.90	27.51	22.62	21.07			
		0.77	0.80	0.73	0.62	0.78	0.81	1.18	1.01	1.24	1.36	1.31	1.28	1.17	1.04	0.85	0.95	0.87	0.93	0.99	1.04	1.16	1.11	1.01	0.79			
		0.00	-0.84	-0.22	-0.30	0.00	0.00	0.00	-8.26	-3.39	-3.97	-2.24	-3.02	0.00	-0.45	-0.91	-0.13	-1.04	-2.16	-5.02	-7.29	-6.36	-5.11	-0.06	0.00			
ADK S GLENS___FALLS	24028	19.99	19.47	18.32	16.94	18.40	19.66	24.20	29.94	28.39	29.59	27.67	27.89	24.95	24.04	22.46	22.03	22.73	24.24	26.95	30.33	29.85	27.47	22.58	21.05			
		0.75	0.79	0.71	0.62	0.76	0.79	1.13	0.97	1.19	1.29	1.23	1.21	1.12	0.99	0.83	0.90	0.87	0.91	0.96	1.01	1.12	1.06	0.97	0.77			
		0.00	-0.84	-0.22	-0.30	0.00	0.00	0.00	-8.25	-3.39	-3.97	-2.24	-3.02	0.00	-0.45	-0.91	-0.13	-1.04	-2.16	-5.02	-7.29	-6.36	-5.11	-0.06	0.00			
ADK_NYS___DAM	23527	20.25	19.66	18.57	17.21	18.68	19.85	24.50	29.97	28.39	29.48	27.73	27.86	25.07	24.23	22.72	22.26	23.03	24.55	27.13	30.49	29.91	27.49	22.75	21.25			
		1.02	1.00	0.97	0.90	1.04	0.98	1.43	1.22	1.28	1.29	1.35	1.25	1.24	1.20	1.12	1.13	1.21	1.27	1.28	1.37	1.34	1.21	1.14	0.97			
		0.00	-0.81	-0.21	-0.29	0.00	0.00	0.00	-8.04	-3.30	-3.86	-2.18	-2.94	0.00	-0.44	-0.89	-0.12	-1.01	-2.11	-4.89	-7.10	-6.20	-4.97	-0.06	0.00			
AIR_PRODUCTS___DRP	24190	20.04	19.41	18.33	16.97	18.38	19.64	23.69	29.30	27.73	28.89	26.98	27.20	24.45	23.67	22.17	21.74	22.40	23.84	26.42	29.74	29.16	26.81	22.17	20.72			
		0.81	0.75	0.73	0.66	0.74	0.77	0.62	0.48	0.60	0.66	0.58	0.57	0.62	0.63	0.56	0.61	0.56	0.55	0.52	0.55	0.54	0.49	0.56	0.45			
		0.00	-0.81	-0.21	-0.29	0.00	0.00	0.00	-8.11	-3.33	-3.90	-2.20	-2.97	0.00	-0.44	-0.89	-0.12	-1.02	-2.13	-4.93	-7.16	-6.25	-5.02	-0.06	0.00			
AKWESSNE_115KV_BK	355683	7.79	8.90	8.82	9.01	9.32	13.35	10.12	11.08	13.51	13.25	18.19	19.54	22.99	21.85	20.01	15.85	15.89	16.17	15.08	20.09	21.65	20.64	20.86	19.61			
		-0.58	-0.52	-0.50	-0.46	-0.51	-0.57	-0.67	-0.62	-0.74	-0.75	-0.77	-0.78	-0.83	-0.75	-0.70	-0.74	-0.69	-0.70	-0.69	-0.73	-0.72	-0.66	-0.69	-0.67			
		10.87	8.43	8.07	6.55	7.81	4.95	12.28	9.00	9.56	10.33	5.24	3.34	0.01	0.00	0.00	4.42	4.24	4.30	5.19	1.21	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	20.16	19.50	18.45	17.06	18.53	19.77	24.04	29.46	27.98	29.08	27.18	27.34	24.61	23.75	22.22	21.84	22.50	23.99	26.58	29.87	29.38	27.05	22.49	21.05			
		0.92	0.86	0.85	0.75	0.88	0.91	0.97	0.79	0.90	0.92	0.82	0.76	0.79	0.72	0.62	0.71	0.69	0.74	0.78	0.82	0.87	0.83	0.88	0.77			
		0.00	-0.80	-0.21	-0.29	0.00	0.00	0.00	-7.96	-3.27	-3.83	-2.16	-2.92	0.00	-0.43	-0.88	-0.12	-1.00	-2.09	-4.84	-7.03	-6.14	-4.93	-0.06	0.00			
ALBANY_2_SOLAR	323834	20.14	19.50	18.45	17.06	18.51	19.77	24.02	29.46	27.98	29.08	27.18	27.34	24.61	23.75	22.22	21.84	22.50	24.00	26.58	29.87	29.38	27.05	22.49	21.05			
		0.90	0.86	0.85	0.75	0.86	0.91	0.95	0.79	0.90	0.92	0.82	0.76	0.79	0.72	0.62	0.71	0.69	0.74	0.78	0.82	0.87	0.83	0.88	0.77			
		0.00	-0.80	-0.21	-0.29	0.00	0.00	0.00	-7.96	-3.27	-3.83	-2.16	-2.92	0.00	-0.43	-0.88	-0.12	-1.00	-2.09	-4.84	-7.03	-6.14	-4.93	-0.06	0.00			
ALBANY___1	23571	20.04	19.41	18.33	16.97	18.38	19.64	23.69	29.30	27.73	28.89	26.98	27.20	24.45	23.67	22.17	21.74	22.40	23.84	26.42	29.74	29.16	26.81	22.17	20.72			
		0.81	0.75	0.73	0.66	0.74	0.77	0.62	0.48	0.60	0.66	0.58	0.57	0.62	0.63	0.56	0.61	0.56	0.55	0.52	0.55	0.54	0.49	0.56	0.45			
		0.00	-0.81	-0.21	-0.29	0.00	0.00	0.00	-8.11	-3.33	-3.90	-2.20	-2.97	0.00	-0.44	-0.89	-0.12	-1.02	-2.13	-4.93	-7.16	-6.25	-5.02	-0.06	0.00			

ALBANY___2 23572	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.69 0.62 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.89 0.66 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.17 0.56 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.16	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
ALBANY___3 23573	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.69 0.62 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.89 0.66 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.17 0.56 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.16	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
ALBANY___4 23574	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.69 0.62 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.89 0.66 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.17 0.56 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.16	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
ALBANY___LFGE 323615	20.14 0.90 0.00	19.52 0.86 -0.82	18.44 0.83 -0.21	17.05 0.74 -0.29	18.47 0.83 0.00	19.74 0.87 0.00	23.90 0.83 0.00	29.55 0.68 -8.16	28.01 0.86 -3.35	29.20 0.95 -3.92	27.26 0.85 -2.21	27.50 0.85 -2.99	24.71 0.88 0.00	23.89 0.86 -0.44	22.38 0.77 -0.90	21.95 0.82 -0.12	22.61 0.77 -1.03	24.07 0.76 -2.14	26.66 0.73 -4.96	30.00 0.77 -7.21	29.44 0.78 -6.29	27.07 0.72 -5.05	22.36 0.75 -0.06	20.92 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	8.49 -0.56 10.18	9.56 -0.50 7.79	9.44 -0.50 7.45	9.60 -0.45 5.97	9.94 -0.51 7.19	13.99 -0.55 4.33	10.89 -0.67 11.51	11.78 -0.62 8.31	14.27 -0.74 8.79	14.03 -0.75 9.54	18.92 -0.77 4.50	20.25 -0.78 2.64	23.67 -0.83 -0.67	22.50 -0.75 -0.65	20.63 -0.70 -0.62	16.50 -0.76 3.75	16.51 -0.73 3.58	16.80 -0.74 3.62	15.71 -0.73 4.52	20.08 -0.77 1.17	21.61 -0.76 0.00	20.62 -0.68 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
ALCOA_RYNLDS___DRP 24188	8.49 -0.56 10.18	9.56 -0.50 7.79	9.44 -0.50 7.45	9.60 -0.45 5.97	9.94 -0.51 7.19	13.99 -0.55 4.33	10.89 -0.67 11.51	11.78 -0.62 8.31	14.27 -0.74 8.79	14.03 -0.75 9.54	18.92 -0.77 4.50	20.25 -0.78 2.64	23.67 -0.83 -0.67	22.50 -0.75 -0.65	20.63 -0.70 -0.62	16.50 -0.76 3.75	16.51 -0.73 3.58	16.80 -0.74 3.62	15.71 -0.73 4.52	20.08 -0.77 1.17	21.61 -0.76 0.00	20.62 -0.68 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
ALCOA___DSASP 323711	8.49 -0.56 10.18	9.56 -0.50 7.79	9.45 -0.49 7.45	9.60 -0.45 5.97	9.94 -0.51 7.19	13.99 -0.55 4.33	10.89 -0.67 11.51	11.78 -0.62 8.31	14.27 -0.74 8.79	14.01 -0.78 9.54	18.92 -0.78 4.50	20.25 -0.78 2.64	23.66 -0.83 -0.67	22.50 -0.75 -0.65	20.63 -0.70 -0.62	16.50 -0.76 3.75	16.51 -0.73 3.58	16.80 -0.74 3.62	15.71 -0.73 4.52	20.08 -0.77 1.17	21.61 -0.76 0.00	20.62 -0.68 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
ALLEGHENY___COGEN 23514	19.08 -0.15 0.00	17.89 -0.09 -0.13	17.34 -0.09 -0.03	15.97 -0.10 -0.05	17.54 -0.11 0.00	18.96 0.09 0.00	22.77 -0.30 0.00	21.37 0.04 -0.62	24.11 0.05 -0.26	24.49 -0.15 -0.30	24.10 -0.27 -0.17	23.56 -0.33 -0.23	23.40 -0.43 0.00	22.18 -0.45 -0.03	20.39 -0.39 -0.07	20.80 -0.21 -0.01	20.75 -0.14 -0.08	21.29 -0.04 -0.16	21.38 0.04 -0.38	22.62 0.04 -0.55	22.92 0.07 -0.48	21.68 0.00 -0.38	21.51 -0.04 0.00	20.48 0.20 0.00
ALTAMONT_115KV_TB 2 55880	19.99 0.75 0.00	19.35 0.70 -0.81	18.28 0.68 -0.21	16.92 0.61 -0.29	18.33 0.69 0.00	19.58 0.72 0.00	23.92 0.85 0.00	29.61 0.77 -8.13	28.03 0.88 -3.34	29.14 0.90 -3.91	27.30 0.90 -2.20	27.52 0.88 -2.98	24.71 0.88 0.00	23.87 0.84 -0.44	22.38 0.77 -0.90	21.93 0.80 -0.12	22.63 0.79 -1.02	24.10 0.80 -2.13	26.70 0.80 -4.94	30.04 0.84 -7.18	29.49 0.85 -6.27	27.09 0.77 -5.03	22.41 0.80 -0.06	20.97 0.69 0.00
ALTONA_WT_PWR 323606	-6.92 -1.54 24.62	-6.95 -1.41 23.38	-6.91 -1.44 22.86	-6.92 -1.30 21.64	-6.86 -1.52 22.98	-6.85 -1.64 24.08	-6.79 -2.01 27.85	-6.79 -1.86 25.64	-6.74 -2.24 28.31	-6.76 -2.24 28.85	-6.78 -2.25 28.73	-6.81 -2.20 28.27	-6.76 -2.33 28.26	-6.80 -2.10 27.29	-6.86 -1.86 25.71	-6.92 -1.85 26.07	-6.94 -1.77 25.98	-6.89 -1.76 26.30	-6.83 -1.87 25.93	19.03 -1.81 1.19	20.80 -1.57 0.00	20.04 -1.26 0.00	20.43 -1.12 0.00	19.16 -1.12 0.00
AMERICAN_REF_FUEL 24010	17.95 -1.29 0.00	16.84 -1.12 -0.12	16.34 -1.08 -0.03	15.08 -0.98 -0.04	16.55 -1.09 0.00	17.81 -1.06 0.00	21.15 -1.91 0.00	19.83 -1.45 -0.57	22.42 -1.62 -0.23	22.85 -1.75 -0.27	22.61 -1.74 -0.15	22.12 -1.75 -0.21	22.16 -1.67 0.00	21.02 -1.60 -0.03	19.37 -1.41 -0.06	19.71 -1.30 -0.01	19.47 -1.42 -0.07	19.81 -1.50 -0.15	19.82 -1.49 -0.34	20.94 -1.59 -0.50	21.08 -1.72 -0.43	19.82 -1.83 -0.35	19.79 -1.77 0.00	19.04 -1.24 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.37 -0.87 0.00	16.96 -1.02 -0.13	16.54 -0.89 -0.03	15.20 -0.87 -0.05	16.97 -0.67 0.00	18.28 -0.59 0.00	21.80 -1.27 0.00	20.16 -1.18 -0.63	22.73 -1.33 -0.26	23.20 -1.44 -0.30	22.94 -1.43 -0.17	22.40 -1.49 -0.23	22.76 -1.07 0.00	21.25 -1.38 -0.03	19.52 -1.26 -0.07	20.13 -0.88 -0.01	19.56 -1.33 -0.08	19.96 -1.38 -0.16	19.94 -1.40 -0.38	21.12 -1.45 -0.56	21.22 -1.63 -0.48	19.92 -1.77 -0.39	20.13 -1.42 0.00	19.32 -0.95 0.00
ARTHUR KILL_GT_1 23520	21.39 2.12 -0.04	20.47 1.95 -0.68	19.47 1.90 -0.18	18.01 1.75 -0.25	19.57 1.92 -0.01	20.78 1.90 -0.01	25.53 2.44 -0.02	33.89 2.09 -11.09	37.52 2.00 -11.71	44.92 2.02 -18.57	35.70 2.06 -9.45	35.73 2.04 -10.03	36.02 2.07 -10.12	35.87 1.99 -11.29	34.06 2.03 -11.31	34.06 2.12 -10.93	34.13 2.10 -11.21	35.70 1.97 -12.57	35.99 1.97 -13.06	35.87 2.07 -11.77	34.15 2.24 -9.54	30.50 2.24 -6.96	28.80 2.28 -4.97	22.44 2.15 -0.02
ARTHUR_KILL_2 23512	21.35 2.08 -0.04	20.43 1.91 -0.68	19.42 1.84 -0.18	17.98 1.71 -0.25	19.52 1.87 -0.01	20.74 1.87 -0.01	25.46 2.38 -0.02	33.83 2.03 -11.09	37.44 1.93 -11.71	44.85 1.95 -18.57	35.63 1.98 -9.45	35.66 1.96 -10.03	35.95 2.00 -10.12	35.80 1.92 -11.29	34.02 1.99 -11.31	34.02 2.08 -10.93	34.07 2.04 -11.21	35.64 1.91 -12.57	35.93 1.91 -13.06	35.80 2.00 -11.77	34.08 2.17 -9.54	30.44 2.17 -6.96	28.74 2.22 -4.97	22.38 2.09 -0.02
ARTHUR_KILL_3 23513	20.98 1.71 -0.03	20.02 1.50 -0.68	19.05 1.48 -0.18	17.66 1.39 -0.25	19.15 1.50 -0.01	20.46 1.59 -0.01	25.25 2.17 -0.02	33.70 1.95 -11.04	37.70 2.26 -11.63	45.04 2.29 -18.42	35.87 2.30 -9.37	35.89 2.27 -9.95	36.17 2.31 -10.03	35.94 2.17 -11.18	33.93 2.01 -11.21	33.89 2.06 -10.83	33.98 2.06 -11.10	35.70 2.08 -12.46	35.99 2.06 -12.97	35.90 2.16 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.44 1.98 -4.91	22.03 1.74 -0.01

ARTHUR_KILL_COGEN 323718	21.39 2.12 -0.04	20.47 1.95 -0.68	19.47 1.90 -0.18	18.01 1.75 -0.25	19.57 1.92 -0.01	20.78 1.90 -0.01	25.53 2.44 -0.02	33.89 2.09 -11.09	37.52 2.00 -11.71	44.92 2.02 -18.57	35.70 2.06 -9.45	35.73 2.04 -10.03	36.02 2.07 -10.12	35.87 1.99 -11.29	34.06 2.03 -11.31	34.06 2.12 -10.93	34.13 2.10 -11.21	35.70 1.97 -12.57	35.99 1.97 -13.06	35.87 2.07 -11.77	34.15 2.24 -9.54	30.50 2.24 -6.96	28.80 2.28 -4.97	22.44 2.15 -0.02
ASHOKAN____ 23654	20.47 1.23 0.00	18.83 0.25 -0.73	18.73 1.15 -0.19	17.16 0.88 -0.26	18.83 1.18 0.00	20.09 1.23 0.00	24.43 1.36 0.00	28.33 0.37 -7.24	27.26 0.48 -2.98	28.30 0.49 -3.48	26.48 0.31 -1.96	26.65 0.33 -2.65	24.88 1.05 0.00	23.33 0.34 -0.39	21.79 0.27 -0.80	22.02 0.90 -0.11	22.04 0.31 -0.91	23.40 0.34 -1.90	25.72 0.36 -4.40	28.89 0.46 -6.40	28.47 0.51 -5.58	26.29 0.51 -4.48	22.92 1.31 -0.05	21.47 1.20 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.01 1.75 -0.02	20.20 1.68 -0.68	19.19 1.62 -0.18	17.68 1.41 -0.25	19.33 1.68 -0.01	20.52 1.64 -0.01	25.25 2.17 -0.01	33.69 1.90 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.84 2.15 -10.02	36.14 2.19 -10.12	35.93 2.06 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.71 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.46 1.96 -4.95	22.07 1.78 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	21.01 1.75 -0.02	20.20 1.68 -0.68	19.19 1.62 -0.18	17.68 1.41 -0.25	19.33 1.68 -0.01	20.52 1.64 -0.01	25.25 2.17 -0.01	33.69 1.90 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.84 2.15 -10.02	36.14 2.19 -10.12	35.93 2.06 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.71 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.46 1.96 -4.95	22.07 1.78 -0.01
ASTORIA_GT2_1 24094	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT2_2 24095	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT2_3 24096	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT2_4 24097	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT3_1 24098	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT3_2 24099	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT3_3 24100	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT3_4 24101	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT4_1 24102	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT4_2 24103	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT4_3 24104	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00

ASTORIA_GT4_4 24105	21.01 1.75 -0.02	20.19 1.68 -0.67	19.18 1.62 -0.17	17.67 1.41 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.25 2.17 -0.02	33.69 1.91 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.86 2.18 -10.02	36.14 2.19 -10.12	35.95 2.08 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.72 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.48 1.98 -4.95	22.06 1.78 0.00
ASTORIA_GT_1 23523	21.05 1.79 -0.02	20.24 1.71 -0.68	19.21 1.63 -0.18	17.69 1.43 -0.25	19.35 1.69 -0.01	20.55 1.68 -0.01	25.27 2.19 -0.01	33.73 1.95 -11.08	37.70 2.19 -11.71	45.09 2.19 -18.57	35.86 2.23 -9.44	35.89 2.20 -10.02	36.19 2.24 -10.12	35.97 2.10 -11.28	34.01 1.99 -11.30	33.95 2.02 -10.93	34.03 2.02 -11.20	35.76 2.03 -12.56	36.03 2.01 -13.05	35.88 2.09 -11.77	34.00 2.10 -9.53	30.26 2.00 -6.96	28.51 2.00 -4.95	22.11 1.83 -0.01
ASTORIA_GT_10 24110	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.47 1.60 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
ASTORIA_GT_11 24225	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.47 1.60 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
ASTORIA_GT_12 24226	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.47 1.60 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
ASTORIA_GT_13 24227	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.47 1.60 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
ASTORIA_GT_5 24106	21.05 1.79 -0.02	20.23 1.71 -0.67	19.20 1.63 -0.17	17.68 1.43 -0.24	19.34 1.69 0.00	20.55 1.68 0.00	25.30 2.21 -0.02	33.73 1.95 -11.08	37.71 2.19 -11.71	45.09 2.19 -18.57	35.86 2.23 -9.44	35.91 2.22 -10.02	36.19 2.24 -10.12	35.97 2.10 -11.28	34.01 1.99 -11.30	33.95 2.02 -10.93	34.03 2.02 -11.20	35.76 2.03 -12.56	36.03 2.01 -13.05	35.88 2.09 -11.77	34.00 2.10 -9.53	30.26 2.00 -6.96	28.51 2.00 -4.95	22.10 1.82 0.00
ASTORIA_GT_7 24107	21.05 1.79 -0.02	20.23 1.71 -0.67	19.20 1.63 -0.17	17.68 1.43 -0.24	19.34 1.69 0.00	20.55 1.68 0.00	25.30 2.21 -0.02	33.73 1.95 -11.08	37.71 2.19 -11.71	45.09 2.19 -18.57	35.86 2.23 -9.44	35.91 2.22 -10.02	36.19 2.24 -10.12	35.97 2.10 -11.28	34.01 1.99 -11.30	33.95 2.02 -10.93	34.03 2.02 -11.20	35.76 2.03 -12.56	36.03 2.01 -13.05	35.88 2.09 -11.77	34.00 2.10 -9.53	30.26 2.00 -6.96	28.51 2.00 -4.95	22.10 1.82 0.00
ASTORIA_GT_8 24108	21.05 1.79 -0.02	20.23 1.71 -0.67	19.20 1.63 -0.17	17.68 1.43 -0.24	19.34 1.69 0.00	20.55 1.68 0.00	25.30 2.21 -0.02	33.73 1.95 -11.08	37.71 2.19 -11.71	45.09 2.19 -18.57	35.86 2.23 -9.44	35.91 2.22 -10.02	36.19 2.24 -10.12	35.97 2.10 -11.28	34.01 1.99 -11.30	33.95 2.02 -10.93	34.03 2.02 -11.20	35.76 2.03 -12.56	36.03 2.01 -13.05	35.88 2.09 -11.77	34.00 2.10 -9.53	30.26 2.00 -6.96	28.51 2.00 -4.95	22.10 1.82 0.00
ASTORIA___2 24149	21.01 1.75 -0.02	20.20 1.68 -0.68	19.19 1.62 -0.18	17.68 1.41 -0.25	19.33 1.68 -0.01	20.52 1.64 -0.01	25.25 2.17 -0.01	33.69 1.90 -11.08	37.66 2.14 -11.71	45.04 2.14 -18.57	35.82 2.18 -9.44	35.84 2.15 -10.02	36.14 2.19 -10.12	35.93 2.06 -11.28	33.97 1.95 -11.30	33.93 2.00 -10.93	33.99 1.98 -11.20	35.71 1.99 -12.56	35.99 1.97 -13.05	35.84 2.05 -11.77	33.98 2.08 -9.53	30.24 1.98 -6.96	28.46 1.96 -4.95	22.07 1.78 -0.01
ASTORIA___3 23516	21.00 1.73 -0.03	20.11 1.59 -0.68	19.12 1.55 -0.18	17.68 1.41 -0.25	19.24 1.59 -0.01	20.48 1.60 -0.01	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.03 2.12 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.91 2.03 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.02 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.45 1.94 -4.96	22.05 1.76 -0.01
ASTORIA___4 23517	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.47 1.60 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
ASTORIA___5 23518	21.00 1.73 -0.03	20.11 1.59 -0.68	19.12 1.55 -0.18	17.68 1.41 -0.25	19.24 1.59 -0.01	20.48 1.60 -0.01	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.03 2.12 -18.58	35.80 2.15 -9.45	35.82 2.13 -10.03	36.12 2.17 -10.13	35.91 2.03 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.02 -11.77	33.97 2.06 -9.54	30.20 1.94 -6.96	28.45 1.94 -4.96	22.05 1.76 -0.01
AST_ENERGY_2_CC3 323677	21.00 1.73 -0.03	20.04 1.52 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.48 1.60 -0.01	25.25 2.17 -0.02	33.68 1.93 -11.04	37.70 2.26 -11.63	45.04 2.29 -18.42	35.87 2.30 -9.37	35.89 2.27 -9.95	36.16 2.31 -10.03	35.92 2.15 -11.18	33.93 2.01 -11.21	33.87 2.04 -10.83	33.96 2.04 -11.10	35.70 2.08 -12.46	35.97 2.03 -12.97	35.87 2.14 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.44 1.98 -4.91	22.05 1.76 -0.01
AST_ENERGY_2_CC4 323678	21.00 1.73 -0.03	20.04 1.52 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.48 1.60 -0.01	25.25 2.17 -0.02	33.68 1.93 -11.04	37.70 2.26 -11.63	45.04 2.29 -18.42	35.87 2.30 -9.37	35.89 2.27 -9.95	36.16 2.31 -10.03	35.92 2.15 -11.18	33.93 2.01 -11.21	33.87 2.04 -10.83	33.96 2.04 -11.10	35.70 2.08 -12.46	35.97 2.03 -12.97	35.87 2.14 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.44 1.98 -4.91	22.05 1.76 -0.01

ATHENS_STG_1 23668	20.22 0.98 0.00	19.47 0.89 -0.73	18.45 0.87 -0.19	17.08 0.80 -0.26	18.53 0.88 0.00	19.77 0.91 0.00	24.29 1.22 0.00	29.38 1.12 -7.55	28.19 1.28 -3.10	29.27 1.31 -3.63	27.55 1.31 -2.05	27.71 1.28 -2.77	25.14 1.31 0.00	24.22 1.22 -0.41	22.69 1.14 -0.83	22.30 1.18 -0.11	22.93 1.16 -0.95	24.33 1.18 -1.98	26.73 1.17 -4.59	29.93 1.23 -6.67	29.42 1.23 -5.82	27.12 1.15 -4.67	22.72 1.12 -0.06	21.27 0.99 0.00
ATHENS_STG_2 23670	20.22 0.98 0.00	19.47 0.89 -0.73	18.45 0.87 -0.19	17.08 0.80 -0.26	18.53 0.88 0.00	19.77 0.91 0.00	24.29 1.22 0.00	29.38 1.12 -7.55	28.19 1.28 -3.10	29.27 1.31 -3.63	27.55 1.31 -2.05	27.71 1.28 -2.77	25.14 1.31 0.00	24.22 1.22 -0.41	22.69 1.14 -0.83	22.30 1.18 -0.11	22.93 1.16 -0.95	24.33 1.18 -1.98	26.73 1.17 -4.59	29.93 1.23 -6.67	29.42 1.23 -5.82	27.12 1.15 -4.67	22.72 1.12 -0.06	21.27 0.99 0.00
ATHENS_STG_3 23677	20.22 0.98 0.00	19.47 0.89 -0.73	18.45 0.87 -0.19	17.08 0.80 -0.26	18.53 0.88 0.00	19.77 0.91 0.00	24.29 1.22 0.00	29.38 1.12 -7.55	28.19 1.28 -3.10	29.27 1.31 -3.63	27.55 1.31 -2.05	27.71 1.28 -2.77	25.14 1.31 0.00	24.22 1.22 -0.41	22.69 1.14 -0.83	22.30 1.18 -0.11	22.93 1.16 -0.95	24.33 1.18 -1.98	26.73 1.17 -4.59	29.93 1.23 -6.67	29.42 1.23 -5.82	27.12 1.15 -4.67	22.72 1.12 -0.06	21.27 0.99 0.00
AUBURN___LFGE 323710	19.12 -0.12 0.00	17.82 -0.12 -0.10	17.31 -0.10 -0.03	15.94 -0.11 -0.04	17.54 -0.11 0.00	18.83 -0.04 0.00	22.98 -0.09 0.00	21.23 0.04 -0.48	24.07 0.07 -0.20	24.61 0.05 -0.23	24.40 0.07 -0.13	23.93 0.09 -0.17	23.95 0.12 0.00	22.67 0.05 -0.03	20.79 0.02 -0.05	21.03 0.02 -0.01	20.83 -0.04 -0.06	21.25 -0.04 -0.12	21.19 -0.06 -0.29	22.38 -0.07 -0.42	22.67 -0.07 -0.37	21.51 -0.09 -0.29	21.46 -0.09 0.00	20.28 0.00 0.00
BABYLON_RES_REC 323704	21.33 2.08 -0.01	20.36 1.84 -0.68	19.38 1.81 -0.18	17.96 1.70 -0.25	19.50 1.85 -0.01	20.78 1.90 -0.01	25.67 2.58 -0.01	29.61 2.28 -6.63	29.77 2.60 -3.37	30.14 2.63 -3.18	28.61 2.61 -1.80	28.66 2.56 -2.44	27.76 2.57 -1.36	27.37 2.39 -2.38	25.92 2.22 -2.98	24.47 2.29 -1.18	26.93 2.29 -3.83	28.13 2.35 -4.61	28.79 2.35 -5.48	30.90 2.47 -6.41	29.97 2.48 -5.11	28.66 2.30 -5.06	24.96 2.28 -1.13	22.38 2.09 -0.02
BABYLON___69_KV_BK2 356345	21.55 2.31 -0.01	20.57 2.05 -0.67	19.58 2.02 -0.17	18.13 1.87 -0.24	19.71 2.06 0.00	20.98 2.11 0.00	25.96 2.88 -0.01	29.86 2.53 -6.63	30.06 2.88 -3.37	30.45 2.94 -3.17	28.90 2.90 -1.79	28.99 2.89 -2.44	28.10 2.91 -1.36	27.66 2.69 -2.38	26.16 2.47 -2.98	24.72 2.54 -1.18	27.18 2.54 -3.83	28.43 2.65 -4.61	29.07 2.62 -5.49	31.21 2.77 -6.42	30.28 2.80 -5.11	28.95 2.60 -5.06	25.22 2.54 -1.13	22.63 2.33 -0.02
BALL_HILL_WT_PWR 323825	18.56 -0.67 0.00	17.17 -0.80 -0.13	16.73 -0.70 -0.03	15.38 -0.69 -0.05	17.13 -0.51 0.00	18.45 -0.42 0.00	22.01 -1.06 0.00	20.33 -0.99 -0.61	22.96 -1.09 -0.25	23.46 -1.17 -0.30	23.21 -1.16 -0.17	22.68 -1.21 -0.22	23.02 -0.81 0.00	21.54 -1.08 -0.03	19.79 -0.99 -0.07	20.41 -0.61 -0.01	19.87 -1.02 -0.08	20.25 -1.08 -0.16	20.25 -1.09 -0.37	21.42 -1.15 -0.54	21.57 -1.27 -0.47	20.27 -1.41 -0.38	20.48 -1.08 0.00	19.67 -0.61 0.00
BARON_WINDS___WT_PWR 323822	18.52 -0.71 0.00	17.22 -0.78 -0.16	16.77 -0.66 -0.04	15.42 -0.66 -0.06	17.13 -0.51 0.00	18.43 -0.43 0.00	22.22 -0.85 0.00	20.66 -0.83 -0.77	23.20 -0.93 -0.32	23.76 -0.95 -0.37	23.47 -0.94 -0.21	22.98 -0.97 -0.28	23.11 -0.71 0.00	21.67 -0.97 -0.04	19.87 -0.93 -0.09	20.41 -0.61 -0.01	20.02 -0.89 -0.10	20.44 -0.93 -0.20	20.47 -0.96 -0.47	21.72 -0.99 -0.68	21.92 -1.05 -0.60	20.63 -1.15 -0.48	20.65 -0.90 -0.01	19.69 -0.59 0.00
BARRETT_IC_1 23704	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_10 23701	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_11 23702	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_12 23703	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_2 23705	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_3 23706	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_4 23707	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01

BARRETT_IC_5 23708	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_6 23709	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_7 23710	21.04 1.81 0.00	20.12 1.61 -0.67	19.15 1.58 -0.17	17.75 1.49 -0.24	19.25 1.61 0.00	20.55 1.68 0.00	25.38 2.31 0.00	29.36 2.03 -6.62	29.48 2.31 -3.36	29.84 2.34 -3.17	28.29 2.30 -1.79	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.07 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.74 2.07 -1.12	22.15 1.87 -0.01
BARRETT_IC_8 23711	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT_IC_9 23700	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT___1 23545	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BARRETT___2 23546	21.05 1.81 -0.01	20.13 1.61 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.26 1.61 -0.01	20.55 1.68 -0.01	25.36 2.28 -0.01	29.36 2.03 -6.62	29.48 2.31 -3.36	29.85 2.34 -3.18	28.30 2.30 -1.80	28.30 2.20 -2.44	27.45 2.26 -1.35	27.11 2.15 -2.37	25.70 2.01 -2.97	24.25 2.08 -1.17	26.70 2.06 -3.82	27.85 2.08 -4.61	28.47 2.03 -5.47	30.51 2.09 -6.40	29.60 2.13 -5.11	28.33 1.98 -5.05	24.71 2.05 -1.12	22.15 1.86 -0.01
BATAVIA__115KV_TB1 55881	18.58 -0.65 0.00	17.44 -0.52 -0.11	16.90 -0.52 -0.03	15.58 -0.48 -0.04	17.10 -0.55 0.00	18.45 -0.42 0.00	21.94 -1.13 0.00	20.60 -0.64 -0.53	23.40 -0.62 -0.22	23.86 -0.73 -0.25	23.67 -0.68 -0.14	23.10 -0.76 -0.19	23.11 -0.71 0.00	21.95 -0.68 -0.03	20.20 -0.58 -0.06	20.53 -0.48 -0.01	20.32 -0.56 -0.07	20.69 -0.61 -0.14	20.68 -0.61 -0.32	21.79 -0.70 -0.47	22.00 -0.78 -0.41	20.75 -0.87 -0.33	20.65 -0.90 0.00	19.81 -0.47 0.00
BAYONEEC___CTG1 323682	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG10 323750	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG2 323683	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG3 323684	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG4 323685	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG5 323686	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG6 323687	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01

BAYONEEC___CTG7 323688	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG8 323689	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BAYONEEC___CTG9 323749	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.50 1.62 -0.01	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.07 2.31 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.03 2.17 -9.49	30.26 2.02 -6.94	28.47 2.00 -4.91	22.07 1.78 -0.01
BEACON___LESR 323632	20.22 0.98 0.00	19.60 0.95 -0.81	18.52 0.92 -0.21	17.13 0.82 -0.29	18.56 0.92 0.00	19.85 0.98 0.00	24.04 0.97 0.00	29.62 0.81 -8.10	28.11 0.98 -3.33	29.27 1.05 -3.89	27.34 0.94 -2.20	27.55 0.92 -2.97	24.81 0.98 0.00	23.98 0.95 -0.44	22.44 0.83 -0.89	22.03 0.90 -0.12	22.67 0.83 -1.02	24.14 0.85 -2.12	26.71 0.82 -4.93	30.04 0.86 -7.16	29.51 0.90 -6.25	27.14 0.83 -5.01	22.47 0.86 -0.06	21.00 0.73 0.00
BEAVER RIVER___HYD 24048	16.47 -0.48 2.28	15.88 -0.45 1.52	15.65 -0.30 1.45	14.72 -0.29 1.01	16.00 -0.28 1.36	18.05 -0.45 0.36	20.06 -0.39 2.62	18.88 -0.31 1.52	21.67 -0.50 1.63	21.98 -0.49 1.86	23.49 -0.51 0.20	23.61 -0.47 -0.42	24.80 -0.52 -1.49	23.55 -0.50 -1.45	21.62 -0.48 -1.37	20.36 -0.55 0.09	20.20 -0.60 0.01	20.64 -0.55 -0.02	20.24 -0.48 0.25	21.42 -0.37 0.23	22.06 -0.40 -0.10	20.95 -0.43 -0.08	21.14 -0.41 0.00	19.85 -0.43 0.00
BEEBEE_GT_13 23619	18.62 -0.62 0.00	17.53 -0.41 -0.10	16.96 -0.45 -0.03	15.69 -0.37 -0.04	17.10 -0.55 0.00	18.40 -0.47 0.00	22.08 -0.99 0.00	20.70 -0.48 -0.46	23.57 -0.43 -0.19	24.07 -0.49 -0.22	23.87 -0.46 -0.13	23.34 -0.50 -0.17	23.21 -0.62 0.00	22.12 -0.50 -0.03	20.40 -0.37 -0.05	20.53 -0.48 -0.01	20.48 -0.40 -0.06	20.87 -0.42 -0.12	20.83 -0.40 -0.28	21.90 -0.53 -0.41	22.17 -0.56 -0.36	20.99 -0.60 -0.29	20.78 -0.78 0.00	19.83 -0.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.24 1.96 -0.04	20.28 1.77 -0.67	19.27 1.70 -0.17	17.84 1.59 -0.24	19.37 1.73 0.00	20.64 1.77 0.00	25.44 2.35 -0.02	33.89 2.09 -11.09	37.83 2.31 -11.72	45.25 2.34 -18.58	35.99 2.35 -9.45	36.01 2.32 -10.03	36.34 2.38 -10.13	36.12 2.24 -11.29	34.16 2.13 -11.31	34.12 2.18 -10.93	34.21 2.19 -11.21	35.89 2.16 -12.57	36.18 2.16 -13.06	36.06 2.27 -11.77	34.21 2.30 -9.54	30.46 2.19 -6.96	28.74 2.22 -4.97	22.29 2.01 -0.01
BETHLEHEM___GRP 23843	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.69 0.62 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.89 0.66 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.17 0.56 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.16	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
BETHLEHEM___GS1 323560	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.67 0.60 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.91 0.68 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.19 0.58 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.17	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
BETHLEHEM___GS2 323561	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.67 0.60 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.91 0.68 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.19 0.58 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.17	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
BETHLEHEM___GS3 323562	20.04 0.81 0.00	19.41 0.75 -0.81	18.33 0.73 -0.21	16.97 0.66 -0.29	18.38 0.74 0.00	19.64 0.77 0.00	23.67 0.60 0.00	29.30 0.48 -8.11	27.73 0.60 -3.33	28.91 0.68 -3.90	26.98 0.58 -2.20	27.20 0.57 -2.97	24.45 0.62 0.00	23.67 0.63 -0.44	22.19 0.58 -0.89	21.74 0.61 -0.12	22.40 0.56 -1.02	23.84 0.55 -2.13	26.42 0.52 -4.93	29.74 0.55 -7.17	29.16 0.54 -6.25	26.81 0.49 -5.02	22.17 0.56 -0.06	20.72 0.45 0.00
BETHLEHEM___STEEL 23779	18.50 -0.73 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.33 -0.74 -0.05	17.08 -0.56 0.00	18.38 -0.49 0.00	21.87 -1.20 0.00	20.26 -1.06 -0.60	22.89 -1.17 -0.25	23.36 -1.27 -0.29	23.13 -1.23 -0.16	22.63 -1.25 -0.22	22.97 -0.86 0.00	21.57 -1.06 -0.03	19.77 -1.02 -0.07	20.38 -0.63 -0.01	19.85 -1.04 -0.08	20.23 -1.10 -0.16	20.20 -1.13 -0.37	21.37 -1.19 -0.54	21.52 -1.32 -0.47	20.22 -1.45 -0.37	20.43 -1.12 0.00	19.65 -0.63 0.00
BETHLHEM_115KV_TB1 79974	20.04 0.81 0.00	19.43 0.77 -0.81	18.35 0.75 -0.21	16.98 0.67 -0.29	18.38 0.74 0.00	19.66 0.79 0.00	23.69 0.62 0.00	29.32 0.50 -8.11	27.76 0.62 -3.33	28.91 0.68 -3.90	27.00 0.61 -2.20	27.23 0.59 -2.97	24.47 0.64 0.00	23.69 0.66 -0.44	22.19 0.58 -0.89	21.76 0.63 -0.12	22.42 0.58 -1.02	23.91 0.61 -2.13	26.48 0.59 -4.93	29.80 0.62 -7.16	29.23 0.60 -6.25	26.87 0.55 -5.02	22.23 0.62 -0.06	20.78 0.51 0.00
BETHPAGE_CC_5 323564	21.27 2.02 -0.01	20.31 1.78 -0.68	19.33 1.76 -0.18	17.90 1.63 -0.25	19.43 1.78 -0.01	20.74 1.87 -0.01	25.60 2.51 -0.01	29.53 2.19 -6.63	29.70 2.52 -3.37	30.12 2.60 -3.18	28.59 2.59 -1.80	28.64 2.53 -2.44	27.74 2.55 -1.36	27.34 2.37 -2.38	25.92 2.22 -2.98	24.45 2.27 -1.17	26.89 2.25 -3.83	28.09 2.31 -4.61	28.73 2.29 -5.48	30.81 2.38 -6.40	29.90 2.42 -5.11	28.59 2.24 -5.06	24.91 2.24 -1.13	22.32 2.03 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.52 -0.71 0.00	17.08 -0.89 -0.13	16.69 -0.73 -0.03	15.28 -0.78 -0.05	17.11 -0.53 0.00	18.40 -0.47 0.00	21.89 -1.18 0.00	20.20 -1.12 -0.61	22.82 -1.24 -0.25	23.29 -1.34 -0.29	23.08 -1.28 -0.17	22.56 -1.33 -0.22	23.02 -0.81 0.00	21.52 -1.11 -0.03	19.71 -1.08 -0.07	20.43 -0.59 -0.01	19.79 -1.10 -0.08	20.16 -1.16 -0.16	20.14 -1.19 -0.37	21.31 -1.26 -0.54	21.46 -1.39 -0.47	20.17 -1.51 -0.38	20.45 -1.10 0.00	19.67 -0.61 0.00

BINGHAMTON___COGEN 23790	19.35 0.12 0.00	18.09 0.02 -0.23	17.52 0.07 -0.06	16.13 0.03 -0.08	17.77 0.12 0.00	19.06 0.19 0.00	23.23 0.16 0.00	21.83 0.04 -1.08	24.32 0.07 -0.45	24.90 0.05 -0.52	24.54 0.05 -0.29	24.11 0.05 -0.40	24.02 0.19 0.00	22.72 0.07 -0.06	20.86 0.02 -0.12	21.17 0.15 -0.02	20.95 0.00 -0.14	21.45 0.00 -0.29	21.63 0.00 -0.66	23.01 0.02 -0.97	23.21 0.00 -0.84	21.91 -0.06 -0.68	21.60 0.04 -0.01	20.46 0.18 0.00
BIXINCNT_115KV_LOAD 355685	18.00 -1.23 0.00	16.54 -1.45 -0.13	16.30 -1.13 -0.04	14.77 -1.30 -0.05	16.76 -0.88 0.00	17.89 -0.98 0.00	21.34 -1.73 0.00	19.51 -1.84 -0.64	22.00 -2.07 -0.26	22.50 -2.14 -0.31	22.22 -2.15 -0.17	21.75 -2.15 -0.24	22.40 -1.43 0.00	20.75 -1.88 -0.03	18.95 -1.84 -0.07	19.84 -1.18 -0.01	19.00 -1.89 -0.08	19.35 -1.99 -0.17	19.32 -2.03 -0.39	20.46 -2.14 -0.57	20.59 -2.28 -0.50	19.33 -2.36 -0.40	19.83 -1.72 0.00	19.02 -1.26 0.00
BLACK RIVER___HYD 24047	17.20 -0.46 1.58	16.39 -0.43 1.02	16.03 -0.37 0.99	14.98 -0.35 0.68	16.35 -0.35 0.94	18.19 -0.43 0.24	20.93 -0.30 1.84	19.58 -0.17 0.96	22.32 -0.38 1.10	22.74 -0.32 1.28	23.72 -0.36 0.12	23.64 -0.35 -0.33	24.49 -0.38 -1.04	23.23 -0.38 -1.02	21.30 -0.39 -0.97	20.47 -0.46 0.07	20.27 -0.56 -0.02	20.77 -0.47 -0.07	20.50 -0.38 0.09	21.73 -0.22 0.07	22.25 -0.27 -0.14	21.09 -0.32 -0.11	21.25 -0.30 0.00	19.97 -0.30 0.00
BLACKRVR_115KV_TB2 79977	17.20 -0.46 1.58	16.39 -0.43 1.02	16.04 -0.37 0.99	14.98 -0.35 0.68	16.35 -0.35 0.94	18.19 -0.43 0.24	20.93 -0.30 1.84	19.58 -0.17 0.96	22.32 -0.38 1.10	22.74 -0.32 1.28	23.72 -0.36 0.12	23.64 -0.35 -0.33	24.49 -0.38 -1.04	23.23 -0.38 -1.02	21.30 -0.39 -0.97	20.47 -0.46 0.07	20.27 -0.56 -0.02	20.77 -0.47 -0.07	20.50 -0.38 0.09	21.73 -0.22 0.07	22.24 -0.27 -0.14	21.09 -0.32 -0.11	21.25 -0.30 0.00	19.97 -0.30 0.00
BLISS_WT_PWR 323608	17.79 -1.44 0.00	16.37 -1.61 -0.13	16.12 -1.30 -0.04	14.63 -1.44 -0.05	16.59 -1.06 0.00	17.64 -1.23 0.00	21.11 -1.96 0.00	19.26 -2.09 -0.64	21.71 -2.36 -0.26	22.23 -2.41 -0.31	21.93 -2.44 -0.17	21.46 -2.44 -0.24	22.11 -1.72 0.00	20.37 -2.26 -0.03	18.72 -2.07 -0.07	19.59 -1.43 -0.01	18.75 -2.14 -0.08	19.07 -2.26 -0.17	19.05 -2.31 -0.39	20.17 -2.42 -0.57	20.31 -2.55 -0.49	19.05 -2.64 -0.40	19.57 -1.98 0.00	18.75 -1.52 0.00
BLUESTONE___WT_PWR 323821	20.64 1.40 0.00	19.34 1.23 -0.27	18.57 1.11 -0.07	17.14 1.03 -0.09	18.90 1.25 0.00	20.40 1.53 0.00	25.26 2.19 0.00	24.08 2.11 -1.26	26.58 2.26 -0.52	27.42 2.48 -0.60	26.84 2.30 -0.34	26.40 2.27 -0.46	26.19 2.36 0.00	24.72 2.06 -0.07	22.66 1.80 -0.14	22.89 1.87 -0.02	21.88 0.91 -0.15	22.45 0.97 -0.31	22.71 1.03 -0.72	24.30 1.23 -1.04	24.40 1.12 -0.91	22.96 0.94 -0.73	22.61 1.06 -0.01	21.33 1.05 0.00
BLUE_CIRC_CHEM_DRP 24182	20.04 0.81 0.00	19.41 0.77 -0.80	18.35 0.75 -0.21	16.98 0.67 -0.29	18.40 0.76 0.00	19.66 0.79 0.00	23.90 0.83 0.00	29.42 0.72 -7.99	27.92 0.83 -3.28	29.02 0.85 -3.84	27.17 0.80 -2.17	27.35 0.76 -2.93	24.59 0.76 0.00	23.75 0.72 -0.43	22.24 0.64 -0.88	21.82 0.69 -0.12	22.51 0.69 -1.01	23.96 0.70 -2.09	26.53 0.71 -4.86	29.83 0.75 -7.06	29.31 0.78 -6.16	26.97 0.72 -4.94	22.38 0.78 -0.06	20.94 0.67 0.00
BOC_GAS_DRP 24189	19.97 0.73 0.00	19.32 0.66 -0.81	18.26 0.66 -0.21	16.90 0.59 -0.29	18.31 0.67 0.00	19.57 0.70 0.00	23.88 0.81 0.00	29.55 0.72 -8.11	27.97 0.83 -3.33	29.11 0.88 -3.90	27.25 0.85 -2.20	27.46 0.83 -2.97	24.69 0.86 0.00	23.85 0.81 -0.44	22.36 0.75 -0.89	21.91 0.78 -0.12	22.61 0.77 -1.02	24.06 0.76 -2.13	26.63 0.73 -4.93	29.96 0.77 -7.17	29.41 0.78 -6.25	27.04 0.72 -5.02	22.34 0.73 -0.06	20.92 0.65 0.00
BOONVILLE_115KV_TB1 79983	18.90 0.13 0.47	17.71 0.12 0.26	17.33 0.19 0.25	16.04 0.16 0.14	17.62 0.21 0.23	19.07 0.15 -0.05	22.79 0.28 0.55	20.73 0.31 0.29	23.80 0.29 0.29	24.32 0.34 0.36	24.62 0.31 -0.11	24.25 0.31 -0.27	24.74 0.33 -0.58	23.47 0.32 -0.56	21.50 0.25 -0.53	21.37 0.23 -0.13	21.18 0.21 -0.15	21.54 0.21 -0.16	21.29 0.25 -0.07	22.27 0.33 0.08	22.66 0.29 0.00	21.53 0.23 0.00	21.78 0.24 0.00	20.48 0.20 0.00
BORALEX_4TH_BRANCH 23824	20.26 1.02 0.00	19.66 1.00 -0.81	18.58 0.97 -0.21	17.21 0.90 -0.29	18.68 1.04 0.00	19.85 0.98 0.00	24.50 1.43 0.00	29.97 1.22 -8.04	28.40 1.29 -3.30	29.49 1.29 -3.86	27.74 1.36 -2.18	27.86 1.25 -2.94	25.07 1.24 0.00	24.25 1.22 -0.44	22.72 1.12 -0.89	22.26 1.13 -0.12	23.03 1.21 -1.01	24.55 1.27 -2.11	27.13 1.28 -4.89	30.49 1.37 -7.10	29.91 1.34 -6.20	27.49 1.21 -4.97	22.77 1.16 -0.06	21.25 0.97 0.00
BOWLINE___1 23526	20.64 1.40 0.00	19.74 1.25 -0.64	18.79 1.23 -0.17	17.40 1.15 -0.23	18.90 1.25 0.00	20.17 1.30 0.00	24.87 1.80 0.00	28.50 1.57 -6.22	28.22 1.86 -2.55	29.17 1.85 -2.99	27.75 1.86 -1.68	27.79 1.85 -2.28	25.71 1.88 0.00	24.69 1.76 -0.34	23.04 1.64 -0.68	22.76 1.66 -0.09	23.26 1.67 -0.78	24.49 1.69 -1.63	26.42 1.68 -3.78	29.28 1.76 -5.49	28.91 1.75 -4.79	26.78 1.64 -3.85	23.21 1.62 -0.05	21.72 1.44 0.00
BOWLINE___2 23595	20.64 1.40 0.00	19.74 1.25 -0.64	18.79 1.23 -0.17	17.40 1.15 -0.23	18.90 1.25 0.00	20.17 1.30 0.00	24.87 1.80 0.00	28.52 1.59 -6.22	28.22 1.86 -2.55	29.17 1.85 -2.99	27.75 1.86 -1.69	27.79 1.85 -2.28	25.71 1.88 0.00	24.69 1.76 -0.34	23.04 1.64 -0.68	22.76 1.66 -0.09	23.26 1.67 -0.78	24.49 1.69 -1.63	26.42 1.68 -3.78	29.28 1.76 -5.49	28.91 1.75 -4.79	26.78 1.64 -3.85	23.21 1.62 -0.05	21.72 1.44 0.00
BRADY___115KV_TB2 356060	9.60 -0.62 9.02	10.57 -0.55 6.72	10.43 -0.56 6.40	10.50 -0.51 5.00	10.95 -0.55 6.15	14.98 -0.58 3.30	12.19 -0.69 10.19	12.91 -0.66 7.14	15.46 -0.83 7.51	15.25 -0.85 8.23	20.06 -0.85 3.29	21.34 -0.85 1.48	24.69 -0.91 -1.77	23.47 -0.84 -1.71	21.57 -0.77 -1.61	17.51 -0.84 2.66	17.50 -0.83 2.49	17.82 -0.83 2.52	16.78 -0.78 3.41	20.15 -0.77 1.10	21.59 -0.78 0.00	20.60 -0.70 0.00	20.84 -0.71 0.00	19.55 -0.73 0.00
BRANSCOMB___SOLAR 323811	20.04 0.81 0.00	19.50 0.82 -0.83	18.37 0.76 -0.22	16.99 0.67 -0.30	18.44 0.79 0.00	19.68 0.81 0.00	24.20 1.13 0.00	29.88 0.95 -8.22	28.28 1.10 -3.38	29.47 1.19 -3.95	27.57 1.14 -2.23	27.79 1.11 -3.01	24.88 1.05 0.00	23.99 0.95 -0.45	22.47 0.85 -0.91	22.03 0.90 -0.13	22.74 0.89 -1.03	24.23 0.91 -2.15	26.93 0.96 -5.00	30.32 1.04 -7.26	29.80 1.10 -6.34	27.41 1.02 -5.09	22.58 0.97 -0.06	21.07 0.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.45 2.21 -0.01	20.50 1.98 -0.67	19.51 1.95 -0.17	18.08 1.83 -0.24	19.64 1.99 0.00	20.91 2.04 0.00	25.87 2.79 -0.01	29.78 2.44 -6.63	29.96 2.79 -3.37	30.33 2.82 -3.17	28.77 2.78 -1.79	28.85 2.74 -2.44	27.98 2.79 -1.36	27.55 2.58 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.44 -3.83	28.30 2.52 -4.61	28.95 2.49 -5.49	31.06 2.62 -6.42	30.15 2.66 -5.11	28.83 2.47 -5.06	25.13 2.46 -1.13	22.55 2.25 -0.02

BRISTLHL_115KV_TB1 79998	18.81 -0.42 0.00	17.54 -0.37 -0.07	17.04 -0.37 -0.02	15.69 -0.35 -0.02	17.26 -0.39 0.00	18.51 -0.36 0.00	22.50 -0.14 0.43	20.72 0.00 -0.01	23.63 0.02 0.20	24.17 0.05 0.21	24.18 0.07 0.10	23.74 0.07 0.00	23.90 0.07 0.00	22.63 0.02 -0.02	20.75 0.00 -0.04	20.81 -0.04 0.15	20.42 -0.44 -0.04	20.80 -0.44 -0.08	20.71 -0.44 -0.19	21.83 -0.46 -0.27	22.16 -0.45 -0.24	21.06 -0.43 -0.19	21.14 -0.41 0.00	19.97 -0.30 0.00
BROOKHAVEN___DRP 24191	21.53 2.29 -0.01	20.59 2.07 -0.67	19.60 2.03 -0.17	18.20 1.94 -0.24	19.74 2.10 0.00	20.96 2.09 0.00	26.03 2.95 -0.01	29.88 2.55 -6.63	30.01 2.83 -3.37	30.35 2.85 -3.17	28.85 2.86 -1.79	29.02 2.91 -2.44	28.12 2.93 -1.36	27.64 2.67 -2.38	26.10 2.40 -2.98	24.72 2.54 -1.18	27.12 2.48 -3.83	28.51 2.73 -4.62	29.22 2.73 -5.53	31.33 2.84 -6.46	30.38 2.89 -5.12	28.91 2.56 -5.06	25.13 2.46 -1.13	22.59 2.29 -0.02
BROOKLYN_NAVY_YARD 23515	21.02 1.75 -0.03	20.06 1.53 -0.68	19.07 1.50 -0.18	17.68 1.41 -0.25	19.17 1.52 -0.01	20.48 1.60 -0.01	25.28 2.19 -0.02	33.74 1.99 -11.04	37.77 2.33 -11.63	45.12 2.36 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.96 2.19 -11.18	33.98 2.05 -11.21	33.93 2.10 -10.83	34.00 2.08 -11.10	35.74 2.12 -12.46	36.03 2.10 -12.97	35.94 2.20 -11.71	34.06 2.19 -9.49	30.26 2.02 -6.94	28.49 2.02 -4.91	22.07 1.78 -0.01
BROOKLYN___ARMY_DRP 323595	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
BROOKVLE_69_KV_TB1 55790	21.16 1.92 0.00	20.21 1.70 -0.67	19.23 1.67 -0.17	17.81 1.55 -0.24	19.34 1.69 0.00	20.64 1.77 0.00	25.47 2.40 0.00	29.44 2.11 -6.62	29.63 2.45 -3.37	30.06 2.55 -3.17	28.56 2.57 -1.79	28.61 2.51 -2.44	27.71 2.53 -1.36	27.34 2.37 -2.37	25.89 2.20 -2.98	24.40 2.23 -1.17	26.87 2.23 -3.83	28.02 2.24 -4.61	28.66 2.22 -5.47	30.76 2.33 -6.40	29.83 2.35 -5.11	28.52 2.17 -5.05	24.82 2.15 -1.12	22.22 1.93 -0.02
BROOME_2_LFGE 323671	19.35 0.12 0.00	18.09 0.02 -0.23	17.50 0.05 -0.06	16.13 0.03 -0.08	17.77 0.12 0.00	19.06 0.19 0.00	23.23 0.16 0.00	21.83 0.04 -1.08	24.32 0.07 -0.45	24.90 0.05 -0.52	24.54 0.05 -0.29	24.11 0.05 -0.40	24.02 0.19 0.00	22.68 0.02 -0.06	20.86 0.02 -0.12	21.17 0.15 -0.02	20.95 0.00 -0.14	21.45 0.00 -0.29	21.63 0.00 -0.66	23.01 0.02 -0.96	23.21 0.00 -0.84	21.91 -0.06 -0.67	21.60 0.04 -0.01	20.46 0.18 0.00
BROOME___LFGE 323600	19.35 0.12 0.00	18.09 0.02 -0.23	17.50 0.05 -0.06	16.13 0.03 -0.08	17.77 0.12 0.00	19.06 0.19 0.00	23.23 0.16 0.00	21.83 0.04 -1.08	24.32 0.07 -0.45	24.90 0.05 -0.52	24.54 0.05 -0.29	24.11 0.05 -0.40	24.02 0.19 0.00	22.68 0.02 -0.06	20.86 0.02 -0.12	21.17 0.15 -0.02	20.95 0.00 -0.14	21.45 0.00 -0.29	21.63 0.00 -0.66	23.01 0.02 -0.96	23.21 0.00 -0.84	21.91 -0.06 -0.67	21.60 0.04 -0.01	20.46 0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	14.04 -0.77 4.43	14.12 -0.71 3.01	13.91 -0.63 2.85	13.42 -0.58 2.02	14.34 -0.62 2.68	17.31 -0.75 0.80	17.21 -0.83 5.03	16.76 -0.77 3.19	19.53 -1.00 3.28	19.64 -0.97 3.72	22.68 -0.97 0.56	23.35 -0.90 -0.58	25.54 -0.95 -2.67	24.27 -0.90 -2.58	22.30 -0.85 -2.43	19.77 -0.95 0.29	19.64 -1.00 0.18	20.02 -0.97 0.17	19.28 -0.92 0.76	20.50 -0.88 0.64	21.48 -0.89 0.00	20.49 -0.81 0.00	20.75 -0.80 0.00	19.48 -0.79 0.00
BROWNSV1_27_KV_LOAD 356125	21.19 1.92 -0.03	20.19 1.68 -0.67	19.22 1.65 -0.17	17.81 1.55 -0.24	19.30 1.66 0.00	20.62 1.75 0.00	25.48 2.40 -0.02	33.90 2.15 -11.04	37.96 2.52 -11.63	45.34 2.58 -18.42	36.13 2.57 -9.37	36.15 2.53 -9.95	36.43 2.57 -10.03	36.19 2.42 -11.18	34.16 2.24 -11.21	34.12 2.29 -10.83	34.19 2.27 -11.10	35.93 2.31 -12.46	36.22 2.29 -12.97	36.14 2.40 -11.71	34.26 2.39 -9.49	30.45 2.22 -6.94	28.68 2.22 -4.91	22.24 1.97 0.00
BURROWS___LYONSDAL 23803	18.41 0.00 0.83	17.32 -0.02 0.51	16.99 0.09 0.49	15.77 0.06 0.31	17.30 0.11 0.45	18.84 0.00 0.03	22.23 0.12 0.96	20.32 0.17 0.56	23.34 0.10 0.56	23.81 0.15 0.66	24.34 0.10 -0.04	24.08 0.12 -0.29	24.71 0.12 -0.76	23.44 0.11 -0.73	21.49 0.08 -0.69	21.13 0.04 -0.09	20.95 0.02 -0.12	21.34 0.04 -0.13	21.05 0.08 0.00	22.07 0.18 0.13	22.50 0.13 0.00	21.38 0.09 0.00	21.63 0.09 0.00	20.32 0.04 0.00
CAITHNESS_CC_1 323624	21.50 2.25 -0.02	20.57 2.05 -0.68	19.57 2.00 -0.18	18.17 1.91 -0.25	19.71 2.06 -0.01	20.95 2.08 -0.01	25.95 2.86 -0.02	29.84 2.50 -6.63	29.99 2.81 -3.37	30.29 2.77 -3.18	28.83 2.83 -1.80	28.99 2.89 -2.44	28.07 2.88 -1.36	27.61 2.64 -2.38	26.08 2.38 -2.98	24.68 2.50 -1.18	27.10 2.46 -3.83	28.47 2.69 -4.62	29.16 2.66 -5.53	31.26 2.77 -6.46	30.31 2.82 -5.12	28.87 2.51 -5.06	25.11 2.43 -1.13	22.55 2.25 -0.02
CALPINE BETH_PAGE_GT4 24209	21.26 2.02 0.00	20.30 1.78 -0.67	19.32 1.76 -0.17	17.89 1.63 -0.24	19.43 1.78 0.00	20.72 1.85 0.00	25.59 2.51 0.00	29.53 2.20 -6.62	29.70 2.52 -3.37	30.11 2.60 -3.17	28.58 2.59 -1.79	28.61 2.51 -2.44	27.74 2.55 -1.36	27.34 2.37 -2.38	25.89 2.20 -2.98	24.45 2.27 -1.17	26.89 2.25 -3.83	28.07 2.29 -4.61	28.73 2.29 -5.48	30.81 2.38 -6.40	29.90 2.42 -5.11	28.57 2.22 -5.06	24.89 2.22 -1.12	22.30 2.01 -0.02
CALPINE_BETH_PAGE_GT_4 323586	21.27 2.02 -0.01	20.31 1.78 -0.68	19.31 1.74 -0.18	17.90 1.63 -0.25	19.43 1.78 -0.01	20.73 1.85 -0.01	25.58 2.49 -0.01	29.53 2.19 -6.62	29.70 2.52 -3.37	30.09 2.58 -3.18	28.59 2.59 -1.80	28.64 2.53 -2.44	27.74 2.55 -1.36	27.34 2.37 -2.38	25.89 2.20 -2.98	24.45 2.27 -1.17	26.89 2.25 -3.83	28.07 2.29 -4.61	28.73 2.29 -5.48	30.81 2.38 -6.40	29.90 2.42 -5.11	28.57 2.21 -5.06	24.89 2.22 -1.12	22.30 2.01 -0.02
CALPINE_BP_GT1 23823	21.27 2.02 -0.01	20.31 1.78 -0.68	19.31 1.74 -0.18	17.90 1.63 -0.25	19.43 1.78 -0.01	20.73 1.85 -0.01	25.58 2.49 -0.01	29.53 2.19 -6.62	29.70 2.52 -3.37	30.09 2.58 -3.18	28.59 2.59 -1.80	28.64 2.53 -2.44	27.74 2.55 -1.36	27.34 2.37 -2.38	25.89 2.20 -2.98	24.45 2.27 -1.17	26.89 2.25 -3.83	28.07 2.29 -4.61	28.73 2.29 -5.48	30.81 2.38 -6.40	29.90 2.42 -5.11	28.57 2.21 -5.06	24.89 2.22 -1.12	22.30 2.01 -0.02
CALSPAN___DRP 24200	18.50 -0.73 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.33 -0.74 -0.05	17.08 -0.56 0.00	18.38 -0.49 0.00	21.87 -1.20 0.00	20.26 -1.06 -0.60	22.89 -1.17 -0.25	23.36 -1.27 -0.29	23.13 -1.23 -0.16	22.63 -1.25 -0.22	22.97 -0.86 0.00	21.57 -1.06 -0.03	19.77 -1.02 -0.07	20.38 -0.63 -0.01	19.85 -1.04 -0.08	20.23 -1.10 -0.16	20.20 -1.13 -0.37	21.37 -1.19 -0.54	21.52 -1.32 -0.47	20.22 -1.45 -0.37	20.43 -1.12 0.00	19.65 -0.63 0.00

CALVERTON___SOLAR 323806	21.58 2.33 -0.02	20.63 2.10 -0.68	19.64 2.07 -0.18	18.24 1.97 -0.25	19.79 2.13 -0.01	21.01 2.13 -0.01	26.04 2.95 -0.02	29.92 2.59 -6.63	30.06 2.88 -3.37	30.36 2.85 -3.18	28.93 2.93 -1.80	29.09 2.98 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.12 2.42 -2.98	24.72 2.54 -1.18	27.16 2.52 -3.83	28.58 2.79 -4.62	29.29 2.79 -5.53	31.39 2.91 -6.46	30.45 2.95 -5.12	28.95 2.60 -5.06	25.17 2.50 -1.13	22.61 2.31 -0.02
CANDIGU_WT_PWR 323617	18.52 -0.71 0.00	17.22 -0.78 -0.16	16.77 -0.66 -0.04	15.42 -0.66 -0.06	17.13 -0.51 0.00	18.43 -0.43 0.00	22.22 -0.85 0.00	20.66 -0.83 -0.77	23.20 -0.93 -0.32	23.76 -0.95 -0.37	23.47 -0.94 -0.21	22.98 -0.97 -0.28	23.11 -0.71 0.00	21.67 -0.97 -0.04	19.87 -0.93 -0.09	20.41 -0.61 -0.01	20.02 -0.89 -0.10	20.44 -0.93 -0.20	20.47 -0.96 -0.47	21.72 -0.99 -0.68	21.92 -1.05 -0.60	20.63 -1.15 -0.48	20.65 -0.90 -0.01	19.69 -0.59 0.00
CARR STREET_E_SYR 24060	18.99 -0.25 0.00	17.69 -0.23 -0.07	17.18 -0.23 -0.02	15.84 -0.21 -0.03	17.41 -0.23 0.00	18.68 -0.19 0.00	22.77 -0.30 0.00	20.84 -0.21 -0.34	23.73 -0.21 -0.14	24.28 -0.22 -0.16	24.10 -0.19 -0.09	23.60 -0.19 -0.13	23.64 -0.19 0.00	22.41 -0.20 -0.02	20.57 -0.19 -0.04	20.80 -0.21 -0.01	20.61 -0.25 -0.04	21.02 -0.23 -0.09	20.91 -0.25 -0.20	22.05 -0.26 -0.29	22.36 -0.27 -0.25	21.25 -0.25 -0.20	21.31 -0.24 0.00	20.15 -0.12 0.00
CARTHAGE___PAPER 23857	16.89 -0.50 1.85	16.17 -0.46 1.21	15.88 -0.35 1.17	14.87 -0.34 0.81	16.21 -0.34 1.10	18.11 -0.47 0.29	20.56 -0.37 2.14	19.24 -0.29 1.18	22.00 -0.50 1.31	22.37 -0.46 1.50	23.54 -0.51 0.15	23.53 -0.50 -0.36	24.52 -0.52 -1.22	23.26 -0.52 -1.19	21.35 -0.50 -1.13	20.36 -0.57 0.08	20.20 -0.62 -0.01	20.67 -0.55 -0.05	20.35 -0.46 0.15	21.56 -0.33 0.13	22.11 -0.38 -0.12	20.99 -0.41 -0.10	21.14 -0.41 0.00	19.85 -0.43 0.00
CASSADAGA_WT_PWR 323784	18.31 -0.92 0.00	16.84 -1.14 -0.13	16.42 -1.01 -0.03	15.07 -0.99 -0.05	16.92 -0.72 0.00	18.23 -0.64 0.00	21.76 -1.31 0.00	20.04 -1.30 -0.63	22.59 -1.48 -0.26	23.06 -1.58 -0.30	22.80 -1.57 -0.17	22.24 -1.66 -0.23	22.69 -1.14 0.00	21.07 -1.56 -0.03	19.34 -1.45 -0.07	20.03 -0.99 -0.01	19.36 -1.54 -0.08	19.77 -1.57 -0.17	19.74 -1.61 -0.38	20.93 -1.65 -0.56	21.00 -1.86 -0.49	19.69 -2.00 -0.39	19.98 -1.57 0.00	19.14 -1.14 0.00
CE_DUNWOOD___DRP 24194	20.83 1.60 0.00	19.92 1.41 -0.67	18.96 1.39 -0.17	17.56 1.30 -0.24	19.05 1.41 0.00	20.34 1.47 0.00	25.10 2.03 0.00	29.10 1.80 -6.59	28.61 2.09 -2.71	29.62 2.12 -3.17	28.09 2.11 -1.79	28.18 2.11 -2.41	25.97 2.14 0.00	24.96 2.01 -0.36	23.31 1.86 -0.73	23.00 1.89 -0.10	23.54 1.89 -0.83	24.82 1.93 -1.73	26.86 1.89 -4.01	29.83 1.98 -5.82	29.44 1.99 -5.08	27.21 1.83 -4.08	23.43 1.83 -0.05	21.90 1.62 0.00
CE_MILLWOOD___DRP 24193	20.79 1.56 0.00	19.89 1.37 -0.67	18.92 1.36 -0.17	17.52 1.27 -0.24	19.02 1.38 0.00	20.30 1.43 0.00	25.03 1.96 0.00	29.03 1.74 -6.58	28.53 2.02 -2.70	29.54 2.04 -3.16	28.04 2.06 -1.78	28.11 2.04 -2.41	25.90 2.07 0.00	24.89 1.94 -0.36	23.25 1.80 -0.72	22.95 1.85 -0.10	23.47 1.83 -0.83	24.75 1.86 -1.72	26.81 1.84 -4.00	29.75 1.92 -5.81	29.36 1.92 -5.07	27.16 1.79 -4.07	23.39 1.79 -0.05	21.86 1.58 0.00
CE_NYC2_DRP 24202	21.02 1.75 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.68 1.43 -0.24	19.23 1.59 0.00	20.49 1.62 0.00	25.25 2.17 -0.02	33.70 1.91 -11.09	37.69 2.17 -11.72	45.10 2.19 -18.58	35.85 2.20 -9.45	35.87 2.18 -10.03	36.17 2.22 -10.13	35.96 2.08 -11.29	33.98 1.95 -11.31	33.94 2.00 -10.93	34.02 2.00 -11.21	35.74 2.01 -12.57	36.02 1.99 -13.06	35.87 2.07 -11.77	33.99 2.08 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.06 1.78 0.00
CE_NYC_DRP 24195	21.06 1.79 -0.03	20.09 1.57 -0.67	19.11 1.55 -0.17	17.72 1.46 -0.24	19.21 1.57 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.75 2.01 -11.03	37.75 2.33 -11.61	45.11 2.38 -18.39	35.93 2.37 -9.35	35.95 2.34 -9.94	36.22 2.38 -10.00	35.99 2.24 -11.15	33.98 2.07 -11.18	33.93 2.12 -10.80	34.00 2.10 -11.08	35.74 2.14 -12.44	36.03 2.12 -12.95	35.93 2.20 -11.70	34.07 2.21 -9.49	30.27 2.04 -6.93	28.50 2.05 -4.90	22.10 1.82 0.00
CHAFFEE___LFGE 323603	18.56 -0.67 0.00	17.14 -0.84 -0.13	16.71 -0.71 -0.03	15.35 -0.72 -0.05	17.15 -0.49 0.00	18.45 -0.42 0.00	21.99 -1.08 0.00	20.32 -1.01 -0.62	22.94 -1.12 -0.26	23.44 -1.19 -0.30	23.18 -1.19 -0.17	22.69 -1.21 -0.23	23.11 -0.71 0.00	21.57 -1.06 -0.03	19.83 -0.95 -0.07	20.51 -0.50 -0.01	19.90 -1.00 -0.08	20.27 -1.06 -0.16	20.25 -1.09 -0.38	21.45 -1.12 -0.55	21.57 -1.27 -0.48	20.28 -1.41 -0.38	20.54 -1.01 0.00	19.71 -0.57 0.00
CHATEAUG_35_KV_LOAD 355732	-7.25 -1.29 25.20	-7.41 -1.20 24.06	-7.31 -1.17 23.53	-7.39 -1.06 22.35	-7.22 -1.18 23.68	-7.41 -1.26 25.02	-6.94 -1.50 28.51	-7.07 -1.39 26.39	-6.98 -1.62 29.17	-7.01 -1.65 29.69	-7.37 -1.67 29.90	-7.56 -1.68 29.55	-7.66 -1.74 29.75	-7.77 -1.63 28.73	-7.84 -1.49 27.07	-7.71 -1.55 27.16	-7.78 -1.52 27.08	-7.77 -1.52 27.41	-7.50 -1.51 26.96	19.44 -1.41 1.17	21.07 -1.30 0.00	20.19 -1.11 0.00	20.51 -1.03 0.00	19.26 -1.01 0.00
CHATEAUG_WT_PWR 323614	-6.71 -1.48 24.47	-6.72 -1.36 23.20	-6.61 -1.32 22.68	-6.65 -1.22 21.45	-6.50 -1.34 22.80	-6.39 -1.43 23.83	-6.34 -1.73 27.68	-6.30 -1.57 25.44	-6.11 -1.83 28.08	-6.17 -1.87 28.63	-6.08 -1.86 28.42	-6.14 -1.87 27.94	-5.96 -1.93 27.86	-6.10 -1.79 26.91	-6.29 -1.66 25.35	-6.52 -1.74 25.79	-6.59 -1.71 25.69	-6.56 -1.71 26.01	-6.37 -1.68 25.66	19.28 -1.54 1.20	20.96 -1.41 0.00	20.13 -1.17 0.00	20.45 -1.10 0.00	19.20 -1.08 0.00
CHAT_HIGH_FALL_HYD 323578	-7.25 -1.29 25.20	-7.41 -1.20 24.06	-7.31 -1.17 23.53	-7.39 -1.06 22.35	-7.22 -1.18 23.68	-7.41 -1.26 25.02	-6.94 -1.50 28.51	-7.07 -1.39 26.39	-6.98 -1.62 29.17	-7.01 -1.65 29.69	-7.37 -1.67 29.90	-7.56 -1.68 29.55	-7.66 -1.74 29.75	-7.77 -1.63 28.73	-7.84 -1.49 27.07	-7.71 -1.55 27.16	-7.78 -1.52 27.08	-7.77 -1.52 27.41	-7.50 -1.51 26.96	19.44 -1.41 1.17	21.07 -1.30 0.00	20.19 -1.11 0.00	20.51 -1.03 0.00	19.26 -1.01 0.00
CHAUTAUQUA___LFGE 323629	18.62 -0.62 0.00	17.19 -0.78 -0.13	16.76 -0.66 -0.03	15.41 -0.66 -0.05	17.18 -0.46 0.00	18.51 -0.36 0.00	22.10 -0.97 0.00	20.42 -0.91 -0.62	23.04 -1.02 -0.26	23.51 -1.12 -0.30	23.26 -1.11 -0.17	22.73 -1.16 -0.23	23.09 -0.74 0.00	21.57 -1.06 -0.03	19.83 -0.95 -0.07	20.45 -0.57 -0.01	19.87 -1.02 -0.08	20.27 -1.06 -0.16	20.25 -1.09 -0.38	21.45 -1.12 -0.55	21.57 -1.27 -0.48	20.26 -1.43 -0.38	20.48 -1.08 0.00	19.65 -0.63 0.00
CHERRYST_13_KV_LD 356241	21.10 1.83 -0.03	20.12 1.61 -0.67	19.15 1.58 -0.17	17.75 1.49 -0.24	19.25 1.61 0.00	20.57 1.70 0.00	25.39 2.31 -0.02	33.81 2.07 -11.03	37.84 2.43 -11.61	45.21 2.48 -18.39	36.02 2.47 -9.35	36.04 2.44 -9.94	36.31 2.48 -10.00	36.08 2.33 -11.15	34.06 2.15 -11.18	34.02 2.21 -10.80	34.08 2.19 -11.08	35.83 2.22 -12.44	36.10 2.18 -12.95	35.99 2.27 -11.70	34.14 2.28 -9.49	30.34 2.11 -6.93	28.56 2.11 -4.90	22.14 1.87 0.00

CHESTROR_138KV_BK263 355645	20.45 1.21 0.00	19.55 1.09 -0.61	18.61 1.06 -0.16	17.23 0.99 -0.22	18.74 1.09 0.00	20.00 1.13 0.00	24.64 1.57 0.00	27.93 1.37 -5.85	27.78 1.57 -2.40	28.72 1.58 -2.81	27.38 1.60 -1.59	27.37 1.56 -2.14	25.43 1.60 0.00	24.40 1.49 -0.32	22.75 1.39 -0.64	22.52 1.43 -0.09	22.97 1.42 -0.74	24.14 1.44 -1.53	25.95 1.43 -3.56	28.69 1.50 -5.17	28.38 1.50 -4.51	26.32 1.41 -3.62	22.97 1.38 -0.04	21.51 1.24 0.00
CH_MIDHUDSON___DRP 24192	20.79 1.56 0.00	19.92 1.41 -0.66	18.95 1.39 -0.17	17.54 1.28 -0.24	19.07 1.43 0.00	20.38 1.51 0.00	25.10 2.03 0.00	29.03 1.78 -6.54	28.59 2.09 -2.69	29.62 2.14 -3.14	28.06 2.08 -1.77	28.12 2.06 -2.40	25.93 2.10 0.00	24.89 1.94 -0.35	23.22 1.78 -0.72	22.93 1.83 -0.10	23.45 1.81 -0.82	24.72 1.84 -1.71	26.77 1.82 -3.98	29.76 1.96 -5.78	29.40 1.99 -5.04	27.24 1.90 -4.05	23.45 1.85 -0.05	21.94 1.66 0.00
CH_MISC_IPPS 23765	20.78 1.54 0.00	19.90 1.39 -0.66	18.94 1.37 -0.17	17.52 1.27 -0.24	19.04 1.39 0.00	20.36 1.49 0.00	25.05 1.98 0.00	28.92 1.76 -6.45	28.53 2.07 -2.65	29.55 2.12 -3.10	28.01 2.06 -1.75	28.06 2.04 -2.36	25.90 2.07 0.00	24.86 1.92 -0.35	23.21 1.78 -0.71	22.91 1.81 -0.10	23.42 1.79 -0.81	24.68 1.82 -1.69	26.67 1.78 -3.92	29.64 1.92 -5.70	29.29 1.95 -4.97	27.16 1.87 -3.99	23.43 1.83 -0.05	21.92 1.64 0.00
CH_RES_BVR_FALLS 23983	1.74 -0.67 16.82	4.18 -0.63 13.04	4.29 -0.61 12.49	5.33 -0.56 10.13	4.92 -0.63 12.09	10.53 -0.68 7.66	3.26 -0.81 19.00	6.04 -0.74 13.92	8.19 -0.83 14.78	7.51 -0.85 15.97	15.28 -0.82 8.10	17.71 -0.78 5.17	23.03 -0.79 0.01	21.87 -0.72 0.00	20.04 -0.68 0.00	13.48 -0.69 6.83	13.59 -0.67 6.56	13.84 -0.68 6.65	12.26 -0.67 8.03	19.45 -0.71 1.87	21.65 -0.72 0.00	20.62 -0.68 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
CH_RES_NIAGARA 23895	17.85 -1.38 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	20.99 -2.08 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.75 -1.85 -0.27	22.56 -1.79 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.29 -1.49 -0.06	19.59 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.76 -1.55 -0.34	20.85 -1.67 -0.50	21.02 -1.79 -0.43	19.75 -1.90 -0.35	19.63 -1.92 0.00	18.94 -1.34 0.00
CH_RES_SYRACUSE 23985	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.11 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 -0.02 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.04 -0.15 -0.22	22.20 -0.15 -0.33	22.52 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00
CLINTON_WT_PWR 323605	-6.71 -1.48 24.47	-6.72 -1.36 23.20	-6.61 -1.32 22.68	-6.65 -1.22 21.45	-6.50 -1.34 22.80	-6.39 -1.43 23.83	-6.34 -1.73 27.68	-6.30 -1.57 25.44	-6.11 -1.83 28.08	-6.17 -1.87 28.63	-6.08 -1.86 28.42	-6.14 -1.87 27.94	-5.96 -1.93 27.86	-6.10 -1.79 26.91	-6.29 -1.66 25.35	-6.52 -1.74 25.79	-6.59 -1.71 25.69	-6.56 -1.71 26.01	-6.37 -1.68 25.66	19.28 -1.54 1.20	20.96 -1.41 0.00	20.13 -1.17 0.00	20.45 -1.10 0.00	19.20 -1.08 0.00
CLINTON___LFGE 323618	-6.71 -1.23 24.71	-6.75 -1.11 23.49	-6.71 -1.13 22.97	-6.76 -1.03 21.76	-6.63 -1.18 23.10	-6.61 -1.25 24.23	-6.39 -1.50 27.96	-6.46 -1.41 25.76	-6.33 -1.69 28.45	-6.36 -1.70 28.99	-6.46 -1.74 28.92	-6.57 -1.75 28.48	-6.53 -1.86 28.50	-6.60 -1.67 27.52	-6.74 -1.53 25.93	-6.78 -1.53 26.25	-6.80 -1.46 26.16	-6.76 -1.44 26.48	-6.64 -1.51 26.10	19.27 -1.56 1.19	21.01 -1.37 0.00	20.19 -1.11 0.00	20.54 -1.01 0.00	19.26 -1.01 0.00
COBBLENY_34_KV_TB1 80064	18.56 -0.67 0.00	17.14 -0.84 -0.13	16.73 -0.70 -0.03	15.33 -0.74 -0.05	17.13 -0.51 0.00	18.45 -0.42 0.00	21.96 -1.11 0.00	20.32 -1.01 -0.62	22.94 -1.12 -0.26	23.44 -1.19 -0.30	23.21 -1.16 -0.17	22.69 -1.21 -0.23	23.11 -0.71 0.00	21.63 -0.99 -0.03	19.83 -0.95 -0.07	20.51 -0.50 -0.01	19.89 -1.00 -0.08	20.27 -1.06 -0.16	20.25 -1.09 -0.38	21.45 -1.12 -0.55	21.58 -1.28 -0.48	20.28 -1.41 -0.39	20.52 -1.03 0.00	19.71 -0.57 0.00
COFFEEN___115KV_TB3 355620	17.34 -0.37 1.53	16.50 -0.36 0.99	16.14 -0.30 0.96	15.07 -0.29 0.66	16.45 -0.28 0.91	18.29 -0.34 0.23	21.12 -0.16 1.79	19.72 -0.06 0.92	22.48 -0.26 1.07	22.90 -0.19 1.23	23.82 -0.27 0.11	23.75 -0.24 -0.32	24.56 -0.29 -1.01	23.29 -0.29 -0.99	21.35 -0.31 -0.95	20.58 -0.36 0.07	20.35 -0.48 -0.02	20.88 -0.36 -0.07	20.64 -0.25 0.08	21.90 -0.07 0.06	22.40 -0.11 -0.14	21.22 -0.19 -0.12	21.38 -0.17 0.00	20.09 -0.18 0.00
COLDSPRG_115KV_BK1 355956	18.93 -0.31 0.00	17.20 -0.79 -0.14	16.87 -0.56 -0.04	15.38 -0.69 -0.05	17.47 -0.18 0.00	18.83 -0.04 0.00	22.47 -0.60 0.00	20.53 -0.83 -0.65	23.17 -0.90 -0.27	23.67 -0.97 -0.31	23.41 -0.97 -0.18	22.89 -1.02 -0.24	23.59 -0.24 0.00	21.84 -0.79 -0.04	19.90 -0.89 -0.07	20.85 -0.17 -0.01	19.94 -0.96 -0.08	20.32 -1.02 -0.17	20.29 -1.07 -0.40	21.54 -1.06 -0.58	21.65 -1.23 -0.51	20.32 -1.38 -0.41	20.84 -0.71 0.00	19.97 -0.30 0.00
COLONIE_LFGE___ 323577	20.06 0.83 0.00	19.47 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.30	18.46 0.81 0.00	19.68 0.81 0.00	24.13 1.06 0.00	29.78 0.91 -8.16	28.18 1.02 -3.35	29.32 1.07 -3.92	27.48 1.06 -2.21	27.67 1.02 -2.99	24.85 1.02 0.00	24.01 0.97 -0.44	22.49 0.87 -0.90	22.03 0.90 -0.12	22.76 0.91 -1.03	24.26 0.95 -2.14	26.87 0.94 -4.96	30.24 1.01 -7.21	29.69 1.03 -6.29	27.28 0.94 -5.05	22.51 0.90 -0.06	21.05 0.77 0.00
COOPERNY_115KV_TB1 80082	20.14 0.90 0.00	19.15 0.80 -0.50	18.30 0.78 -0.13	16.94 0.74 -0.18	18.45 0.81 0.00	19.72 0.85 0.00	24.25 1.18 0.00	26.01 0.99 -4.31	26.74 1.17 -1.77	27.57 1.17 -2.07	26.56 1.19 -1.17	26.40 1.16 -1.58	25.02 1.19 0.00	23.94 1.11 -0.23	22.23 1.04 -0.47	22.12 1.05 -0.07	22.40 1.04 -0.54	23.36 1.06 -1.13	24.63 1.05 -2.62	26.93 1.10 -3.81	26.79 1.10 -3.32	24.99 1.02 -2.67	22.59 1.01 -0.03	21.19 0.91 0.00
COPENHAGEN_WT_PWR 323753	17.35 -0.44 1.44	16.49 -0.43 0.93	16.12 -0.37 0.90	15.06 -0.34 0.62	16.43 -0.35 0.86	18.23 -0.42 0.22	21.10 -0.28 1.70	19.69 -0.17 0.86	22.45 -0.36 1.00	22.88 -0.29 1.16	23.76 -0.34 0.11	23.67 -0.31 -0.31	24.43 -0.36 -0.96	23.20 -0.34 -0.94	21.24 -0.37 -0.90	20.52 -0.42 0.07	20.27 -0.56 -0.02	20.78 -0.47 -0.08	20.53 -0.38 0.06	21.74 -0.24 0.04	22.23 -0.29 -0.15	21.10 -0.32 -0.12	21.25 -0.30 0.00	19.97 -0.30 0.00
CORNELL_____ 23752	19.45 0.21 0.00	18.16 0.14 -0.18	17.59 0.16 -0.05	16.19 0.11 -0.06	17.84 0.19 0.00	19.17 0.30 0.00	23.42 0.35 0.00	21.90 0.35 -0.83	24.53 0.38 -0.34	25.10 0.36 -0.40	24.77 0.34 -0.23	24.32 0.35 -0.31	24.26 0.43 0.00	22.93 0.29 -0.05	21.06 0.25 -0.09	21.33 0.32 -0.01	21.13 0.21 -0.10	21.60 0.21 -0.22	21.70 0.23 -0.50	23.04 0.29 -0.73	23.30 0.29 -0.64	22.02 0.21 -0.51	21.81 0.26 -0.01	20.62 0.34 0.00

CORONA_69_KV_TB1 355595	21.16 1.92 0.00	20.21 1.70 -0.67	19.23 1.67 -0.17	17.81 1.55 -0.24	19.34 1.69 0.00	20.64 1.77 0.00	25.47 2.40 0.00	29.42 2.09 -6.62	29.57 2.40 -3.36	29.99 2.48 -3.17	28.46 2.47 -1.79	28.49 2.39 -2.44	27.61 2.43 -1.35	27.25 2.28 -2.37	25.81 2.11 -2.97	24.34 2.16 -1.17	26.80 2.16 -3.82	27.96 2.18 -4.61	28.59 2.16 -5.47	30.69 2.27 -6.40	29.76 2.28 -5.11	28.48 2.13 -5.05	24.80 2.13 -1.12	22.22 1.93 -0.01
CORTLAND_115KV_TB3 80093	19.56 0.33 0.00	18.19 0.29 -0.06	17.70 0.30 -0.02	16.28 0.24 -0.02	17.93 0.28 0.00	19.25 0.38 0.00	23.58 0.51 0.00	21.57 0.58 -0.28	24.56 0.64 -0.11	25.12 0.66 -0.13	24.90 0.63 -0.07	24.38 0.62 -0.10	24.50 0.67 0.00	23.17 0.56 -0.01	21.27 0.52 -0.03	21.49 0.48 0.00	21.33 0.48 -0.03	21.68 0.44 -0.07	21.59 0.46 -0.17	22.79 0.53 -0.24	23.10 0.51 -0.21	21.91 0.45 -0.17	22.00 0.45 0.00	20.74 0.47 0.00
COXSACKIE__GT 23611	20.47 1.23 0.00	19.63 1.02 -0.77	18.77 1.18 -0.20	17.29 0.99 -0.28	18.86 1.22 0.00	20.21 1.34 0.00	24.45 1.38 0.00	29.33 0.97 -7.65	28.07 1.12 -3.14	29.15 1.14 -3.68	27.12 0.85 -2.07	27.27 0.81 -2.80	24.83 1.00 0.00	23.82 0.81 -0.41	22.24 0.68 -0.84	22.05 0.92 -0.12	22.55 0.77 -0.96	24.02 0.85 -2.01	26.50 0.88 -4.65	29.84 1.06 -6.76	29.43 1.16 -5.90	27.18 1.15 -4.73	22.92 1.31 -0.06	21.43 1.16 0.00
CPV_VALLEY__CC1 323721	20.29 1.06 0.00	19.37 0.95 -0.57	18.46 0.92 -0.15	17.09 0.86 -0.21	18.60 0.95 0.00	19.85 0.98 0.00	24.43 1.36 0.00	27.20 1.18 -5.31	27.37 1.38 -2.18	28.25 1.36 -2.55	27.04 1.40 -1.44	26.98 1.37 -1.95	25.23 1.41 0.00	24.19 1.31 -0.29	22.53 1.22 -0.59	22.33 1.24 -0.08	22.71 1.23 -0.67	23.81 1.25 -1.39	25.43 1.24 -3.23	28.02 1.30 -4.69	27.76 1.30 -4.10	25.80 1.21 -3.29	22.79 1.21 -0.04	21.35 1.07 0.00
CPV_VALLEY__CC2 323722	20.29 1.06 0.00	19.37 0.95 -0.57	18.46 0.92 -0.15	17.09 0.86 -0.21	18.60 0.95 0.00	19.85 0.98 0.00	24.43 1.36 0.00	27.20 1.18 -5.31	27.37 1.38 -2.18	28.25 1.36 -2.55	27.04 1.40 -1.44	26.98 1.37 -1.95	25.23 1.41 0.00	24.19 1.31 -0.29	22.53 1.22 -0.59	22.33 1.24 -0.08	22.71 1.23 -0.67	23.81 1.25 -1.39	25.43 1.24 -3.23	28.02 1.30 -4.69	27.76 1.30 -4.10	25.80 1.21 -3.29	22.79 1.21 -0.04	21.35 1.07 0.00
CRESCENT__HYD 24018	20.06 0.83 0.00	19.47 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.30	18.46 0.81 0.00	19.68 0.81 0.00	24.13 1.06 0.00	29.78 0.91 -8.16	28.18 1.02 -3.35	29.32 1.07 -3.92	27.48 1.06 -2.21	27.67 1.02 -2.99	24.85 1.02 0.00	24.01 0.97 -0.44	22.49 0.87 -0.90	22.03 0.90 -0.12	22.76 0.91 -1.03	24.26 0.95 -2.14	26.87 0.94 -4.96	30.24 1.01 -7.21	29.69 1.03 -6.29	27.28 0.94 -5.05	22.51 0.90 -0.06	21.05 0.77 0.00
CRICKET__VALLEY_CC1 323756	20.50 1.27 0.00	19.72 1.18 -0.70	18.74 1.17 -0.18	17.36 1.09 -0.25	18.86 1.22 0.00	20.04 1.17 0.00	24.71 1.64 0.00	29.08 1.41 -6.96	28.26 1.60 -2.86	29.26 1.58 -3.35	27.73 1.65 -1.89	27.80 1.59 -2.55	25.43 1.60 0.00	24.51 1.54 -0.38	22.94 1.45 -0.77	22.58 1.47 -0.11	23.19 1.50 -0.88	24.52 1.52 -1.82	26.71 1.51 -4.23	29.76 1.59 -6.15	29.30 1.57 -5.37	27.03 1.43 -4.31	23.00 1.40 -0.05	21.51 1.24 0.00
CRICKET__VALLEY_CC2 323757	20.50 1.27 0.00	19.72 1.18 -0.70	18.74 1.17 -0.18	17.36 1.09 -0.25	18.86 1.22 0.00	20.04 1.17 0.00	24.71 1.64 0.00	29.08 1.41 -6.96	28.26 1.60 -2.86	29.26 1.58 -3.35	27.73 1.65 -1.89	27.80 1.59 -2.55	25.43 1.60 0.00	24.51 1.54 -0.38	22.94 1.45 -0.77	22.58 1.47 -0.11	23.19 1.50 -0.88	24.52 1.52 -1.82	26.71 1.51 -4.23	29.76 1.59 -6.15	29.30 1.57 -5.37	27.03 1.43 -4.31	23.00 1.40 -0.05	21.51 1.24 0.00
CRICKET__VALLEY_CC3 323758	20.50 1.27 0.00	19.72 1.18 -0.70	18.74 1.17 -0.18	17.36 1.09 -0.25	18.86 1.22 0.00	20.04 1.17 0.00	24.71 1.64 0.00	29.08 1.41 -6.96	28.26 1.60 -2.86	29.26 1.58 -3.35	27.73 1.65 -1.89	27.80 1.59 -2.55	25.43 1.60 0.00	24.51 1.54 -0.38	22.94 1.45 -0.77	22.58 1.47 -0.11	23.19 1.50 -0.88	24.52 1.52 -1.82	26.71 1.51 -4.23	29.76 1.59 -6.15	29.30 1.57 -5.37	27.03 1.43 -4.31	23.00 1.40 -0.05	21.51 1.24 0.00
CRUCIBLE_METL_DRP 24180	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.12 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 0.00 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.05 -0.15 -0.23	22.20 -0.15 -0.33	22.53 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00
DAHOWA__HYDRO 323763	20.01 0.77 0.00	19.47 0.78 -0.84	18.34 0.73 -0.22	16.96 0.64 -0.30	18.40 0.76 0.00	19.66 0.79 0.00	24.18 1.11 0.00	29.90 0.95 -8.23	28.29 1.10 -3.38	29.48 1.19 -3.96	27.57 1.14 -2.23	27.79 1.11 -3.02	24.88 1.05 0.00	23.97 0.93 -0.45	22.43 0.81 -0.91	22.01 0.88 -0.13	22.70 0.85 -1.04	24.21 0.89 -2.16	26.91 0.94 -5.01	30.31 1.01 -7.27	29.79 1.07 -6.35	27.41 1.02 -5.09	22.56 0.95 -0.06	21.05 0.77 0.00
DANC__LFGE 323619	17.84 -0.42 0.97	16.85 -0.39 0.60	16.44 -0.35 0.60	15.28 -0.34 0.41	16.72 -0.35 0.57	18.33 -0.40 0.14	21.64 -0.25 1.18	20.08 -0.14 0.49	22.90 -0.26 0.65	23.37 -0.20 0.77	23.93 -0.22 0.05	23.70 -0.21 -0.25	24.28 -0.21 -0.66	23.00 -0.25 -0.65	21.10 -0.25 -0.63	20.64 -0.31 0.06	20.33 -0.52 -0.04	20.81 -0.47 -0.11	20.60 -0.42 -0.05	21.76 -0.33 -0.06	22.22 -0.33 -0.18	21.10 -0.34 -0.15	21.23 -0.32 0.00	19.99 -0.28 0.00
DANSKAMMER__1 23586	20.78 1.54 0.00	19.90 1.39 -0.66	18.94 1.37 -0.17	17.52 1.27 -0.24	19.04 1.39 0.00	20.36 1.49 0.00	25.05 1.98 0.00	28.92 1.76 -6.45	28.53 2.07 -2.65	29.55 2.12 -3.10	28.01 2.06 -1.75	28.06 2.04 -2.36	25.90 2.07 0.00	24.86 1.92 -0.35	23.21 1.78 -0.71	22.91 1.81 -0.10	23.42 1.79 -0.81	24.68 1.82 -1.69	26.67 1.78 -3.92	29.64 1.92 -5.70	29.29 1.95 -4.97	27.16 1.87 -3.99	23.43 1.83 -0.05	21.92 1.64 0.00
DANSKAMMER__2 23589	20.78 1.54 0.00	19.90 1.39 -0.66	18.94 1.37 -0.17	17.52 1.27 -0.24	19.04 1.39 0.00	20.36 1.49 0.00	25.05 1.98 0.00	28.92 1.76 -6.45	28.53 2.07 -2.65	29.55 2.12 -3.10	28.01 2.06 -1.75	28.06 2.04 -2.36	25.90 2.07 0.00	24.86 1.92 -0.35	23.21 1.78 -0.71	22.91 1.81 -0.10	23.42 1.79 -0.81	24.68 1.82 -1.69	26.67 1.78 -3.92	29.64 1.92 -5.70	29.29 1.95 -4.97	27.16 1.87 -3.99	23.43 1.83 -0.05	21.92 1.64 0.00
DANSKAMMER__3 23590	20.78 1.54 0.00	19.90 1.39 -0.66	18.94 1.37 -0.17	17.52 1.27 -0.24	19.04 1.39 0.00	20.36 1.49 0.00	25.05 1.98 0.00	28.92 1.76 -6.45	28.53 2.07 -2.65	29.55 2.12 -3.10	28.01 2.06 -1.75	28.06 2.04 -2.36	25.90 2.07 0.00	24.86 1.92 -0.35	23.21 1.78 -0.71	22.91 1.81 -0.10	23.42 1.79 -0.81	24.68 1.82 -1.69	26.67 1.78 -3.92	29.64 1.92 -5.70	29.29 1.95 -4.97	27.16 1.87 -3.99	23.43 1.83 -0.05	21.92 1.64 0.00

DANSKAMMER___4 23591	20.78 1.54 0.00	19.90 1.39 -0.66	18.94 1.37 -0.17	17.52 1.27 -0.24	19.04 1.39 0.00	20.36 1.49 0.00	25.05 1.98 0.00	28.92 1.76 -6.45	28.53 2.07 -2.65	29.55 2.12 -3.10	28.01 2.06 -1.75	28.06 2.04 -2.36	25.90 2.07 0.00	24.86 1.92 -0.35	23.21 1.78 -0.71	22.91 1.81 -0.10	23.42 1.79 -0.81	24.68 1.82 -1.69	26.67 1.78 -3.92	29.64 1.92 -5.70	29.29 1.95 -4.97	27.16 1.87 -3.99	23.43 1.83 -0.05	21.92 1.64 0.00
DANSKAMMER___DIESEL 23592	20.77 1.54 0.00	19.90 1.39 -0.66	18.94 1.37 -0.17	17.52 1.27 -0.24	19.04 1.39 0.00	20.36 1.49 0.00	25.08 2.01 0.00	28.92 1.76 -6.45	28.53 2.07 -2.65	29.55 2.12 -3.10	28.01 2.06 -1.75	28.06 2.04 -2.36	25.90 2.07 0.00	24.86 1.92 -0.35	23.21 1.78 -0.71	22.91 1.81 -0.10	23.42 1.79 -0.81	24.68 1.82 -1.69	26.67 1.78 -3.92	29.64 1.92 -5.70	29.29 1.95 -4.97	27.16 1.87 -3.99	23.43 1.83 -0.05	21.92 1.64 0.00
DARBY___SOLAR 323810	20.04 0.81 0.00	19.50 0.82 -0.83	18.37 0.76 -0.22	16.99 0.67 -0.30	18.44 0.79 0.00	19.68 0.81 0.00	24.20 1.13 0.00	29.91 0.97 -8.22	28.30 1.12 -3.38	29.50 1.22 -3.95	27.62 1.19 -2.23	27.81 1.14 -3.01	24.93 1.10 0.00	24.03 0.99 -0.45	22.49 0.87 -0.91	22.05 0.92 -0.13	22.76 0.91 -1.03	24.28 0.95 -2.16	26.95 0.99 -5.00	30.32 1.04 -7.26	29.80 1.10 -6.34	27.43 1.04 -5.09	22.58 0.97 -0.06	21.09 0.81 0.00
DASHVILLE___HYD 23610	20.66 1.42 0.00	19.47 0.95 -0.68	18.82 1.25 -0.18	17.21 0.95 -0.24	18.93 1.29 0.00	20.19 1.32 0.00	24.91 1.85 0.00	28.75 1.37 -6.68	28.15 1.59 -2.74	29.17 1.63 -3.21	27.61 1.60 -1.81	27.72 1.61 -2.45	25.71 1.88 0.00	24.54 1.58 -0.36	22.88 1.43 -0.74	22.75 1.64 -0.10	23.09 1.44 -0.84	24.38 1.46 -1.75	26.47 1.45 -4.06	29.46 1.54 -5.90	29.06 1.54 -5.15	26.90 1.47 -4.13	23.30 1.70 -0.05	21.82 1.54 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.78 2.54 -0.01	20.84 2.32 -0.67	19.84 2.28 -0.17	18.42 2.16 -0.24	19.99 2.35 0.00	21.21 2.34 0.00	26.35 3.28 -0.01	30.19 2.86 -6.63	30.37 3.19 -3.37	30.72 3.21 -3.17	29.26 3.27 -1.79	29.42 3.31 -2.44	28.48 3.29 -1.36	27.95 2.98 -2.38	26.33 2.63 -2.98	24.98 2.79 -1.18	27.39 2.75 -3.83	28.85 3.07 -4.62	29.58 3.08 -5.53	31.72 3.24 -6.46	30.76 3.27 -5.12	29.23 2.88 -5.06	25.41 2.74 -1.13	22.85 2.55 -0.02
DELAWARE___LFGE 323621	20.01 0.77 0.00	18.81 0.66 -0.31	18.11 0.64 -0.08	16.71 0.58 -0.11	18.33 0.69 0.00	19.64 0.77 0.00	24.11 1.04 0.00	22.95 0.79 -1.45	25.31 0.90 -0.60	25.98 0.95 -0.70	25.51 0.92 -0.39	25.12 0.92 -0.53	24.83 1.00 0.00	23.53 0.86 -0.08	21.65 0.77 -0.16	21.85 0.82 -0.02	21.71 0.71 -0.18	22.28 0.74 -0.37	22.57 0.73 -0.87	24.10 0.81 -1.26	24.26 0.78 -1.10	22.89 0.70 -0.89	22.31 0.75 -0.01	21.01 0.73 0.00
DERFIELD_115KV_TB7 355931	19.94 0.17 -0.53	18.42 0.16 -0.41	17.94 0.16 -0.40	16.48 0.14 -0.32	18.19 0.16 -0.38	19.28 0.17 -0.24	23.87 0.21 -0.60	21.33 0.19 -0.44	24.48 0.21 -0.46	25.05 0.22 -0.50	24.67 0.22 -0.25	24.06 0.24 -0.16	24.07 0.24 0.00	22.82 0.23 0.00	20.93 0.21 0.00	21.43 0.21 -0.21	21.23 0.21 -0.21	21.59 0.21 -0.21	21.43 0.21 -0.26	22.32 0.24 -0.06	22.59 0.22 0.00	21.51 0.21 0.00	21.76 0.22 0.00	20.46 0.18 0.00
DOGLEVILLE___HYD 23807	19.25 -0.52 -0.53	17.78 -0.48 -0.41	17.32 -0.47 -0.40	15.89 -0.45 -0.32	17.55 -0.48 -0.38	18.58 -0.53 -0.24	23.09 -0.58 -0.60	20.65 -0.50 -0.44	23.72 -0.55 -0.46	24.37 -0.46 -0.50	24.07 -0.39 -0.25	23.49 -0.33 -0.16	23.54 -0.28 0.00	22.30 -0.29 0.00	20.39 -0.33 0.00	20.84 -0.38 -0.21	20.69 -0.33 -0.21	21.08 -0.30 -0.21	20.95 -0.27 -0.26	21.82 -0.26 -0.06	22.08 -0.29 0.00	21.02 -0.28 0.00	21.27 -0.28 0.00	19.97 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	18.64 -0.60 0.00	17.23 -0.75 -0.13	16.82 -0.61 -0.03	15.42 -0.64 -0.05	17.22 -0.42 0.00	18.53 -0.34 0.00	22.08 -0.99 0.00	20.44 -0.89 -0.62	23.09 -0.98 -0.26	23.54 -1.09 -0.30	23.30 -1.06 -0.17	22.78 -1.11 -0.23	23.11 -0.71 0.00	21.68 -0.95 -0.03	19.86 -0.93 -0.07	20.47 -0.55 -0.01	19.92 -0.98 -0.08	20.32 -1.02 -0.16	20.30 -1.05 -0.38	21.49 -1.08 -0.55	21.62 -1.23 -0.48	20.32 -1.36 -0.39	20.50 -1.06 0.00	19.69 -0.59 0.00
DUNKIRK___1 23563	18.64 -0.60 0.00	17.23 -0.75 -0.13	16.82 -0.61 -0.03	15.42 -0.64 -0.05	17.22 -0.42 0.00	18.53 -0.34 0.00	22.08 -0.99 0.00	20.44 -0.89 -0.62	23.09 -0.98 -0.26	23.54 -1.09 -0.30	23.30 -1.06 -0.17	22.78 -1.11 -0.23	23.11 -0.71 0.00	21.68 -0.95 -0.03	19.86 -0.93 -0.07	20.47 -0.55 -0.01	19.92 -0.98 -0.08	20.32 -1.02 -0.16	20.30 -1.05 -0.38	21.49 -1.08 -0.55	21.62 -1.23 -0.48	20.32 -1.36 -0.39	20.50 -1.06 0.00	19.69 -0.59 0.00
DUNKIRK___2 23564	18.64 -0.60 0.00	17.23 -0.75 -0.13	16.82 -0.61 -0.03	15.42 -0.64 -0.05	17.22 -0.42 0.00	18.53 -0.34 0.00	22.08 -0.99 0.00	20.44 -0.89 -0.62	23.09 -0.98 -0.26	23.54 -1.09 -0.30	23.30 -1.06 -0.17	22.78 -1.11 -0.23	23.11 -0.71 0.00	21.68 -0.95 -0.03	19.86 -0.93 -0.07	20.47 -0.55 -0.01	19.92 -0.98 -0.08	20.32 -1.02 -0.16	20.30 -1.05 -0.38	21.49 -1.08 -0.55	21.62 -1.23 -0.48	20.32 -1.36 -0.39	20.50 -1.06 0.00	19.69 -0.59 0.00
DUNKIRK___3 23565	18.60 -0.63 0.00	17.19 -0.79 -0.13	16.78 -0.64 -0.03	15.39 -0.67 -0.05	17.18 -0.46 0.00	18.49 -0.38 0.00	22.03 -1.04 0.00	20.38 -0.95 -0.62	23.01 -1.05 -0.25	23.49 -1.14 -0.30	23.26 -1.11 -0.17	22.73 -1.16 -0.23	23.09 -0.74 0.00	21.63 -0.99 -0.03	19.81 -0.97 -0.07	20.45 -0.57 -0.01	19.89 -1.00 -0.08	20.27 -1.06 -0.16	20.27 -1.07 -0.38	21.47 -1.10 -0.55	21.60 -1.25 -0.48	20.30 -1.38 -0.38	20.50 -1.06 0.00	19.69 -0.59 0.00
DUNKIRK___4 23566	18.60 -0.63 0.00	17.19 -0.79 -0.13	16.78 -0.64 -0.03	15.39 -0.67 -0.05	17.18 -0.46 0.00	18.49 -0.38 0.00	22.03 -1.04 0.00	20.38 -0.95 -0.62	23.01 -1.05 -0.25	23.49 -1.14 -0.30	23.26 -1.11 -0.17	22.73 -1.16 -0.23	23.09 -0.74 0.00	21.63 -0.99 -0.03	19.81 -0.97 -0.07	20.45 -0.57 -0.01	19.89 -1.00 -0.08	20.27 -1.06 -0.16	20.27 -1.07 -0.38	21.47 -1.10 -0.55	21.60 -1.25 -0.48	20.30 -1.38 -0.38	20.50 -1.06 0.00	19.69 -0.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.89 1.65 0.00	19.96 1.45 -0.67	18.99 1.43 -0.17	17.60 1.35 -0.24	19.09 1.45 0.00	20.38 1.51 0.00	25.17 2.10 0.00	29.16 1.84 -6.60	28.69 2.17 -2.71	29.70 2.19 -3.17	28.17 2.18 -1.79	28.26 2.18 -2.42	26.05 2.22 0.00	25.03 2.08 -0.36	23.37 1.93 -0.73	23.06 1.95 -0.10	23.60 1.96 -0.83	24.89 1.99 -1.73	26.93 1.95 -4.02	29.91 2.05 -5.84	29.52 2.06 -5.09	27.28 1.90 -4.09	23.49 1.90 -0.05	21.96 1.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.60 1.37 0.00	19.70 1.21 -0.64	18.76 1.20 -0.17	17.35 1.11 -0.23	18.88 1.24 0.00	20.17 1.30 0.00	24.82 1.75 0.00	28.45 1.53 -6.20	28.14 1.79 -2.55	29.14 1.82 -2.98	27.67 1.79 -1.68	27.71 1.77 -2.27	25.64 1.81 0.00	24.63 1.69 -0.34	22.96 1.55 -0.68	22.70 1.60 -0.09	23.18 1.58 -0.78	24.40 1.61 -1.63	26.33 1.59 -3.77	29.20 1.70 -5.48	28.85 1.70 -4.78	26.76 1.62 -3.84	23.19 1.59 -0.05	21.69 1.42 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.90 1.65 -0.01	20.14 1.62 -0.67	19.11 1.55 -0.17	17.60 1.35 -0.24	19.27 1.62 0.00	20.45 1.58 0.00	25.14 2.05 -0.02	29.26 1.80 -6.75	28.85 2.02 -3.02	30.06 2.02 -3.70	28.31 2.06 -2.05	28.38 2.04 -2.68	26.25 2.07 -0.35	25.27 1.94 -0.73	23.63 1.82 -1.09	23.35 1.87 -0.47	23.87 1.87 -1.18	25.15 1.88 -2.10	27.15 1.87 -4.32	30.00 1.94 -6.03	29.56 1.95 -5.24	27.33 1.85 -4.18	23.61 1.85 -0.21	21.98 1.70 0.00
E179THST_13_KV_LOAD 356214	20.96 1.71 -0.01	20.19 1.68 -0.67	19.16 1.60 -0.17	17.65 1.39 -0.24	19.32 1.68 0.00	20.51 1.64 0.00	25.23 2.15 -0.02	29.35 1.88 -6.75	28.95 2.12 -3.02	30.18 2.14 -3.70	28.40 2.15 -2.05	28.49 2.15 -2.68	26.34 2.17 -0.35	25.38 2.06 -0.73	23.73 1.93 -1.09	23.45 1.97 -0.47	23.96 1.96 -1.18	25.24 1.97 -2.10	27.24 1.95 -4.32	30.11 2.05 -6.03	29.67 2.06 -5.24	27.44 1.96 -4.18	23.72 1.96 -0.21	22.06 1.78 0.00
EAST HAMPTON___GT 23717	21.89 2.64 -0.02	20.93 2.41 -0.68	19.94 2.36 -0.18	18.48 2.21 -0.25	20.09 2.44 -0.01	21.29 2.42 -0.01	26.41 3.32 -0.02	30.30 2.96 -6.63	30.53 3.36 -3.37	30.82 3.31 -3.18	29.41 3.41 -1.80	29.56 3.45 -2.44	28.57 3.38 -1.36	28.02 3.05 -2.38	26.39 2.69 -2.98	24.98 2.79 -1.18	27.44 2.79 -3.83	28.92 3.13 -4.62	29.68 3.19 -5.53	31.83 3.35 -6.46	30.85 3.35 -5.12	29.34 2.98 -5.06	25.50 2.82 -1.13	22.93 2.63 -0.02
EAST RIVER___6 23660	21.10 1.83 -0.03	20.11 1.59 -0.68	19.14 1.57 -0.18	17.74 1.47 -0.25	19.24 1.59 -0.01	20.55 1.68 -0.01	25.39 2.31 -0.02	33.81 2.07 -11.03	37.87 2.45 -11.61	45.21 2.48 -18.39	36.05 2.49 -9.35	36.06 2.46 -9.94	36.33 2.50 -10.00	36.10 2.35 -11.15	34.08 2.17 -11.18	34.04 2.23 -10.80	34.10 2.21 -11.08	35.85 2.24 -12.44	36.12 2.20 -12.95	36.01 2.29 -11.70	34.14 2.28 -9.49	30.34 2.11 -6.93	28.56 2.11 -4.90	22.15 1.86 -0.01
EAST RIVER___7 23524	21.10 1.83 -0.03	20.11 1.59 -0.68	19.14 1.57 -0.18	17.74 1.47 -0.25	19.24 1.59 -0.01	20.55 1.68 -0.01	25.39 2.31 -0.02	33.81 2.07 -11.03	37.87 2.45 -11.61	45.21 2.48 -18.39	36.05 2.49 -9.35	36.06 2.46 -9.94	36.33 2.50 -10.00	36.10 2.35 -11.15	34.08 2.17 -11.18	34.04 2.23 -10.80	34.10 2.21 -11.08	35.85 2.24 -12.44	36.12 2.20 -12.95	36.01 2.29 -11.70	34.14 2.28 -9.49	30.34 2.11 -6.93	28.56 2.11 -4.90	22.15 1.86 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.83 1.60 0.00	19.92 1.41 -0.67	18.96 1.39 -0.17	17.56 1.30 -0.24	19.05 1.41 0.00	20.34 1.47 0.00	25.10 2.03 0.00	29.10 1.80 -6.59	28.61 2.09 -2.71	29.62 2.12 -3.17	28.09 2.11 -1.79	28.18 2.11 -2.41	25.97 2.14 0.00	24.96 2.01 -0.36	23.31 1.86 -0.73	23.00 1.89 -0.10	23.54 1.89 -0.83	24.82 1.93 -1.73	26.86 1.89 -4.01	29.83 1.98 -5.82	29.44 1.99 -5.08	27.21 1.83 -4.08	23.43 1.83 -0.05	21.90 1.62 0.00
EAST_HAMPTON___DIESEL 23722	21.87 2.62 -0.02	20.93 2.41 -0.68	19.92 2.35 -0.18	18.48 2.21 -0.25	20.09 2.44 -0.01	21.29 2.42 -0.01	26.38 3.30 -0.02	30.30 2.96 -6.63	30.53 3.36 -3.37	30.82 3.31 -3.18	29.39 3.39 -1.80	29.54 3.43 -2.44	28.55 3.36 -1.36	28.02 3.05 -2.38	26.37 2.67 -2.98	24.95 2.77 -1.18	27.41 2.77 -3.83	28.92 3.13 -4.62	29.67 3.17 -5.53	31.81 3.33 -6.46	30.83 3.33 -5.12	29.31 2.96 -5.06	25.47 2.80 -1.13	22.91 2.62 -0.02
EAST_POINT___SOLAR 323840	20.60 1.37 0.00	20.13 1.28 -1.00	18.85 1.20 -0.26	17.45 1.07 -0.36	18.93 1.29 0.00	20.32 1.45 0.00	25.05 1.98 0.00	31.54 1.68 -9.15	29.52 1.95 -3.76	30.70 1.97 -4.40	28.57 1.89 -2.48	28.96 1.94 -3.35	25.74 1.91 0.00	24.78 1.69 -0.50	23.05 1.33 -1.01	22.59 1.45 -0.14	23.34 1.37 -1.15	25.05 1.48 -2.40	28.06 1.53 -5.56	31.76 1.65 -8.08	31.14 1.72 -7.05	28.68 1.73 -5.66	23.32 1.70 -0.07	21.80 1.52 0.00
EAST_PULASKI___ESR 323781	18.20 -0.37 0.67	17.04 -0.34 0.46	16.59 -0.31 0.48	15.35 -0.29 0.38	16.84 -0.32 0.48	18.22 -0.34 0.31	22.05 -0.09 0.93	20.32 0.00 0.39	23.16 -0.05 0.60	23.72 0.02 0.64	23.91 0.02 0.32	23.57 0.05 0.14	23.85 0.02 0.00	22.61 0.00 -0.02	20.71 -0.04 -0.03	20.57 -0.10 0.33	20.13 -0.46 0.23	20.55 -0.42 0.19	20.41 -0.40 0.15	21.82 -0.37 -0.17	22.22 -0.36 -0.21	21.15 -0.32 -0.17	21.23 -0.32 0.00	20.03 -0.24 0.00
EAST_RIVER___1 323558	21.06 1.79 -0.03	20.09 1.57 -0.68	19.12 1.55 -0.18	17.72 1.46 -0.25	19.22 1.57 -0.01	20.52 1.64 -0.01	25.32 2.24 -0.02	33.75 2.01 -11.03	37.75 2.33 -11.61	45.08 2.36 -18.39	35.93 2.37 -9.35	35.95 2.34 -9.94	36.22 2.38 -10.00	35.99 2.24 -11.15	33.98 2.07 -11.18	33.93 2.12 -10.80	34.00 2.10 -11.08	35.74 2.14 -12.44	36.03 2.12 -12.95	35.93 2.20 -11.70	34.07 2.22 -9.49	30.27 2.04 -6.93	28.50 2.05 -4.90	22.11 1.83 -0.01
EAST_RIVER___2 323559	21.10 1.83 -0.03	20.11 1.59 -0.68	19.14 1.57 -0.18	17.74 1.47 -0.25	19.24 1.59 -0.01	20.55 1.68 -0.01	25.39 2.31 -0.02	33.81 2.07 -11.03	37.87 2.45 -11.61	45.21 2.48 -18.39	36.05 2.49 -9.35	36.06 2.46 -9.94	36.33 2.50 -10.00	36.10 2.35 -11.15	34.08 2.17 -11.18	34.04 2.23 -10.80	34.10 2.21 -11.08	35.85 2.24 -12.44	36.12 2.20 -12.95	36.01 2.29 -11.70	34.14 2.28 -9.49	30.34 2.11 -6.93	28.56 2.11 -4.90	22.15 1.86 -0.01
EAST___DELAWARE_HYD 23607	20.83 1.60 0.00	19.89 1.44 -0.60	18.99 1.44 -0.16	17.55 1.31 -0.21	19.13 1.48 0.00	20.45 1.59 0.00	25.17 2.10 0.00	28.12 1.84 -5.57	28.26 2.17 -2.29	29.25 2.24 -2.68	27.86 2.15 -1.51	27.81 2.11 -2.04	25.88 2.05 0.00	24.70 1.81 -0.30	22.99 1.66 -0.61	22.79 1.70 -0.08	23.22 1.71 -0.70	24.38 1.76 -1.46	26.09 1.74 -3.39	28.86 1.92 -4.92	28.59 1.92 -4.29	26.60 1.85 -3.45	23.38 1.79 -0.04	21.92 1.64 0.00
EIGHT_POINT___WT_PWR 323820	18.18 -1.06 0.00	16.89 -1.11 -0.15	16.47 -0.96 -0.04	15.14 -0.93 -0.05	16.87 -0.78 0.00	18.17 -0.70 0.00	21.89 -1.18 0.00	20.34 -1.10 -0.73	22.96 -1.14 -0.30	23.61 -1.07 -0.35	23.38 -1.02 -0.20	22.84 -1.09 -0.27	22.83 -1.00 0.00	21.37 -1.26 -0.04	19.53 -1.26 -0.08	20.24 -0.78 -0.01	19.82 -1.08 -0.09	20.28 -1.08 -0.19	20.11 -1.30 -0.44	21.35 -1.32 -0.64	21.55 -1.39 -0.56	20.26 -1.49 -0.45	20.37 -1.19 -0.01	19.44 -0.83 0.00
ELBRIDGE_115KV_TB2 80188	19.02 -0.21 0.00	17.72 -0.21 -0.09	17.22 -0.19 -0.02	15.86 -0.19 -0.03	17.43 -0.21 0.00	18.70 -0.17 0.00	22.79 -0.28 0.00	20.93 -0.19 -0.41	23.78 -0.19 -0.17	24.33 -0.19 -0.19	24.12 -0.19 -0.11	23.65 -0.17 -0.15	23.66 -0.17 0.00	22.41 -0.20 -0.02	20.58 -0.19 -0.04	20.82 -0.19 -0.01	20.64 -0.23 -0.05	21.04 -0.23 -0.11	20.96 -0.25 -0.24	22.11 -0.26 -0.36	22.41 -0.27 -0.31	21.29 -0.26 -0.25	21.31 -0.24 0.00	20.15 -0.12 0.00
ELEC_TRO_TEK 24086	21.06 1.83 0.00	20.14 1.62 -0.67	19.16 1.60 -0.17	17.76 1.51 -0.24	19.27 1.62 0.00	20.57 1.70 0.00	25.38 2.31 0.00	29.32 1.99 -6.62	29.46 2.29 -3.37	29.89 2.38 -3.17	28.36 2.37 -1.79	28.40 2.30 -2.44	27.50 2.31 -1.36	27.14 2.17 -2.37	25.70 2.01 -2.97	24.23 2.06 -1.17	26.70 2.06 -3.82	27.85 2.07 -4.61	28.49 2.05 -5.47	30.58 2.16 -6.40	29.65 2.17 -5.11	28.35 2.00 -5.05	24.69 2.03 -1.12	22.10 1.80 -0.01

ELLENBURG_WT_PWR 323604	-6.71 -1.48 24.47	-6.72 -1.36 23.20	-6.61 -1.32 22.68	-6.65 -1.22 21.45	-6.50 -1.34 22.80	-6.39 -1.43 23.83	-6.34 -1.73 27.68	-6.30 -1.57 25.44	-6.11 -1.83 28.08	-6.17 -1.87 28.63	-6.08 -1.86 28.42	-6.14 -1.87 27.94	-5.96 -1.93 27.86	-6.10 -1.79 26.91	-6.29 -1.66 25.35	-6.52 -1.74 25.79	-6.59 -1.71 25.69	-6.56 -1.71 26.01	-6.37 -1.68 25.66	19.28 -1.54 1.20	20.96 -1.41 0.00	20.13 -1.17 0.00	20.45 -1.10 0.00	19.20 -1.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.39 -0.85 0.00	17.11 -0.86 -0.12	16.66 -0.77 -0.03	15.31 -0.75 -0.04	16.97 -0.67 0.00	18.26 -0.60 0.00	21.71 -1.36 0.00	20.22 -1.08 -0.59	22.86 -1.19 -0.24	23.30 -1.31 -0.28	23.10 -1.26 -0.16	22.58 -1.30 -0.22	22.80 -1.02 0.00	21.50 -1.13 -0.03	19.73 -1.06 -0.07	20.26 -0.76 -0.01	19.83 -1.06 -0.07	20.18 -1.14 -0.16	20.17 -1.15 -0.36	21.34 -1.21 -0.52	21.49 -1.34 -0.46	20.20 -1.47 -0.37	20.28 -1.27 0.00	19.53 -0.75 0.00
EMPIRE_CC_1 323656	20.10 0.87 0.00	19.46 0.82 -0.79	18.40 0.80 -0.21	17.04 0.74 -0.28	18.47 0.83 0.00	19.70 0.83 0.00	24.11 1.04 0.00	29.54 0.89 -7.94	28.09 1.02 -3.26	29.19 1.05 -3.81	27.39 1.04 -2.15	27.56 0.99 -2.91	24.85 1.02 0.00	24.00 0.97 -0.43	22.48 0.89 -0.87	22.05 0.92 -0.12	22.75 0.94 -1.00	24.20 0.95 -2.08	26.71 0.92 -4.82	30.03 0.99 -7.01	29.47 0.98 -6.12	27.10 0.89 -4.91	22.51 0.90 -0.06	21.05 0.77 0.00
EMPIRE_CC_2 323658	20.10 0.87 0.00	19.46 0.82 -0.79	18.40 0.80 -0.21	17.04 0.74 -0.28	18.47 0.83 0.00	19.70 0.83 0.00	24.11 1.04 0.00	29.54 0.89 -7.94	28.09 1.02 -3.26	29.19 1.05 -3.81	27.39 1.04 -2.15	27.56 0.99 -2.91	24.85 1.02 0.00	24.00 0.97 -0.43	22.48 0.89 -0.87	22.05 0.92 -0.12	22.75 0.94 -1.00	24.20 0.95 -2.08	26.71 0.92 -4.82	30.03 0.99 -7.01	29.47 0.98 -6.12	27.10 0.89 -4.91	22.51 0.90 -0.06	21.05 0.77 0.00
ENORWICH_115KV_TB1 80156	20.31 1.08 0.00	18.99 0.91 -0.24	18.27 0.82 -0.06	16.86 0.75 -0.08	18.61 0.97 0.00	20.11 1.25 0.00	24.91 1.85 0.00	23.70 1.86 -1.13	26.22 1.95 -0.46	26.99 2.12 -0.54	26.47 1.96 -0.31	25.99 1.92 -0.41	25.83 2.00 0.00	24.37 1.72 -0.06	22.36 1.51 -0.12	22.60 1.58 -0.02	21.91 0.96 -0.14	22.49 1.04 -0.28	22.77 1.15 -0.65	24.38 1.41 -0.95	24.49 1.30 -0.83	23.03 1.06 -0.66	22.74 1.19 -0.01	21.45 1.18 0.00
ERIE_ST_34_KV_TB1-2 80199	18.70 -0.54 0.00	16.99 -0.98 -0.13	16.68 -0.75 -0.03	15.20 -0.87 -0.05	17.24 -0.41 0.00	18.57 -0.30 0.00	22.12 -0.95 0.00	20.18 -1.14 -0.61	22.79 -1.26 -0.25	23.26 -1.36 -0.29	23.06 -1.31 -0.17	22.54 -1.35 -0.22	23.30 -0.52 0.00	21.59 -1.04 -0.03	19.69 -1.10 -0.07	20.68 -0.34 -0.01	19.79 -1.10 -0.08	20.14 -1.19 -0.16	20.12 -1.22 -0.37	21.31 -1.26 -0.54	21.43 -1.41 -0.47	20.14 -1.53 -0.38	20.69 -0.86 0.00	19.85 -0.43 0.00
ERIE_WT_PWR 323693	18.52 -0.71 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.36 -0.70 -0.05	17.10 -0.55 0.00	18.40 -0.47 0.00	21.92 -1.15 0.00	20.28 -1.03 -0.60	22.91 -1.14 -0.25	23.41 -1.22 -0.29	23.16 -1.21 -0.16	22.65 -1.23 -0.22	22.99 -0.83 0.00	21.52 -1.11 -0.03	19.79 -0.99 -0.07	20.40 -0.61 -0.01	19.87 -1.02 -0.08	20.22 -1.10 -0.16	20.22 -1.11 -0.37	21.39 -1.17 -0.53	21.54 -1.30 -0.46	20.24 -1.43 -0.37	20.48 -1.08 0.00	19.65 -0.63 0.00
ESPRGFLD_115KV_TB1 80157	20.39 1.15 0.00	18.94 1.04 -0.06	18.38 0.97 -0.02	16.92 0.88 -0.02	18.68 1.04 0.00	20.08 1.21 0.00	24.75 1.68 0.00	22.25 1.41 -0.13	25.45 1.59 -0.05	26.05 1.65 -0.06	25.83 1.60 -0.03	25.32 1.61 -0.05	25.50 1.67 0.00	24.07 1.47 -0.01	21.91 1.18 -0.01	22.29 1.28 0.00	21.98 1.14 -0.02	22.43 1.23 -0.03	22.29 1.26 -0.07	23.49 1.37 -0.11	23.85 1.39 -0.09	22.69 1.32 -0.07	22.88 1.34 0.00	21.53 1.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.43 0.19 0.00	18.15 0.12 -0.18	17.58 0.14 -0.05	16.19 0.11 -0.06	17.82 0.18 0.00	19.15 0.28 0.00	23.39 0.32 0.00	21.88 0.33 -0.83	24.51 0.36 -0.34	25.10 0.36 -0.40	24.77 0.34 -0.23	24.30 0.33 -0.31	24.23 0.41 0.00	22.91 0.27 -0.05	21.04 0.23 -0.09	21.31 0.29 -0.01	21.11 0.19 -0.10	21.60 0.21 -0.22	21.70 0.23 -0.50	23.04 0.29 -0.73	23.28 0.27 -0.64	22.00 0.19 -0.51	21.81 0.26 -0.01	20.60 0.32 0.00
ETNA____115KV_TB2 80207	19.43 0.19 0.00	18.15 0.12 -0.18	17.58 0.14 -0.05	16.19 0.11 -0.06	17.82 0.18 0.00	19.15 0.28 0.00	23.39 0.32 0.00	21.88 0.33 -0.83	24.51 0.36 -0.34	25.10 0.36 -0.40	24.77 0.34 -0.23	24.30 0.33 -0.31	24.23 0.41 0.00	22.91 0.27 -0.05	21.04 0.23 -0.09	21.31 0.29 -0.01	21.11 0.19 -0.10	21.60 0.21 -0.22	21.70 0.23 -0.50	23.04 0.29 -0.73	23.28 0.27 -0.64	22.00 0.19 -0.51	21.81 0.26 -0.01	20.60 0.32 0.00
EUCLID____115KV_TB2 356179	18.89 -0.35 0.00	17.61 -0.30 -0.07	17.11 -0.30 -0.02	15.77 -0.27 -0.02	17.33 -0.32 0.00	18.58 -0.28 0.00	22.63 -0.44 0.00	20.73 -0.31 -0.33	23.58 -0.36 -0.14	24.15 -0.34 -0.16	23.95 -0.34 -0.09	23.45 -0.33 -0.12	23.50 -0.33 0.00	22.27 -0.34 -0.02	20.44 -0.31 -0.04	20.70 -0.32 -0.01	20.50 -0.35 -0.04	20.92 -0.34 -0.09	20.81 -0.36 -0.20	21.94 -0.37 -0.29	22.24 -0.38 -0.25	21.14 -0.36 -0.20	21.21 -0.34 0.00	20.05 -0.22 0.00
E_CANADA_CAP_HY 24051	20.58 1.35 0.00	20.13 1.27 -1.02	18.84 1.18 -0.27	17.44 1.06 -0.36	18.91 1.27 0.00	20.28 1.42 0.00	25.01 1.94 0.00	31.59 1.66 -9.23	29.50 1.91 -3.79	30.71 1.95 -4.43	28.57 1.86 -2.50	28.94 1.89 -3.38	25.71 1.88 0.00	24.77 1.67 -0.50	23.02 1.29 -1.02	22.55 1.41 -0.14	23.31 1.33 -1.16	25.02 1.44 -2.42	28.06 1.49 -5.61	31.76 1.59 -8.15	28.68 1.68 -7.11	23.28 1.68 -5.70	21.76 1.66 -0.07	21.05 1.48 0.00
E_CANADA_MHWK_HY 24050	19.25 -0.52 -0.53	17.78 -0.48 -0.41	17.32 -0.47 -0.40	15.89 -0.45 -0.32	17.55 -0.48 -0.38	18.58 -0.53 -0.24	23.09 -0.58 -0.60	20.65 -0.50 -0.44	23.72 -0.55 -0.46	24.37 -0.46 -0.50	24.07 -0.39 -0.25	23.49 -0.33 -0.16	23.54 -0.28 0.00	22.30 -0.29 0.00	20.39 -0.33 0.00	20.84 -0.38 -0.21	20.69 -0.33 -0.21	21.08 -0.30 -0.21	20.95 -0.27 -0.26	21.82 -0.26 -0.06	22.08 -0.29 0.00	21.02 -0.28 0.00	21.27 -0.28 0.00	19.97 -0.30 0.00
E_FISHKILL____LBMP 23776	20.62 1.38 0.00	19.76 1.23 -0.68	18.78 1.22 -0.18	17.40 1.14 -0.24	18.90 1.25 0.00	20.15 1.28 0.00	24.82 1.75 0.00	29.00 1.55 -6.74	28.36 1.79 -2.77	29.37 1.80 -3.24	27.84 1.82 -1.83	27.93 1.80 -2.47	25.66 1.83 0.00	24.68 1.72 -0.36	23.06 1.60 -0.74	22.75 1.64 -0.10	23.31 1.64 -0.85	24.59 1.65 -1.77	26.70 1.64 -4.10	29.70 1.72 -5.96	29.29 1.72 -5.20	27.07 1.60 -4.17	23.17 1.57 -0.05	21.67 1.40 0.00
FALCON____SEABRD_CC1 323796	-6.77 -1.39 24.62	-6.81 -1.27 23.38	-6.76 -1.29 22.86	-6.78 -1.15 21.64	-6.70 -1.36 22.99	-6.64 -1.43 24.08	-6.54 -1.75 27.86	-6.57 -1.64 25.64	-6.45 -1.95 28.31	-6.49 -1.97 28.85	-6.52 -1.98 28.74	-6.58 -1.96 28.28	-6.50 -2.07 28.26	-6.57 -1.88 27.29	-6.69 -1.70 25.71	-6.75 -1.68 26.08	-6.80 -1.62 25.99	-6.75 -1.61 26.31	-6.67 -1.70 25.93	19.22 -1.61 1.19	20.96 -1.41 0.00	20.17 -1.13 0.00	20.54 -1.01 0.00	19.26 -1.01 0.00

FALCON___SEABRD_CC2 323797	-6.77 -1.39 24.62	-6.81 -1.27 23.38	-6.76 -1.29 22.86	-6.78 -1.15 21.64	-6.70 -1.36 22.99	-6.64 -1.43 24.08	-6.54 -1.75 27.86	-6.57 -1.64 25.64	-6.45 -1.95 28.31	-6.49 -1.97 28.85	-6.52 -1.98 28.74	-6.58 -1.96 28.28	-6.50 -2.07 28.26	-6.57 -1.88 27.29	-6.69 -1.70 25.71	-6.75 -1.68 26.08	-6.80 -1.62 25.99	-6.75 -1.61 26.31	-6.67 -1.70 25.93	19.22 -1.61 1.19	20.96 -1.41 0.00	20.17 -1.13 0.00	20.54 -1.01 0.00	19.26 -1.01 0.00
FAR ROCKAWAY___4 23548	21.29 2.06 0.00	20.34 1.82 -0.67	19.34 1.77 -0.17	17.91 1.65 -0.24	19.44 1.80 0.00	20.77 1.91 0.00	25.63 2.56 0.00	29.57 2.24 -6.62	29.74 2.57 -3.36	30.18 2.68 -3.17	28.68 2.69 -1.79	28.68 2.58 -2.44	27.80 2.62 -1.35	27.41 2.44 -2.37	25.95 2.26 -2.97	24.49 2.31 -1.17	26.95 2.31 -3.82	28.13 2.35 -4.61	28.76 2.33 -5.47	30.87 2.44 -6.40	29.94 2.46 -5.11	28.63 2.28 -5.05	24.95 2.28 -1.12	22.36 2.07 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.06 1.79 -0.03	20.09 1.57 -0.67	19.11 1.55 -0.17	17.72 1.46 -0.24	19.21 1.57 0.00	20.51 1.64 0.00	25.35 2.26 -0.02	33.76 2.01 -11.04	37.79 2.36 -11.63	45.14 2.38 -18.42	35.94 2.37 -9.37	35.96 2.34 -9.95	36.26 2.41 -10.03	36.01 2.24 -11.18	34.00 2.07 -11.21	33.95 2.12 -10.83	34.04 2.12 -11.10	35.76 2.14 -12.46	36.05 2.12 -12.97	35.96 2.22 -11.71	34.08 2.21 -9.49	30.28 2.04 -6.94	28.51 2.05 -4.91	22.10 1.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.06 1.79 -0.03	20.09 1.57 -0.67	19.11 1.55 -0.17	17.72 1.46 -0.24	19.21 1.57 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.76 2.01 -11.04	37.77 2.33 -11.63	45.12 2.36 -18.42	35.94 2.37 -9.37	35.96 2.34 -9.95	36.24 2.38 -10.03	36.01 2.24 -11.18	34.00 2.07 -11.21	33.95 2.12 -10.83	34.02 2.10 -11.10	35.76 2.14 -12.46	36.05 2.12 -12.97	35.94 2.20 -11.71	34.08 2.21 -9.49	30.28 2.04 -6.94	28.51 2.05 -4.91	22.10 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.04 1.77 -0.03	20.07 1.55 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.49 1.62 0.00	25.32 2.24 -0.02	33.74 1.99 -11.04	37.74 2.31 -11.63	45.12 2.36 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.99 2.21 -11.18	33.98 2.05 -11.21	33.93 2.10 -10.83	34.00 2.08 -11.10	35.74 2.12 -12.46	36.03 2.10 -12.97	35.92 2.18 -11.71	34.06 2.19 -9.49	30.26 2.02 -6.94	28.49 2.03 -4.91	22.08 1.80 0.00
FARRAGUT___LBMP 323566	21.02 1.75 -0.03	20.07 1.55 -0.67	19.10 1.53 -0.17	17.68 1.43 -0.24	19.20 1.55 0.00	20.49 1.62 0.00	25.30 2.21 -0.02	33.72 1.97 -11.04	37.74 2.31 -11.63	45.09 2.34 -18.42	35.89 2.32 -9.37	35.91 2.30 -9.95	36.19 2.34 -10.03	35.96 2.19 -11.18	33.96 2.03 -11.21	33.91 2.08 -10.83	34.00 2.08 -11.10	35.72 2.10 -12.46	36.01 2.08 -12.97	35.92 2.18 -11.71	34.04 2.17 -9.49	30.26 2.02 -6.94	28.46 2.00 -4.91	22.06 1.78 0.00
FENNER___WINDPWR 24204	19.64 0.40 0.00	18.25 0.36 -0.04	17.77 0.37 -0.01	16.34 0.30 -0.02	18.01 0.37 0.00	19.30 0.43 0.00	23.67 0.60 0.00	21.56 0.64 -0.20	24.55 0.67 -0.08	25.16 0.73 -0.10	24.96 0.70 -0.06	24.43 0.69 -0.07	24.57 0.74 0.00	23.26 0.66 -0.01	21.32 0.58 -0.02	21.58 0.57 0.00	21.40 0.56 -0.03	21.71 0.49 -0.06	21.60 0.50 -0.14	22.79 0.57 -0.20	23.10 0.56 -0.17	21.91 0.47 -0.14	22.05 0.50 0.00	20.74 0.47 0.00
FIBERTEK___ENERGY 23856	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.12 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 0.00 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.05 -0.15 -0.23	22.20 -0.15 -0.33	22.53 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00
FITZPATRICK____ 23598	18.68 -0.56 0.00	17.40 -0.50 -0.05	16.92 -0.49 -0.01	15.59 -0.45 -0.02	17.13 -0.51 0.00	18.36 -0.51 0.00	22.35 -0.72 0.00	20.33 -0.62 -0.25	23.19 -0.71 -0.10	23.72 -0.73 -0.12	23.54 -0.73 -0.07	23.04 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.14 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.06	20.46 -0.65 -0.15	21.56 -0.68 -0.22	21.86 -0.69 -0.19	20.83 -0.62 -0.15	20.95 -0.60 0.00	19.79 -0.49 0.00
FLOWRFLD_69_KV_BK1 356044	21.51 2.27 -0.01	20.55 2.03 -0.67	19.55 1.98 -0.17	18.13 1.87 -0.24	19.69 2.05 0.00	20.94 2.08 0.00	25.94 2.86 -0.01	29.84 2.51 -6.63	30.03 2.86 -3.37	30.38 2.87 -3.17	28.85 2.86 -1.79	28.95 2.84 -2.44	28.07 2.88 -1.36	27.64 2.67 -2.38	26.14 2.44 -2.98	24.72 2.54 -1.18	27.16 2.52 -3.83	28.45 2.67 -4.62	29.17 2.64 -5.56	31.27 2.75 -6.49	30.28 2.77 -5.13	28.89 2.53 -5.06	25.17 2.50 -1.13	22.59 2.29 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.81 1.58 0.00	19.93 1.43 -0.66	18.97 1.41 -0.17	17.54 1.28 -0.24	19.07 1.43 0.00	20.38 1.51 0.00	25.10 2.03 0.00	29.00 1.80 -6.49	28.59 2.12 -2.67	29.61 2.17 -3.12	28.06 2.11 -1.76	28.12 2.08 -2.38	25.95 2.12 0.00	24.91 1.97 -0.35	23.24 1.80 -0.71	22.95 1.85 -0.10	23.46 1.83 -0.82	24.71 1.84 -1.70	26.73 1.82 -3.94	29.71 1.96 -5.73	29.36 1.99 -5.00	27.23 1.92 -4.01	23.47 1.87 -0.05	21.94 1.66 0.00
FORT ORANGE____ 23900	20.12 0.89 0.00	19.48 0.82 -0.81	18.42 0.82 -0.21	17.05 0.74 -0.29	18.47 0.83 0.00	19.74 0.87 0.00	23.90 0.83 0.00	29.41 0.64 -8.06	27.90 0.78 -3.31	29.03 0.83 -3.87	27.11 0.73 -2.19	27.32 0.71 -2.95	24.61 0.79 0.00	23.78 0.74 -0.44	22.29 0.68 -0.89	21.88 0.76 -0.12	22.52 0.69 -1.01	23.98 0.70 -2.11	26.56 0.69 -4.90	29.87 0.73 -7.12	29.34 0.76 -6.21	26.97 0.68 -4.99	22.36 0.75 -0.06	20.90 0.63 0.00
FORT_DRUM_COGEN 23780	17.15 -0.46 1.63	16.36 -0.43 1.06	16.02 -0.35 1.02	14.98 -0.34 0.71	16.34 -0.34 0.97	18.18 -0.43 0.25	20.87 -0.30 1.90	19.52 -0.19 1.00	22.29 -0.38 1.14	22.70 -0.32 1.32	23.69 -0.39 0.13	23.64 -0.35 -0.33	24.50 -0.41 -1.08	23.26 -0.38 -1.05	21.33 -0.39 -1.00	20.47 -0.46 0.07	20.27 -0.56 -0.01	20.75 -0.49 -0.07	20.49 -0.38 0.10	21.70 -0.24 0.08	22.24 -0.27 -0.14	21.09 -0.32 -0.11	21.25 -0.30 0.00	19.97 -0.30 0.00
FOX_HILLS___ESR 323835	21.24 1.96 -0.04	20.30 1.78 -0.67	19.30 1.74 -0.17	17.86 1.60 -0.24	19.41 1.76 0.00	20.64 1.77 0.00	25.42 2.33 -0.02	33.83 2.03 -11.09	37.67 2.14 -11.72	45.08 2.17 -18.58	35.82 2.18 -9.45	35.85 2.15 -10.03	36.15 2.19 -10.13	35.98 2.10 -11.29	34.08 2.05 -11.31	34.06 2.12 -10.93	34.13 2.10 -11.21	35.77 2.03 -12.57	36.06 2.03 -13.06	35.93 2.14 -11.77	34.12 2.21 -9.54	30.41 2.15 -6.96	28.69 2.18 -4.97	22.29 2.01 -0.01
FPL FAR_ROCK_GT1 24212	21.30 2.06 -0.01	20.34 1.82 -0.68	19.35 1.77 -0.18	17.92 1.65 -0.25	19.45 1.80 -0.01	20.78 1.90 -0.01	25.62 2.54 -0.01	29.57 2.24 -6.62	29.74 2.57 -3.36	30.19 2.68 -3.18	28.69 2.69 -1.80	28.68 2.58 -2.44	27.80 2.62 -1.35	27.41 2.44 -2.37	25.95 2.26 -2.97	24.49 2.31 -1.17	26.95 2.31 -3.82	28.13 2.35 -4.61	28.76 2.33 -5.47	30.87 2.44 -6.40	29.94 2.46 -5.11	28.63 2.28 -5.05	24.95 2.28 -1.12	22.36 2.07 -0.01

FPL FAR_ROCK_GT2 23815	21.30 2.06 -0.01	20.34 1.82 -0.68	19.35 1.77 -0.18	17.92 1.65 -0.25	19.45 1.80 -0.01	20.78 1.90 -0.01	25.62 2.54 -0.01	29.57 2.24 -6.62	29.74 2.57 -3.36	30.19 2.68 -3.18	28.69 2.69 -1.80	28.68 2.58 -2.44	27.80 2.62 -1.35	27.41 2.44 -2.37	25.95 2.26 -2.97	24.49 2.31 -1.17	26.95 2.31 -3.82	28.13 2.35 -4.61	28.76 2.33 -5.47	30.87 2.44 -6.40	29.94 2.46 -5.11	28.63 2.28 -5.05	24.95 2.28 -1.12	22.36 2.07 -0.01
FRANKLIN_FALL_HYD 24054	16.57 -1.15 1.51	18.28 -1.05 -1.48	18.07 -1.03 -1.71	18.37 -0.95 -3.29	18.78 -1.04 -2.18	25.02 -1.09 -7.25	20.09 -1.29 1.68	21.48 -1.22 -1.99	25.16 -1.43 -2.78	24.81 -1.46 -1.93	32.40 -1.48 -9.68	34.45 -1.51 -12.31	39.65 -1.60 -17.42	37.96 -1.47 -16.84	35.21 -1.37 -15.86	28.85 -1.45 -9.30	28.92 -1.42 -9.52	29.39 -1.42 -9.64	27.60 -1.40 -8.04	19.56 -1.34 1.12	21.12 -1.25 0.00	20.23 -1.06 0.00	20.51 -1.03 0.00	19.24 -1.03 0.00
FREEPORT_EQUS_GT1 23764	21.23 1.98 -0.01	20.27 1.75 -0.68	19.29 1.72 -0.18	17.87 1.60 -0.25	19.40 1.75 -0.01	20.71 1.83 -0.01	25.55 2.47 -0.01	29.49 2.15 -6.62	29.67 2.50 -3.37	30.07 2.55 -3.18	28.56 2.56 -1.80	28.59 2.48 -2.44	27.69 2.50 -1.36	27.30 2.33 -2.37	25.87 2.17 -2.98	24.40 2.23 -1.17	26.87 2.23 -3.83	28.07 2.29 -4.61	28.70 2.26 -5.47	30.78 2.36 -6.40	29.87 2.39 -5.11	28.57 2.21 -5.05	24.87 2.20 -1.12	22.28 1.99 -0.02
FREEPORT___CT2 23818	21.23 1.98 -0.01	20.27 1.75 -0.68	19.29 1.72 -0.18	17.87 1.60 -0.25	19.40 1.75 -0.01	20.71 1.83 -0.01	25.55 2.47 -0.01	29.49 2.15 -6.62	29.67 2.50 -3.37	30.07 2.55 -3.18	28.56 2.56 -1.80	28.59 2.48 -2.44	27.69 2.50 -1.36	27.30 2.33 -2.37	25.87 2.17 -2.98	24.40 2.23 -1.17	26.87 2.23 -3.83	28.07 2.29 -4.61	28.70 2.26 -5.47	30.78 2.36 -6.40	29.87 2.39 -5.11	28.57 2.21 -5.05	24.87 2.20 -1.12	22.28 1.99 -0.02
FRESHKLS_33_KV_LOAD 356253	21.39 2.12 -0.04	20.46 1.95 -0.67	19.46 1.90 -0.17	18.00 1.75 -0.24	19.57 1.92 0.00	20.77 1.91 0.00	25.53 2.45 -0.02	33.89 2.09 -11.09	37.52 2.00 -11.72	44.95 2.04 -18.58	35.70 2.06 -9.45	35.73 2.04 -10.03	36.03 2.07 -10.13	35.87 1.99 -11.29	34.06 2.03 -11.31	34.06 2.12 -10.93	34.13 2.10 -11.21	35.70 1.97 -12.57	35.99 1.97 -13.06	35.87 2.07 -11.77	34.15 2.24 -9.54	30.50 2.24 -6.96	28.80 2.28 -4.97	22.43 2.15 -0.01
FULTON COGEN____ 23766	18.81 -0.42 0.00	17.54 -0.37 -0.07	17.04 -0.37 -0.02	15.69 -0.35 -0.02	17.26 -0.39 0.00	18.51 -0.36 0.00	22.50 -0.14 0.43	20.72 0.00 -0.01	23.63 0.02 0.20	24.17 0.05 0.21	24.18 0.07 0.10	23.74 0.07 0.00	23.90 0.07 0.00	22.63 0.02 -0.02	20.75 0.00 -0.04	20.81 -0.04 0.15	20.42 -0.44 -0.04	20.80 -0.44 -0.08	20.71 -0.44 -0.19	21.83 -0.46 -0.27	22.16 -0.45 -0.24	21.06 -0.43 -0.19	21.14 -0.41 0.00	19.97 -0.30 0.00
FULTON___LFGE 323630	21.04 1.81 0.00	20.56 1.78 -0.93	19.29 1.65 -0.24	17.79 1.44 -0.33	19.37 1.73 0.00	20.79 1.93 0.00	25.68 2.61 0.00	31.63 2.15 -8.77	29.91 2.50 -3.60	31.05 2.51 -4.21	29.00 2.42 -2.38	29.36 2.48 -3.21	26.23 2.41 0.00	25.22 2.15 -0.47	23.40 1.72 -0.97	23.11 1.97 -0.13	23.83 1.91 -1.10	25.56 2.10 -2.30	28.41 2.12 -5.33	31.99 2.22 -7.74	31.54 2.42 -6.76	29.09 2.36 -5.42	23.88 2.26 -0.07	22.22 1.95 0.00
G.F.CEMENT___DRP 24184	19.99 0.75 0.00	19.47 0.79 -0.84	18.32 0.71 -0.22	16.94 0.62 -0.30	18.40 0.76 0.00	19.66 0.79 0.00	24.20 1.13 0.00	29.94 0.97 -8.25	28.39 1.19 -3.39	29.59 1.29 -3.97	27.67 1.23 -2.24	27.89 1.21 -3.02	24.95 1.12 0.00	24.04 0.99 -0.45	22.46 0.83 -0.91	22.03 0.90 -0.13	22.73 0.87 -1.04	24.24 0.91 -2.16	26.95 0.96 -5.02	30.33 1.01 -7.29	29.85 1.12 -6.36	27.47 1.06 -5.11	22.58 0.97 -0.06	21.05 0.77 0.00
GARDENVILLE___LBMP 24039	18.45 -0.79 0.00	17.10 -0.87 -0.13	16.68 -0.75 -0.03	15.31 -0.75 -0.05	17.03 -0.62 0.00	18.32 -0.55 0.00	21.80 -1.27 0.00	20.23 -1.08 -0.60	22.84 -1.21 -0.25	23.31 -1.31 -0.29	23.11 -1.26 -0.16	22.58 -1.30 -0.22	22.88 -0.95 0.00	21.50 -1.13 -0.03	19.73 -1.06 -0.07	20.30 -0.71 -0.01	19.81 -1.08 -0.08	20.18 -1.14 -0.16	20.18 -1.15 -0.37	21.32 -1.23 -0.53	21.49 -1.34 -0.47	20.18 -1.49 -0.37	20.35 -1.21 0.00	19.57 -0.71 0.00
GARDNVLA_35_KV_LD 355827	18.54 -0.69 0.00	17.17 -0.80 -0.13	16.75 -0.68 -0.03	15.36 -0.70 -0.05	17.11 -0.53 0.00	18.42 -0.45 0.00	21.92 -1.15 0.00	20.32 -0.99 -0.60	22.96 -1.10 -0.25	23.43 -1.19 -0.29	23.20 -1.16 -0.16	22.70 -1.18 -0.22	23.04 -0.79 0.00	21.63 -0.99 -0.03	19.83 -0.95 -0.07	20.45 -0.57 -0.01	19.91 -0.98 -0.08	20.27 -1.06 -0.16	20.26 -1.07 -0.37	21.44 -1.12 -0.54	21.59 -1.25 -0.47	20.29 -1.38 -0.38	20.47 -1.08 0.00	19.69 -0.59 0.00
GELCKHM___115KV_LOAD 80723	18.97 -0.27 0.00	17.69 -0.23 -0.07	17.17 -0.24 -0.02	15.82 -0.22 -0.03	17.40 -0.25 0.00	18.66 -0.21 0.00	22.75 -0.32 0.00	20.85 -0.21 -0.35	23.74 -0.21 -0.14	24.28 -0.22 -0.17	24.08 -0.22 -0.10	23.60 -0.19 -0.13	23.64 -0.19 0.00	22.39 -0.23 -0.02	20.55 -0.21 -0.04	20.80 -0.21 -0.01	20.59 -0.27 -0.04	20.98 -0.28 -0.09	20.90 -0.27 -0.21	22.04 -0.29 -0.31	22.35 -0.29 -0.27	21.24 -0.28 -0.21	21.29 -0.26 0.00	20.11 -0.16 0.00
GENERAL___MILLS 23808	18.50 -0.73 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.33 -0.74 -0.05	17.08 -0.56 0.00	18.38 -0.49 0.00	21.87 -1.20 0.00	20.26 -1.06 -0.60	22.89 -1.17 -0.25	23.36 -1.27 -0.29	23.13 -1.23 -0.16	22.63 -1.25 -0.22	22.97 -0.86 0.00	21.57 -1.06 -0.03	19.77 -1.02 -0.07	20.38 -0.63 -0.01	19.85 -1.04 -0.08	20.23 -1.10 -0.16	20.20 -1.13 -0.37	21.37 -1.19 -0.54	21.52 -1.32 -0.47	20.22 -1.45 -0.37	20.43 -1.12 0.00	19.65 -0.63 0.00
GE_PLASTICS___DRP 24183	20.02 0.79 0.00	19.37 0.71 -0.81	18.31 0.71 -0.21	16.95 0.64 -0.29	18.37 0.72 0.00	19.62 0.75 0.00	23.88 0.81 0.00	29.48 0.68 -8.09	27.94 0.81 -3.32	29.07 0.85 -3.89	27.19 0.80 -2.19	27.41 0.78 -2.96	24.64 0.81 0.00	23.82 0.79 -0.44	22.31 0.70 -0.89	21.88 0.76 -0.12	22.56 0.73 -1.02	24.01 0.72 -2.12	26.59 0.71 -4.92	29.92 0.75 -7.15	29.37 0.76 -6.23	27.00 0.70 -5.00	22.34 0.73 -0.06	20.90 0.63 0.00
GILBOA___1 23756	20.01 0.77 0.00	19.17 0.68 -0.64	18.24 0.68 -0.17	16.87 0.62 -0.23	18.33 0.69 0.00	19.58 0.72 0.00	24.02 0.95 0.00	29.53 0.97 -7.85	28.15 1.12 -3.22	29.25 1.14 -3.77	27.47 1.14 -2.13	27.65 1.11 -2.87	24.95 1.12 0.00	24.08 1.06 -0.42	22.58 0.99 -0.86	22.13 1.01 -0.12	22.82 1.02 -0.99	24.24 1.02 -2.06	26.74 1.01 -4.77	30.01 1.06 -6.93	29.49 1.07 -6.05	27.13 0.98 -4.85	22.58 0.97 -0.06	21.13 0.85 0.00
GILBOA___2 23757	20.01 0.77 0.00	19.17 0.68 -0.64	18.24 0.68 -0.17	16.87 0.62 -0.23	18.33 0.69 0.00	19.58 0.72 0.00	24.02 0.95 0.00	29.53 0.97 -7.85	28.15 1.12 -3.22	29.25 1.14 -3.77	27.47 1.14 -2.13	27.65 1.11 -2.87	24.95 1.12 0.00	24.08 1.06 -0.42	22.58 0.99 -0.86	22.13 1.01 -0.12	22.82 1.02 -0.99	24.24 1.02 -2.06	26.74 1.01 -4.77	30.01 1.06 -6.93	29.49 1.07 -6.05	27.13 0.98 -4.85	22.58 0.97 -0.06	21.13 0.85 0.00

GILBOA___3 23758	20.01 0.77 0.00	19.17 0.68 -0.64	18.24 0.68 -0.17	16.87 0.62 -0.23	18.33 0.69 0.00	19.58 0.72 0.00	24.02 0.95 0.00	29.53 0.97 -7.85	28.15 1.12 -3.22	29.25 1.14 -3.77	27.47 1.14 -2.13	27.65 1.11 -2.87	24.95 1.12 0.00	24.08 1.06 -0.42	22.58 0.99 -0.86	22.13 1.01 -0.12	22.82 1.02 -0.99	24.24 1.02 -2.06	26.74 1.01 -4.77	30.01 1.06 -6.93	29.49 1.07 -6.05	27.13 0.98 -4.85	22.58 0.97 -0.06	21.13 0.85 0.00
GILBOA___4 23759	20.01 0.77 0.00	19.17 0.68 -0.64	18.24 0.68 -0.17	16.87 0.62 -0.23	18.33 0.69 0.00	19.58 0.72 0.00	24.02 0.95 0.00	29.53 0.97 -7.85	28.15 1.12 -3.22	29.25 1.14 -3.77	27.47 1.14 -2.13	27.65 1.11 -2.87	24.95 1.12 0.00	24.08 1.06 -0.42	22.58 0.99 -0.86	22.13 1.01 -0.12	22.82 1.02 -0.99	24.24 1.02 -2.06	26.74 1.01 -4.77	30.01 1.06 -6.93	29.49 1.07 -6.05	27.13 0.98 -4.85	22.58 0.97 -0.06	21.13 0.85 0.00
GILBOA___ 23599	20.01 0.77 0.00	19.17 0.68 -0.64	18.24 0.68 -0.17	16.87 0.62 -0.23	18.33 0.69 0.00	19.58 0.72 0.00	24.02 0.95 0.00	29.53 0.97 -7.85	28.15 1.12 -3.22	29.25 1.14 -3.77	27.47 1.14 -2.13	27.65 1.11 -2.87	24.95 1.12 0.00	24.08 1.06 -0.42	22.58 0.99 -0.86	22.13 1.01 -0.12	22.82 1.02 -0.99	24.24 1.02 -2.06	26.74 1.01 -4.77	30.01 1.06 -6.93	29.49 1.07 -6.05	27.13 0.98 -4.85	22.60 0.99 -0.06	21.13 0.85 0.00
GINNA___ 23603	17.75 -1.48 0.00	16.71 -1.23 -0.09	16.18 -1.23 -0.02	14.93 -1.12 -0.03	16.29 -1.36 0.00	17.53 -1.34 0.00	21.13 -1.94 0.00	19.79 -1.37 -0.45	22.54 -1.45 -0.18	23.04 -1.51 -0.22	22.82 -1.50 -0.12	22.34 -1.49 -0.16	22.21 -1.62 0.00	21.22 -1.40 -0.02	19.53 -1.24 -0.05	19.65 -1.37 -0.01	19.58 -1.29 -0.06	19.95 -1.33 -0.12	19.89 -1.34 -0.27	20.94 -1.48 -0.39	21.22 -1.50 -0.34	20.13 -1.45 -0.28	19.93 -1.62 0.00	18.94 -1.34 0.00
GLEN PARK___ 23778	17.29 -0.40 1.54	16.46 -0.39 1.00	16.09 -0.33 0.97	15.03 -0.32 0.67	16.41 -0.32 0.92	18.26 -0.38 0.24	21.04 -0.23 1.80	19.67 -0.10 0.93	22.42 -0.31 1.07	22.84 -0.24 1.25	23.77 -0.32 0.12	23.70 -0.28 -0.32	24.52 -0.33 -1.02	23.26 -0.34 -1.00	21.32 -0.35 -0.95	20.51 -0.42 0.07	20.31 -0.52 -0.02	20.84 -0.40 -0.07	20.59 -0.29 0.08	21.83 -0.13 0.06	22.34 -0.18 -0.14	21.18 -0.23 -0.12	21.31 -0.24 0.00	20.03 -0.24 0.00
GLENDALE_27_KV_LOAD 356172	21.10 1.83 -0.03	20.16 1.64 -0.67	19.16 1.60 -0.17	17.73 1.47 -0.24	19.28 1.64 0.00	20.55 1.68 0.00	25.35 2.26 -0.02	33.80 2.01 -11.09	37.81 2.29 -11.72	45.22 2.31 -18.58	35.97 2.32 -9.45	35.99 2.30 -10.03	36.29 2.34 -10.13	36.07 2.19 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.11 2.08 -11.21	35.83 2.10 -12.57	36.10 2.08 -13.06	35.98 2.18 -11.77	34.10 2.19 -9.54	30.33 2.07 -6.96	28.58 2.07 -4.96	22.14 1.87 0.00
GLENWOOD_IC_1_G5 23712	21.08 1.85 0.00	20.14 1.62 -0.67	19.16 1.60 -0.17	17.76 1.51 -0.24	19.27 1.62 0.00	20.57 1.70 0.00	25.38 2.31 0.00	29.36 2.03 -6.62	29.53 2.36 -3.37	29.94 2.43 -3.17	28.44 2.44 -1.79	28.49 2.39 -2.44	27.62 2.43 -1.36	27.23 2.26 -2.37	25.79 2.09 -2.98	24.32 2.14 -1.17	26.76 2.12 -3.82	27.94 2.16 -4.61	28.58 2.14 -5.47	30.65 2.22 -6.40	29.72 2.24 -5.11	28.42 2.07 -5.05	24.74 2.07 -1.12	22.16 1.87 -0.02
GLENWOOD_IC_2_G1 23688	20.99 1.75 -0.01	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.48 1.60 -0.01	25.27 2.19 -0.01	29.26 1.93 -6.62	29.41 2.24 -3.36	29.80 2.29 -3.18	28.30 2.30 -1.80	28.35 2.25 -2.44	27.45 2.26 -1.35	27.09 2.12 -2.37	25.66 1.97 -2.97	24.19 2.02 -1.17	26.66 2.02 -3.82	27.81 2.03 -4.61	28.45 2.01 -5.47	30.54 2.11 -6.40	29.60 2.13 -5.11	28.31 1.96 -5.05	24.63 1.96 -1.12	22.03 1.74 -0.01
GLENWOOD_IC_3_G1 23689	20.99 1.75 -0.01	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.48 1.60 -0.01	25.27 2.19 -0.01	29.26 1.93 -6.62	29.41 2.24 -3.36	29.80 2.29 -3.18	28.30 2.30 -1.80	28.35 2.25 -2.44	27.45 2.26 -1.35	27.09 2.12 -2.37	25.66 1.97 -2.97	24.19 2.02 -1.17	26.66 2.02 -3.82	27.81 2.03 -4.61	28.45 2.01 -5.47	30.54 2.11 -6.40	29.60 2.13 -5.11	28.31 1.96 -5.05	24.63 1.96 -1.12	22.03 1.74 -0.01
GLENWOOD___4 23550	21.08 1.85 0.00	20.14 1.62 -0.67	19.16 1.60 -0.17	17.76 1.51 -0.24	19.27 1.62 0.00	20.57 1.70 0.00	25.38 2.31 0.00	29.36 2.03 -6.62	29.53 2.36 -3.37	29.94 2.43 -3.17	28.44 2.44 -1.79	28.49 2.39 -2.44	27.62 2.43 -1.36	27.23 2.26 -2.37	25.79 2.09 -2.98	24.32 2.14 -1.17	26.76 2.12 -3.82	27.94 2.16 -4.61	28.58 2.14 -5.47	30.65 2.22 -6.40	29.72 2.24 -5.11	28.42 2.07 -5.05	24.74 2.07 -1.12	22.16 1.87 -0.02
GLENWOOD___5 23614	21.08 1.85 0.00	20.14 1.62 -0.67	19.16 1.60 -0.17	17.76 1.51 -0.24	19.27 1.62 0.00	20.57 1.70 0.00	25.38 2.31 0.00	29.36 2.03 -6.62	29.53 2.36 -3.37	29.94 2.43 -3.17	28.44 2.44 -1.79	28.49 2.39 -2.44	27.62 2.43 -1.36	27.23 2.26 -2.37	25.79 2.09 -2.98	24.32 2.14 -1.17	26.76 2.12 -3.82	27.94 2.16 -4.61	28.58 2.14 -5.47	30.65 2.22 -6.40	29.72 2.24 -5.11	28.42 2.07 -5.05	24.74 2.07 -1.12	22.16 1.87 -0.02
GLOBAL GREEN_PORT_GT1 23814	21.91 2.66 -0.02	20.95 2.43 -0.68	19.96 2.38 -0.18	18.51 2.24 -0.25	20.12 2.47 -0.01	21.33 2.45 -0.01	26.43 3.34 -0.02	30.34 3.00 -6.63	30.58 3.40 -3.37	30.85 3.33 -3.18	29.46 3.46 -1.80	29.59 3.48 -2.44	28.62 3.43 -1.36	28.09 3.12 -2.38	26.45 2.76 -2.98	25.04 2.86 -1.18	27.50 2.85 -3.83	28.98 3.20 -4.62	29.73 3.23 -5.53	31.90 3.41 -6.46	30.92 3.42 -5.12	29.38 3.02 -5.06	25.54 2.87 -1.13	22.97 2.68 -0.02
GLOBE___DSASP 323697	17.81 -1.42 0.00	16.80 -1.16 -0.12	16.29 -1.13 -0.03	15.05 -1.01 -0.04	16.48 -1.16 0.00	17.68 -1.19 0.00	20.95 -2.12 0.00	19.72 -1.55 -0.56	22.27 -1.76 -0.23	22.70 -1.90 -0.27	22.49 -1.86 -0.15	22.00 -1.87 -0.21	21.97 -1.86 0.00	20.86 -1.76 -0.03	19.25 -1.53 -0.06	19.54 -1.47 -0.01	19.35 -1.54 -0.07	19.71 -1.61 -0.15	19.71 -1.59 -0.34	20.80 -1.72 -0.50	20.97 -1.83 -0.43	19.69 -1.96 -0.35	19.59 -1.96 0.00	18.90 -1.38 0.00
GOETHSLN___LBMP 323567	20.98 1.71 -0.03	20.01 1.50 -0.67	19.04 1.48 -0.17	17.65 1.39 -0.24	19.14 1.50 0.00	20.45 1.58 0.00	25.25 2.17 -0.02	33.70 1.95 -11.04	37.70 2.26 -11.63	45.04 2.29 -18.42	35.87 2.30 -9.37	35.89 2.27 -9.95	36.17 2.31 -10.03	35.94 2.17 -11.18	33.94 2.01 -11.21	33.89 2.06 -10.83	33.98 2.06 -11.10	35.70 2.07 -12.46	35.99 2.05 -12.97	35.90 2.16 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.44 1.98 -4.91	22.02 1.74 0.00
GOLAH___69_KV_TB 1_2 80279	18.66 -0.58 0.00	17.59 -0.36 -0.10	17.03 -0.38 -0.03	15.72 -0.34 -0.04	17.17 -0.48 0.00	18.49 -0.38 0.00	22.17 -0.90 0.00	20.74 -0.43 -0.47	23.62 -0.38 -0.19	24.10 -0.46 -0.23	23.87 -0.46 -0.13	23.29 -0.54 -0.17	23.19 -0.64 0.00	22.03 -0.59 -0.03	20.27 -0.50 -0.05	20.42 -0.59 -0.01	20.33 -0.54 -0.06	20.72 -0.57 -0.12	20.68 -0.57 -0.29	21.78 -0.66 -0.42	22.02 -0.72 -0.36	20.84 -0.75 -0.29	20.62 -0.93 0.00	19.73 -0.55 0.00

GOODYEAR_LAKE_HYD 323669	20.14 0.90 0.00	18.87 0.79 -0.24	18.20 0.75 -0.06	16.79 0.69 -0.08	18.45 0.81 0.00	19.79 0.92 0.00	24.34 1.27 0.00	22.81 1.04 -1.07	25.41 1.17 -0.44	26.09 1.24 -0.51	25.68 1.19 -0.29	25.26 1.21 -0.39	25.12 1.29 0.00	23.78 1.13 -0.06	21.79 0.95 -0.12	22.03 1.01 -0.02	21.84 0.90 -0.13	22.38 0.93 -0.28	22.55 0.94 -0.64	24.01 1.06 -0.93	24.21 1.03 -0.81	22.89 0.94 -0.65	22.53 0.97 -0.01	21.21 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.39 0.15 0.00	18.12 0.05 -0.23	17.54 0.09 -0.06	16.15 0.05 -0.08	17.80 0.16 0.00	19.09 0.23 0.00	23.25 0.18 0.00	21.85 0.06 -1.08	24.34 0.10 -0.44	24.92 0.07 -0.52	24.57 0.07 -0.29	24.11 0.05 -0.39	24.07 0.24 0.00	22.72 0.07 -0.06	20.86 0.02 -0.12	21.21 0.19 -0.02	20.97 0.02 -0.14	21.47 0.02 -0.28	21.65 0.02 -0.66	23.03 0.04 -0.96	23.23 0.02 -0.84	21.91 -0.06 -0.67	21.62 0.06 -0.01	20.48 0.20 0.00
GOUDEY___7 23579	19.41 0.17 0.00	18.12 0.05 -0.23	17.55 0.10 -0.06	16.16 0.06 -0.08	17.82 0.18 0.00	19.11 0.25 0.00	23.28 0.21 0.00	21.87 0.08 -1.08	24.37 0.12 -0.44	24.95 0.10 -0.52	24.59 0.10 -0.29	24.15 0.09 -0.39	24.09 0.26 0.00	22.74 0.09 -0.06	20.88 0.04 -0.12	21.23 0.21 -0.02	20.99 0.04 -0.14	21.49 0.04 -0.28	21.67 0.04 -0.66	23.05 0.07 -0.96	23.23 0.02 -0.84	21.93 -0.04 -0.67	21.64 0.09 -0.01	20.50 0.22 0.00
GOUDEY___8 23580	19.39 0.15 0.00	18.12 0.05 -0.23	17.54 0.09 -0.06	16.15 0.05 -0.08	17.80 0.16 0.00	19.09 0.23 0.00	23.25 0.18 0.00	21.85 0.06 -1.08	24.34 0.10 -0.44	24.92 0.07 -0.52	24.57 0.07 -0.29	24.11 0.05 -0.39	24.07 0.24 0.00	22.72 0.07 -0.06	20.86 0.02 -0.12	21.21 0.19 -0.02	20.97 0.02 -0.14	21.47 0.02 -0.28	21.65 0.02 -0.66	23.03 0.04 -0.96	23.23 0.02 -0.84	21.91 -0.06 -0.67	21.62 0.06 -0.01	20.48 0.20 0.00
GOWANUS_GT1_1 24077	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_2 24078	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_3 24079	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_4 24080	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_5 24084	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_6 24111	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_7 24112	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT1_8 24113	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT2_1 24114	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT2_2 24115	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT2_3 24116	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02

GOWANUS_GT2_4 24117	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT2_5 24118	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT2_6 24119	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT2_7 24120	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT2_8 24121	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT3_1 24122	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
GOWANUS_GT3_2 24123	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1

GOWANUS_GT4_3 24132	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT4_4 24133	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT4_5 24134	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT4_6 24135	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT4_7 24136	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GOWANUS_GT4_8 24137	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GREENBSH_115KV_TB3 55895	20.06 0.83 0.00	19.43 0.77 -0.81	18.37 0.77 -0.21	17.00 0.69 -0.29	18.42 0.78 0.00	19.66 0.79 0.00	23.81 0.74 0.00	29.39 0.58 -8.10	27.85 0.71 -3.33	28.98 0.75 -3.89	27.10 0.70 -2.20	27.32 0.69 -2.97	24.57 0.74 0.00	23.78 0.75 -0.44	22.27 0.66 -0.89	21.84 0.71 -0.12	22.50 0.67 -1.02	23.95 0.66 -2.12	26.52 0.63 -4.93	29.84 0.66 -7.16	29.29 0.67 -6.24	26.93 0.62 -5.01	22.28 0.67 -0.06	20.82 0.55 0.00
GREENDGE_115KV_TB5 80291	19.00 -0.23 0.00	17.73 -0.27 -0.15	17.22 -0.21 -0.04	15.83 -0.24 -0.05	17.47 -0.18 0.00	18.83 -0.04 0.00	22.86 -0.21 0.00	21.33 -0.08 -0.70	24.02 -0.07 -0.29	24.57 -0.10 -0.34	24.29 -0.10 -0.19	23.80 -0.12 -0.26	23.81 -0.02 0.00	22.45 -0.18 -0.04	20.59 -0.21 -0.08	20.95 -0.06 -0.01	20.70 -0.21 -0.09	21.14 -0.21 -0.18	21.16 -0.23 -0.43	22.45 -0.20 -0.62	22.69 -0.22 -0.54	21.41 -0.32 -0.44	21.32 -0.24 -0.01	20.24 -0.04 0.00
GREENIDGE___3 23582	19.00 -0.23 0.00	17.73 -0.27 -0.15	17.22 -0.21 -0.04	15.83 -0.24 -0.05	17.47 -0.18 0.00	18.83 -0.04 0.00	22.86 -0.21 0.00	21.33 -0.08 -0.70	24.02 -0.07 -0.29	24.57 -0.10 -0.34	24.29 -0.10 -0.19	23.80 -0.12 -0.26	23.81 -0.02 0.00	22.45 -0.18 -0.04	20.59 -0.21 -0.08	20.95 -0.06 -0.01	20.70 -0.21 -0.09	21.14 -0.21 -0.18	21.16 -0.23 -0.43	22.45 -0.20 -0.62	22.69 -0.22 -0.54	21.41 -0.32 -0.44	21.32 -0.24 -0.01	20.24 -0.04 0.00
GREENIDGE___4 23583	19.01 -0.23 0.00	17.73 -0.27 -0.15	17.20 -0.23 -0.04	15.85 -0.22 -0.05	17.47 -0.18 0.00	18.83 -0.04 0.00	22.86 -0.21 0.00	21.33 -0.08 -0.70	24.02 -0.07 -0.29	24.57 -0.10 -0.34	24.27 -0.12 -0.19	23.80 -0.12 -0.26	23.81 -0.02 0.00	22.45 -0.18 -0.04	20.61 -0.19 -0.08	20.95 -0.06 -0.01	20.70 -0.21 -0.09	21.14 -0.21 -0.18	21.16 -0.23 -0.43	22.44 -0.20 -0.62	22.69 -0.22 -0.54	21.41 -0.32 -0.43	21.32 -0.24 -0.01	20.24 -0.04 0.00
GREENLWN_69_KV_BK 3 55738	21.24 2.00 -0.01	20.28 1.77 -0.67	19.30 1.74 -0.17	17.89 1.63 -0.24	19.41 1.76 0.00	20.72 1.85 0.00	25.57 2.49 -0.01	29.49 2.15 -6.63	29.63 2.45 -3.37	30.01 2.51 -3.17	28.41 2.42 -1.79	28.43 2.32 -2.44	27.60 2.41 -1.36	27.28 2.30 -2.38	25.89 2.20 -2.98	24.43 2.25 -1.18	26.85 2.21 -3.83	27.96 2.18 -4.61	28.59 2.16 -5.46	30.64 2.22 -6.39	29.69 2.21 -5.11	28.42 2.07 -5.06	24.87 2.20 -1.13	22.28 1.99 -0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01
GRISSOM___SOLAR 323813	21.04 1.81 0.00	20.56 1.78 -0.93	19.29 1.65 -0.24	17.79 1.44 -0.33	19.37 1.73 0.00	20.79 1.93 0.00	25.68 2.61 0.00	31.63 2.15 -8.77	29.91 2.50 -3.60	31.05 2.51 -4.21	29.00 2.42 -2.38	29.36 2.48 -3.21	26.23 2.41 0.00	25.22 2.15 -0.47	23.40 1.72 -0.97	23.11 1.97 -0.13	23.83 1.91 -1.10	25.56 2.10 -2.30	28.41 2.12 -5.33	31.99 2.22 -7.74	31.54 2.42 -6.76	29.09 2.36 -5.42	23.88 2.26 -0.07	22.22 1.95 0.00
GROVEVILLE___HYD 323602	20.81 1.58 0.00	19.93 1.43 -0.66	18.97 1.41 -0.17	17.54 1.28 -0.24	19.07 1.43 0.00	20.38 1.51 0.00	25.10 2.03 0.00	29.00 1.80 -6.49	28.59 2.12 -2.67	29.61 2.17 -3.12	28.06 2.11 -1.76	28.12 2.08 -2.38	25.95 2.12 0.00	24.91 1.97 -0.35	23.24 1.80 -0.71	22.95 1.85 -0.10	23.46 1.83 -0.82	24.71 1.84 -1.70	26.73 1.82 -3.94	29.71 1.96 -5.73	29.36 1.99 -5.00	27.23 1.92 -4.01	23.47 1.87 -0.05	21.94 1.66 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.12 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 0.00 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.05 -0.15 -0.23	22.20 -0.15 -0.33	22.53 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00

HAMLTNNY_34_KV_TB 80303	19.10 -0.13 0.00	17.81 -0.12 -0.09	17.29 -0.12 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.79 -0.08 0.00	22.91 -0.16 0.00	21.05 -0.06 -0.41	23.92 -0.05 -0.17	24.48 -0.05 -0.20	24.29 -0.02 -0.11	23.79 -0.02 -0.15	23.83 0.00 0.00	22.57 -0.05 -0.02	20.72 -0.04 -0.04	20.95 -0.06 -0.01	20.76 -0.10 -0.05	21.17 -0.11 -0.11	21.08 -0.13 -0.25	22.25 -0.13 -0.36	22.55 -0.13 -0.31	21.42 -0.13 -0.25	21.44 -0.11 0.00	20.26 -0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	14.04 -0.77 4.43	14.12 -0.71 3.01	13.92 -0.63 2.85	13.43 -0.58 2.02	14.34 -0.62 2.68	17.31 -0.76 0.80	17.21 -0.83 5.03	16.76 -0.77 3.19	19.53 -1.00 3.28	19.64 -0.97 3.72	22.68 -0.97 0.56	23.35 -0.90 -0.58	25.54 -0.95 -2.67	24.29 -0.88 -2.58	22.30 -0.85 -2.43	19.77 -0.94 0.29	19.64 -1.00 0.18	20.02 -0.97 0.17	19.28 -0.92 0.76	20.50 -0.88 0.64	21.47 -0.90 0.00	20.49 -0.81 0.00	20.75 -0.80 0.00	19.48 -0.79 0.00
HARDSCRABBLE_WT_PWR 323673	19.19 -0.58 -0.53	17.73 -0.53 -0.41	17.25 -0.54 -0.40	15.84 -0.50 -0.32	17.50 -0.53 -0.38	18.53 -0.59 -0.24	23.00 -0.67 -0.60	20.59 -0.56 -0.44	23.70 -0.57 -0.46	24.35 -0.49 -0.50	24.04 -0.41 -0.25	23.52 -0.31 -0.16	23.54 -0.28 0.00	22.30 -0.29 0.00	20.39 -0.33 0.00	20.82 -0.40 -0.21	20.67 -0.35 -0.21	21.08 -0.30 -0.21	20.95 -0.27 -0.26	21.82 -0.26 -0.06	22.08 -0.29 0.00	21.02 -0.28 0.00	21.27 -0.28 0.00	19.97 -0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.62 1.38 0.00	19.70 1.23 -0.62	18.75 1.20 -0.16	17.36 1.12 -0.22	18.88 1.24 0.00	20.17 1.30 0.00	24.85 1.78 0.00	28.20 1.55 -5.94	28.08 1.83 -2.44	29.03 1.85 -2.85	27.65 1.84 -1.61	27.66 1.82 -2.17	25.69 1.86 0.00	24.66 1.74 -0.32	22.97 1.60 -0.65	22.73 1.64 -0.09	23.19 1.62 -0.75	24.38 1.65 -1.56	26.21 1.64 -3.61	28.99 1.72 -5.25	28.69 1.74 -4.58	26.61 1.64 -3.67	23.19 1.59 -0.04	21.72 1.44 0.00
HARSNRAD_115KV_TB1 81005	18.22 -1.02 0.00	17.07 -0.89 -0.12	16.57 -0.85 -0.03	15.28 -0.78 -0.04	16.80 -0.85 0.00	18.09 -0.77 0.00	21.45 -1.61 0.00	20.08 -1.18 -0.55	22.72 -1.31 -0.23	23.19 -1.41 -0.27	22.97 -1.38 -0.15	22.45 -1.42 -0.20	22.52 -1.31 0.00	21.34 -1.29 -0.03	19.64 -1.14 -0.06	20.01 -1.01 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.15	20.11 -1.19 -0.34	21.21 -1.30 -0.49	21.39 -1.41 -0.43	20.11 -1.53 -0.34	20.06 -1.49 0.00	19.32 -0.95 0.00
HARZA MOOSE___RIVER 24016	18.41 0.00 0.83	17.32 -0.02 0.51	16.99 0.09 0.49	15.77 0.06 0.31	17.30 0.11 0.45	18.84 0.00 0.03	22.23 0.12 0.96	20.32 0.17 0.56	23.34 0.10 0.56	23.81 0.15 0.66	24.34 0.10 -0.04	24.08 0.12 -0.29	24.71 0.12 -0.76	23.44 0.11 -0.73	21.49 0.08 -0.69	21.13 0.04 -0.09	20.95 0.02 -0.12	21.34 0.04 -0.13	21.05 0.08 0.00	22.07 0.18 0.13	22.50 0.13 0.00	21.38 0.09 0.00	21.63 0.09 0.00	20.32 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.99 -0.25 0.00	17.69 -0.23 -0.07	17.18 -0.23 -0.02	15.84 -0.21 -0.03	17.41 -0.23 0.00	18.68 -0.19 0.00	22.75 -0.32 0.00	20.85 -0.21 -0.34	23.71 -0.24 -0.14	24.28 -0.22 -0.17	24.08 -0.22 -0.09	23.58 -0.21 -0.13	23.64 -0.19 0.00	22.39 -0.23 -0.02	20.55 -0.21 -0.04	20.80 -0.21 -0.01	20.61 -0.25 -0.04	21.00 -0.25 -0.09	20.92 -0.25 -0.21	22.06 -0.26 -0.30	22.37 -0.27 -0.26	21.25 -0.26 -0.21	21.31 -0.24 0.00	20.13 -0.14 0.00
HELLGATE_13_KV_LD 55870	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.49 1.62 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.85 2.15 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.22 1.96 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.00 1.73 -0.03	20.10 1.59 -0.67	19.11 1.55 -0.17	17.67 1.41 -0.24	19.23 1.59 0.00	20.49 1.62 0.00	25.23 2.15 -0.02	33.68 1.88 -11.09	37.64 2.12 -11.72	45.05 2.14 -18.58	35.80 2.15 -9.45	35.85 2.15 -10.03	36.12 2.17 -10.13	35.94 2.06 -11.29	33.96 1.93 -11.31	33.91 1.97 -10.93	33.98 1.96 -11.21	35.70 1.97 -12.57	35.97 1.95 -13.06	35.82 2.03 -11.77	33.97 2.06 -9.54	30.22 1.96 -6.96	28.47 1.96 -4.96	22.04 1.76 0.00
HEMPSTEAD____ 23647	21.08 1.83 -0.01	20.15 1.62 -0.68	19.16 1.58 -0.18	17.76 1.49 -0.25	19.27 1.62 -0.01	20.55 1.68 -0.01	25.37 2.28 -0.01	29.34 2.01 -6.62	29.48 2.31 -3.37	29.90 2.39 -3.18	28.40 2.40 -1.80	28.45 2.34 -2.44	27.55 2.36 -1.36	27.16 2.19 -2.37	25.75 2.05 -2.98	24.28 2.10 -1.17	26.72 2.08 -3.83	27.90 2.12 -4.61	28.53 2.10 -5.47	30.61 2.18 -6.40	29.69 2.22 -5.11	28.40 2.04 -5.05	24.70 2.02 -1.12	22.12 1.83 -0.02
HEWLETT_69_KV_BK3 55828	21.22 1.98 0.00	20.26 1.75 -0.67	19.29 1.72 -0.17	17.86 1.60 -0.24	19.39 1.75 0.00	20.70 1.83 0.00	25.54 2.47 0.00	29.48 2.15 -6.62	29.65 2.48 -3.36	30.09 2.58 -3.17	28.56 2.57 -1.79	28.56 2.46 -2.44	27.69 2.50 -1.35	27.32 2.35 -2.37	25.87 2.18 -2.97	24.40 2.23 -1.17	26.87 2.23 -3.82	28.02 2.24 -4.61	28.66 2.22 -5.47	30.76 2.33 -6.40	29.85 2.37 -5.11	28.54 2.19 -5.05	24.87 2.20 -1.12	22.28 1.99 -0.01
HICKLING___1 23621	19.12 -0.12 0.00	17.76 -0.27 -0.18	17.28 -0.16 -0.05	15.86 -0.22 -0.07	17.61 -0.04 0.00	18.94 0.08 0.00	22.95 -0.12 0.00	21.40 -0.19 -0.87	23.97 -0.19 -0.36	24.53 -0.22 -0.42	24.22 -0.22 -0.24	23.75 -0.24 -0.32	23.88 0.05 0.00	22.44 -0.20 -0.05	20.55 -0.27 -0.10	21.02 0.00 -0.01	20.63 -0.29 -0.11	21.10 -0.30 -0.23	21.18 -0.31 -0.53	22.51 -0.29 -0.77	22.71 -0.34 -0.68	21.39 -0.45 -0.54	21.32 -0.24 -0.01	20.30 0.02 0.00
HICKLING___2 23622	19.12 -0.12 0.00	17.76 -0.27 -0.18	17.28 -0.16 -0.05	15.86 -0.22 -0.07	17.61 -0.04 0.00	18.94 0.08 0.00	22.95 -0.12 0.00	21.40 -0.19 -0.87	23.97 -0.19 -0.36	24.53 -0.22 -0.42	24.22 -0.22 -0.24	23.75 -0.24 -0.32	23.88 0.05 0.00	22.44 -0.20 -0.05	20.55 -0.27 -0.10	21.02 0.00 -0.01	20.63 -0.29 -0.11	21.10 -0.30 -0.23	21.18 -0.31 -0.53	22.51 -0.29 -0.77	22.71 -0.34 -0.68	21.39 -0.45 -0.54	21.32 -0.24 -0.01	20.30 0.02 0.00
HIGH FALLS___HY 23754	20.74 1.50 0.00	19.80 1.30 -0.66	18.87 1.30 -0.17	17.46 1.20 -0.23	18.98 1.34 0.00	20.30 1.43 0.00	25.10 2.03 0.00	28.88 1.80 -6.37	28.49 2.07 -2.62	29.49 2.09 -3.06	27.94 2.01 -1.73	28.01 2.01 -2.33	25.90 2.07 0.00	24.86 1.92 -0.34	23.20 1.78 -0.70	22.91 1.81 -0.10	23.45 1.83 -0.80	24.70 1.86 -1.67	26.70 1.87 -3.87	29.68 2.03 -5.63	29.32 2.04 -4.91	27.18 1.94 -3.94	23.49 1.90 -0.05	21.98 1.70 0.00
HILLBURN___GT 23639	20.68 1.44 0.00	19.74 1.27 -0.63	18.81 1.25 -0.16	17.41 1.17 -0.22	18.91 1.27 0.00	20.21 1.34 0.00	24.89 1.82 0.00	28.37 1.62 -6.05	28.20 1.91 -2.48	29.16 1.92 -2.90	27.75 1.91 -1.64	27.77 1.89 -2.21	25.76 1.93 0.00	24.73 1.81 -0.33	23.06 1.68 -0.67	22.82 1.72 -0.09	23.28 1.71 -0.76	24.49 1.74 -1.58	26.34 1.70 -3.68	29.15 1.78 -5.34	28.82 1.79 -4.66	26.72 1.68 -3.74	23.25 1.66 -0.05	21.76 1.48 0.00

HILLSIDE_115KV_TB1 80332	19.06 -0.17 0.00	17.70 -0.34 -0.19	17.20 -0.24 -0.05	15.80 -0.29 -0.07	17.54 -0.11 0.00	18.85 -0.02 0.00	22.84 -0.23 0.00	21.26 -0.35 -0.90	23.80 -0.38 -0.37	24.35 -0.41 -0.43	24.01 -0.44 -0.24	23.54 -0.45 -0.33	23.69 -0.14 0.00	22.26 -0.38 -0.05	20.38 -0.44 -0.10	20.89 -0.13 -0.01	20.49 -0.44 -0.11	20.96 -0.44 -0.24	21.05 -0.46 -0.55	22.38 -0.44 -0.80	22.58 -0.49 -0.70	21.26 -0.60 -0.56	21.21 -0.34 -0.01	20.19 -0.08 0.00
HISHELDN_WT_PWR 323625	18.23 -1.00 0.00	17.00 -0.98 -0.13	16.57 -0.85 -0.04	15.23 -0.83 -0.05	16.90 -0.74 0.00	18.17 -0.70 0.00	21.66 -1.41 0.00	20.11 -1.24 -0.64	22.66 -1.40 -0.26	23.16 -1.49 -0.31	22.90 -1.48 -0.17	22.41 -1.49 -0.24	22.59 -1.24 0.00	21.23 -1.40 -0.03	19.51 -1.28 -0.07	20.03 -0.99 -0.01	19.63 -1.27 -0.08	19.98 -1.36 -0.17	19.97 -1.38 -0.39	21.13 -1.45 -0.57	21.30 -1.57 -0.49	20.03 -1.66 -0.40	20.13 -1.42 0.00	19.30 -0.97 0.00
HOLTSVILLE_IC_1 23690	21.46 2.21 -0.02	20.52 2.00 -0.68	19.54 1.96 -0.18	18.12 1.86 -0.25	19.68 2.03 -0.01	20.91 2.04 -0.01	25.90 2.81 -0.02	29.80 2.46 -6.63	29.94 2.76 -3.37	30.26 2.75 -3.18	28.78 2.78 -1.80	28.92 2.81 -2.44	28.02 2.83 -1.36	27.57 2.60 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.39 2.60 -4.62	29.08 2.58 -5.53	31.19 2.71 -6.46	30.22 2.73 -5.12	28.83 2.47 -5.06	25.09 2.41 -1.13	22.53 2.23 -0.02
HOLTSVILLE_IC_10 23699	21.58 2.33 -0.02	20.61 2.09 -0.68	19.62 2.05 -0.18	18.20 1.94 -0.25	19.77 2.12 -0.01	21.01 2.13 -0.01	26.02 2.93 -0.02	29.90 2.57 -6.63	30.08 2.90 -3.37	30.41 2.89 -3.18	28.93 2.93 -1.80	29.06 2.96 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.16 2.46 -2.98	24.74 2.56 -1.18	27.18 2.54 -3.83	28.51 2.73 -4.61	29.23 2.72 -5.54	31.33 2.84 -6.47	30.38 2.89 -5.12	28.95 2.60 -5.06	25.19 2.52 -1.13	22.63 2.33 -0.02
HOLTSVILLE_IC_2 23691	21.46 2.21 -0.02	20.52 2.00 -0.68	19.54 1.96 -0.18	18.12 1.86 -0.25	19.68 2.03 -0.01	20.91 2.04 -0.01	25.90 2.81 -0.02	29.80 2.46 -6.63	29.94 2.76 -3.37	30.26 2.75 -3.18	28.78 2.78 -1.80	28.92 2.81 -2.44	28.02 2.83 -1.36	27.57 2.60 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.39 2.60 -4.62	29.08 2.58 -5.53	31.19 2.71 -6.46	30.22 2.73 -5.12	28.83 2.47 -5.06	25.09 2.41 -1.13	22.53 2.23 -0.02
HOLTSVILLE_IC_3 23692	21.46 2.21 -0.02	20.52 2.00 -0.68	19.54 1.96 -0.18	18.12 1.86 -0.25	19.68 2.03 -0.01	20.91 2.04 -0.01	25.90 2.81 -0.02	29.80 2.46 -6.63	29.94 2.76 -3.37	30.26 2.75 -3.18	28.78 2.78 -1.80	28.92 2.81 -2.44	28.02 2.83 -1.36	27.57 2.60 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.39 2.60 -4.62	29.08 2.58 -5.53	31.19 2.71 -6.46	30.22 2.73 -5.12	28.83 2.47 -5.06	25.09 2.41 -1.13	22.53 2.23 -0.02
HOLTSVILLE_IC_4 23693	21.46 2.21 -0.02	20.52 2.00 -0.68	19.54 1.96 -0.18	18.12 1.86 -0.25	19.68 2.03 -0.01	20.91 2.04 -0.01	25.90 2.81 -0.02	29.80 2.46 -6.63	29.94 2.76 -3.37	30.26 2.75 -3.18	28.78 2.78 -1.80	28.92 2.81 -2.44	28.02 2.83 -1.36	27.57 2.60 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.39 2.60 -4.62	29.08 2.58 -5.53	31.19 2.71 -6.46	30.22 2.73 -5.12	28.83 2.47 -5.06	25.09 2.41 -1.13	22.53 2.23 -0.02
HOLTSVILLE_IC_5 23694	21.46 2.21 -0.02	20.52 2.00 -0.68	19.54 1.96 -0.18	18.12 1.86 -0.25	19.68 2.03 -0.01	20.91 2.04 -0.01	25.90 2.81 -0.02	29.80 2.46 -6.63	29.94 2.76 -3.37	30.26 2.75 -3.18	28.78 2.78 -1.80	28.92 2.81 -2.44	28.02 2.83 -1.36	27.57 2.60 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.39 2.60 -4.62	29.08 2.58 -5.53	31.19 2.71 -6.46	30.22 2.73 -5.12	28.83 2.47 -5.06	25.09 2.41 -1.13	22.53 2.23 -0.02
HOLTSVILLE_IC_6 23695	21.58 2.33 -0.02	20.61 2.09 -0.68	19.62 2.05 -0.18	18.20 1.94 -0.25	19.77 2.12 -0.01	21.01 2.13 -0.01	26.02 2.93 -0.02	29.90 2.57 -6.63	30.08 2.90 -3.37	30.41 2.89 -3.18	28.93 2.93 -1.80	29.06 2.96 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.16 2.46 -2.98	24.74 2.56 -1.18	27.18 2.54 -3.83	28.51 2.73 -4.61	29.23 2.72 -5.54	31.33 2.84 -6.47	30.38 2.89 -5.12	28.95 2.60 -5.06	25.19 2.52 -1.13	22.63 2.33 -0.02
HOLTSVILLE_IC_7 23696	21.58 2.33 -0.02	20.61 2.09 -0.68	19.62 2.05 -0.18	18.20 1.94 -0.25	19.77 2.12 -0.01	21.01 2.13 -0.01	26.02 2.93 -0.02	29.90 2.57 -6.63	30.08 2.90 -3.37	30.41 2.89 -3.18	28.93 2.93 -1.80	29.06 2.96 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.16 2.46 -2.98	24.74 2.56 -1.18	27.18 2.54 -3.83	28.51 2.73 -4.61	29.23 2.72 -5.54	31.33 2.84 -6.47	30.38 2.89 -5.12	28.95 2.60 -5.06	25.19 2.52 -1.13	22.63 2.33 -0.02
HOLTSVILLE_IC_8 23697	21.58 2.33 -0.02	20.61 2.09 -0.68	19.62 2.05 -0.18	18.20 1.94 -0.25	19.77 2.12 -0.01	21.01 2.13 -0.01	26.02 2.93 -0.02	29.90 2.57 -6.63	30.08 2.90 -3.37	30.41 2.89 -3.18	28.93 2.93 -1.80	29.06 2.96 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.16 2.46 -2.98	24.74 2.56 -1.18	27.18 2.54 -3.83	28.51 2.73 -4.61	29.23 2.72 -5.54	31.33 2.84 -6.47	30.38 2.89 -5.12	28.95 2.60 -5.06	25.19 2.52 -1.13	22.63 2.33 -0.02
HOLTSVILLE_IC_9 23698	21.58 2.33 -0.02	20.61 2.09 -0.68	19.62 2.05 -0.18	18.20 1.94 -0.25	19.77 2.12 -0.01	21.01 2.13 -0.01	26.02 2.93 -0.02	29.90 2.57 -6.63	30.08 2.90 -3.37	30.41 2.89 -3.18	28.93 2.93 -1.80	29.06 2.96 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.16 2.46 -2.98	24.74 2.56 -1.18	27.18 2.54 -3.83	28.51 2.73 -4.61	29.23 2.72 -5.54	31.33 2.84 -6.47	30.38 2.89 -5.12	28.95 2.60 -5.06	25.19 2.52 -1.13	22.63 2.33 -0.02
HOMER_HL_115KV_TB2 355744	18.93 -0.31 0.00	16.99 -1.00 -0.14	16.75 -0.68 -0.04	15.19 -0.88 -0.05	17.47 -0.18 0.00	18.79 -0.08 0.00	22.52 -0.55 0.00	20.20 -1.18 -0.67	22.77 -1.31 -0.28	23.24 -1.41 -0.32	22.98 -1.40 -0.18	22.49 -1.42 -0.25	23.52 -0.31 0.00	21.55 -1.08 -0.04	19.55 -1.24 -0.07	20.81 -0.21 -0.01	19.65 -1.25 -0.08	20.03 -1.31 -0.18	20.03 -1.34 -0.41	21.25 -1.37 -0.59	21.39 -1.50 -0.52	20.10 -1.62 -0.42	20.91 -0.65 -0.01	20.05 -0.22 0.00
HOWARD_WT_PWR 323690	18.16 -1.08 0.00	16.88 -1.12 -0.16	16.46 -0.97 -0.04	15.15 -0.93 -0.06	16.85 -0.79 0.00	18.17 -0.70 0.00	21.89 -1.18 0.00	20.35 -1.10 -0.74	22.97 -1.14 -0.30	23.59 -1.09 -0.36	23.36 -1.04 -0.20	22.85 -1.09 -0.27	22.83 -1.00 0.00	21.37 -1.26 -0.04	19.52 -1.28 -0.08	20.22 -0.80 -0.01	19.81 -1.10 -0.09	20.24 -1.12 -0.19	20.09 -1.32 -0.45	21.36 -1.32 -0.65	21.53 -1.41 -0.57	20.26 -1.49 -0.46	20.35 -1.21 -0.01	19.42 -0.85 0.00
HQ_GEN_CEDARS 23644	8.92 -0.62 9.70	9.92 -0.57 7.35	9.81 -0.56 7.02	9.93 -0.51 5.57	10.31 -0.56 6.77	14.36 -0.60 3.91	11.36 -0.74 10.97	12.18 -0.70 7.83	14.70 -0.83 8.27	14.48 -0.85 9.00	19.35 -0.85 4.01	20.65 -0.85 2.16	24.04 -0.91 -1.12	22.85 -0.84 -1.09	20.98 -0.77 -1.03	16.88 -0.82 3.31	16.87 -0.81 3.13	17.17 -0.83 3.17	16.10 -0.80 4.06	20.02 -0.86 1.14	21.52 -0.85 0.00	20.55 -0.75 0.00	20.79 -0.75 0.00	19.53 -0.75 0.00

HQ_GEN_CEDARS_PROXY 323590	8.91 -0.62 9.70	9.92 -0.57 7.35	9.81 -0.56 7.02	9.93 -0.51 5.57	10.31 -0.57 6.77	14.35 -0.60 3.91	11.36 -0.74 10.97	12.18 -0.70 7.83	14.70 -0.83 8.27	14.48 -0.85 9.00	19.35 -0.85 4.01	20.65 -0.85 2.16	24.04 -0.91 -1.12	22.87 -0.81 -1.09	20.98 -0.77 -1.03	16.88 -0.82 3.31	16.87 -0.81 3.13	17.17 -0.83 3.17	16.10 -0.80 4.06	20.02 -0.86 1.14	21.52 -0.85 0.00	20.55 -0.75 0.00	20.79 -0.75 0.00	19.53 -0.75 0.00
HQ_GEN_IMPORT 323601	16.23 -0.40 2.60	15.47 -0.36 2.02	15.11 -0.35 1.93	14.13 -0.32 1.57	15.40 -0.37 1.87	17.28 -0.40 1.19	19.67 -0.46 2.94	18.12 -0.44 2.16	21.01 -0.50 2.29	21.35 -0.51 2.47	22.44 -0.51 1.26	22.34 -0.52 0.80	23.28 -0.55 0.00	22.10 -0.50 0.00	20.26 -0.46 0.00	19.46 -0.48 1.06	19.34 -0.46 1.01	19.67 -0.47 1.03	19.26 -0.46 1.24	21.25 -0.48 0.29	21.90 -0.47 0.00	20.87 -0.43 0.00	21.09 -0.45 0.00	19.85 -0.43 0.00
HQ_GEN_WHEEL 23651	16.23 -0.40 2.60	15.47 -0.36 2.02	15.11 -0.35 1.93	14.13 -0.32 1.57	15.40 -0.37 1.87	17.28 -0.40 1.19	19.67 -0.46 2.94	18.12 -0.44 2.16	21.01 -0.50 2.29	21.35 -0.51 2.47	22.44 -0.51 1.26	22.34 -0.52 0.80	23.28 -0.55 0.00	22.10 -0.50 0.00	20.26 -0.46 0.00	19.46 -0.48 1.06	19.34 -0.46 1.01	19.67 -0.47 1.03	19.26 -0.46 1.24	21.25 -0.48 0.29	21.90 -0.47 0.00	20.87 -0.43 0.00	21.09 -0.45 0.00	19.85 -0.43 0.00
HUDSON_AVE_GT_3 23810	21.06 1.79 -0.03	20.09 1.57 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.74 1.99 -11.04	37.77 2.33 -11.63	45.12 2.36 -18.42	35.94 2.37 -9.37	35.96 2.34 -9.95	36.24 2.38 -10.03	36.01 2.24 -11.18	34.00 2.07 -11.21	33.95 2.12 -10.83	34.02 2.10 -11.10	35.76 2.14 -12.46	36.05 2.12 -12.97	35.94 2.20 -11.71	34.08 2.21 -9.49	30.28 2.04 -6.94	28.51 2.05 -4.91	22.10 1.82 0.00
HUDSON_AVE_GT_4 23540	21.06 1.79 -0.03	20.09 1.57 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.74 1.99 -11.04	37.77 2.33 -11.63	45.12 2.36 -18.42	35.94 2.37 -9.37	35.96 2.34 -9.95	36.24 2.38 -10.03	36.01 2.24 -11.18	34.00 2.07 -11.21	33.95 2.12 -10.83	34.02 2.10 -11.10	35.76 2.14 -12.46	36.05 2.12 -12.97	35.94 2.20 -11.71	34.08 2.21 -9.49	30.28 2.04 -6.94	28.51 2.05 -4.91	22.10 1.82 0.00
HUDSON_AVE_GT_5 23657	21.06 1.79 -0.03	20.09 1.57 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.74 1.99 -11.04	37.77 2.33 -11.63	45.12 2.36 -18.42	35.94 2.37 -9.37	35.96 2.34 -9.95	36.24 2.38 -10.03	36.01 2.24 -11.18	34.00 2.07 -11.21	33.95 2.12 -10.83	34.02 2.10 -11.10	35.76 2.14 -12.46	36.05 2.12 -12.97	35.94 2.20 -11.71	34.08 2.21 -9.49	30.28 2.04 -6.94	28.51 2.05 -4.91	22.10 1.82 0.00
HUDSON_AVE_10 24168	21.02 1.75 -0.03	20.05 1.53 -0.67	19.06 1.50 -0.17	17.67 1.41 -0.24	19.16 1.52 0.00	20.47 1.60 0.00	25.30 2.21 -0.02	33.74 1.99 -11.04	37.77 2.33 -11.63	45.12 2.36 -18.42	35.92 2.35 -9.37	35.94 2.32 -9.95	36.21 2.36 -10.03	35.99 2.21 -11.18	33.98 2.05 -11.21	33.93 2.10 -10.83	34.00 2.08 -11.10	35.74 2.12 -12.46	36.03 2.10 -12.97	35.94 2.20 -11.71	34.06 2.19 -9.49	30.26 2.02 -6.94	28.49 2.03 -4.91	22.06 1.78 0.00
HUDSON___115KV_TB 4 355613	20.24 1.00 0.00	19.50 0.86 -0.79	18.54 0.94 -0.21	17.06 0.75 -0.28	18.61 0.97 0.00	19.89 1.02 0.00	24.11 1.04 0.00	29.37 0.77 -7.89	27.95 0.90 -3.24	29.05 0.92 -3.79	27.11 0.77 -2.14	27.33 0.78 -2.89	24.73 0.91 0.00	23.84 0.81 -0.43	22.27 0.68 -0.87	21.97 0.84 -0.12	22.54 0.73 -0.99	24.00 0.76 -2.07	26.54 0.78 -4.80	29.83 0.84 -6.97	29.35 0.89 -6.08	27.03 0.85 -4.88	22.58 0.97 -0.06	21.11 0.83 0.00
HUNTER MOUNT___DRP 323613	20.24 1.00 0.00	19.40 0.79 -0.77	18.55 0.96 -0.20	16.98 0.69 -0.28	18.63 0.99 0.00	19.92 1.06 0.00	24.11 1.04 0.00	29.04 0.68 -7.65	27.74 0.79 -3.14	28.84 0.83 -3.68	26.90 0.63 -2.07	27.08 0.62 -2.80	24.64 0.81 0.00	23.69 0.68 -0.41	22.10 0.54 -0.84	21.86 0.74 -0.12	22.36 0.58 -0.96	23.79 0.61 -2.01	26.25 0.63 -4.65	29.51 0.73 -6.76	29.07 0.81 -5.90	26.80 0.77 -4.73	22.58 0.97 -0.06	21.11 0.83 0.00
HUNTINGTON_RES_REC 323705	21.37 2.12 -0.02	20.41 1.89 -0.68	19.42 1.84 -0.18	18.00 1.73 -0.25	19.54 1.89 -0.01	20.82 1.94 -0.01	25.71 2.63 -0.02	29.66 2.32 -6.63	29.80 2.62 -3.37	30.14 2.63 -3.18	28.59 2.59 -1.80	28.66 2.56 -2.44	27.81 2.62 -1.36	27.41 2.44 -2.38	26.00 2.30 -2.98	24.55 2.37 -1.18	27.00 2.35 -3.83	28.19 2.41 -4.61	28.78 2.39 -5.43	30.85 2.47 -6.36	29.95 2.48 -5.10	28.64 2.28 -5.06	25.00 2.33 -1.13	22.42 2.13 -0.02
HUNTLEY___63 23557	18.31 -0.92 0.00	17.13 -0.84 -0.12	16.66 -0.77 -0.03	15.33 -0.74 -0.04	16.92 -0.72 0.00	18.19 -0.68 0.00	21.57 -1.50 0.00	20.18 -1.10 -0.57	22.85 -1.19 -0.23	23.29 -1.31 -0.27	23.10 -1.26 -0.15	22.57 -1.30 -0.21	22.71 -1.12 0.00	21.47 -1.15 -0.03	19.75 -1.04 -0.06	20.15 -0.86 -0.01	19.85 -1.04 -0.07	20.20 -1.12 -0.15	20.18 -1.13 -0.35	21.32 -1.21 -0.51	21.47 -1.34 -0.44	20.18 -1.47 -0.35	20.19 -1.36 0.00	19.44 -0.83 0.00
HUNTLEY___64 23558	18.31 -0.92 0.00	17.13 -0.84 -0.12	16.66 -0.77 -0.03	15.33 -0.74 -0.04	16.92 -0.72 0.00	18.19 -0.68 0.00	21.57 -1.50 0.00	20.18 -1.10 -0.57	22.85 -1.19 -0.23	23.29 -1.31 -0.27	23.10 -1.26 -0.15	22.57 -1.30 -0.21	22.71 -1.12 0.00	21.47 -1.15 -0.03	19.75 -1.04 -0.06	20.15 -0.86 -0.01	19.85 -1.04 -0.07	20.20 -1.12 -0.15	20.18 -1.13 -0.35	21.32 -1.21 -0.51	21.47 -1.34 -0.44	20.18 -1.47 -0.35	20.19 -1.36 0.00	19.44 -0.83 0.00
HUNTLEY___65 23559	18.31 -0.92 0.00	17.13 -0.84 -0.12	16.66 -0.77 -0.03	15.33 -0.74 -0.04	16.92 -0.72 0.00	18.19 -0.68 0.00	21.57 -1.50 0.00	20.18 -1.10 -0.57	22.85 -1.19 -0.23	23.29 -1.31 -0.27	23.10 -1.26 -0.15	22.57 -1.30 -0.21	22.71 -1.12 0.00	21.47 -1.15 -0.03	19.75 -1.04 -0.06	20.15 -0.86 -0.01	19.85 -1.04 -0.07	20.20 -1.12 -0.15	20.18 -1.13 -0.35	21.32 -1.21 -0.51	21.47 -1.34 -0.44	20.18 -1.47 -0.35	20.19 -1.36 0.00	19.44 -0.83 0.00
HUNTLEY___66 23560	18.31 -0.92 0.00	17.13 -0.84 -0.12	16.66 -0.77 -0.03	15.33 -0.74 -0.04	16.92 -0.72 0.00	18.19 -0.68 0.00	21.57 -1.50 0.00	20.18 -1.10 -0.57	22.85 -1.19 -0.23	23.29 -1.31 -0.27	23.10 -1.26 -0.15	22.57 -1.30 -0.21	22.71 -1.12 0.00	21.47 -1.15 -0.03	19.75 -1.04 -0.06	20.15 -0.86 -0.01	19.85 -1.04 -0.07	20.20 -1.12 -0.15	20.18 -1.13 -0.35	21.32 -1.21 -0.51	21.47 -1.34 -0.44	20.18 -1.47 -0.35	20.19 -1.36 0.00	19.44 -0.83 0.00
HUNTLEY___67 23561	18.27 -0.96 0.00	17.06 -0.91 -0.12	16.59 -0.83 -0.03	15.28 -0.78 -0.04	16.87 -0.78 0.00	18.15 -0.72 0.00	21.57 -1.50 0.00	20.13 -1.16 -0.58	22.76 -1.29 -0.24	23.20 -1.41 -0.28	22.98 -1.38 -0.16	22.48 -1.40 -0.21	22.64 -1.19 0.00	21.36 -1.27 -0.03	19.64 -1.14 -0.06	20.09 -0.92 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.15	20.10 -1.22 -0.35	21.24 -1.30 -0.52	21.41 -1.41 -0.45	20.10 -1.55 -0.36	20.15 -1.40 0.00	19.40 -0.87 0.00

HUNTLEY___68 23562	18.27 -0.96 0.00	17.06 -0.91 -0.12	16.59 -0.83 -0.03	15.28 -0.78 -0.04	16.87 -0.78 0.00	18.15 -0.72 0.00	21.57 -1.50 0.00	20.13 -1.16 -0.58	22.76 -1.29 -0.24	23.20 -1.41 -0.28	22.98 -1.38 -0.16	22.48 -1.40 -0.21	22.64 -1.19 0.00	21.36 -1.27 -0.03	19.64 -1.14 -0.06	20.09 -0.92 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.15	20.10 -1.22 -0.35	21.24 -1.30 -0.52	21.41 -1.41 -0.45	20.10 -1.55 -0.36	20.15 -1.40 0.00	19.40 -0.87 0.00
HYLAND___LFGE 323620	19.16 -0.08 0.00	17.94 -0.04 -0.13	17.41 -0.02 -0.03	16.02 -0.05 -0.05	17.61 -0.04 0.00	19.02 0.15 0.00	22.86 -0.21 0.00	21.44 0.10 -0.62	24.18 0.12 -0.26	24.51 -0.12 -0.30	24.08 -0.29 -0.17	23.54 -0.35 -0.23	23.38 -0.45 0.00	22.13 -0.50 -0.03	20.37 -0.41 -0.07	20.80 -0.21 -0.01	20.77 -0.12 -0.08	21.35 0.02 -0.16	21.47 0.13 -0.38	22.70 0.13 -0.55	23.03 0.18 -0.48	21.79 0.11 -0.38	21.62 0.06 0.00	20.56 0.28 0.00
INDECK___CORINTH 23802	19.87 0.63 0.00	19.35 0.66 -0.84	18.22 0.61 -0.22	16.83 0.51 -0.30	18.28 0.63 0.00	19.53 0.66 0.00	24.04 0.97 0.00	29.82 0.85 -8.26	28.22 1.02 -3.40	29.42 1.12 -3.97	27.53 1.09 -2.24	27.76 1.07 -3.03	24.81 0.98 0.00	23.90 0.86 -0.45	22.33 0.70 -0.91	21.91 0.78 -0.13	22.58 0.73 -1.04	24.12 0.78 -2.17	26.80 0.82 -5.02	30.18 0.86 -7.30	29.70 0.96 -6.37	27.33 0.92 -5.11	22.45 0.84 -0.06	20.92 0.65 0.00
INDECK___ILION 23567	19.71 -0.06 -0.53	18.21 -0.05 -0.41	17.73 -0.05 -0.40	16.29 -0.05 -0.32	17.97 -0.05 -0.38	19.05 -0.06 -0.24	23.62 -0.05 -0.60	21.13 -0.02 -0.44	24.25 -0.02 -0.46	24.86 0.02 -0.50	24.50 0.05 -0.25	23.90 0.07 -0.16	23.92 0.10 0.00	22.66 0.07 0.00	20.76 0.04 0.00	21.26 0.04 -0.21	21.07 0.04 -0.21	21.44 0.06 -0.21	21.30 0.08 -0.26	22.19 0.11 -0.06	22.46 0.09 0.00	21.36 0.06 0.00	21.61 0.06 0.00	20.32 0.04 0.00
INDECK___OLEAN 23982	18.93 -0.31 0.00	16.99 -1.00 -0.14	16.68 -0.75 -0.04	15.20 -0.87 -0.05	17.47 -0.18 0.00	18.79 -0.08 0.00	22.56 -0.51 0.00	20.20 -1.18 -0.67	22.77 -1.31 -0.28	23.24 -1.41 -0.32	22.98 -1.40 -0.18	22.49 -1.42 -0.25	23.52 -0.31 0.00	21.37 -1.26 -0.04	19.55 -1.24 -0.07	20.81 -0.21 -0.01	19.65 -1.25 -0.08	20.03 -1.31 -0.18	20.03 -1.34 -0.41	21.25 -1.37 -0.59	21.39 -1.50 -0.51	20.09 -1.62 -0.41	20.91 -0.65 -0.01	20.05 -0.22 0.00
INDECK___OSWEGO 23783	18.48 -0.44 0.31	17.28 -0.39 0.18	16.79 -0.38 0.21	15.50 -0.35 0.16	17.02 -0.41 0.22	18.33 -0.40 0.14	22.50 0.02 0.60	20.74 0.15 0.12	23.64 0.17 0.33	24.20 0.22 0.35	24.25 0.22 0.17	23.86 0.24 0.05	24.07 0.24 0.00	22.77 0.16 -0.02	20.88 0.13 -0.04	20.88 0.08 0.21	20.23 -0.50 0.08	20.61 -0.51 0.05	20.49 -0.50 -0.03	21.72 -0.53 -0.23	22.08 -0.51 -0.23	21.01 -0.47 -0.18	21.10 -0.45 0.00	19.93 -0.34 0.00
INDECK___YERKES 23781	18.33 -0.90 0.00	17.15 -0.82 -0.12	16.66 -0.76 -0.03	15.36 -0.70 -0.04	16.94 -0.71 0.00	18.21 -0.66 0.00	21.64 -1.43 0.00	20.20 -1.08 -0.57	22.87 -1.17 -0.23	23.34 -1.27 -0.27	23.12 -1.23 -0.15	22.59 -1.28 -0.21	22.73 -1.10 0.00	21.50 -1.13 -0.03	19.79 -0.99 -0.06	20.19 -0.82 -0.01	19.87 -1.02 -0.07	20.22 -1.10 -0.15	20.20 -1.11 -0.35	21.34 -1.19 -0.50	21.49 -1.32 -0.44	20.20 -1.45 -0.35	20.24 -1.32 0.00	19.46 -0.81 0.00
INDIAN POINT_GT_1 24139	20.83 1.60 0.00	19.92 1.41 -0.67	18.94 1.37 -0.17	17.56 1.30 -0.24	19.04 1.39 0.00	20.32 1.45 0.00	25.08 2.01 0.00	29.07 1.78 -6.58	28.58 2.07 -2.71	29.59 2.09 -3.16	28.09 2.11 -1.78	28.16 2.08 -2.41	25.95 2.12 0.00	24.94 1.99 -0.36	23.29 1.84 -0.72	23.00 1.89 -0.10	23.52 1.87 -0.83	24.80 1.91 -1.73	26.85 1.89 -4.00	29.80 1.96 -5.82	29.41 1.97 -5.07	27.20 1.83 -4.07	23.41 1.81 -0.05	21.88 1.60 0.00
INDIAN POINT_GT_2 23659	20.83 1.60 0.00	19.92 1.41 -0.67	18.94 1.37 -0.17	17.56 1.30 -0.24	19.04 1.39 0.00	20.32 1.45 0.00	25.08 2.01 0.00	29.07 1.78 -6.58	28.58 2.07 -2.71	29.59 2.09 -3.16	28.09 2.11 -1.78	28.16 2.08 -2.41	25.95 2.12 0.00	24.94 1.99 -0.36	23.29 1.84 -0.72	23.00 1.89 -0.10	23.52 1.87 -0.83	24.80 1.91 -1.73	26.85 1.89 -4.00	29.80 1.96 -5.82	29.41 1.97 -5.07	27.20 1.83 -4.07	23.41 1.81 -0.05	21.88 1.60 0.00
INDIAN POINT_GT_3 24019	20.83 1.60 0.00	19.92 1.41 -0.67	18.94 1.37 -0.17	17.56 1.30 -0.24	19.04 1.39 0.00	20.32 1.45 0.00	25.08 2.01 0.00	29.07 1.78 -6.58	28.58 2.07 -2.71	29.59 2.09 -3.16	28.09 2.11 -1.78	28.16 2.08 -2.41	25.95 2.12 0.00	24.94 1.99 -0.36	23.29 1.84 -0.72	23.00 1.89 -0.10	23.52 1.87 -0.83	24.80 1.91 -1.73	26.85 1.89 -4.00	29.80 1.96 -5.82	29.41 1.97 -5.07	27.20 1.83 -4.07	23.41 1.81 -0.05	21.88 1.60 0.00
INDIAN POINT___2 23530	20.85 1.62 0.00	19.92 1.41 -0.67	18.96 1.39 -0.17	17.57 1.31 -0.24	19.06 1.41 0.00	20.34 1.47 0.00	25.10 2.03 0.00	29.11 1.80 -6.60	28.61 2.10 -2.71	29.62 2.12 -3.17	28.12 2.13 -1.79	28.19 2.11 -2.42	25.97 2.15 0.00	24.96 2.01 -0.36	23.31 1.87 -0.73	23.02 1.91 -0.10	23.54 1.89 -0.83	24.82 1.93 -1.73	26.88 1.91 -4.01	29.83 1.98 -5.83	29.45 1.99 -5.09	27.23 1.85 -4.08	23.43 1.83 -0.05	21.92 1.64 0.00
INDIAN POINT___3 23531	20.72 1.48 0.00	19.81 1.30 -0.66	18.85 1.29 -0.17	17.46 1.20 -0.24	18.95 1.31 0.00	20.23 1.36 0.00	24.94 1.87 0.00	28.82 1.66 -6.46	28.39 1.93 -2.65	29.38 1.95 -3.10	27.91 1.96 -1.75	27.97 1.94 -2.36	25.78 1.95 0.00	24.80 1.85 -0.35	23.15 1.72 -0.71	22.85 1.74 -0.10	23.38 1.75 -0.81	24.62 1.76 -1.69	26.63 1.74 -3.93	29.55 1.83 -5.70	29.18 1.83 -4.98	27.00 1.70 -3.99	23.28 1.68 -0.05	21.78 1.50 0.00
INGHAM_C_115KV_TB7 356103	19.25 -0.52 -0.53	17.78 -0.48 -0.41	17.32 -0.47 -0.40	15.89 -0.45 -0.32	17.55 -0.48 -0.38	18.58 -0.53 -0.24	23.09 -0.58 -0.60	20.65 -0.50 -0.44	23.72 -0.55 -0.46	24.37 -0.46 -0.50	24.07 -0.39 -0.25	23.49 -0.33 -0.16	23.54 -0.29 0.00	22.30 -0.29 0.00	20.41 -0.31 0.00	20.84 -0.38 -0.21	20.69 -0.33 -0.21	21.08 -0.30 -0.21	20.95 -0.27 -0.26	21.82 -0.26 -0.06	22.08 -0.29 0.00	21.02 -0.28 0.00	21.27 -0.28 0.00	19.97 -0.30 0.00
IP CORINTH___1 23988	19.87 0.63 0.00	19.35 0.66 -0.84	18.22 0.61 -0.22	16.83 0.51 -0.30	18.28 0.64 0.00	19.53 0.66 0.00	24.04 0.97 0.00	29.82 0.85 -8.26	28.25 1.05 -3.40	29.42 1.12 -3.97	27.53 1.09 -2.24	27.75 1.06 -3.03	24.81 0.98 0.00	23.90 0.86 -0.45	22.33 0.70 -0.91	21.91 0.78 -0.13	22.58 0.73 -1.04	24.12 0.78 -2.17	26.81 0.82 -5.02	30.18 0.86 -7.30	29.70 0.96 -6.37	27.33 0.92 -5.11	22.45 0.84 -0.06	20.92 0.65 0.00
IP___TICONDEROGA 23804	20.29 1.06 0.00	19.83 1.14 -0.84	18.64 1.03 -0.22	17.17 0.85 -0.30	18.70 1.06 0.00	20.02 1.15 0.00	24.71 1.64 0.00	30.37 1.41 -8.26	28.98 1.79 -3.39	30.25 1.95 -3.97	28.28 1.84 -2.24	28.49 1.80 -3.02	25.50 1.67 0.00	24.47 1.42 -0.45	22.77 1.14 -0.91	22.41 1.28 -0.13	23.02 1.17 -1.04	24.58 1.25 -2.16	27.30 1.32 -5.02	30.70 1.39 -7.29	30.32 1.59 -6.36	27.94 1.53 -5.11	23.03 1.42 -0.06	21.39 1.12 0.00

ISLIP_RES_REC 323679	21.66 2.40 -0.02	20.70 2.18 -0.68	19.69 2.12 -0.18	18.27 2.00 -0.25	19.86 2.21 -0.01	21.10 2.23 -0.01	26.11 3.02 -0.02	30.03 2.69 -6.63	30.23 3.05 -3.37	30.56 3.04 -3.18	29.07 3.07 -1.80	29.21 3.10 -2.44	28.31 3.12 -1.36	27.82 2.85 -2.38	26.27 2.57 -2.98	24.85 2.67 -1.18	27.29 2.64 -3.83	28.64 2.86 -4.61	29.35 2.85 -5.53	31.48 2.99 -6.46	30.51 3.02 -5.12	29.08 2.73 -5.06	25.30 2.63 -1.13	22.73 2.43 -0.02
JAMAICA__27_KV_LOAD 355505	21.11 1.85 -0.03	20.14 1.62 -0.67	19.15 1.58 -0.17	17.76 1.51 -0.24	19.25 1.61 0.00	20.60 1.74 0.00	25.48 2.40 -0.02	33.93 2.17 -11.04	38.03 2.59 -11.63	45.38 2.63 -18.42	36.13 2.57 -9.37	36.13 2.51 -9.95	36.40 2.55 -10.03	36.17 2.40 -11.18	34.14 2.22 -11.21	34.10 2.27 -10.83	34.19 2.27 -11.10	35.95 2.33 -12.46	36.24 2.31 -12.97	36.18 2.44 -11.71	34.30 2.44 -9.49	30.43 2.19 -6.94	28.68 2.22 -4.91	22.22 1.95 0.00
JANIS__SOLAR 323808	19.81 0.58 0.00	18.52 0.46 -0.21	17.88 0.43 -0.05	16.48 0.38 -0.07	18.17 0.53 0.00	19.58 0.72 0.00	24.08 1.01 0.00	22.74 1.04 -0.99	25.26 1.05 -0.41	25.91 1.10 -0.48	25.44 0.97 -0.27	24.98 0.95 -0.36	24.85 1.02 0.00	23.42 0.77 -0.05	21.53 0.70 -0.11	21.80 0.78 -0.02	21.42 0.48 -0.12	21.99 0.57 -0.25	22.20 0.65 -0.58	23.71 0.84 -0.85	23.89 0.78 -0.74	22.51 0.62 -0.59	22.26 0.71 -0.01	21.03 0.75 0.00
JARVIS____ 23743	19.94 0.17 -0.53	18.42 0.16 -0.41	17.94 0.16 -0.40	16.48 0.14 -0.32	18.19 0.16 -0.38	19.28 0.17 -0.24	23.87 0.21 -0.60	21.33 0.19 -0.44	24.48 0.21 -0.46	25.05 0.22 -0.50	24.67 0.22 -0.25	24.06 0.24 -0.16	24.07 0.24 0.00	22.82 0.23 0.00	20.93 0.21 0.00	21.43 0.21 -0.21	21.23 0.21 -0.21	21.59 0.21 -0.21	21.43 0.21 -0.26	22.32 0.24 -0.06	22.59 0.22 0.00	21.51 0.21 0.00	21.76 0.22 0.00	20.46 0.18 0.00
JENNISON__1 23625	20.56 1.33 0.00	19.27 1.16 -0.27	18.52 1.06 -0.07	17.08 0.96 -0.09	18.84 1.20 0.00	20.32 1.45 0.00	25.15 2.08 0.00	23.97 2.01 -1.26	26.46 2.14 -0.52	27.27 2.34 -0.60	26.72 2.18 -0.34	26.25 2.13 -0.46	26.05 2.22 0.00	24.61 1.94 -0.07	22.58 1.72 -0.14	22.79 1.76 -0.02	21.79 0.81 -0.16	22.34 0.87 -0.31	22.60 0.92 -0.72	24.17 1.10 -1.04	24.29 1.01 -0.91	22.86 0.83 -0.73	22.50 0.95 -0.01	21.25 0.97 0.00
JENNISON__2 23626	20.56 1.33 0.00	19.27 1.16 -0.27	18.52 1.06 -0.07	17.08 0.96 -0.09	18.84 1.20 0.00	20.32 1.45 0.00	25.15 2.08 0.00	23.97 2.01 -1.26	26.46 2.14 -0.52	27.27 2.34 -0.60	26.72 2.18 -0.34	26.25 2.13 -0.46	26.05 2.22 0.00	24.61 1.94 -0.07	22.58 1.72 -0.14	22.79 1.76 -0.02	21.79 0.81 -0.16	22.34 0.87 -0.31	22.60 0.92 -0.72	24.17 1.10 -1.04	24.29 1.01 -0.91	22.86 0.83 -0.73	22.50 0.95 -0.01	21.25 0.97 0.00
JERICHO_RISE_WT_PWR 323719	-7.32 -1.35 25.21	-7.46 -1.23 24.07	-7.37 -1.22 23.55	-7.45 -1.11 22.36	-7.29 -1.24 23.69	-7.49 -1.32 25.04	-7.02 -1.57 28.52	-7.13 -1.43 26.41	-7.05 -1.67 29.19	-7.08 -1.70 29.71	-7.45 -1.72 29.93	-7.64 -1.73 29.58	-7.74 -1.79 29.78	-7.82 -1.65 28.77	-7.91 -1.53 27.10	-7.77 -1.60 27.18	-7.82 -1.54 27.10	-7.83 -1.57 27.43	-7.57 -1.55 26.98	19.39 -1.45 1.17	21.03 -1.34 0.00	20.15 -1.15 0.00	20.47 -1.08 0.00	19.22 -1.06 0.00
KATONAH__115KV_46KV_TB4 355592	20.85 1.62 0.00	19.98 1.46 -0.67	19.01 1.44 -0.18	17.61 1.35 -0.24	19.07 1.43 0.00	20.38 1.51 0.00	25.15 2.08 0.00	29.20 1.82 -6.66	28.69 2.14 -2.74	29.72 2.19 -3.20	28.19 2.18 -1.81	28.28 2.18 -2.44	26.02 2.19 0.00	24.99 2.03 -0.36	23.34 1.89 -0.73	23.04 1.93 -0.10	23.57 1.92 -0.84	24.84 1.93 -1.75	26.92 1.91 -4.05	29.87 1.96 -5.89	29.50 1.99 -5.14	27.30 1.87 -4.12	23.43 1.83 -0.05	21.90 1.62 0.00
KCE_NY_1 323755	20.12 0.89 0.00	19.58 0.89 -0.84	18.44 0.83 -0.22	17.06 0.74 -0.30	18.51 0.86 0.00	19.75 0.89 0.00	24.27 1.20 0.00	30.01 1.06 -8.25	28.43 1.24 -3.39	29.61 1.31 -3.96	27.72 1.28 -2.24	27.94 1.25 -3.02	25.04 1.21 0.00	24.15 1.11 -0.45	22.58 0.95 -0.91	22.16 1.03 -0.13	22.85 1.00 -1.04	24.37 1.04 -2.16	27.05 1.07 -5.01	30.43 1.12 -7.29	29.91 1.18 -6.36	27.51 1.11 -5.10	22.69 1.08 -0.06	21.17 0.89 0.00
KCE_NY_6_ESR 323823	18.52 -0.71 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.36 -0.70 -0.05	17.10 -0.55 0.00	18.40 -0.47 0.00	21.92 -1.15 0.00	20.28 -1.03 -0.60	22.91 -1.14 -0.25	23.41 -1.22 -0.29	23.16 -1.21 -0.16	22.65 -1.23 -0.22	22.99 -0.83 0.00	21.52 -1.11 -0.03	19.79 -0.99 -0.07	20.40 -0.61 -0.01	19.87 -1.02 -0.08	20.22 -1.10 -0.16	20.22 -1.11 -0.37	21.39 -1.17 -0.53	21.54 -1.30 -0.46	20.24 -1.43 -0.37	20.48 -1.08 0.00	19.65 -0.63 0.00
KEDC_PORT_JEFF_GT2 24210	21.56 2.31 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.17 1.91 -0.25	19.73 2.08 -0.01	20.99 2.11 -0.01	25.97 2.88 -0.02	29.88 2.55 -6.63	30.06 2.88 -3.37	30.38 2.87 -3.18	28.90 2.90 -1.80	29.02 2.91 -2.44	28.12 2.93 -1.36	27.66 2.69 -2.38	26.14 2.44 -2.98	24.72 2.54 -1.18	27.18 2.54 -3.83	28.49 2.71 -4.61	29.22 2.71 -5.55	31.32 2.82 -6.48	30.34 2.84 -5.13	28.93 2.58 -5.06	25.17 2.50 -1.13	22.61 2.31 -0.02
KEDC_PORT_JEFF_GT3 24211	21.56 2.31 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.17 1.91 -0.25	19.73 2.08 -0.01	20.99 2.11 -0.01	25.97 2.88 -0.02	29.88 2.55 -6.63	30.06 2.88 -3.37	30.38 2.87 -3.18	28.90 2.90 -1.80	29.02 2.91 -2.44	28.12 2.93 -1.36	27.66 2.69 -2.38	26.14 2.44 -2.98	24.72 2.54 -1.18	27.18 2.54 -3.83	28.49 2.71 -4.61	29.22 2.71 -5.55	31.32 2.82 -6.48	30.34 2.84 -5.13	28.93 2.58 -5.06	25.17 2.50 -1.13	22.61 2.31 -0.02
KEDC_GLWD_GT4 24219	21.09 1.85 -0.01	20.15 1.62 -0.68	19.17 1.60 -0.18	17.76 1.49 -0.25	19.27 1.62 -0.01	20.57 1.70 -0.01	25.39 2.31 -0.01	29.36 2.03 -6.62	29.53 2.36 -3.37	29.95 2.43 -3.18	28.44 2.44 -1.80	28.49 2.39 -2.44	27.62 2.43 -1.36	27.23 2.26 -2.37	25.79 2.09 -2.98	24.32 2.14 -1.17	26.76 2.12 -3.83	27.94 2.16 -4.61	28.58 2.14 -5.47	30.65 2.22 -6.40	29.72 2.24 -5.11	28.42 2.07 -5.05	24.74 2.07 -1.12	22.16 1.86 -0.02
KEDC_GLWD_GT5 24220	21.09 1.85 -0.01	20.15 1.62 -0.68	19.17 1.60 -0.18	17.76 1.49 -0.25	19.27 1.62 -0.01	20.57 1.70 -0.01	25.39 2.31 -0.01	29.36 2.03 -6.62	29.53 2.36 -3.37	29.95 2.43 -3.18	28.44 2.44 -1.80	28.49 2.39 -2.44	27.62 2.43 -1.36	27.23 2.26 -2.37	25.79 2.09 -2.98	24.32 2.14 -1.17	26.76 2.12 -3.83	27.94 2.16 -4.61	28.58 2.14 -5.47	30.65 2.22 -6.40	29.72 2.24 -5.11	28.42 2.07 -5.05	24.74 2.07 -1.12	22.16 1.86 -0.02
KENSICO____ 23655	20.83 1.60 0.00	19.92 1.41 -0.67	18.96 1.39 -0.17	17.56 1.30 -0.24	19.05 1.41 0.00	20.34 1.47 0.00	25.10 2.03 0.00	29.10 1.80 -6.59	28.61 2.09 -2.71	29.62 2.12 -3.17	28.09 2.11 -1.79	28.18 2.11 -2.41	25.97 2.14 0.00	24.96 2.01 -0.36	23.31 1.86 -0.73	23.00 1.89 -0.10	23.54 1.89 -0.83	24.82 1.93 -1.73	26.86 1.89 -4.01	29.83 1.98 -5.82	29.44 1.99 -5.08	27.21 1.83 -4.08	23.43 1.83 -0.05	21.90 1.62 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.74 1.50 0.00	19.79 1.32 -0.62	18.86 1.30 -0.16	17.44 1.20 -0.22	18.98 1.34 0.00	20.30 1.43 0.00	25.05 1.98 0.00	28.40 1.76 -5.93	28.26 2.02 -2.44	29.22 2.04 -2.85	27.77 1.96 -1.61	27.80 1.96 -2.17	25.83 2.00 0.00	24.79 1.88 -0.32	23.11 1.74 -0.65	22.86 1.76 -0.09	23.35 1.79 -0.75	24.54 1.82 -1.55	26.39 1.82 -3.60	29.24 1.98 -5.24	28.93 1.99 -4.57	26.88 1.92 -3.67	23.45 1.85 -0.04	21.96 1.68 0.00
KIAC_JFK_GT1 23816	21.08 1.81 -0.03	20.09 1.57 -0.67	19.11 1.55 -0.17	17.72 1.46 -0.24	19.21 1.57 0.00	20.55 1.68 0.00	25.42 2.33 -0.02	33.86 2.11 -11.04	37.96 2.52 -11.63	45.31 2.55 -18.42	36.06 2.49 -9.37	36.08 2.46 -9.95	36.36 2.50 -10.03	36.10 2.33 -11.18	34.08 2.15 -11.21	34.04 2.21 -10.83	34.13 2.21 -11.10	35.89 2.26 -12.46	36.18 2.24 -12.97	36.09 2.36 -11.71	34.24 2.37 -9.49	30.36 2.13 -6.94	28.62 2.15 -4.91	22.16 1.89 0.00
KIAC_JFK_GT2 23817	21.08 1.81 -0.03	20.09 1.57 -0.67	19.11 1.55 -0.17	17.72 1.46 -0.24	19.21 1.57 0.00	20.55 1.68 0.00	25.42 2.33 -0.02	33.86 2.11 -11.04	37.96 2.52 -11.63	45.31 2.55 -18.42	36.06 2.49 -9.37	36.08 2.46 -9.95	36.36 2.50 -10.03	36.10 2.33 -11.18	34.08 2.15 -11.21	34.04 2.21 -10.83	34.13 2.21 -11.10	35.89 2.26 -12.46	36.18 2.24 -12.97	36.09 2.36 -11.71	34.24 2.37 -9.49	30.36 2.13 -6.94	28.62 2.15 -4.91	22.16 1.89 0.00
KIAC_JFK____ 323774	21.08 1.81 -0.03	20.09 1.57 -0.68	19.12 1.55 -0.18	17.72 1.46 -0.25	19.22 1.57 -0.01	20.55 1.68 -0.01	25.39 2.31 -0.02	33.86 2.11 -11.04	37.96 2.52 -11.63	45.31 2.55 -18.42	36.06 2.49 -9.37	36.08 2.46 -9.95	36.36 2.50 -10.03	36.10 2.33 -11.18	34.08 2.15 -11.21	34.04 2.20 -10.83	34.13 2.21 -11.10	35.89 2.27 -12.46	36.18 2.24 -12.97	36.09 2.36 -11.71	34.24 2.37 -9.49	30.36 2.13 -6.94	28.62 2.15 -4.91	22.17 1.89 -0.01
KINTIGH____ 23543	18.25 -0.98 0.00	17.26 -0.70 -0.11	16.69 -0.73 -0.03	15.45 -0.61 -0.04	16.81 -0.83 0.00	18.09 -0.77 0.00	21.57 -1.50 0.00	20.31 -0.91 -0.51	23.02 -1.00 -0.21	23.48 -1.09 -0.25	23.27 -1.06 -0.14	22.76 -1.09 -0.19	22.59 -1.24 0.00	21.56 -1.06 -0.03	19.91 -0.87 -0.06	20.05 -0.97 -0.01	20.01 -0.87 -0.06	20.37 -0.93 -0.13	20.35 -0.92 -0.31	21.46 -1.01 -0.45	21.67 -1.10 -0.39	20.42 -1.19 -0.32	20.17 -1.38 0.00	19.38 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-6.71 -1.23 24.71	-6.75 -1.11 23.49	-6.71 -1.13 22.97	-6.76 -1.03 21.76	-6.63 -1.18 23.10	-6.60 -1.25 24.23	-6.39 -1.50 27.96	-6.46 -1.41 25.76	-6.33 -1.69 28.45	-6.36 -1.70 28.99	-6.46 -1.74 28.92	-6.57 -1.75 28.48	-6.53 -1.86 28.50	-6.60 -1.67 27.52	-6.74 -1.53 25.93	-6.78 -1.53 26.25	-6.80 -1.46 26.16	-6.75 -1.44 26.48	-6.64 -1.51 26.10	19.27 -1.56 1.19	21.01 -1.36 0.00	20.19 -1.11 0.00	20.53 -1.01 0.00	19.26 -1.01 0.00
LACHUTE____HYDRO 323717	20.29 1.06 0.00	19.83 1.14 -0.84	18.63 1.03 -0.22	17.17 0.85 -0.30	18.70 1.06 0.00	20.02 1.15 0.00	24.71 1.64 0.00	30.37 1.41 -8.26	28.94 1.74 -3.39	30.25 1.95 -3.97	28.28 1.84 -2.24	28.48 1.80 -3.02	25.50 1.67 0.00	24.47 1.42 -0.45	22.77 1.14 -0.91	22.41 1.28 -0.13	23.02 1.16 -1.04	24.58 1.25 -2.16	27.31 1.32 -5.02	30.71 1.39 -7.29	30.32 1.59 -6.36	27.94 1.53 -5.11	23.03 1.42 -0.06	21.39 1.11 0.00
LAWRNCV_115KV_TB1 80681	10.83 -0.96 7.44	11.70 -0.87 5.27	11.56 -0.83 5.00	11.55 -0.77 3.70	12.06 -0.85 4.74	16.03 -0.92 1.91	13.50 -1.15 8.41	14.03 -1.12 5.56	16.69 -1.33 5.78	16.55 -1.34 6.45	21.27 -1.28 1.65	22.52 -1.23 -0.09	25.78 -1.29 -3.24	24.54 -1.20 -3.14	22.56 -1.12 -2.96	18.59 -1.24 1.18	18.53 -1.27 1.02	18.87 -1.27 1.03	17.81 -1.24 1.91	19.74 -1.28 1.00	21.10 -1.28 0.00	20.19 -1.11 0.00	20.47 -1.08 0.00	19.20 -1.07 0.00
LEDERLE____ 23769	20.74 1.50 0.00	19.80 1.32 -0.64	18.86 1.30 -0.17	17.46 1.22 -0.23	18.97 1.32 0.00	20.26 1.40 0.00	24.98 1.91 0.00	28.53 1.68 -6.14	28.31 1.98 -2.52	29.28 2.00 -2.95	27.85 1.98 -1.66	27.90 1.99 -2.25	25.85 2.03 0.00	24.83 1.90 -0.33	23.14 1.74 -0.68	22.88 1.79 -0.09	23.36 1.77 -0.77	24.58 1.80 -1.61	26.48 1.78 -3.73	29.32 1.87 -5.43	28.98 1.88 -4.73	26.84 1.75 -3.80	23.32 1.72 -0.05	21.82 1.54 0.00
LIGHTHSE_115KV_TB6 355974	18.06 -0.37 0.81	16.94 -0.34 0.57	16.49 -0.31 0.59	15.26 -0.29 0.47	16.74 -0.32 0.58	18.16 -0.34 0.37	21.81 -0.21 1.05	20.12 -0.10 0.49	22.94 -0.17 0.70	23.49 -0.10 0.75	23.73 -0.10 0.37	23.41 -0.07 0.18	23.73 -0.10 0.00	22.50 -0.11 -0.02	20.61 -0.15 -0.03	20.42 -0.21 0.37	20.06 -0.48 0.28	20.47 -0.44 0.25	20.34 -0.40 0.22	21.80 -0.37 -0.15	22.22 -0.36 -0.21	21.15 -0.32 -0.17	21.23 -0.32 0.00	20.03 -0.24 0.00
LINDEN COGEN____ 23786	20.98 1.71 -0.03	20.02 1.50 -0.68	19.05 1.48 -0.18	17.66 1.39 -0.25	19.15 1.50 -0.01	20.46 1.59 -0.01	25.25 2.17 -0.02	33.70 1.95 -11.04	37.70 2.26 -11.63	45.02 2.26 -18.42	35.87 2.30 -9.37	35.89 2.27 -9.95	36.17 2.31 -10.03	35.94 2.17 -11.18	33.93 2.01 -11.21	33.89 2.06 -10.83	33.96 2.04 -11.10	35.70 2.08 -12.46	35.99 2.06 -12.97	35.87 2.14 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.42 1.96 -4.91	22.03 1.74 -0.01
LINDHRST_69_KV_BK1 356055	21.42 2.17 -0.01	20.46 1.95 -0.67	19.46 1.90 -0.17	18.04 1.78 -0.24	19.58 1.94 0.00	20.89 2.02 0.00	25.82 2.75 -0.01	29.72 2.38 -6.63	29.91 2.74 -3.37	30.30 2.80 -3.17	28.77 2.78 -1.79	28.83 2.72 -2.44	27.93 2.74 -1.36	27.52 2.55 -2.38	26.04 2.34 -2.98	24.60 2.42 -1.18	27.06 2.41 -3.83	28.28 2.50 -4.61	28.92 2.47 -5.48	31.05 2.62 -6.41	30.12 2.64 -5.11	28.80 2.45 -5.06	25.09 2.41 -1.13	22.49 2.19 -0.02
LIPA_MISC_IPP 23656	21.53 2.29 -0.01	20.59 2.07 -0.67	19.60 2.03 -0.17	18.20 1.94 -0.24	19.74 2.10 0.00	20.96 2.09 0.00	26.03 2.95 -0.01	29.88 2.55 -6.63	30.01 2.83 -3.37	30.35 2.85 -3.17	28.85 2.86 -1.79	29.02 2.91 -2.44	28.12 2.93 -1.36	27.64 2.67 -2.38	26.10 2.40 -2.98	24.72 2.54 -1.18	27.12 2.48 -3.83	28.51 2.73 -4.62	29.22 2.73 -5.53	31.33 2.84 -6.46	30.38 2.89 -5.12	28.91 2.56 -5.06	25.13 2.46 -1.13	22.59 2.29 -0.02
LISF____SOLAR 323691	21.58 2.33 -0.02	20.63 2.10 -0.68	19.64 2.07 -0.18	18.24 1.97 -0.25	19.79 2.13 -0.01	21.01 2.13 -0.01	26.04 2.95 -0.02	29.92 2.59 -6.63	30.06 2.88 -3.37	30.36 2.85 -3.18	28.93 2.93 -1.80	29.09 2.98 -2.44	28.17 2.98 -1.36	27.68 2.71 -2.38	26.12 2.42 -2.98	24.72 2.54 -1.18	27.16 2.52 -3.83	28.58 2.79 -4.62	29.29 2.79 -5.54	31.39 2.91 -6.46	30.45 2.95 -5.12	28.95 2.60 -5.06	25.17 2.50 -1.13	22.63 2.33 -0.02
LITTLE FALLS____HYD 24013	19.25 -0.52 -0.53	17.78 -0.48 -0.41	17.32 -0.47 -0.40	15.89 -0.45 -0.32	17.55 -0.48 -0.38	18.58 -0.53 -0.24	23.09 -0.58 -0.60	20.65 -0.50 -0.44	23.72 -0.55 -0.46	24.37 -0.46 -0.50	24.07 -0.39 -0.25	23.49 -0.33 -0.16	23.54 -0.29 0.00	22.30 -0.29 0.00	20.41 -0.31 0.00	20.84 -0.38 -0.21	20.69 -0.33 -0.21	21.08 -0.30 -0.21	20.95 -0.27 -0.26	21.82 -0.26 -0.06	22.08 -0.29 0.00	21.02 -0.28 0.00	21.27 -0.28 0.00	19.97 -0.30 0.00

LITTLRIV_115KV_TB1 356100	11.30 -0.87 7.07	12.13 -0.79 4.93	11.94 -0.78 4.66	11.91 -0.72 3.39	12.46 -0.78 4.41	16.45 -0.83 1.58	14.06 -1.02 7.99	14.54 -0.97 5.19	17.24 -1.19 5.37	17.11 -1.19 6.03	21.80 -1.14 1.26	23.03 -1.09 -0.46	26.25 -1.17 -3.59	25.01 -1.06 -3.47	23.00 -0.99 -3.27	19.06 -1.11 0.83	18.98 -1.17 0.67	19.33 -1.16 0.68	18.29 -1.11 1.56	19.94 -1.10 0.98	21.25 -1.12 0.00	20.32 -0.98 0.00	20.58 -0.97 0.00	19.30 -0.97 0.00
LI_NEWBRDGE___DRP 323616	21.07 1.83 -0.01	20.12 1.61 -0.67	19.15 1.58 -0.17	17.75 1.49 -0.24	19.25 1.61 0.00	20.55 1.68 0.00	25.36 2.28 -0.01	29.30 1.97 -6.63	29.42 2.24 -3.37	29.87 2.36 -3.17	28.31 2.32 -1.79	28.35 2.25 -2.44	27.45 2.26 -1.36	27.10 2.12 -2.38	25.67 1.97 -2.98	24.22 2.04 -1.18	26.66 2.02 -3.83	27.84 2.05 -4.62	28.46 2.01 -5.48	30.54 2.11 -6.41	29.63 2.15 -5.11	28.32 1.96 -5.06	24.66 1.98 -1.13	22.08 1.78 -0.02
LOCKPORT_115KV_TB60_63_64 80432	18.22 -1.02 0.00	17.07 -0.89 -0.12	16.57 -0.85 -0.03	15.28 -0.78 -0.04	16.80 -0.85 0.00	18.09 -0.77 0.00	21.45 -1.61 0.00	20.08 -1.18 -0.55	22.72 -1.31 -0.23	23.19 -1.41 -0.26	22.97 -1.38 -0.15	22.45 -1.42 -0.20	22.52 -1.31 0.00	21.34 -1.29 -0.03	19.64 -1.14 -0.06	20.01 -1.01 -0.01	19.76 -1.12 -0.07	20.11 -1.21 -0.14	20.10 -1.19 -0.33	21.21 -1.30 -0.49	21.39 -1.41 -0.42	20.11 -1.53 -0.34	20.06 -1.49 0.00	19.32 -0.95 0.00
LOCKPORT___CC1 323769	18.22 -1.02 0.00	17.07 -0.89 -0.12	16.57 -0.85 -0.03	15.28 -0.78 -0.04	16.80 -0.85 0.00	18.09 -0.77 0.00	21.48 -1.59 0.00	20.08 -1.18 -0.55	22.72 -1.31 -0.23	23.19 -1.41 -0.27	22.95 -1.40 -0.15	22.45 -1.42 -0.20	22.52 -1.31 0.00	21.34 -1.29 -0.03	19.64 -1.14 -0.06	20.01 -1.01 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.14	20.10 -1.19 -0.33	21.21 -1.30 -0.49	21.36 -1.43 -0.42	20.10 -1.53 -0.34	20.09 -1.47 0.00	19.32 -0.95 0.00
LOCKPORT___CC2 323770	18.22 -1.02 0.00	17.07 -0.89 -0.12	16.57 -0.85 -0.03	15.28 -0.78 -0.04	16.80 -0.85 0.00	18.09 -0.77 0.00	21.48 -1.59 0.00	20.08 -1.18 -0.55	22.72 -1.31 -0.23	23.19 -1.41 -0.27	22.95 -1.40 -0.15	22.45 -1.42 -0.20	22.52 -1.31 0.00	21.34 -1.29 -0.03	19.64 -1.14 -0.06	20.01 -1.01 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.14	20.10 -1.19 -0.33	21.21 -1.30 -0.49	21.36 -1.43 -0.42	20.10 -1.53 -0.34	20.09 -1.47 0.00	19.32 -0.95 0.00
LOCKPORT___CC3 323771	18.22 -1.02 0.00	17.07 -0.89 -0.12	16.57 -0.85 -0.03	15.28 -0.78 -0.04	16.80 -0.85 0.00	18.09 -0.77 0.00	21.48 -1.59 0.00	20.08 -1.18 -0.55	22.72 -1.31 -0.23	23.19 -1.41 -0.27	22.95 -1.40 -0.15	22.45 -1.42 -0.20	22.52 -1.31 0.00	21.34 -1.29 -0.03	19.64 -1.14 -0.06	20.01 -1.01 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.14	20.10 -1.19 -0.33	21.21 -1.30 -0.49	21.36 -1.43 -0.42	20.10 -1.53 -0.34	20.09 -1.47 0.00	19.32 -0.95 0.00
LONG_LAKE_PHOENIX 24014	18.81 -0.42 0.00	17.54 -0.37 -0.07	17.04 -0.37 -0.02	15.69 -0.35 -0.02	17.26 -0.39 0.00	18.51 -0.36 0.00	22.50 -0.14 0.43	20.72 0.00 -0.01	23.63 0.02 0.20	24.17 0.05 0.21	24.18 0.07 0.10	23.74 0.07 0.00	23.90 0.07 0.00	22.63 0.02 -0.02	20.75 0.00 -0.04	20.81 -0.04 0.15	20.42 -0.44 -0.04	20.80 -0.44 -0.08	20.71 -0.44 -0.19	21.83 -0.46 -0.27	22.16 -0.45 -0.24	21.06 -0.43 -0.19	21.14 -0.41 0.00	19.97 -0.30 0.00
LOVETT___3 23632	20.66 1.42 0.00	19.75 1.27 -0.64	18.81 1.25 -0.17	17.42 1.17 -0.23	18.91 1.27 0.00	20.19 1.32 0.00	24.89 1.82 0.00	28.48 1.59 -6.18	28.23 1.88 -2.54	29.20 1.90 -2.97	27.76 1.89 -1.67	27.80 1.87 -2.26	25.74 1.91 0.00	24.71 1.78 -0.33	23.06 1.66 -0.68	22.80 1.70 -0.09	23.28 1.69 -0.78	24.50 1.71 -1.62	26.42 1.70 -3.76	29.26 1.78 -5.46	28.90 1.77 -4.76	26.78 1.66 -3.82	23.23 1.64 -0.05	21.74 1.46 0.00
LOVETT___4 23642	20.66 1.42 0.00	19.75 1.27 -0.64	18.81 1.25 -0.17	17.42 1.17 -0.23	18.91 1.27 0.00	20.19 1.32 0.00	24.89 1.82 0.00	28.48 1.59 -6.18	28.23 1.88 -2.54	29.20 1.90 -2.97	27.76 1.89 -1.67	27.80 1.87 -2.26	25.74 1.91 0.00	24.71 1.78 -0.33	23.06 1.66 -0.68	22.80 1.70 -0.09	23.28 1.69 -0.78	24.50 1.71 -1.62	26.42 1.70 -3.76	29.26 1.78 -5.46	28.90 1.77 -4.76	26.78 1.66 -3.82	23.23 1.64 -0.05	21.74 1.46 0.00
LOVETT___5 23593	20.66 1.42 0.00	19.75 1.27 -0.64	18.81 1.25 -0.17	17.42 1.17 -0.23	18.91 1.27 0.00	20.19 1.32 0.00	24.89 1.82 0.00	28.48 1.59 -6.18	28.23 1.88 -2.54	29.20 1.90 -2.97	27.76 1.89 -1.67	27.80 1.87 -2.26	25.74 1.91 0.00	24.71 1.78 -0.33	23.06 1.66 -0.68	22.80 1.70 -0.09	23.28 1.69 -0.78	24.50 1.71 -1.62	26.42 1.70 -3.76	29.26 1.78 -5.46	28.90 1.77 -4.76	26.78 1.66 -3.82	23.23 1.64 -0.05	21.74 1.46 0.00
LOWER RAQUET___HYD 24057	11.46 -1.06 6.72	12.25 -0.98 4.61	12.10 -0.94 4.35	12.05 -0.87 3.10	12.59 -0.95 4.10	16.56 -1.04 1.28	14.20 -1.27 7.60	14.63 -1.24 4.84	17.32 -1.50 4.99	17.19 -1.51 5.64	21.87 -1.43 0.90	23.12 -1.35 -0.80	26.32 -1.43 -3.92	25.07 -1.31 -3.79	23.07 -1.22 -3.57	19.14 -1.37 0.50	19.06 -1.42 0.34	19.40 -1.42 0.35	18.35 -1.38 1.23	19.65 -1.41 0.96	20.96 -1.41 0.00	20.09 -1.21 0.00	20.36 -1.19 0.00	19.10 -1.18 0.00
LOWER___HUDSON 24059	20.06 0.83 0.00	19.47 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.30	18.46 0.81 0.00	19.68 0.81 0.00	24.13 1.06 0.00	29.78 0.91 -8.16	28.18 1.02 -3.35	29.32 1.07 -3.92	27.48 1.06 -2.21	27.67 1.02 -2.99	24.85 1.02 0.00	24.01 0.97 -0.44	22.49 0.87 -0.90	22.03 0.90 -0.12	22.76 0.91 -1.03	24.26 0.95 -2.14	26.87 0.94 -4.96	30.24 1.01 -7.21	29.69 1.03 -6.29	27.28 0.94 -5.05	22.51 0.90 -0.06	21.05 0.77 0.00
LOWVILLE_115KV_TB2 356335	17.38 -0.29 1.57	16.56 -0.27 1.02	16.33 -0.09 0.98	15.27 -0.08 0.66	16.67 -0.05 0.92	18.40 -0.26 0.20	21.08 -0.18 1.80	19.60 -0.10 1.00	22.45 -0.26 1.09	22.86 -0.22 1.26	23.87 -0.27 0.07	23.80 -0.24 -0.38	24.70 -0.26 -1.13	23.45 -0.25 -1.10	21.51 -0.25 -1.04	20.71 -0.29 0.01	20.54 -0.33 -0.06	20.96 -0.30 -0.09	20.63 -0.23 0.10	21.74 -0.13 0.15	22.27 -0.18 -0.08	21.15 -0.21 -0.06	21.35 -0.19 0.00	20.05 -0.22 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.12 0.88 0.00	19.56 0.87 -0.84	18.44 0.83 -0.22	17.06 0.74 -0.30	18.51 0.86 0.00	19.75 0.89 0.00	24.27 1.20 0.00	29.99 1.04 -8.25	28.43 1.24 -3.39	29.58 1.29 -3.96	27.72 1.28 -2.24	27.91 1.23 -3.02	25.02 1.19 0.00	24.15 1.11 -0.45	22.58 0.95 -0.91	22.16 1.03 -0.13	22.85 1.00 -1.04	24.37 1.04 -2.16	27.03 1.05 -5.01	30.41 1.10 -7.29	29.89 1.16 -6.36	27.51 1.11 -5.10	22.67 1.06 -0.06	21.17 0.89 0.00
LUTHERNY_35_KV_BK2 355980	20.12 0.88 0.00	19.58 0.89 -0.84	18.44 0.83 -0.22	17.06 0.74 -0.30	18.51 0.86 0.00	19.75 0.89 0.00	24.27 1.20 0.00	30.01 1.06 -8.25	28.43 1.24 -3.39	29.61 1.31 -3.96	27.72 1.28 -2.24	27.94 1.25 -3.02	25.04 1.22 0.00	24.15 1.11 -0.45	22.58 0.95 -0.91	22.16 1.03 -0.13	22.85 1.00 -1.04	24.37 1.04 -2.16	27.05 1.07 -5.01	30.43 1.12 -7.29	29.91 1.19 -6.36	27.51 1.11 -5.10	22.69 1.08 -0.06	21.17 0.89 0.00

LWR___OSWEGATCHIE_HYD 23850	14.04 -0.77 4.43	14.12 -0.71 3.01	13.91 -0.63 2.85	13.42 -0.58 2.02	14.34 -0.62 2.68	17.31 -0.75 0.80	17.21 -0.83 5.03	16.76 -0.77 3.19	19.53 -1.00 3.28	19.64 -0.97 3.72	22.68 -0.97 0.56	23.35 -0.90 -0.58	25.54 -0.95 -2.67	24.27 -0.90 -2.58	22.30 -0.85 -2.43	19.77 -0.95 0.29	19.64 -1.00 0.18	20.02 -0.97 0.17	19.28 -0.92 0.76	20.50 -0.88 0.64	21.48 -0.89 0.00	20.49 -0.81 0.00	20.75 -0.80 0.00	19.48 -0.79 0.00	
LYONS_FALL_HYD 23570	18.41 0.00 0.83	17.32 -0.02 0.51	16.99 0.09 0.49	15.78 0.06 0.31	17.30 0.11 0.45	18.84 0.00 0.03	22.23 0.12 0.96	20.32 0.16 0.56	23.34 0.10 0.56	23.81 0.15 0.66	24.34 0.10 -0.04	24.08 0.12 -0.29	24.71 0.12 -0.76	23.44 0.11 -0.73	21.49 0.08 -0.69	21.13 0.04 -0.09	20.95 0.02 -0.12	21.37 0.04 -0.16	21.11 0.08 -0.06	22.15 0.18 0.05	22.58 0.14 -0.08	21.44 0.09 -0.06	21.63 0.09 0.00	20.32 0.04 0.00	
MADISON___COUNTY_LFGE 323628	19.72 0.48 0.00	18.30 0.43 -0.03	17.82 0.42 -0.01	16.40 0.37 -0.01	18.08 0.44 0.00	19.36 0.49 0.00	23.76 0.69 0.00	21.54 0.70 -0.13	24.60 0.74 -0.05	25.20 0.80 -0.06	24.99 0.75 -0.04	24.47 0.76 -0.05	24.64 0.81 0.00	23.32 0.72 -0.01	21.40 0.66 -0.01	21.66 0.65 0.00	21.48 0.65 -0.02	21.73 0.53 -0.03	21.59 0.55 -0.08	22.77 0.64 -0.11	23.07 0.60 -0.10	21.89 0.51 -0.08	22.09 0.54 0.00	20.76 0.49 0.00	
MALONE___115KV_TB1 356076	16.57 -1.15 1.51	18.28 -1.05 -1.48	18.07 -1.03 -1.71	18.37 -0.95 -3.29	18.78 -1.04 -2.18	25.02 -1.09 -7.25	20.09 -1.29 1.68	21.48 -1.22 -1.99	25.16 -1.43 -2.78	24.81 -1.46 -1.93	32.40 -1.48 -9.68	34.45 -1.51 -12.31	39.65 -1.60 -17.42	37.96 -1.47 -16.84	35.21 -1.37 -15.86	28.85 -1.45 -9.30	28.92 -1.42 -9.52	29.39 -1.42 -9.64	27.60 -1.40 -8.04	19.56 -1.34 1.12	21.12 -1.25 0.00	20.23 -1.06 0.00	20.51 -1.03 0.00	19.24 -1.03 0.00	
MAPLEWOD_115KV_TB3 80458	20.16 0.92 0.00	19.54 0.87 -0.82	18.46 0.85 -0.21	17.07 0.75 -0.29	18.51 0.86 0.00	19.75 0.89 0.00	24.08 1.02 0.00	29.73 0.87 -8.15	28.18 1.02 -3.35	29.34 1.09 -3.91	27.45 1.04 -2.21	27.67 1.02 -2.98	24.88 1.05 0.00	24.03 0.99 -0.44	22.51 0.89 -0.90	22.07 0.95 -0.12	22.76 0.92 -1.02	24.23 0.93 -2.14	26.84 0.92 -4.95	30.19 0.97 -7.20	29.64 0.98 -6.28	27.25 0.92 -5.04	22.54 0.93 -0.06	21.05 0.77 0.00	
MAPLE_RIDGE_WT_1 323574	0.00 -0.69 18.54	2.83 -0.64 14.37	3.00 -0.63 13.77	4.27 -0.58 11.17	3.66 -0.65 13.33	9.72 -0.70 8.45	1.30 -0.83 20.94	4.62 -0.74 15.35	6.65 -0.86 16.29	5.88 -0.85 17.60	14.45 -0.82 8.93	17.18 -0.78 5.70	23.08 -0.74 0.01	21.89 -0.70 0.00	20.06 -0.66 0.00	12.80 -0.67 7.53	12.94 -0.65 7.23	13.18 -0.66 7.33	11.46 -0.65 8.85	19.26 -0.71 2.06	21.65 -0.72 0.00	20.64 -0.66 0.00	20.86 -0.69 0.00	19.61 -0.67 0.00	
MAPLE_RIDGE_WT_2 323611	0.00 -0.69 18.54	2.83 -0.64 14.37	3.00 -0.63 13.77	4.27 -0.58 11.17	3.66 -0.65 13.33	9.72 -0.70 8.45	1.30 -0.83 20.94	4.62 -0.74 15.35	6.65 -0.86 16.29	5.88 -0.85 17.60	14.45 -0.82 8.93	17.18 -0.78 5.70	23.08 -0.74 0.01	21.89 -0.70 0.00	20.06 -0.66 0.00	12.80 -0.67 7.53	12.94 -0.65 7.23	13.18 -0.66 7.33	11.46 -0.65 8.85	19.26 -0.71 2.06	21.65 -0.72 0.00	20.64 -0.66 0.00	20.86 -0.69 0.00	19.61 -0.67 0.00	
MARBLE_RIVER_WT_PWR 323696	-7.00 -1.62 24.62	-7.00 -1.46 23.38	-7.00 -1.53 22.86	-7.00 -1.38 21.64	-7.00 -1.66 22.98	-7.00 -1.79 24.08	-7.00 -2.21 27.85	-7.00 -2.07 25.64	-7.00 -2.50 28.31	-7.00 -2.48 28.85	-7.00 -2.47 28.73	-7.00 -2.39 28.27	-7.00 -2.57 28.26	-7.00 -2.30 27.29	-7.00 -2.01 25.71	-7.00 -1.93 26.07	-7.00 -1.83 25.98	-7.00 -1.86 26.30	-7.00 -2.03 25.93	-7.00 -1.96 1.19	18.87 -1.70 0.00	20.67 -1.36 0.00	19.93 -1.23 0.00	20.32 -1.23 0.00	19.08 -1.20 0.00
MARSHVLE_115KV_TB1 80742	20.60 1.37 0.00	20.13 1.28 -1.00	18.85 1.20 -0.26	17.45 1.07 -0.36	18.93 1.29 0.00	20.32 1.45 0.00	25.05 1.98 0.00	31.54 1.68 -9.15	29.52 1.95 -3.76	30.70 1.97 -4.40	28.57 1.89 -2.48	28.96 1.94 -3.35	25.74 1.91 0.00	24.78 1.69 -0.50	23.05 1.33 -1.01	22.59 1.45 -0.14	23.34 1.37 -1.15	25.05 1.48 -2.40	28.06 1.53 -5.56	31.76 1.65 -8.08	31.14 1.72 -7.05	28.68 1.73 -5.66	23.32 1.70 -0.07	21.80 1.52 0.00	
MARSH_HILL_WT_PWR 323713	18.18 -1.06 0.00	16.89 -1.11 -0.15	16.47 -0.96 -0.04	15.14 -0.93 -0.05	16.87 -0.78 0.00	18.17 -0.70 0.00	21.89 -1.18 0.00	20.34 -1.10 -0.73	22.96 -1.14 -0.30	23.61 -1.07 -0.35	23.38 -1.02 -0.20	22.84 -1.09 -0.27	22.83 -1.00 0.00	21.37 -1.26 -0.04	19.53 -1.26 -0.08	20.24 -1.26 -0.01	19.82 -1.08 -0.09	20.28 -1.08 -0.19	20.11 -1.30 -0.44	21.35 -1.32 -0.64	21.55 -1.39 -0.56	20.26 -1.49 -0.45	20.37 -1.19 -0.01	19.44 -0.83 0.00	
MCINTYRE_115KV_TB2 80467	10.91 -0.69 7.63	11.76 -0.64 5.45	11.60 -0.63 5.17	11.59 -0.58 3.85	12.10 -0.64 4.91	16.13 -0.66 2.08	13.66 -0.78 8.63	14.21 -0.75 5.75	16.86 -0.95 5.99	16.72 -0.95 6.66	21.41 -0.94 1.85	22.64 -0.92 0.10	25.89 -1.00 -3.06	24.66 -0.90 -2.97	22.66 -0.85 -2.80	18.70 -0.95 1.36	18.67 -0.96 1.19	19.03 -0.93 1.21	18.01 -0.86 2.09	20.15 -0.86 1.02	21.50 -0.87 0.00	20.53 -0.77 0.00	20.77 -0.78 0.00	19.46 -0.81 0.00	
MECO____69_KV_BK1 80468	21.04 1.81 0.00	20.56 1.78 -0.93	19.29 1.65 -0.24	17.79 1.44 -0.33	19.37 1.73 0.00	20.79 1.92 0.00	25.68 2.61 0.00	31.63 2.15 -8.77	29.96 2.55 -3.60	31.05 2.51 -4.21	29.00 2.42 -2.38	29.36 2.48 -3.21	26.24 2.41 0.00	25.22 2.15 -0.47	23.40 1.72 -0.97	23.11 1.97 -0.13	23.83 1.92 -1.10	25.56 2.10 -2.30	28.41 2.12 -5.33	31.99 2.22 -7.74	31.54 2.42 -6.76	29.09 2.36 -5.42	23.88 2.26 -0.07	22.22 1.95 0.00	
MENANDS___115KV_TB5 355628	20.14 0.90 0.00	19.52 0.86 -0.82	18.44 0.83 -0.21	17.05 0.74 -0.29	18.49 0.85 0.00	19.74 0.87 0.00	24.02 0.95 0.00	29.66 0.81 -8.14	28.10 0.95 -3.35	29.27 1.02 -3.91	27.38 0.97 -2.21	27.59 0.95 -2.98	24.81 0.98 0.00	23.98 0.95 -0.44	22.46 0.85 -0.90	22.03 0.90 -0.12	22.71 0.87 -1.02	24.17 0.87 -2.13	26.77 0.86 -4.95	30.12 0.90 -7.19	29.56 0.92 -6.28	27.17 0.83 -5.04	22.47 0.86 -0.06	21.01 0.73 0.00	
MG INDUSTRY___DRP 24185	20.04 0.81 0.00	19.41 0.77 -0.80	18.35 0.75 -0.21	16.98 0.67 -0.29	18.40 0.76 0.00	19.66 0.79 0.00	23.90 0.83 0.00	29.42 0.72 -7.99	27.92 0.83 -3.28	29.02 0.85 -3.84	27.17 0.80 -2.17	27.35 0.76 -2.93	24.59 0.76 0.00	23.75 0.72 -0.43	22.24 0.64 -0.88	21.82 0.69 -0.12	22.51 0.69 -1.01	23.96 0.70 -2.09	26.53 0.71 -4.86	29.83 0.75 -7.06	29.31 0.78 -6.16	26.97 0.72 -4.94	22.38 0.78 -0.06	20.94 0.67 0.00	
MID___OSWEGATCHIE_HYD 23849	14.04 -0.77 4.43	14.12 -0.71 3.01	13.91 -0.63 2.85	13.42 -0.58 2.02	14.34 -0.62 2.68	17.31 -0.75 0.80	17.21 -0.83 5.03	16.76 -0.77 3.19	19.53 -1.00 3.28	19.64 -0.97 3.72	22.68 -0.97 0.56	23.35 -0.90 -0.58	25.54 -0.95 -2.67	24.27 -0.90 -2.58	22.30 -0.85 -2.43	19.77 -0.95 0.29	19.64 -1.00 0.18	20.02 -0.97 0.17	19.28 -0.92 0.76	20.50 -0.88 0.64	21.48 -0.89 0.00	20.49 -0.81 0.00	20.75 -0.80 0.00	19.48 -0.79 0.00	

MID___RAQUETTE_HYD 23851	11.46 -1.06 6.72	12.25 -0.98 4.61	12.10 -0.94 4.35	12.05 -0.87 3.10	12.59 -0.95 4.10	16.56 -1.04 1.28	14.20 -1.27 7.60	14.63 -1.24 4.84	17.32 -1.50 4.99	17.19 -1.51 5.64	21.87 -1.43 0.90	23.12 -1.35 -0.80	26.32 -1.43 -3.92	25.08 -1.31 -3.79	23.07 -1.22 -3.57	19.14 -1.37 0.50	19.06 -1.42 0.34	19.40 -1.42 0.35	18.35 -1.38 1.23	19.65 -1.41 0.96	20.96 -1.41 0.00	20.08 -1.21 0.00	20.36 -1.19 0.00	19.10 -1.18 0.00
MILLIKEN___1 23584	19.43 0.19 0.00	18.13 0.12 -0.16	17.57 0.14 -0.04	16.19 0.11 -0.06	17.82 0.18 0.00	19.15 0.28 0.00	23.39 0.32 0.00	21.79 0.33 -0.75	24.50 0.38 -0.31	25.06 0.36 -0.36	24.74 0.34 -0.20	24.29 0.35 -0.28	24.26 0.43 0.00	22.93 0.29 -0.04	21.05 0.25 -0.08	21.33 0.32 -0.01	21.12 0.21 -0.09	21.58 0.21 -0.20	21.65 0.23 -0.45	22.97 0.29 -0.66	23.24 0.29 -0.58	21.97 0.21 -0.46	21.81 0.26 -0.01	20.60 0.32 0.00
MILLIKEN___2 23585	19.43 0.19 0.00	18.13 0.12 -0.16	17.57 0.14 -0.04	16.19 0.11 -0.06	17.82 0.18 0.00	19.15 0.28 0.00	23.39 0.32 0.00	21.79 0.33 -0.75	24.50 0.38 -0.31	25.06 0.36 -0.36	24.74 0.34 -0.20	24.29 0.35 -0.28	24.26 0.43 0.00	22.93 0.29 -0.04	21.05 0.25 -0.08	21.33 0.32 -0.01	21.12 0.21 -0.09	21.58 0.21 -0.20	21.65 0.23 -0.45	22.97 0.29 -0.66	23.24 0.29 -0.58	21.97 0.21 -0.46	21.81 0.26 -0.01	20.60 0.32 0.00
MILLIKEN___DIESEL 23629	19.43 0.19 0.00	18.13 0.12 -0.16	17.57 0.14 -0.04	16.19 0.11 -0.06	17.82 0.18 0.00	19.15 0.28 0.00	23.39 0.32 0.00	21.79 0.33 -0.75	24.50 0.38 -0.31	25.06 0.36 -0.36	24.74 0.34 -0.20	24.29 0.35 -0.28	24.26 0.43 0.00	22.93 0.29 -0.04	21.05 0.25 -0.08	21.33 0.32 -0.01	21.12 0.21 -0.09	21.58 0.21 -0.20	21.65 0.23 -0.45	22.97 0.29 -0.66	23.24 0.29 -0.58	21.97 0.21 -0.46	21.81 0.26 -0.01	20.60 0.32 0.00
MILLSEAT___LFGE 323607	18.45 -0.79 0.00	17.30 -0.66 -0.11	16.78 -0.64 -0.03	15.47 -0.59 -0.04	16.99 -0.65 0.00	18.32 -0.55 0.00	21.80 -1.27 0.00	20.42 -0.83 -0.53	23.17 -0.86 -0.22	23.64 -0.95 -0.26	23.40 -0.94 -0.15	22.87 -0.99 -0.20	22.90 -0.93 0.00	21.74 -0.88 -0.03	20.01 -0.77 -0.06	20.34 -0.67 -0.01	20.11 -0.77 -0.07	20.48 -0.83 -0.14	20.47 -0.82 -0.32	21.59 -0.90 -0.47	21.77 -1.01 -0.41	20.54 -1.09 -0.33	20.47 -1.08 0.00	19.63 -0.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.79 1.56 0.00	19.89 1.37 -0.67	18.92 1.36 -0.17	17.52 1.27 -0.24	19.02 1.38 0.00	20.30 1.43 0.00	25.03 1.96 0.00	29.03 1.74 -6.58	28.53 2.02 -2.70	29.54 2.04 -3.16	28.04 2.06 -1.78	28.11 2.04 -2.41	25.90 2.07 0.00	24.89 1.94 -0.36	23.25 1.80 -0.72	22.95 1.85 -0.10	23.47 1.83 -0.83	24.75 1.86 -1.72	26.81 1.84 -4.00	29.75 1.92 -5.81	29.36 1.92 -5.07	27.16 1.79 -4.07	23.39 1.79 -0.05	21.86 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	20.85 1.62 0.00	19.94 1.43 -0.67	18.97 1.41 -0.17	17.57 1.31 -0.24	19.05 1.41 0.00	20.34 1.47 0.00	25.10 2.03 0.00	29.09 1.80 -6.58	28.60 2.09 -2.70	29.61 2.12 -3.16	28.11 2.13 -1.78	28.20 2.13 -2.41	25.97 2.14 0.00	24.96 2.01 -0.36	23.31 1.86 -0.72	23.02 1.91 -0.10	23.54 1.89 -0.83	24.82 1.93 -1.72	26.85 1.89 -4.00	29.79 1.96 -5.81	29.41 1.97 -5.07	27.22 1.85 -4.07	23.43 1.83 -0.05	21.90 1.62 0.00
MODEL_CITY_ENERGY 24167	18.00 -1.23 0.00	16.89 -1.07 -0.12	16.40 -1.03 -0.03	15.13 -0.93 -0.04	16.62 -1.02 0.00	17.89 -0.98 0.00	21.25 -1.82 0.00	19.90 -1.37 -0.56	22.49 -1.55 -0.23	22.95 -1.66 -0.27	22.71 -1.65 -0.15	22.21 -1.66 -0.20	22.26 -1.57 0.00	21.11 -1.51 -0.03	19.45 -1.33 -0.06	19.80 -1.22 -0.01	19.55 -1.33 -0.07	19.90 -1.42 -0.15	19.90 -1.40 -0.34	20.99 -1.52 -0.49	21.17 -1.63 -0.43	19.90 -1.75 -0.34	19.85 -1.70 0.00	19.12 -1.15 0.00
MODERN_LFGE___ 323580	18.00 -1.23 0.00	16.89 -1.07 -0.12	16.40 -1.03 -0.03	15.13 -0.93 -0.04	16.62 -1.02 0.00	17.89 -0.98 0.00	21.25 -1.82 0.00	19.90 -1.37 -0.56	22.49 -1.55 -0.23	22.95 -1.66 -0.27	22.71 -1.65 -0.15	22.21 -1.66 -0.20	22.26 -1.57 0.00	21.11 -1.51 -0.03	19.45 -1.33 -0.06	19.80 -1.22 -0.01	19.55 -1.33 -0.07	19.90 -1.42 -0.15	19.90 -1.40 -0.34	20.99 -1.52 -0.49	21.17 -1.63 -0.43	19.90 -1.75 -0.34	19.85 -1.70 0.00	19.12 -1.15 0.00
MOHAWK_PAPER___DRP 24187	20.16 0.92 0.00	19.54 0.87 -0.82	18.46 0.85 -0.21	17.07 0.75 -0.29	18.51 0.86 0.00	19.75 0.89 0.00	24.08 1.02 0.00	29.73 0.87 -8.15	28.18 1.02 -3.35	29.34 1.09 -3.91	27.45 1.04 -2.21	27.67 1.02 -2.98	24.88 1.05 0.00	24.03 0.99 -0.44	22.51 0.89 -0.90	22.07 0.95 -0.12	22.76 0.92 -1.02	24.23 0.93 -2.14	26.84 0.92 -4.95	30.19 0.97 -7.20	29.64 0.98 -6.28	27.25 0.92 -5.04	22.54 0.93 -0.06	21.05 0.77 0.00
MOHICAN___35_KV_115KV_LD 80490	19.99 0.75 0.00	19.47 0.79 -0.84	18.32 0.71 -0.22	16.94 0.62 -0.30	18.40 0.76 0.00	19.66 0.79 0.00	24.20 1.13 0.00	29.94 0.97 -8.25	28.39 1.19 -3.39	29.59 1.29 -3.97	27.67 1.23 -2.24	27.89 1.21 -3.02	24.95 1.12 0.00	24.04 0.99 -0.45	22.46 0.83 -0.91	22.03 0.90 -0.13	22.73 0.87 -1.04	24.24 0.91 -2.16	26.95 0.96 -5.02	30.33 1.01 -7.29	29.85 1.12 -6.36	27.47 1.06 -5.11	22.58 0.97 -0.06	21.05 0.77 0.00
MONGAUP___HYD 23641	20.33 1.10 0.00	19.43 0.98 -0.60	18.52 0.97 -0.16	17.13 0.90 -0.22	18.65 1.01 0.00	19.94 1.07 0.00	24.52 1.45 0.00	27.67 1.24 -5.71	27.58 1.43 -2.35	28.49 1.41 -2.75	27.13 1.38 -1.55	27.10 1.35 -2.09	25.19 1.36 0.00	24.19 1.29 -0.31	22.53 1.18 -0.63	22.31 1.22 -0.09	22.78 1.25 -0.72	23.94 1.27 -1.50	25.72 1.28 -3.47	28.48 1.41 -5.05	28.18 1.41 -4.40	26.20 1.36 -3.53	22.91 1.31 -0.04	21.45 1.18 0.00
MONTAUK___DIESEL 23721	21.88 2.64 -0.01	20.92 2.41 -0.67	19.93 2.37 -0.17	18.49 2.23 -0.24	20.08 2.43 0.00	21.28 2.42 0.00	26.47 3.39 -0.01	30.30 2.96 -6.63	30.53 3.36 -3.37	30.86 3.36 -3.17	29.38 3.39 -1.79	29.54 3.43 -2.44	28.57 3.38 -1.36	28.05 3.07 -2.38	26.39 2.69 -2.98	25.00 2.81 -1.18	27.43 2.79 -3.83	28.92 3.13 -4.62	29.69 3.19 -5.53	31.83 3.35 -6.46	30.85 3.36 -5.12	29.34 2.98 -5.06	25.50 2.82 -1.13	22.93 2.64 -0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.31 -0.92 0.00	16.84 -1.14 -0.13	16.43 -0.99 -0.03	15.06 -1.01 -0.05	16.92 -0.72 0.00	18.23 -0.64 0.00	21.71 -1.36 0.00	20.04 -1.30 -0.63	22.59 -1.48 -0.26	23.06 -1.58 -0.30	22.80 -1.57 -0.17	22.24 -1.66 -0.23	22.69 -1.14 0.00	21.16 -1.47 -0.03	19.34 -1.45 -0.07	20.03 -0.99 -0.01	19.36 -1.54 -0.08	19.77 -1.57 -0.17	19.74 -1.61 -0.39	20.93 -1.65 -0.56	21.00 -1.86 -0.49	19.69 -2.00 -0.39	19.96 -1.59 0.00	19.14 -1.14 0.00
MORTIMER_115KV_TB3 55949	18.60 -0.63 0.00	17.52 -0.43 -0.10	16.95 -0.47 -0.03	15.67 -0.38 -0.04	17.08 -0.56 0.00	18.38 -0.49 0.00	22.05 -1.02 0.00	20.68 -0.50 -0.47	23.52 -0.48 -0.19	24.02 -0.54 -0.22	23.82 -0.51 -0.13	23.29 -0.54 -0.17	23.16 -0.67 0.00	22.10 -0.52 -0.03	20.36 -0.41 -0.05	20.51 -0.50 -0.01	20.44 -0.44 -0.06	20.82 -0.47 -0.12	20.79 -0.46 -0.28	21.88 -0.55 -0.41	22.15 -0.58 -0.36	20.97 -0.62 -0.29	20.75 -0.80 0.00	19.79 -0.49 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.95 1.71 0.00	20.01 1.50 -0.67	19.04 1.48 -0.17	17.64 1.38 -0.24	19.14 1.50 0.00	20.43 1.57 0.00	25.21 2.15 0.00	29.11 1.91 -6.49	28.50 2.21 -2.48	29.35 2.24 -2.78	28.05 2.25 -1.60	28.11 2.22 -2.22	25.83 2.26 0.26	24.80 2.12 -0.08	23.14 1.97 -0.46	22.85 2.02 0.18	23.38 2.00 -0.57	24.65 2.03 -1.45	26.76 2.01 -3.78	29.80 2.09 -5.68	29.45 2.10 -4.98	27.27 1.96 -4.01	23.41 1.94 0.08	22.02 1.74 0.00
MUNSVILLE_WIND_PWR 323609	20.27 1.04 0.00	18.98 0.89 -0.24	18.22 0.76 -0.06	16.84 0.74 -0.08	18.60 0.95 0.00	20.11 1.24 0.00	24.94 1.87 0.00	23.76 1.93 -1.13	26.27 2.00 -0.46	27.06 2.19 -0.54	26.54 2.03 -0.31	26.06 1.99 -0.41	25.93 2.10 0.00	24.44 1.78 -0.06	22.40 1.55 -0.12	22.64 1.62 -0.02	21.95 1.00 -0.13	22.55 1.10 -0.28	22.83 1.22 -0.65	24.46 1.50 -0.94	24.56 1.36 -0.82	23.07 1.11 -0.66	22.78 1.23 -0.01	21.49 1.22 0.00
N SALMON___HYD 24042	16.57 -1.15 1.51	18.28 -1.05 -1.48	18.07 -1.03 -1.71	18.37 -0.95 -3.29	18.78 -1.04 -2.18	25.02 -1.09 -7.25	20.09 -1.29 1.68	21.48 -1.22 -1.99	25.16 -1.43 -2.78	24.81 -1.46 -1.93	32.40 -1.48 -9.68	34.45 -1.51 -12.31	39.65 -1.60 -17.42	37.98 -1.45 -16.84	35.21 -1.37 -15.86	28.85 -1.45 -9.30	28.92 -1.42 -9.52	29.39 -1.42 -9.64	27.60 -1.40 -8.04	19.56 -1.34 1.12	21.12 -1.25 0.00	20.23 -1.06 0.00	20.51 -1.03 0.00	19.24 -1.03 0.00
N.AKRON___115KV_KNAPP 355671	18.47 -0.77 0.00	17.30 -0.66 -0.11	16.78 -0.64 -0.03	15.47 -0.59 -0.04	16.99 -0.65 0.00	18.32 -0.55 0.00	21.78 -1.29 0.00	20.42 -0.83 -0.54	23.17 -0.86 -0.22	23.62 -0.97 -0.26	23.43 -0.92 -0.15	22.87 -0.99 -0.20	22.90 -0.93 0.00	21.74 -0.88 -0.03	20.01 -0.77 -0.06	20.36 -0.65 -0.01	20.13 -0.75 -0.07	20.48 -0.83 -0.14	20.47 -0.82 -0.33	21.60 -0.90 -0.48	21.78 -1.01 -0.42	20.52 -1.11 -0.33	20.45 -1.10 0.00	19.65 -0.63 0.00
N.BELMOR_69_KV_BK1 55787	21.20 1.96 0.00	20.25 1.73 -0.67	19.25 1.69 -0.17	17.84 1.59 -0.24	19.37 1.73 0.00	20.66 1.79 0.00	25.52 2.45 0.00	29.47 2.13 -6.62	29.63 2.45 -3.37	30.04 2.53 -3.17	28.51 2.52 -1.79	28.54 2.44 -2.44	27.64 2.45 -1.36	27.27 2.30 -2.37	25.83 2.13 -2.98	24.38 2.21 -1.17	26.85 2.21 -3.83	28.02 2.24 -4.61	28.66 2.22 -5.47	30.76 2.33 -6.40	29.83 2.35 -5.11	28.52 2.17 -5.05	24.85 2.18 -1.12	22.24 1.95 -0.02
N.E_GEN_SANDY PD 24062	20.45 1.21 0.00	19.71 1.14 -0.72	18.71 1.13 -0.19	17.32 1.04 -0.26	18.81 1.16 0.00	20.00 1.13 0.00	24.66 1.59 0.00	29.30 1.37 -7.22	28.25 1.48 -2.97	29.29 1.48 -3.47	27.71 1.55 -1.96	27.80 1.49 -2.64	25.33 1.50 0.00	24.41 1.42 -0.39	22.86 1.35 -0.80	22.48 1.36 -0.11	23.14 1.42 -0.91	24.52 1.46 -1.89	26.80 1.45 -4.39	29.92 1.52 -6.38	29.44 1.50 -5.57	27.13 1.36 -4.47	22.92 1.31 -0.05	21.45 1.18 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.68 1.44 0.00	19.77 1.28 -0.64	18.83 1.27 -0.17	17.43 1.19 -0.23	18.93 1.29 0.00	20.21 1.34 0.00	24.91 1.85 0.00	28.51 1.64 -6.16	28.24 1.90 -2.53	29.21 1.92 -2.96	27.81 1.94 -1.67	27.84 1.92 -2.26	25.78 1.95 0.00	24.76 1.83 -0.33	23.08 1.68 -0.68	22.82 1.72 -0.09	23.30 1.71 -0.77	24.52 1.74 -1.61	26.43 1.72 -3.74	29.27 1.81 -5.44	28.93 1.81 -4.75	26.79 1.68 -3.81	23.25 1.66 -0.05	21.76 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	21.05 1.79 -0.02	20.23 1.71 -0.67	19.20 1.63 -0.17	17.68 1.43 -0.24	19.34 1.69 0.00	20.55 1.68 0.00	25.30 2.21 -0.02	33.73 1.95 -11.08	37.71 2.19 -11.71	45.09 2.19 -18.57	35.86 2.23 -9.44	35.91 2.22 -10.02	36.19 2.24 -10.12	35.97 2.10 -11.28	34.01 1.99 -11.30	33.95 2.02 -10.93	34.03 2.02 -11.20	35.76 2.03 -12.56	36.03 2.01 -13.05	35.88 2.09 -11.77	34.00 2.10 -9.53	30.26 2.00 -6.96	28.51 2.00 -4.95	22.10 1.82 0.00
N.TROY___115KV_TB1 355778	20.06 0.83 0.00	19.47 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.30	18.45 0.81 0.00	19.68 0.81 0.00	24.13 1.06 0.00	29.78 0.91 -8.16	28.18 1.02 -3.35	29.32 1.07 -3.92	27.48 1.06 -2.21	27.67 1.02 -2.99	24.85 1.02 0.00	24.01 0.97 -0.44	22.49 0.87 -0.90	22.03 0.90 -0.12	22.76 0.92 -1.03	24.26 0.95 -2.14	26.87 0.94 -4.96	30.24 1.01 -7.21	29.69 1.03 -6.29	27.28 0.94 -5.05	22.51 0.90 -0.06	21.05 0.77 0.00
NARROWS_GT1_1 24228	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT1_2 24229	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT1_3 24230	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT1_4 24231	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT1_5 24232	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT1_6 24233	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02

NARROWS_GT1_7 24234	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT1_8 24235	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_1 24236	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_2 24237	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_3 24238	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_4 24239	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_5 24240	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_6 24241	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_7 24242	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NARROWS_GT2_8 24243	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.24 1.00 0.00	19.40 0.79 -0.77	18.55 0.96 -0.20	16.98 0.69 -0.28	18.63 0.99 0.00	19.92 1.06 0.00	24.11 1.04 0.00	29.04 0.68 -7.65	27.74 0.79 -3.14	28.84 0.83 -3.68	26.90 0.63 -2.07	27.08 0.62 -2.80	24.64 0.81 0.00	23.69 0.68 -0.41	22.10 0.54 -0.84	21.86 0.74 -0.12	22.36 0.58 -0.96	23.79 0.61 -2.01	26.25 0.63 -4.65	29.51 0.73 -6.76	29.07 0.81 -5.90	26.80 0.77 -4.73	22.58 0.97 -0.06	21.11 0.83 0.00
NCHELSEA_115KV_TR2 355582	20.79 1.56 0.00	19.90 1.39 -0.66	18.95 1.39 -0.17	17.52 1.27 -0.24	19.05 1.41 0.00	20.36 1.49 0.00	25.08 2.01 0.00	28.96 1.78 -6.46	28.53 2.07 -2.66	29.58 2.14 -3.11	28.03 2.08 -1.75	28.09 2.06 -2.37	25.93 2.10 0.00	24.89 1.94 -0.35	23.21 1.78 -0.71	22.93 1.83 -0.10	23.44 1.81 -0.81	24.68 1.82 -1.69	26.70 1.80 -3.93	29.67 1.94 -5.71	29.32 1.97 -4.98	27.17 1.87 -4.00	23.43 1.83 -0.05	21.92 1.64 0.00
NEG CAPITAL___MECHNVIL 23645	20.14 0.90 0.00	19.57 0.89 -0.83	18.46 0.85 -0.22	17.07 0.75 -0.30	18.53 0.88 0.00	19.77 0.91 0.00	24.29 1.22 0.00	29.98 1.06 -8.22	28.42 1.24 -3.38	29.59 1.31 -3.95	27.73 1.31 -2.23	27.95 1.28 -3.01	25.04 1.21 0.00	24.17 1.13 -0.44	22.62 0.99 -0.90	22.18 1.05 -0.13	22.87 1.02 -1.03	24.38 1.06 -2.15	27.05 1.09 -5.00	30.43 1.14 -7.26	29.91 1.21 -6.34	27.51 1.13 -5.08	22.69 1.08 -0.06	21.17 0.89 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.33 -0.90 0.00	17.23 -0.71 -0.10	16.69 -0.73 -0.02	15.40 -0.66 -0.03	16.81 -0.83 0.00	18.09 -0.77 0.00	21.85 -1.22 0.00	20.42 -0.74 -0.45	23.23 -0.76 -0.19	23.75 -0.80 -0.22	23.53 -0.80 -0.12	23.02 -0.80 -0.17	22.92 -0.91 0.00	21.85 -0.77 -0.02	20.10 -0.66 -0.05	20.24 -0.78 -0.01	20.16 -0.71 -0.06	20.54 -0.74 -0.12	20.48 -0.75 -0.27	21.58 -0.84 -0.39	21.86 -0.85 -0.34	20.72 -0.85 -0.28	20.56 -0.99 0.00	19.53 -0.75 0.00
NEG CENTRAL___DRP 24199	19.04 -0.19 0.00	17.75 -0.20 -0.10	17.24 -0.17 -0.03	15.88 -0.18 -0.04	17.48 -0.16 0.00	18.81 -0.06 0.00	22.88 -0.18 0.00	21.13 -0.06 -0.48	23.98 -0.02 -0.20	24.49 -0.07 -0.23	24.28 -0.05 -0.13	23.77 -0.07 -0.18	23.81 -0.02 0.00	22.51 -0.11 -0.03	20.65 -0.12 -0.05	20.93 -0.08 -0.01	20.71 -0.17 -0.06	21.12 -0.17 -0.13	21.09 -0.17 -0.29	22.29 -0.15 -0.43	22.56 -0.18 -0.37	21.38 -0.21 -0.30	21.36 -0.19 0.00	20.21 -0.06 0.00

NEG CENTRAL___INDECK 23768	18.95 -0.29 0.00	17.76 -0.21 -0.13	17.23 -0.19 -0.03	15.87 -0.19 -0.05	17.43 -0.21 0.00	18.81 -0.06 0.00	22.63 -0.44 0.00	21.23 -0.10 -0.62	23.99 -0.07 -0.26	24.44 -0.20 -0.30	24.13 -0.24 -0.17	23.58 -0.31 -0.23	23.47 -0.36 0.00	22.24 -0.38 -0.03	20.46 -0.33 -0.07	20.80 -0.21 -0.01	20.69 -0.21 -0.08	21.18 -0.15 -0.16	21.22 -0.13 -0.38	22.44 -0.13 -0.55	22.72 -0.13 -0.48	21.45 -0.23 -0.38	21.29 -0.26 0.00	20.28 0.00 0.00
NEG CENTRAL___SENECA 23627	19.04 -0.19 0.00	17.74 -0.21 -0.11	17.23 -0.19 -0.03	15.87 -0.19 -0.04	17.48 -0.16 0.00	18.83 -0.04 0.00	22.86 -0.21 0.00	21.20 -0.04 -0.53	24.00 -0.02 -0.22	24.54 -0.05 -0.26	24.30 -0.05 -0.14	23.79 -0.07 -0.20	23.83 0.00 0.00	22.51 -0.11 -0.03	20.65 -0.12 -0.06	20.97 -0.04 -0.01	20.74 -0.15 -0.07	21.16 -0.15 -0.14	21.12 -0.17 -0.32	22.36 -0.13 -0.47	22.62 -0.16 -0.41	21.39 -0.23 -0.33	21.36 -0.19 0.00	20.26 -0.02 0.00
NEG CENTRAL___STATE_STREET 24147	19.12 -0.12 0.00	17.82 -0.12 -0.10	17.31 -0.10 -0.03	15.94 -0.11 -0.04	17.54 -0.11 0.00	18.83 -0.04 0.00	22.98 -0.09 0.00	21.23 0.04 -0.48	24.07 0.07 -0.20	24.61 0.05 -0.23	24.40 0.07 -0.13	23.93 0.09 -0.17	23.95 0.12 0.00	22.67 0.05 -0.03	20.79 0.02 -0.05	21.03 0.02 -0.01	20.83 -0.04 -0.06	21.25 -0.04 -0.12	21.19 -0.06 -0.29	22.38 -0.07 -0.42	22.67 -0.07 -0.37	21.51 -0.09 -0.29	21.46 -0.09 0.00	20.28 0.00 0.00
NEG MILLWOOD___DRP 24198	20.91 1.67 0.00	20.03 1.52 -0.67	19.06 1.50 -0.17	17.64 1.38 -0.24	19.13 1.48 0.00	20.45 1.58 0.00	25.21 2.15 0.00	29.21 1.91 -6.59	28.75 2.24 -2.71	29.79 2.29 -3.17	28.24 2.25 -1.79	28.33 2.25 -2.41	26.09 2.26 0.00	25.03 2.08 -0.36	23.37 1.93 -0.73	23.08 1.97 -0.10	23.60 1.96 -0.83	24.84 1.95 -1.73	26.90 1.93 -4.01	29.87 2.03 -5.83	29.51 2.06 -5.08	27.34 1.96 -4.08	23.52 1.92 -0.05	21.98 1.70 0.00
NEG NORTH_FLCN_SEA 23793	-6.77 -1.38 24.62	-6.81 -1.27 23.38	-6.76 -1.29 22.86	-6.78 -1.15 21.64	-6.70 -1.36 22.99	-6.64 -1.43 24.08	-6.54 -1.75 27.86	-6.57 -1.64 25.64	-6.46 -1.95 28.31	-6.49 -1.97 28.85	-6.52 -1.98 28.74	-6.58 -1.96 28.28	-6.50 -2.07 28.26	-6.57 -1.88 27.29	-6.69 -1.70 25.71	-6.75 -1.68 26.08	-6.79 -1.62 25.99	-6.75 -1.61 26.31	-6.67 -1.70 25.93	19.22 -1.61 1.19	20.96 -1.41 0.00	20.17 -1.13 0.00	20.53 -1.01 0.00	19.26 -1.01 0.00
NEG NORTH_KES_CHATEGAY 23792	-7.25 -1.29 25.20	-7.41 -1.20 24.06	-7.31 -1.17 23.53	-7.39 -1.06 22.35	-7.22 -1.18 23.68	-7.41 -1.26 25.02	-6.94 -1.50 28.51	-7.07 -1.39 26.39	-6.98 -1.62 29.17	-7.01 -1.65 29.69	-7.37 -1.67 29.90	-7.56 -1.68 29.55	-7.66 -1.74 29.75	-7.77 -1.63 28.73	-7.84 -1.49 27.07	-7.71 -1.55 27.16	-7.78 -1.52 27.08	-7.77 -1.52 27.41	-7.50 -1.51 26.96	19.44 -1.41 1.17	21.07 -1.30 0.00	20.19 -1.11 0.00	20.51 -1.03 0.00	19.26 -1.01 0.00
NEG NORTH___ALICE_FALLS 23915	-6.71 -1.23 24.71	-6.75 -1.11 23.49	-6.71 -1.13 22.97	-6.76 -1.03 21.76	-6.63 -1.18 23.10	-6.60 -1.25 24.23	-6.39 -1.50 27.96	-6.46 -1.41 25.76	-6.33 -1.69 28.45	-6.36 -1.70 28.99	-6.46 -1.74 28.92	-6.57 -1.75 28.48	-6.53 -1.86 28.50	-6.60 -1.67 27.52	-6.74 -1.53 25.93	-6.78 -1.53 26.25	-6.80 -1.46 26.16	-6.75 -1.44 26.48	-6.64 -1.51 26.10	19.27 -1.56 1.19	21.01 -1.36 0.00	20.19 -1.11 0.00	20.53 -1.01 0.00	19.26 -1.01 0.00
NEG NORTH___LWR_SARANAC 23913	-6.71 -1.23 24.71	-6.75 -1.11 23.49	-6.71 -1.13 22.97	-6.76 -1.03 21.76	-6.63 -1.18 23.10	-6.60 -1.25 24.23	-6.39 -1.50 27.96	-6.46 -1.41 25.76	-6.33 -1.69 28.45	-6.36 -1.70 28.99	-6.46 -1.74 28.92	-6.57 -1.75 28.48	-6.53 -1.86 28.50	-6.60 -1.67 27.52	-6.74 -1.53 25.93	-6.78 -1.53 26.25	-6.80 -1.46 26.16	-6.75 -1.44 26.48	-6.64 -1.51 26.10	19.27 -1.56 1.19	21.01 -1.36 0.00	20.19 -1.11 0.00	20.53 -1.01 0.00	19.26 -1.01 0.00
NEG NORTH___PLATTSBURG 23628	-6.71 -1.23 24.71	-6.75 -1.11 23.49	-6.71 -1.13 22.97	-6.76 -1.03 21.76	-6.63 -1.18 23.10	-6.61 -1.25 24.23	-6.39 -1.50 27.96	-6.46 -1.41 25.76	-6.33 -1.69 28.45	-6.36 -1.70 28.99	-6.46 -1.74 28.92	-6.57 -1.75 28.48	-6.53 -1.86 28.50	-6.60 -1.67 27.52	-6.74 -1.53 25.93	-6.78 -1.53 26.25	-6.80 -1.46 26.16	-6.76 -1.44 26.48	-6.64 -1.51 26.10	19.27 -1.56 1.19	21.01 -1.37 0.00	20.19 -1.11 0.00	20.54 -1.01 0.00	19.26 -1.01 0.00
NEG WEST_LEA_LOCKPORT 23791	18.22 -1.02 0.00	17.07 -0.89 -0.12	16.57 -0.85 -0.03	15.28 -0.78 -0.04	16.80 -0.85 0.00	18.09 -0.77 0.00	21.45 -1.61 0.00	20.08 -1.18 -0.55	22.72 -1.31 -0.23	23.19 -1.41 -0.27	22.97 -1.38 -0.15	22.45 -1.42 -0.20	22.52 -1.31 0.00	21.34 -1.29 -0.03	19.64 -1.14 -0.06	20.01 -1.01 -0.01	19.74 -1.14 -0.07	20.11 -1.21 -0.15	20.11 -1.19 -0.34	21.21 -1.30 -0.49	21.39 -1.41 -0.43	20.11 -1.53 -0.34	20.06 -1.49 0.00	19.32 -0.95 0.00
NEG WEST___LANCASTR 23811	18.75 -0.48 0.00	16.77 -1.21 -0.13	16.56 -0.87 -0.03	15.01 -1.06 -0.05	17.31 -0.34 0.00	18.62 -0.25 0.00	22.24 -0.83 0.00	19.89 -1.45 -0.63	22.45 -1.62 -0.26	22.91 -1.73 -0.30	22.68 -1.69 -0.17	22.19 -1.70 -0.23	23.33 -0.50 0.00	21.32 -1.31 -0.03	19.36 -1.43 -0.07	20.68 -0.34 -0.01	19.44 -1.46 -0.08	19.81 -1.52 -0.17	19.80 -1.55 -0.39	20.98 -1.61 -0.56	21.12 -1.74 -0.49	19.86 -1.83 -0.39	20.76 -0.80 0.00	19.89 -0.39 0.00
NEG_PENN_ALLEGHNY 23528	19.35 0.12 0.00	18.09 0.02 -0.23	17.50 0.05 -0.06	16.12 0.02 -0.08	17.77 0.12 0.00	19.06 0.19 0.00	23.23 0.16 0.00	21.85 0.06 -1.08	24.32 0.07 -0.44	24.93 0.07 -0.52	24.57 0.07 -0.29	24.13 0.07 -0.40	24.04 0.21 0.00	22.70 0.05 -0.06	20.86 0.02 -0.12	21.19 0.17 -0.02	20.95 0.00 -0.14	21.45 0.00 -0.29	21.63 0.00 -0.66	23.01 0.02 -0.96	23.21 0.00 -0.84	21.91 -0.06 -0.67	21.62 0.06 -0.01	20.46 0.18 0.00
NEG___GEN_MONROE 24207	18.66 -0.58 0.00	17.59 -0.36 -0.10	17.03 -0.38 -0.03	15.72 -0.34 -0.04	17.17 -0.48 0.00	18.49 -0.38 0.00	22.17 -0.90 0.00	20.74 -0.43 -0.47	23.62 -0.38 -0.19	24.10 -0.46 -0.23	23.87 -0.46 -0.13	23.29 -0.54 -0.17	23.19 -0.64 0.00	22.03 -0.59 -0.03	20.27 -0.50 -0.05	20.42 -0.59 -0.01	20.33 -0.54 -0.06	20.72 -0.57 -0.12	20.68 -0.57 -0.29	21.78 -0.66 -0.42	22.02 -0.72 -0.36	20.84 -0.75 -0.29	20.62 -0.93 0.00	19.73 -0.55 0.00
NEPA___ENERGY 23901	18.79 -0.44 0.00	17.34 -0.64 -0.13	16.92 -0.50 -0.04	15.51 -0.56 -0.05	17.34 -0.30 0.00	18.66 -0.21 0.00	22.29 -0.78 0.00	20.54 -0.81 -0.64	23.16 -0.90 -0.26	23.64 -1.00 -0.31	23.38 -0.99 -0.17	22.88 -1.02 -0.23	23.28 -0.55 0.00	21.77 -0.86 -0.03	19.94 -0.85 -0.07	20.62 -0.40 -0.01	20.02 -0.87 -0.08	20.43 -0.91 -0.17	20.43 -0.92 -0.39	21.62 -0.97 -0.57	21.77 -1.10 -0.49	20.46 -1.24 -0.40	20.69 -0.86 0.00	19.89 -0.39 0.00
NEVERSINK___HYD 23608	20.85 1.62 0.00	19.92 1.48 -0.59	19.01 1.46 -0.15	17.56 1.33 -0.21	19.14 1.50 0.00	20.47 1.60 0.00	25.19 2.12 0.00	28.11 1.86 -5.53	28.29 2.21 -2.27	29.28 2.29 -2.66	27.88 2.18 -1.50	27.84 2.15 -2.03	25.88 2.05 0.00	24.70 1.81 -0.30	22.99 1.66 -0.61	22.79 1.70 -0.08	23.22 1.71 -0.70	24.35 1.74 -1.45	26.07 1.74 -3.36	28.80 1.89 -4.89	28.56 1.92 -4.26	26.55 1.83 -3.42	23.38 1.79 -0.04	21.90 1.62 0.00

NEWKRMKL_115KV_TB1 55635	20.10 0.87 0.00	19.49 0.82 -0.82	18.40 0.80 -0.21	17.03 0.72 -0.29	18.45 0.81 0.00	19.72 0.85 0.00	23.83 0.76 0.00	29.47 0.62 -8.14	27.91 0.76 -3.35	29.07 0.83 -3.91	27.18 0.77 -2.21	27.40 0.76 -2.98	24.64 0.81 0.00	23.83 0.79 -0.44	22.32 0.70 -0.90	21.89 0.76 -0.12	22.55 0.71 -1.02	24.00 0.70 -2.13	26.58 0.67 -4.95	29.92 0.70 -7.19	29.36 0.72 -6.27	26.97 0.64 -5.04	22.32 0.71 -0.06	20.86 0.59 0.00
NEWTON___FALLS_HYD 23847	14.04 -0.77 4.43	14.12 -0.71 3.01	13.91 -0.63 2.85	13.42 -0.58 2.02	14.34 -0.62 2.68	17.31 -0.75 0.80	17.21 -0.83 5.03	16.76 -0.77 3.19	19.53 -1.00 3.28	19.64 -0.97 3.72	22.68 -0.97 0.56	23.35 -0.90 -0.58	25.54 -0.95 -2.67	24.27 -0.90 -2.58	22.30 -0.85 -2.43	19.77 -0.95 0.29	19.64 -1.00 0.18	20.02 -0.97 0.17	19.28 -0.92 0.76	20.50 -0.88 0.64	21.48 -0.89 0.00	20.49 -0.81 0.00	20.75 -0.80 0.00	19.48 -0.79 0.00
NGRID_A1_DSASP 323792	17.85 -1.39 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	21.04 -2.03 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.78 -1.83 -0.27	22.54 -1.82 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.31 -1.47 -0.06	19.58 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.75 -1.55 -0.34	20.84 -1.67 -0.49	21.01 -1.79 -0.43	19.75 -1.90 -0.35	19.66 -1.90 0.00	18.94 -1.34 0.00
NGRID_A2_DSASP 323793	17.85 -1.39 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	21.04 -2.03 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.78 -1.83 -0.27	22.54 -1.82 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.31 -1.47 -0.06	19.58 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.75 -1.55 -0.34	20.84 -1.67 -0.49	21.01 -1.79 -0.43	19.75 -1.90 -0.35	19.66 -1.90 0.00	18.94 -1.34 0.00
NGRID_A4_DSASP 323807	17.85 -1.39 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	21.04 -2.03 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.78 -1.83 -0.27	22.54 -1.82 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.31 -1.47 -0.06	19.58 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.75 -1.55 -0.34	20.84 -1.67 -0.49	21.01 -1.79 -0.43	19.75 -1.90 -0.35	19.66 -1.90 0.00	18.94 -1.34 0.00
NIAGARA_115E_LBMP 323715	17.91 -1.33 0.00	16.81 -1.16 -0.12	16.31 -1.11 -0.03	15.05 -1.01 -0.04	16.51 -1.13 0.00	17.77 -1.09 0.00	21.11 -1.96 0.00	19.78 -1.49 -0.56	22.35 -1.69 -0.23	22.80 -1.80 -0.27	22.56 -1.79 -0.15	22.07 -1.80 -0.21	22.11 -1.72 0.00	20.98 -1.65 -0.03	19.33 -1.45 -0.06	19.65 -1.37 -0.01	19.43 -1.46 -0.07	19.77 -1.54 -0.15	19.78 -1.53 -0.34	20.87 -1.65 -0.50	21.03 -1.77 -0.43	19.77 -1.87 -0.35	19.72 -1.83 0.00	19.00 -1.28 0.00
NIAGARA_115W_LBMP 323714	17.81 -1.42 0.00	16.80 -1.16 -0.12	16.29 -1.13 -0.03	15.05 -1.01 -0.04	16.48 -1.17 0.00	17.68 -1.19 0.00	20.99 -2.08 0.00	19.72 -1.55 -0.56	22.27 -1.76 -0.23	22.73 -1.87 -0.27	22.49 -1.86 -0.15	21.98 -1.89 -0.21	21.97 -1.86 0.00	20.89 -1.74 -0.03	19.25 -1.53 -0.06	19.54 -1.47 -0.01	19.35 -1.54 -0.07	19.70 -1.61 -0.15	19.71 -1.59 -0.34	20.80 -1.72 -0.49	20.94 -1.86 -0.43	19.68 -1.96 -0.35	19.61 -1.94 0.00	18.90 -1.38 0.00
NIAGARA_230_LBMP 323716	18.10 -1.13 0.00	17.00 -0.96 -0.12	16.50 -0.92 -0.03	15.23 -0.83 -0.04	16.71 -0.94 0.00	17.96 -0.91 0.00	21.36 -1.71 0.00	20.00 -1.26 -0.55	22.61 -1.43 -0.23	23.07 -1.53 -0.27	22.83 -1.52 -0.15	22.33 -1.54 -0.20	22.33 -1.50 0.00	21.20 -1.42 -0.03	19.54 -1.24 -0.06	19.86 -1.16 -0.01	19.64 -1.25 -0.07	20.00 -1.31 -0.14	20.00 -1.30 -0.34	21.10 -1.41 -0.49	21.27 -1.52 -0.43	20.00 -1.64 -0.34	19.94 -1.62 0.00	19.20 -1.08 0.00
NIAGARA___115KV_198_GIBSON 55903	17.81 -1.42 0.00	16.80 -1.16 -0.12	16.29 -1.13 -0.03	15.05 -1.01 -0.04	16.48 -1.16 0.00	17.68 -1.19 0.00	20.95 -2.12 0.00	19.72 -1.55 -0.56	22.27 -1.76 -0.23	22.70 -1.90 -0.27	22.49 -1.86 -0.15	22.00 -1.87 -0.21	21.97 -1.86 0.00	20.86 -1.76 -0.03	19.25 -1.53 -0.06	19.54 -1.47 -0.01	19.35 -1.54 -0.07	19.71 -1.61 -0.15	19.71 -1.59 -0.34	20.80 -1.72 -0.50	20.97 -1.83 -0.43	19.69 -1.96 -0.35	19.59 -1.96 0.00	18.90 -1.38 0.00
NIAGARA____ 23760	18.10 -1.13 0.00	17.00 -0.96 -0.12	16.50 -0.92 -0.03	15.23 -0.83 -0.04	16.71 -0.94 0.00	17.96 -0.91 0.00	21.36 -1.71 0.00	20.01 -1.26 -0.56	22.61 -1.43 -0.23	23.07 -1.53 -0.27	22.83 -1.52 -0.15	22.33 -1.54 -0.20	22.33 -1.50 0.00	21.20 -1.42 -0.03	19.54 -1.24 -0.06	19.86 -1.16 -0.01	19.64 -1.25 -0.07	20.00 -1.31 -0.15	20.00 -1.30 -0.34	21.10 -1.41 -0.49	21.28 -1.52 -0.43	20.00 -1.64 -0.34	19.94 -1.62 0.00	19.20 -1.08 0.00
NINE_MILE_1 23575	18.68 -0.56 0.00	17.40 -0.50 -0.05	16.92 -0.49 -0.01	15.59 -0.45 -0.02	17.13 -0.51 0.00	18.36 -0.51 0.00	22.35 -0.72 0.00	20.34 -0.62 -0.25	23.20 -0.71 -0.10	23.73 -0.73 -0.12	23.54 -0.73 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.07	20.47 -0.65 -0.15	21.56 -0.68 -0.22	21.87 -0.69 -0.19	20.82 -0.64 -0.16	20.95 -0.60 0.00	19.79 -0.49 0.00
NINE_MILE_2 23744	18.68 -0.56 0.00	17.40 -0.50 -0.05	16.92 -0.49 -0.01	15.59 -0.45 -0.02	17.13 -0.51 0.00	18.36 -0.51 0.00	22.35 -0.72 0.00	20.34 -0.62 -0.25	23.20 -0.71 -0.10	23.72 -0.73 -0.12	23.54 -0.73 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.07	20.49 -0.63 -0.15	21.56 -0.68 -0.22	21.87 -0.69 -0.19	20.84 -0.62 -0.16	20.95 -0.60 0.00	19.79 -0.49 0.00
NM_CAPITAL___DRP 24208	20.10 0.87 0.00	19.46 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.29	18.44 0.79 0.00	19.70 0.83 0.00	23.85 0.78 0.00	29.44 0.62 -8.11	27.90 0.76 -3.33	29.06 0.83 -3.90	27.17 0.77 -2.20	27.37 0.73 -2.97	24.62 0.79 0.00	23.82 0.79 -0.44	22.32 0.70 -0.89	21.89 0.76 -0.12	22.54 0.71 -1.02	23.99 0.70 -2.13	26.57 0.67 -4.93	29.89 0.70 -7.16	29.34 0.72 -6.25	26.95 0.64 -5.02	22.30 0.69 -0.06	20.84 0.57 0.00
NM_CENTRAL___DRP 24181	18.99 -0.25 0.00	17.70 -0.21 -0.07	17.20 -0.21 -0.02	15.84 -0.21 -0.03	17.41 -0.23 0.00	18.68 -0.19 0.00	22.77 -0.30 0.00	20.86 -0.19 -0.34	23.75 -0.19 -0.14	24.30 -0.19 -0.16	24.12 -0.17 -0.09	23.62 -0.17 -0.12	23.66 -0.17 0.00	22.43 -0.18 -0.02	20.59 -0.17 -0.04	20.82 -0.19 -0.01	20.63 -0.23 -0.04	21.04 -0.21 -0.09	20.94 -0.23 -0.20	22.08 -0.24 -0.29	22.38 -0.25 -0.26	21.27 -0.23 -0.21	21.33 -0.22 0.00	20.15 -0.12 0.00
NM_FRONTIER___DRP 24179	17.81 -1.42 0.00	16.80 -1.16 -0.12	16.29 -1.13 -0.03	15.05 -1.01 -0.04	16.48 -1.16 0.00	17.68 -1.19 0.00	20.95 -2.12 0.00	19.72 -1.55 -0.56	22.27 -1.76 -0.23	22.70 -1.90 -0.27	22.49 -1.86 -0.15	22.00 -1.87 -0.21	21.97 -1.86 0.00	20.86 -1.76 -0.03	19.25 -1.53 -0.06	19.54 -1.47 -0.01	19.35 -1.54 -0.07	19.71 -1.61 -0.15	19.71 -1.59 -0.34	20.80 -1.72 -0.50	20.97 -1.83 -0.43	19.69 -1.96 -0.35	19.59 -1.96 0.00	18.90 -1.38 0.00

NM_ST_REGIS___HYD 24053	12.47 -1.12 5.65	13.45 -1.04 3.36	13.30 -0.99 3.10	13.32 -0.91 1.78	13.83 -1.01 2.80	18.25 -1.09 -0.48	15.37 -1.31 6.38	15.99 -1.28 3.44	18.89 -1.52 3.39	18.72 -1.53 4.08	24.00 -1.48 -1.28	25.42 -1.42 -3.17	29.03 -1.50 -6.70	27.69 -1.38 -6.48	25.54 -1.28 -6.10	21.11 -1.41 -1.51	21.07 -1.44 -1.69	21.42 -1.46 -1.71	20.22 -1.43 -0.68	19.60 -1.43 0.99	20.96 -1.41 0.00	20.08 -1.21 0.00	20.38 -1.16 0.00	19.10 -1.18 0.00
NORTHPORT___1 23551	21.21 1.96 -0.02	20.27 1.75 -0.68	19.29 1.72 -0.18	17.90 1.63 -0.25	19.42 1.76 -0.01	20.69 1.81 -0.01	25.55 2.47 -0.02	29.49 2.15 -6.63	29.63 2.45 -3.37	29.95 2.43 -3.18	28.37 2.37 -1.80	28.45 2.34 -2.44	27.60 2.41 -1.36	27.21 2.24 -2.38	25.81 2.11 -2.98	24.37 2.18 -1.18	26.79 2.14 -3.83	27.96 2.18 -4.62	28.54 2.10 -5.48	30.63 2.20 -6.41	29.74 2.26 -5.11	28.51 2.15 -5.06	24.85 2.18 -1.13	22.28 1.99 -0.02
NORTHPORT___2 23552	21.21 1.96 -0.02	20.27 1.75 -0.68	19.29 1.72 -0.18	17.90 1.63 -0.25	19.42 1.76 -0.01	20.69 1.81 -0.01	25.55 2.47 -0.02	29.49 2.15 -6.63	29.63 2.45 -3.37	29.95 2.43 -3.18	28.37 2.37 -1.80	28.45 2.34 -2.44	27.60 2.41 -1.36	27.21 2.24 -2.38	25.81 2.11 -2.98	24.37 2.18 -1.18	26.79 2.14 -3.83	27.96 2.18 -4.62	28.54 2.10 -5.48	30.63 2.20 -6.41	29.74 2.26 -5.11	28.51 2.15 -5.06	24.85 2.18 -1.13	22.28 1.99 -0.02
NORTHPORT___3 23553	21.25 2.00 -0.02	20.29 1.77 -0.68	19.31 1.74 -0.18	17.90 1.63 -0.25	19.43 1.78 -0.01	20.73 1.85 -0.01	25.58 2.49 -0.02	29.49 2.15 -6.63	29.63 2.45 -3.37	30.00 2.48 -3.18	28.37 2.37 -1.80	28.38 2.27 -2.44	27.55 2.36 -1.36	27.23 2.26 -2.38	25.89 2.20 -2.98	24.43 2.25 -1.18	26.83 2.19 -3.83	27.92 2.14 -4.62	28.58 2.14 -5.47	30.60 2.18 -6.40	29.65 2.17 -5.11	28.38 2.02 -5.06	24.87 2.20 -1.13	22.28 1.99 -0.02
NORTHPORT___4 23650	21.25 2.00 -0.02	20.29 1.77 -0.68	19.31 1.74 -0.18	17.90 1.63 -0.25	19.43 1.78 -0.01	20.73 1.85 -0.01	25.58 2.49 -0.02	29.49 2.15 -6.63	29.63 2.45 -3.37	30.00 2.48 -3.18	28.37 2.37 -1.80	28.38 2.27 -2.44	27.55 2.36 -1.36	27.23 2.26 -2.38	25.89 2.20 -2.98	24.43 2.25 -1.18	26.83 2.19 -3.83	27.92 2.14 -4.62	28.58 2.14 -5.47	30.60 2.18 -6.40	29.65 2.17 -5.11	28.38 2.02 -5.06	24.87 2.20 -1.13	22.28 1.99 -0.02
NORTHPORT___IC 23718	21.20 1.96 -0.01	20.26 1.75 -0.67	19.29 1.72 -0.17	17.89 1.63 -0.24	19.41 1.76 0.00	20.68 1.81 0.00	25.57 2.49 -0.01	29.49 2.15 -6.63	29.63 2.45 -3.37	29.96 2.46 -3.17	28.36 2.37 -1.79	28.45 2.34 -2.44	27.60 2.41 -1.36	27.23 2.26 -2.38	25.81 2.11 -2.98	24.37 2.18 -1.18	26.79 2.14 -3.83	27.96 2.18 -4.62	28.54 2.10 -5.48	30.63 2.20 -6.41	29.74 2.26 -5.11	28.51 2.15 -5.06	24.85 2.18 -1.13	22.28 1.99 -0.02
NORTH___COUNTRY_ESR 323785	-7.32 -1.35 25.21	-7.46 -1.23 24.07	-7.37 -1.22 23.55	-7.45 -1.11 22.36	-7.29 -1.24 23.69	-7.49 -1.32 25.04	-7.02 -1.57 28.52	-7.13 -1.43 26.41	-7.05 -1.67 29.19	-7.08 -1.70 29.71	-7.45 -1.72 29.93	-7.64 -1.73 29.58	-7.74 -1.79 29.78	-7.82 -1.65 28.77	-7.91 -1.53 27.10	-7.77 -1.60 27.18	-7.82 -1.54 27.10	-7.83 -1.57 27.43	-7.57 -1.55 26.98	19.39 -1.45 1.17	21.03 -1.34 0.00	20.15 -1.15 0.00	20.47 -1.08 0.00	19.22 -1.06 0.00
NPX_GEN_1385_PROXY 323591	21.21 1.96 -0.02	20.24 1.71 -0.68	19.29 1.72 -0.18	17.96 1.70 -0.25	19.42 1.76 -0.01	20.69 1.81 -0.01	25.55 2.47 -0.02	29.45 2.11 -6.63	29.58 2.40 -3.37	29.87 2.36 -3.18	28.30 2.30 -1.80	28.38 2.27 -2.44	27.53 2.34 -1.36	27.14 2.17 -2.38	25.73 2.03 -2.98	24.37 2.18 -1.18	26.66 2.02 -3.83	27.79 2.01 -4.62	28.48 2.03 -5.48	30.54 2.11 -6.41	29.65 2.17 -5.11	28.38 2.02 -5.06	24.68 2.00 -1.13	22.12 1.83 -0.02
NPX_GEN_CSC 323557	21.52 2.27 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.22 1.95 -0.25	19.75 2.10 -0.01	20.95 2.08 -0.01	25.99 2.91 -0.02	29.88 2.55 -6.63	29.99 2.81 -3.37	30.26 2.75 -3.18	28.85 2.85 -1.80	29.04 2.93 -2.44	28.12 2.93 -1.36	27.64 2.66 -2.38	26.06 2.36 -2.98	24.68 2.50 -1.18	27.10 2.46 -3.83	28.56 2.77 -4.62	29.27 2.77 -5.53	31.35 2.86 -6.46	30.40 2.91 -5.12	28.89 2.53 -5.06	25.09 2.41 -1.13	22.55 2.25 -0.02
NSINS_S_GLNS_FALLS 23858	19.99 0.75 0.00	19.45 0.77 -0.84	18.32 0.71 -0.22	16.93 0.61 -0.30	18.38 0.74 0.00	19.64 0.77 0.00	24.18 1.11 0.00	29.92 0.95 -8.26	28.37 1.17 -3.39	29.56 1.27 -3.97	27.67 1.23 -2.24	27.89 1.21 -3.02	24.95 1.12 0.00	24.04 0.99 -0.45	22.44 0.81 -0.91	22.03 0.90 -0.13	22.71 0.85 -1.04	24.22 0.89 -2.16	26.93 0.94 -5.02	30.31 0.99 -7.29	29.83 1.10 -6.36	27.45 1.04 -5.11	22.58 0.97 -0.06	21.03 0.75 0.00
NUCOR_STEEL___DRP 24197	19.18 -0.06 0.00	17.89 -0.05 -0.10	17.36 -0.05 -0.03	16.01 -0.05 -0.03	17.59 -0.05 0.00	18.89 0.02 0.00	23.02 -0.05 0.00	21.23 0.06 -0.46	24.09 0.10 -0.19	24.63 0.07 -0.22	24.42 0.10 -0.12	23.95 0.12 -0.17	23.95 0.12 0.00	22.66 0.05 -0.02	20.81 0.04 -0.05	21.05 0.04 -0.01	20.85 -0.02 -0.06	21.27 -0.02 -0.12	21.20 -0.04 -0.28	22.38 -0.04 -0.40	22.70 -0.02 -0.35	21.54 -0.04 -0.28	21.51 -0.04 0.00	20.34 0.06 0.00
NUMBER_THREE_WT_PWR 323818	17.26 -0.33 1.65	16.47 -0.30 1.08	16.26 -0.10 1.03	15.21 -0.11 0.70	16.59 -0.09 0.96	18.35 -0.30 0.22	20.95 -0.23 1.89	19.51 -0.14 1.06	22.35 -0.31 1.15	22.74 -0.27 1.32	23.80 -0.32 0.08	23.76 -0.28 -0.38	24.69 -0.31 -1.17	23.44 -0.29 -1.14	21.51 -0.29 -1.08	20.63 -0.36 0.02	20.49 -0.37 -0.05	20.91 -0.34 -0.08	20.58 -0.27 0.11	21.70 -0.18 0.15	22.23 -0.22 -0.09	21.11 -0.25 -0.07	21.31 -0.24 0.00	20.01 -0.26 0.00
NYISO_LBMP_REFERENCE 24008	19.24 0.00 0.00	17.85 0.00 0.00	17.39 0.00 0.00	16.02 0.00 0.00	17.64 0.00 0.00	18.87 0.00 0.00	23.07 0.00 0.00	20.71 0.00 0.00	23.81 0.00 0.00	24.33 0.00 0.00	24.20 0.00 0.00	23.66 0.00 0.00	23.83 0.00 0.00	22.59 0.00 0.00	20.72 0.00 0.00	21.01 0.00 0.00	20.82 0.00 0.00	21.17 0.00 0.00	20.96 0.00 0.00	22.02 0.00 0.00	22.37 0.00 0.00	21.30 0.00 0.00	21.55 0.00 0.00	20.28 0.00 0.00
NYPA_BRENTWD____GT 24164	21.46 2.21 -0.02	20.50 1.98 -0.68	19.50 1.93 -0.18	18.09 1.83 -0.25	19.64 1.99 -0.01	20.91 2.04 -0.01	25.85 2.77 -0.02	29.78 2.44 -6.63	29.96 2.78 -3.37	30.29 2.77 -3.18	28.78 2.78 -1.80	28.85 2.74 -2.44	27.98 2.79 -1.36	27.55 2.57 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.30 2.52 -4.61	28.95 2.49 -5.49	31.06 2.62 -6.42	30.15 2.66 -5.11	28.82 2.47 -5.06	25.11 2.43 -1.13	22.55 2.25 -0.02
NYPA_GOWANUS____GT5 24156	21.18 1.90 -0.04	20.24 1.71 -0.68	19.23 1.65 -0.18	17.80 1.54 -0.25	19.35 1.69 -0.01	20.59 1.72 -0.01	25.37 2.28 -0.02	33.80 2.01 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.08 -12.57	36.10 2.08 -13.06	35.96 2.16 -11.77	34.12 2.22 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.24 1.95 -0.02

NYPA_GOWANUS____GT6 24157	21.18	20.24	19.23	17.80	19.35	20.59	25.37	33.80	37.71	45.12	35.90	35.92	36.22	36.03	34.08	34.04	34.13	35.81	36.10	35.96	34.12	30.37	28.65	22.24
	1.90	1.71	1.65	1.54	1.69	1.72	2.28	2.01	2.19	2.21	2.25	2.22	2.26	2.15	2.05	2.10	2.10	2.08	2.08	2.16	2.22	2.11	2.13	1.95
	-0.04	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.97	-0.02
NYPA_HARLEM__RVR__GT1 24160	21.01	20.18	19.17	17.66	19.31	20.50	25.20	37.57	45.48	58.45	42.48	42.47	44.96	45.45	43.17	43.35	43.02	45.16	43.87	41.00	37.82	32.71	32.73	22.05
	1.73	1.66	1.60	1.39	1.66	1.62	2.12	1.86	2.10	2.09	2.15	2.13	2.17	2.03	1.90	1.95	1.94	1.97	1.95	2.02	2.04	1.94	1.94	1.76
	-0.04	-0.68	-0.18	-0.25	-0.01	-0.01	-0.01	-14.99	-19.58	-32.03	-16.12	-16.67	-18.96	-20.82	-20.55	-20.39	-20.27	-22.02	-20.95	-16.95	-13.42	-9.47	-9.25	-0.01
NYPA_HARLEM__RVR__GT2 24161	21.01	20.18	19.17	17.66	19.31	20.50	25.20	37.57	45.48	58.45	42.48	42.47	44.96	45.45	43.17	43.35	43.02	45.16	43.87	41.00	37.82	32.71	32.73	22.05
	1.73	1.66	1.60	1.39	1.66	1.62	2.12	1.86	2.10	2.09	2.15	2.13	2.17	2.03	1.90	1.95	1.94	1.97	1.95	2.02	2.04	1.94	1.94	1.76
	-0.04	-0.68	-0.18	-0.25	-0.01	-0.01	-0.01	-14.99	-19.58	-32.03	-16.12	-16.67	-18.96	-20.82	-20.55	-20.39	-20.27	-22.02	-20.95	-16.95	-13.42	-9.47	-9.25	-0.01
NYPA_KENT____GT 24152	21.10	20.18	19.19	17.76	19.29	20.55	25.32	33.76	37.71	45.12	35.87	35.92	36.22	36.00	34.04	34.00	34.09	35.79	36.06	35.93	34.08	30.31	28.58	22.15
	1.83	1.66	1.62	1.49	1.64	1.68	2.24	1.97	2.19	2.21	2.23	2.22	2.26	2.12	2.01	2.06	2.06	2.05	2.03	2.14	2.17	2.04	2.07	1.86
	-0.04	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.97	-0.01
NYPA_POUCH1____GT 24155	21.28	20.34	19.33	17.90	19.43	20.67	25.44	33.83	37.62	45.03	35.80	35.82	36.12	35.94	34.06	34.04	34.11	35.75	36.04	35.91	34.12	30.41	28.72	22.32
	2.00	1.82	1.76	1.63	1.78	1.79	2.35	2.03	2.10	2.12	2.15	2.13	2.17	2.06	2.03	2.10	2.08	2.01	2.01	2.11	2.22	2.15	2.20	2.03
	-0.04	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.97	-0.02
NYPA_VERNON____GT2 24162	21.04	20.13	19.14	17.71	19.24	20.52	25.28	33.74	37.69	45.10	35.87	35.90	36.19	35.98	34.02	33.96	34.04	35.77	36.04	35.89	34.01	30.26	28.52	22.09
	1.77	1.61	1.57	1.44	1.59	1.64	2.19	1.95	2.17	2.19	2.23	2.20	2.24	2.10	1.99	2.02	2.02	2.03	2.01	2.09	2.10	2.00	2.00	1.80
	-0.03	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.96	-0.01
NYPA_VERNON____GT3 24163	21.04	20.13	19.14	17.71	19.24	20.52	25.28	33.74	37.69	45.10	35.87	35.90	36.19	35.98	34.02	33.96	34.04	35.77	36.04	35.89	34.01	30.26	28.52	22.09
	1.77	1.61	1.57	1.44	1.59	1.64	2.19	1.95	2.17	2.19	2.23	2.20	2.24	2.10	1.99	2.02	2.02	2.03	2.01	2.09	2.10	2.00	2.00	1.80
	-0.03	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.96	-0.01
NYPA__ASTORIA_CC1 323568	21.00	20.11	19.12	17.68	19.24	20.48	25.23	33.68	37.64	45.03	35.80	35.82	36.12	35.91	33.96	33.91	33.98	35.70	35.97	35.82	33.97	30.20	28.45	22.05
	1.73	1.59	1.55	1.41	1.59	1.60	2.15	1.88	2.12	2.12	2.15	2.13	2.17	2.03	1.93	1.97	1.96	1.97	1.95	2.02	2.06	1.94	1.94	1.76
	-0.03	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.96	-0.01
NYPA__ASTORIA_CC2 323569	21.00	20.11	19.12	17.68	19.24	20.48	25.23	33.68	37.64	45.03	35.80	35.82	36.12	35.91	33.96	33.91	33.98	35.70	35.97	35.82	33.97	30.20	28.45	22.05
	1.73	1.59	1.55	1.41	1.59	1.60	2.15	1.88	2.12	2.12	2.15	2.13	2.17	2.03	1.93	1.97	1.96	1.97	1.95	2.02	2.06	1.94	1.94	1.76
	-0.03	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-11.09	-11.72	-18.58	-9.45	-10.03	-10.13	-11.29	-11.31	-10.93	-11.21	-12.57	-13.06	-11.77	-9.54	-6.96	-4.96	-0.01
NYPA__HOLTSVILL 23794	21.46	20.52	19.54	18.12	19.68	20.91	25.90	29.80	29.94	30.26	28.78	28.92	28.02	27.57	26.06	24.64	27.08	28.39	29.08	31.19	30.22	28.83	25.09	22.53
	2.21	2.00	1.96	1.86	2.03	2.04	2.81	2.46	2.76	2.75	2.78	2.81	2.83	2.60	2.36	2.46	2.43	2.60	2.58	2.71	2.73	2.47	2.41	2.23
	-0.02	-0.68	-0.18	-0.25	-0.01	-0.01	-0.02	-6.63	-3.37	-3.18	-1.80	-2.44	-1.36	-2.38	-2.98	-1.18	-3.83	-4.62	-5.53	-6.46	-5.12	-5.06	-1.13	-0.02
NYPA____HELLGATE_GT1 24158	20.98	20.18	19.17	17.66	19.31	20.50	25.20	29.73	29.74	31.53	29.10	29.16	27.26	26.35	24.67	24.41	24.88	26.22	28.06	30.62	30.05	27.68	24.15	22.05
	1.73	1.66	1.60	1.39	1.66	1.62	2.12	1.86	2.10	2.09	2.15	2.13	2.17	2.03	1.90	1.95	1.94	1.97	1.95	2.02	2.04	1.94	1.94	1.76
	-0.01	-0.68	-0.18	-0.25	-0.01	-0.01	-0.01	-7.16	-3.84	-5.10	-2.74	-3.37	-1.26	-1.72	-2.05	-1.45	-2.13	-3.08	-5.14	-6.57	-5.64	-4.44	-0.66	-0.01
NYPA____HELLGATE_GT2 24159	20.98	20.18	19.17	17.66	19.31	20.50	25.20	29.73	29.74	31.53	29.10	29.16	27.26	26.35	24.67	24.41	24.88	26.22	28.06	30.62	30.05	27.68	24.15	22.05
	1.73	1.66	1.60	1.39	1.66	1.62	2.12	1.86	2.10	2.09	2.15	2.13	2.17	2.03	1.90	1.95	1.94	1.97	1.95	2.02	2.04	1.94	1.94	1.76
	-0.01	-0.68	-0.18	-0.25	-0.01	-0.01	-0.01	-7.16	-3.84	-5.10	-2.74	-3.37	-1.26	-1.72	-2.05	-1.45	-2.13	-3.08	-5.14	-6.57	-5.64	-4.44	-0.66	-0.01
NYS_BARGE__HYD 23848	18.22	17.07	16.57	15.28	16.80	18.09	21.48	20.08	22.72	23.18	22.97	22.45	22.52	21.34	19.66	20.01	19.76	20.11	20.10	21.21	21.38	20.10	20.09	19.32
	-1.02	-0.89	-0.85	-0.78	-0.85	-0.77	-1.59	-1.18	-1.31	-1.41	-1.38	-1.42	-1.31	-1.29	-1.12	-1.01	-1.12	-1.21	-1.19	-1.30	-1.41	-1.53	-1.47	-0.95
	0.00	-0.12	-0.03	-0.04	0.00	0.00	0.00	-0.55	-0.23	-0.26	-0.15	-0.20	0.00	-0.03	-0.06	-0.01	-0.07	-0.14	-0.33	-0.48	-0.42	-0.34	0.00	0.00
OAK ORCHARD__HYD 24046	18.60	17.52	16.96	15.67	17.08	18.38	22.08	20.68	23.52	24.02	23.82	23.29	23.16	22.12	20.36	20.51	20.44	20.82	20.78	21.88	22.12	20.97	20.75	19.79
	-0.63	-0.43	-0.45	-0.38	-0.57	-0.49	-0.99	-0.50	-0.48	-0.54	-0.51	-0.54	-0.67	-0.50	-0.41	-0.50	-0.44	-0.47	-0.46	-0.55	-0.60	-0.62	-0.80	-0.49
	0.00	-0.10	-0.03	-0.04	0.00	0.00	0.00	-0.47	-0.19	-0.22	-0.13	-0.17	0.00	-0.03	-0.05	-0.01	-0.06	-0.12	-0.28	-0.41	-0.36	-0.29	0.00	0.00
OAKDALE__35_KV_LOAD 356122	19.37	18.11	17.52	16.13	17.78	19.06	23.21	21.83	24.29	24.90	24.52	24.08	24.02	22.70	20.84	21.17	20.95	21.45	21.60	22.98	23.18	21.88	21.60	20.44
	0.13	0.04	0.07	0.03	0.14	0.19	0.14	0.04	0.05	0.05	0.02	0.02	0.19	0.05	0.00	0.15	0.00	0.00	-0.02	0.00	-0.02	-0.09	0.04	0.16
	0.00	-0.22	-0.06	-0.08	0.00	0.00	0.00	-1.07	-0.44	-0.52	-0.29	-0.39	0.00	-0.06	-0.12	-0.02	-0.14	-0.28	-0.66	-0.96	-0.84	-0.67	-0.01	0.00

OCC_CHEM___DRP 24175	17.85 -1.38 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	20.99 -2.08 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.75 -1.85 -0.27	22.56 -1.79 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.29 -1.49 -0.06	19.59 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.76 -1.55 -0.34	20.85 -1.67 -0.50	21.02 -1.79 -0.43	19.75 -1.90 -0.35	19.63 -1.92 0.00	18.94 -1.34 0.00
OH_GEN_PROXY 24063	18.14 -1.10 0.00	17.03 -0.93 -0.12	16.53 -0.89 -0.03	15.26 -0.80 -0.04	16.74 -0.90 0.00	18.00 -0.87 0.00	21.43 -1.64 0.00	20.06 -1.20 -0.56	22.68 -1.36 -0.23	23.14 -1.46 -0.27	22.90 -1.45 -0.15	22.40 -1.47 -0.20	22.40 -1.43 0.00	21.27 -1.36 -0.03	19.60 -1.18 -0.06	19.90 -1.11 -0.01	19.70 -1.19 -0.07	20.04 -1.27 -0.14	20.06 -1.24 -0.34	21.17 -1.34 -0.49	21.34 -1.45 -0.43	20.06 -1.58 -0.34	20.00 -1.55 0.00	19.26 -1.01 0.00
OLIN_CORP_DRP 24177	17.95 -1.29 0.00	16.84 -1.12 -0.12	16.34 -1.08 -0.03	15.08 -0.98 -0.04	16.55 -1.09 0.00	17.81 -1.06 0.00	21.13 -1.94 0.00	19.83 -1.45 -0.57	22.42 -1.62 -0.23	22.85 -1.75 -0.27	22.64 -1.72 -0.15	22.12 -1.75 -0.21	22.16 -1.67 0.00	21.02 -1.60 -0.03	19.37 -1.41 -0.06	19.71 -1.30 -0.01	19.47 -1.42 -0.07	19.81 -1.50 -0.15	19.82 -1.49 -0.35	20.94 -1.59 -0.50	21.09 -1.72 -0.44	19.82 -1.83 -0.35	19.76 -1.79 0.00	19.04 -1.24 0.00
OLIN_CORP_DSASP 323712	17.85 -1.39 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	21.04 -2.03 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.78 -1.83 -0.27	22.54 -1.82 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.31 -1.47 -0.06	19.58 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.75 -1.55 -0.34	20.84 -1.67 -0.49	21.01 -1.79 -0.43	19.75 -1.90 -0.35	19.66 -1.90 0.00	18.94 -1.34 0.00
ONEIDA_HERK_LFGE 323681	18.98 0.15 0.41	17.76 0.13 0.21	17.37 0.19 0.21	16.07 0.16 0.11	17.67 0.21 0.19	19.08 0.15 -0.07	22.87 0.28 0.48	20.78 0.31 0.25	23.85 0.29 0.24	24.37 0.34 0.30	24.64 0.31 -0.12	24.27 0.33 -0.27	24.71 0.33 -0.55	23.44 0.32 -0.53	21.47 0.25 -0.50	21.38 0.23 -0.14	21.21 0.23 -0.16	21.55 0.21 -0.17	21.31 0.25 -0.09	22.30 0.35 0.08	22.66 0.29 0.00	21.53 0.23 0.00	21.78 0.24 0.00	20.48 0.20 0.00
ONEIDA___115KV_TB4 55905	19.72 0.48 0.00	18.30 0.43 -0.03	17.82 0.42 -0.01	16.40 0.37 -0.01	18.08 0.44 0.00	19.36 0.49 0.00	23.76 0.69 0.00	21.54 0.70 -0.13	24.60 0.74 -0.05	25.20 0.80 -0.06	24.99 0.75 -0.04	24.47 0.76 -0.05	24.64 0.81 0.00	23.32 0.72 -0.01	21.40 0.66 -0.01	21.66 0.65 0.00	21.48 0.65 -0.02	21.73 0.53 -0.03	21.59 0.55 -0.08	22.77 0.64 -0.11	23.07 0.60 -0.10	21.89 0.51 -0.08	22.09 0.54 0.00	20.76 0.49 0.00
ONONDAGA_REF_OCCRA 23987	19.10 -0.13 0.00	17.79 -0.12 -0.07	17.29 -0.12 -0.02	15.93 -0.11 -0.03	17.52 -0.12 0.00	18.79 -0.08 0.00	22.93 -0.14 0.00	21.03 -0.02 -0.34	23.92 -0.02 -0.14	24.47 -0.02 -0.17	24.27 -0.02 -0.09	23.79 0.00 -0.13	23.83 0.00 0.00	22.59 -0.02 -0.02	20.72 -0.04 -0.04	20.97 -0.04 -0.01	20.78 -0.08 -0.04	21.17 -0.08 -0.09	21.09 -0.08 -0.21	22.24 -0.09 -0.30	22.54 -0.09 -0.26	21.40 -0.11 -0.21	21.46 -0.09 0.00	20.26 -0.02 0.00
ONONDAGA___COGEN 23986	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.12 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 0.00 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.05 -0.15 -0.23	22.20 -0.15 -0.33	22.53 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00
ONTARIO___LFGE 23819	19.04 -0.19 0.00	17.74 -0.21 -0.11	17.23 -0.19 -0.03	15.87 -0.19 -0.04	17.48 -0.16 0.00	18.83 -0.04 0.00	22.88 -0.19 0.00	21.20 -0.04 -0.53	24.00 -0.02 -0.22	24.54 -0.05 -0.26	24.30 -0.05 -0.14	23.79 -0.07 -0.20	23.83 0.00 0.00	22.51 -0.11 -0.03	20.65 -0.12 -0.06	20.97 -0.04 -0.01	20.74 -0.14 -0.07	21.16 -0.15 -0.14	21.12 -0.17 -0.32	22.36 -0.13 -0.47	22.62 -0.16 -0.41	21.39 -0.23 -0.33	21.36 -0.19 0.00	20.26 -0.02 0.00
ORANGEVILLE_WT_PWR 323706	18.22 -1.02 0.00	16.97 -1.02 -0.14	16.57 -0.85 -0.04	15.22 -0.85 -0.05	16.90 -0.74 0.00	18.15 -0.72 0.00	21.66 -1.41 0.00	20.11 -1.26 -0.66	22.65 -1.43 -0.27	23.16 -1.49 -0.32	22.90 -1.48 -0.18	22.39 -1.51 -0.24	22.59 -1.24 0.00	21.21 -1.42 -0.04	19.49 -1.30 -0.07	20.01 -1.01 -0.01	19.59 -1.31 -0.08	19.96 -1.38 -0.17	19.96 -1.40 -0.40	21.13 -1.48 -0.58	21.29 -1.59 -0.51	20.02 -1.68 -0.41	20.11 -1.44 0.00	19.26 -1.01 0.00
ORANGEVILLE___ESR 323794	18.22 -1.02 0.00	16.97 -1.02 -0.14	16.57 -0.85 -0.04	15.22 -0.85 -0.05	16.90 -0.74 0.00	18.15 -0.72 0.00	21.66 -1.41 0.00	20.11 -1.26 -0.66	22.65 -1.43 -0.27	23.16 -1.49 -0.32	22.90 -1.48 -0.18	22.39 -1.51 -0.24	22.59 -1.24 0.00	21.21 -1.42 -0.04	19.49 -1.30 -0.07	20.01 -1.01 -0.01	19.59 -1.31 -0.08	19.96 -1.38 -0.17	19.96 -1.40 -0.40	21.13 -1.48 -0.58	21.29 -1.59 -0.51	20.02 -1.68 -0.41	20.11 -1.44 0.00	19.26 -1.01 0.00
OSWEGATCHIE___HYD 24044	14.04 -0.77 4.43	14.12 -0.71 3.01	13.92 -0.63 2.85	13.43 -0.58 2.02	14.34 -0.62 2.68	17.31 -0.76 0.80	17.21 -0.83 5.03	16.76 -0.77 3.19	19.53 -1.00 3.28	19.64 -0.97 3.72	22.68 -0.97 0.56	23.35 -0.90 -0.58	25.54 -0.95 -2.67	24.29 -0.88 -2.58	22.30 -0.85 -2.43	19.77 -0.94 0.29	19.64 -1.00 0.18	20.02 -0.97 0.17	19.28 -0.92 0.76	20.50 -0.88 0.64	21.47 -0.90 0.00	20.49 -0.81 0.00	20.75 -0.80 0.00	19.48 -0.79 0.00
OSWEGO___5 23606	18.79 -0.44 0.00	17.51 -0.39 -0.06	17.02 -0.38 -0.02	15.69 -0.35 -0.02	17.24 -0.41 0.00	18.47 -0.40 0.00	22.49 -0.58 0.00	20.52 -0.48 -0.28	23.38 -0.55 -0.12	23.91 -0.56 -0.14	23.72 -0.56 -0.08	23.22 -0.54 -0.10	23.28 -0.55 0.00	22.09 -0.52 -0.02	20.27 -0.48 -0.03	20.53 -0.48 0.00	20.35 -0.50 -0.04	20.76 -0.49 -0.07	20.63 -0.50 -0.17	21.74 -0.53 -0.25	22.05 -0.54 -0.22	20.98 -0.49 -0.18	21.08 -0.47 0.00	19.91 -0.36 0.00
OSWEGO___6 23613	18.79 -0.44 0.00	17.51 -0.39 -0.06	17.02 -0.38 -0.02	15.69 -0.35 -0.02	17.24 -0.41 0.00	18.47 -0.40 0.00	22.49 -0.58 0.00	20.52 -0.48 -0.28	23.38 -0.55 -0.12	23.91 -0.56 -0.14	23.72 -0.56 -0.08	23.22 -0.54 -0.10	23.28 -0.55 0.00	22.09 -0.52 -0.02	20.27 -0.48 -0.03	20.53 -0.48 0.00	20.35 -0.50 -0.04	20.76 -0.49 -0.07	20.63 -0.50 -0.17	21.74 -0.53 -0.25	22.05 -0.54 -0.22	20.98 -0.49 -0.18	21.08 -0.47 0.00	19.91 -0.36 0.00
OUTOKUMPU-AB___DRP 24206	18.31 -0.92 0.00	17.13 -0.84 -0.12	16.66 -0.77 -0.03	15.33 -0.74 -0.04	16.92 -0.72 0.00	18.19 -0.68 0.00	21.57 -1.50 0.00	20.18 -1.10 -0.57	22.85 -1.19 -0.23	23.29 -1.31 -0.27	23.10 -1.26 -0.15	22.57 -1.30 -0.21	22.71 -1.12 0.00	21.47 -1.15 -0.03	19.75 -1.04 -0.06	20.15 -0.86 -0.01	19.85 -1.04 -0.07	20.20 -1.12 -0.15	20.18 -1.13 -0.35	21.32 -1.21 -0.51	21.47 -1.34 -0.44	20.18 -1.47 -0.35	20.19 -1.36 0.00	19.44 -0.83 0.00

OXBOW___BTM 323836	18.08 -1.15 0.00	16.98 -0.98 -0.12	16.48 -0.94 -0.03	15.21 -0.85 -0.04	16.73 -0.92 0.00	17.96 -0.91 0.00	21.32 -1.75 0.00	19.99 -1.28 -0.57	22.59 -1.45 -0.23	23.07 -1.53 -0.27	22.83 -1.52 -0.15	22.33 -1.54 -0.21	22.37 -1.45 0.00	21.22 -1.40 -0.03	19.54 -1.24 -0.06	19.90 -1.11 -0.01	19.64 -1.25 -0.07	19.98 -1.33 -0.15	19.97 -1.34 -0.34	21.09 -1.43 -0.50	21.26 -1.54 -0.43	19.96 -1.68 -0.35	19.96 -1.59 0.00	19.20 -1.08 0.00
OXBOW____ 24026	18.08 -1.15 0.00	16.98 -0.98 -0.12	16.48 -0.94 -0.03	15.21 -0.85 -0.04	16.73 -0.92 0.00	17.96 -0.91 0.00	21.29 -1.78 0.00	19.99 -1.28 -0.57	22.59 -1.45 -0.23	23.05 -1.56 -0.27	22.83 -1.52 -0.15	22.33 -1.54 -0.21	22.38 -1.45 0.00	21.22 -1.40 -0.03	19.54 -1.24 -0.06	19.88 -1.13 -0.01	19.64 -1.25 -0.07	19.98 -1.33 -0.15	19.97 -1.34 -0.35	21.09 -1.43 -0.50	21.26 -1.54 -0.44	19.97 -1.68 -0.35	19.91 -1.64 0.00	19.20 -1.07 0.00
OXY_CHEM_DSASP 323612	17.85 -1.38 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	20.99 -2.08 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.75 -1.85 -0.27	22.56 -1.79 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.29 -1.49 -0.06	19.59 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.76 -1.55 -0.34	20.85 -1.67 -0.50	21.02 -1.79 -0.43	19.75 -1.90 -0.35	19.63 -1.92 0.00	18.94 -1.34 0.00
OZONE_PARK_ESR 323760	21.19 1.92 -0.03	20.19 1.68 -0.67	19.22 1.65 -0.17	17.81 1.55 -0.24	19.32 1.68 0.00	20.62 1.75 0.00	25.48 2.40 -0.02	33.90 2.15 -11.04	37.96 2.52 -11.63	45.31 2.55 -18.42	36.11 2.54 -9.37	36.13 2.51 -9.95	36.43 2.57 -10.03	36.17 2.40 -11.18	34.14 2.22 -11.21	34.10 2.27 -10.83	34.19 2.27 -11.10	35.93 2.31 -12.46	36.22 2.29 -12.97	36.14 2.40 -11.71	34.26 2.39 -9.49	30.45 2.22 -6.94	28.68 2.22 -4.91	22.24 1.97 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.85 -1.38 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	20.99 -2.08 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.75 -1.85 -0.27	22.56 -1.79 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.29 -1.49 -0.06	19.59 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.76 -1.55 -0.34	20.85 -1.67 -0.50	21.02 -1.79 -0.43	19.75 -1.90 -0.35	19.63 -1.92 0.00	18.94 -1.34 0.00
PACKARD__115KV_DUPONT_184 80571	17.85 -1.38 0.00	16.84 -1.12 -0.12	16.33 -1.10 -0.03	15.08 -0.98 -0.04	16.51 -1.13 0.00	17.72 -1.15 0.00	20.99 -2.08 0.00	19.76 -1.51 -0.56	22.32 -1.71 -0.23	22.75 -1.85 -0.27	22.56 -1.79 -0.15	22.05 -1.82 -0.21	22.04 -1.79 0.00	20.93 -1.69 -0.03	19.29 -1.49 -0.06	19.59 -1.43 -0.01	19.41 -1.48 -0.07	19.75 -1.57 -0.15	19.76 -1.55 -0.34	20.85 -1.67 -0.50	21.02 -1.79 -0.43	19.75 -1.90 -0.35	19.63 -1.92 0.00	18.94 -1.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.88 1.64 -0.01	20.12 1.61 -0.67	19.11 1.55 -0.17	17.59 1.33 -0.24	19.25 1.61 0.00	20.43 1.57 0.00	25.12 2.03 -0.02	29.24 1.78 -6.75	28.83 2.00 -3.02	30.03 2.00 -3.70	28.28 2.03 -2.05	28.35 2.01 -2.68	26.22 2.05 -0.35	25.25 1.92 -0.73	23.61 1.80 -1.09	23.32 1.85 -0.47	23.85 1.85 -1.18	25.13 1.86 -2.10	27.13 1.84 -4.32	29.97 1.92 -6.03	29.53 1.92 -5.24	27.31 1.83 -4.18	23.59 1.83 -0.21	21.96 1.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.98 1.73 -0.01	20.21 1.70 -0.67	19.20 1.63 -0.17	17.68 1.43 -0.24	19.35 1.71 0.00	20.55 1.68 0.00	25.23 2.15 -0.02	29.35 1.88 -6.75	28.95 2.12 -3.02	30.15 2.12 -3.70	28.36 2.11 -2.05	28.52 2.18 -2.68	26.27 2.10 -0.35	25.29 1.97 -0.73	23.65 1.84 -1.09	23.37 1.89 -0.47	23.87 1.87 -1.18	25.17 1.91 -2.10	27.20 1.91 -4.32	30.04 1.98 -6.03	29.62 2.01 -5.24	27.39 1.92 -4.18	23.68 1.92 -0.21	22.04 1.76 0.00
PATROON__115KV_TB1 80586	20.14 0.90 0.00	19.52 0.86 -0.82	18.44 0.83 -0.21	17.05 0.74 -0.29	18.47 0.83 0.00	19.74 0.87 0.00	23.90 0.83 0.00	29.55 0.68 -8.16	28.01 0.86 -3.35	29.18 0.92 -3.92	27.28 0.87 -2.21	27.50 0.85 -2.99	24.71 0.88 0.00	23.89 0.86 -0.44	22.38 0.77 -0.90	21.95 0.82 -0.12	22.61 0.77 -1.03	24.07 0.76 -2.14	26.66 0.73 -4.96	30.00 0.77 -7.21	29.44 0.78 -6.29	27.07 0.72 -5.05	22.38 0.78 -0.06	20.92 0.65 0.00
PATTRSNVILLE__SOLAR 323815	20.06 0.83 0.00	19.51 0.80 -0.86	18.38 0.76 -0.22	17.02 0.69 -0.31	18.44 0.79 0.00	19.72 0.85 0.00	24.20 1.13 0.00	30.10 0.99 -8.40	28.40 1.14 -3.45	29.53 1.17 -4.03	27.61 1.14 -2.28	27.87 1.14 -3.07	24.95 1.12 0.00	24.07 1.02 -0.45	22.53 0.89 -0.92	22.08 0.95 -0.13	22.81 0.94 -1.06	24.34 0.97 -2.20	27.05 0.99 -5.10	30.50 1.06 -7.42	29.94 1.10 -6.47	27.54 1.04 -5.19	22.62 1.01 -0.06	21.15 0.87 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.70 -0.54 0.00	16.94 -1.04 -0.13	16.64 -0.78 -0.03	15.15 -0.91 -0.05	17.26 -0.39 0.00	18.57 -0.30 0.00	22.12 -0.95 0.00	20.08 -1.24 -0.62	22.68 -1.38 -0.25	23.14 -1.48 -0.30	22.92 -1.45 -0.17	22.42 -1.47 -0.23	23.26 -0.57 0.00	21.48 -1.15 -0.03	19.59 -1.20 -0.07	20.64 -0.38 -0.01	19.66 -1.23 -0.08	20.02 -1.31 -0.16	20.02 -1.32 -0.38	21.20 -1.37 -0.55	21.35 -1.50 -0.48	20.04 -1.64 -0.38	20.67 -0.88 0.00	19.85 -0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.91 1.67 0.00	20.03 1.52 -0.67	19.06 1.50 -0.17	17.64 1.38 -0.24	19.13 1.48 0.00	20.45 1.58 0.00	25.21 2.15 0.00	29.21 1.91 -6.59	28.75 2.24 -2.71	29.79 2.29 -3.17	28.24 2.25 -1.79	28.33 2.25 -2.41	26.09 2.26 0.00	25.03 2.08 -0.36	23.37 1.93 -0.73	23.08 1.97 -0.10	23.60 1.96 -0.83	24.84 1.95 -1.73	26.90 1.93 -4.01	29.87 2.03 -5.83	29.51 2.06 -5.08	27.34 1.96 -4.08	23.52 1.92 -0.05	21.98 1.70 0.00
PEEKSKILL____ 23653	20.83 1.60 0.00	19.92 1.41 -0.67	18.94 1.37 -0.17	17.55 1.30 -0.24	19.04 1.39 0.00	20.32 1.45 0.00	25.08 2.01 0.00	29.07 1.78 -6.58	28.58 2.07 -2.71	29.59 2.09 -3.16	28.09 2.10 -1.78	28.16 2.08 -2.41	25.95 2.12 0.00	24.92 1.96 -0.36	23.29 1.84 -0.72	23.00 1.89 -0.10	23.52 1.87 -0.83	24.80 1.91 -1.73	26.85 1.89 -4.00	29.80 1.96 -5.82	29.41 1.97 -5.07	27.20 1.83 -4.07	23.41 1.81 -0.05	21.88 1.60 0.00
PGE MADISON__WINDPWR 24146	20.27 1.04 0.00	18.98 0.89 -0.24	18.22 0.76 -0.06	16.84 0.74 -0.08	18.60 0.95 0.00	20.11 1.24 0.00	24.94 1.87 0.00	23.76 1.93 -1.13	26.27 2.00 -0.46	27.06 2.19 -0.54	26.54 2.03 -0.31	26.06 1.99 -0.41	25.93 2.10 0.00	24.44 1.78 -0.06	22.40 1.55 -0.12	22.64 1.62 -0.02	21.95 1.00 -0.13	22.55 1.10 -0.28	22.83 1.22 -0.65	24.46 1.50 -0.94	24.56 1.36 -0.82	23.07 1.11 -0.66	22.78 1.23 -0.01	21.49 1.22 0.00
PIERCEFIELD__HYD 23852	11.46 -1.06 6.72	12.25 -0.98 4.61	12.10 -0.94 4.35	12.05 -0.87 3.10	12.59 -0.95 4.10	16.56 -1.04 1.28	14.20 -1.27 7.60	14.63 -1.24 4.84	17.32 -1.50 4.99	17.19 -1.51 5.64	21.87 -1.43 0.90	23.12 -1.35 -0.80	26.32 -1.43 -3.92	25.08 -1.31 -3.79	23.07 -1.22 -3.57	19.14 -1.37 0.50	19.06 -1.42 0.34	19.40 -1.42 0.35	18.35 -1.38 1.23	19.65 -1.41 0.96	20.96 -1.41 0.00	20.08 -1.21 0.00	20.36 -1.19 0.00	19.10 -1.18 0.00

PINELAWN_CC_1 323563	21.33 2.08 -0.01	20.36 1.84 -0.68	19.38 1.81 -0.18	17.96 1.70 -0.25	19.50 1.85 -0.01	20.78 1.90 -0.01	25.67 2.58 -0.01	29.61 2.28 -6.63	29.77 2.60 -3.37	30.14 2.63 -3.18	28.61 2.61 -1.80	28.66 2.56 -2.44	27.76 2.57 -1.36	27.37 2.39 -2.38	25.92 2.22 -2.98	24.47 2.29 -1.18	26.93 2.29 -3.83	28.13 2.35 -4.61	28.79 2.35 -5.48	30.90 2.47 -6.41	29.97 2.48 -5.11	28.66 2.30 -5.06	24.96 2.28 -1.13	22.38 2.09 -0.02
PJM_GEN_HTP_PROXY 323702	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.69 1.43 -0.25	19.19 1.53 -0.01	20.48 1.60 -0.01	25.28 2.19 -0.02	33.64 1.95 -10.99	37.61 2.29 -11.52	44.86 2.29 -18.24	35.78 2.30 -9.28	35.82 2.29 -9.86	36.04 2.31 -9.90	35.81 2.17 -11.04	33.81 2.01 -11.08	33.76 2.06 -10.70	33.86 2.06 -10.98	35.59 2.10 -12.33	35.88 2.06 -12.86	35.82 2.16 -11.64	33.98 2.17 -9.44	30.20 2.00 -6.90	28.38 1.98 -4.85	22.07 1.78 -0.01
PJM_GEN_KEystone 24065	19.70 0.46 0.00	18.56 0.30 -0.41	17.83 0.33 -0.11	16.47 0.30 -0.15	18.09 0.44 0.00	19.36 0.49 0.00	23.58 0.51 0.00	25.08 0.39 -3.98	26.41 0.48 -2.13	27.60 0.44 -2.83	26.16 0.44 -1.52	25.96 0.43 -1.87	25.15 0.62 -0.70	23.96 0.41 -0.96	22.25 0.39 -1.14	22.40 0.59 -0.81	22.41 0.42 -1.18	23.28 0.40 -1.71	24.22 0.40 -2.86	26.09 0.42 -3.65	25.86 0.36 -3.13	24.02 0.26 -2.47	22.30 0.39 -0.37	20.76 0.49 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.05 1.81 -0.01	20.13 1.61 -0.68	19.14 1.57 -0.18	17.75 1.49 -0.25	19.25 1.61 -0.01	20.55 1.68 -0.01	25.34 2.26 -0.01	29.28 1.95 -6.62	29.41 2.24 -3.37	29.83 2.31 -3.18	28.30 2.30 -1.80	28.32 2.22 -2.44	27.42 2.24 -1.36	27.07 2.10 -2.37	25.66 1.97 -2.97	24.19 2.02 -1.17	26.64 2.00 -3.82	27.81 2.03 -4.61	28.45 2.01 -5.47	30.52 2.09 -6.40	29.60 2.13 -5.11	28.31 1.96 -5.05	24.63 1.96 -1.12	22.05 1.76 -0.02
PJM_GEN_VFT_PROXY 323633	20.98 1.71 -0.03	20.02 1.50 -0.68	19.05 1.48 -0.18	17.66 1.39 -0.25	19.15 1.50 -0.01	20.46 1.59 -0.01	25.25 2.17 -0.02	33.70 1.95 -11.04	37.70 2.26 -11.63	45.02 2.26 -18.42	35.87 2.30 -9.37	35.89 2.27 -9.95	36.17 2.31 -10.03	35.94 2.17 -11.18	33.93 2.01 -11.21	33.89 2.06 -10.83	33.96 2.04 -11.10	35.70 2.08 -12.46	35.99 2.06 -12.97	35.87 2.14 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.42 1.96 -4.91	22.03 1.74 -0.01
PLATSBURG_115KV_PMLD1 355749	-6.79 -1.40 24.62	-6.82 -1.28 23.38	-6.77 -1.30 22.86	-6.79 -1.17 21.64	-6.70 -1.36 22.98	-6.66 -1.45 24.08	-6.56 -1.78 27.85	-6.59 -1.66 25.64	-6.48 -1.98 28.31	-6.49 -1.97 28.85	-6.54 -2.01 28.73	-6.57 -1.96 28.27	-6.52 -2.10 28.26	-6.59 -1.90 27.29	-6.69 -1.70 25.71	-6.77 -1.70 26.07	-6.79 -1.62 25.98	-6.77 -1.63 26.30	-6.66 -1.70 25.93	19.20 -1.63 1.19	20.96 -1.41 0.00	20.17 -1.13 0.00	20.53 -1.01 0.00	19.26 -1.01 0.00
PLEASANTVLY__LBMP 24000	20.60 1.37 0.00	19.75 1.21 -0.69	18.77 1.20 -0.18	17.39 1.12 -0.25	18.88 1.24 0.00	20.13 1.26 0.00	24.80 1.73 0.00	29.17 1.53 -6.93	28.42 1.76 -2.85	29.44 1.78 -3.33	27.87 1.79 -1.88	27.95 1.75 -2.54	25.62 1.79 0.00	24.64 1.67 -0.38	23.06 1.57 -0.76	22.71 1.60 -0.11	23.29 1.60 -0.87	24.61 1.63 -1.82	26.79 1.61 -4.21	29.84 1.70 -6.12	29.39 1.68 -5.34	27.14 1.55 -4.29	23.13 1.53 -0.05	21.63 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.81 1.58 0.00	19.91 1.39 -0.67	18.94 1.37 -0.18	17.54 1.28 -0.24	19.04 1.39 0.00	20.32 1.45 0.00	25.08 2.01 0.00	29.12 1.76 -6.65	28.59 2.05 -2.73	29.62 2.09 -3.20	28.09 2.08 -1.80	28.18 2.08 -2.44	25.93 2.10 0.00	24.92 1.97 -0.36	23.30 1.84 -0.73	22.98 1.87 -0.10	23.53 1.87 -0.84	24.82 1.91 -1.74	26.87 1.87 -4.04	29.86 1.96 -5.88	29.44 1.95 -5.13	27.22 1.81 -4.12	23.41 1.81 -0.05	21.88 1.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.81 1.58 0.00	19.91 1.39 -0.67	18.94 1.37 -0.18	17.54 1.28 -0.24	19.04 1.39 0.00	20.32 1.45 0.00	25.08 2.01 0.00	29.12 1.76 -6.65	28.59 2.05 -2.73	29.62 2.09 -3.20	28.09 2.08 -1.80	28.18 2.08 -2.44	25.93 2.10 0.00	24.92 1.97 -0.36	23.30 1.84 -0.73	22.98 1.87 -0.10	23.53 1.87 -0.84	24.82 1.91 -1.74	26.87 1.87 -4.04	29.86 1.96 -5.88	29.44 1.95 -5.13	27.22 1.81 -4.12	23.41 1.81 -0.05	21.88 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.79 1.56 0.00	19.94 1.43 -0.67	18.97 1.41 -0.17	17.54 1.28 -0.24	19.07 1.43 0.00	20.38 1.51 0.00	25.12 2.05 0.00	29.10 1.80 -6.59	28.63 2.12 -2.71	29.66 2.17 -3.16	28.07 2.08 -1.79	28.13 2.06 -2.41	25.93 2.10 0.00	24.92 1.97 -0.36	23.25 1.80 -0.73	22.93 1.83 -0.10	23.46 1.81 -0.83	24.74 1.84 -1.73	26.79 1.82 -4.00	29.82 1.98 -5.82	29.46 2.01 -5.08	27.29 1.92 -4.08	23.47 1.87 -0.05	21.96 1.68 0.00
POLETTI____ 23519	21.00 1.73 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.68 1.43 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.70 1.95 -11.04	37.70 2.26 -11.63	45.04 2.29 -18.42	35.84 2.27 -9.37	35.89 2.27 -9.95	36.17 2.31 -10.03	35.94 2.17 -11.18	33.94 2.01 -11.21	33.87 2.04 -10.83	33.96 2.04 -11.10	35.70 2.07 -12.46	35.99 2.05 -12.97	35.87 2.14 -11.71	34.01 2.15 -9.49	30.21 1.98 -6.94	28.44 1.98 -4.91	22.04 1.76 0.00
POMONA__ESR 323819	20.68 1.44 0.00	19.77 1.29 -0.64	18.83 1.27 -0.17	17.43 1.19 -0.23	18.93 1.29 0.00	20.21 1.34 0.00	24.92 1.85 0.00	28.50 1.64 -6.16	28.24 1.91 -2.53	29.21 1.92 -2.96	27.81 1.94 -1.67	27.84 1.92 -2.26	25.78 1.95 0.00	24.74 1.81 -0.33	23.10 1.70 -0.68	22.82 1.72 -0.09	23.30 1.71 -0.77	24.52 1.74 -1.61	26.43 1.72 -3.74	29.27 1.81 -5.44	28.93 1.81 -4.75	26.79 1.68 -3.81	23.25 1.66 -0.05	21.76 1.48 0.00
PORT_JEFF_3 23555	21.54 2.29 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.17 1.91 -0.25	19.73 2.08 -0.01	20.99 2.11 -0.01	25.97 2.88 -0.02	29.86 2.53 -6.63	30.03 2.86 -3.37	30.36 2.85 -3.18	28.88 2.88 -1.80	29.02 2.91 -2.44	28.12 2.93 -1.36	27.64 2.66 -2.38	26.12 2.42 -2.98	24.72 2.54 -1.18	27.16 2.52 -3.83	28.49 2.71 -4.62	29.19 2.68 -5.54	31.29 2.80 -6.47	30.34 2.84 -5.12	28.91 2.55 -5.06	25.17 2.50 -1.13	22.59 2.29 -0.02
PORT_JEFF_4 23616	21.54 2.29 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.17 1.91 -0.25	19.73 2.08 -0.01	20.99 2.11 -0.01	25.97 2.88 -0.02	29.86 2.53 -6.63	30.03 2.86 -3.37	30.36 2.85 -3.18	28.88 2.88 -1.80	29.02 2.91 -2.44	28.12 2.93 -1.36	27.64 2.66 -2.38	26.12 2.42 -2.98	24.72 2.54 -1.18	27.16 2.52 -3.83	28.49 2.71 -4.62	29.19 2.68 -5.54	31.29 2.80 -6.47	30.34 2.84 -5.12	28.91 2.55 -5.06	25.17 2.50 -1.13	22.59 2.29 -0.02
PORT_JEFF_IC 23713	21.55 2.31 -0.01	20.59 2.07 -0.67	19.58 2.02 -0.17	18.18 1.92 -0.24	19.73 2.08 0.00	20.98 2.11 0.00	26.01 2.93 -0.01	29.88 2.55 -6.63	30.06 2.88 -3.37	30.40 2.90 -3.17	28.87 2.88 -1.79	29.02 2.91 -2.44	28.12 2.93 -1.36	27.66 2.69 -2.38	26.14 2.44 -2.98	24.74 2.56 -1.18	27.18 2.54 -3.83	28.49 2.71 -4.62	29.22 2.70 -5.55	31.32 2.82 -6.48	30.34 2.84 -5.13	28.93 2.58 -5.06	25.20 2.52 -1.13	22.61 2.31 -0.02

PPL PILGRIM_ST_GT1 24216	21.46 2.21 -0.02	20.50 1.98 -0.68	19.50 1.93 -0.18	18.09 1.83 -0.25	19.64 1.99 -0.01	20.91 2.04 -0.01	25.85 2.77 -0.02	29.78 2.44 -6.63	29.96 2.78 -3.37	30.29 2.77 -3.18	28.78 2.78 -1.80	28.85 2.74 -2.44	27.98 2.79 -1.36	27.55 2.57 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.30 2.52 -4.61	28.95 2.49 -5.49	31.06 2.62 -6.42	30.15 2.66 -5.11	28.82 2.47 -5.06	25.11 2.43 -1.13	22.55 2.25 -0.02
PPL PILGRIM_ST_GT2 24217	21.46 2.21 -0.02	20.50 1.98 -0.68	19.50 1.93 -0.18	18.09 1.83 -0.25	19.64 1.99 -0.01	20.91 2.04 -0.01	25.85 2.77 -0.02	29.78 2.44 -6.63	29.96 2.78 -3.37	30.29 2.77 -3.18	28.78 2.78 -1.80	28.85 2.74 -2.44	27.98 2.79 -1.36	27.55 2.57 -2.38	26.06 2.36 -2.98	24.64 2.46 -1.18	27.08 2.43 -3.83	28.30 2.52 -4.61	28.95 2.49 -5.49	31.06 2.62 -6.42	30.15 2.66 -5.11	28.82 2.47 -5.06	25.11 2.43 -1.13	22.55 2.25 -0.02
PPL_SHRM_GT3 24213	21.54 2.29 -0.02	20.63 2.10 -0.68	19.62 2.05 -0.18	18.27 2.00 -0.25	19.80 2.15 -0.01	20.97 2.09 -0.01	26.04 2.95 -0.02	29.92 2.59 -6.63	30.01 2.83 -3.37	30.26 2.75 -3.18	28.88 2.88 -1.80	29.09 2.98 -2.44	28.17 2.98 -1.36	27.66 2.69 -2.38	26.08 2.38 -2.98	24.72 2.54 -1.18	27.14 2.50 -3.83	28.62 2.84 -4.62	29.33 2.83 -5.54	31.42 2.93 -6.47	30.47 2.98 -5.12	28.93 2.58 -5.06	25.11 2.43 -1.13	22.59 2.29 -0.02
PPL_SHRM_GT4 24214	21.54 2.29 -0.02	20.63 2.10 -0.68	19.62 2.05 -0.18	18.27 2.00 -0.25	19.80 2.15 -0.01	20.97 2.09 -0.01	26.04 2.95 -0.02	29.92 2.59 -6.63	30.01 2.83 -3.37	30.26 2.75 -3.18	28.88 2.88 -1.80	29.09 2.98 -2.44	28.17 2.98 -1.36	27.66 2.69 -2.38	26.08 2.38 -2.98	24.72 2.54 -1.18	27.14 2.50 -3.83	28.62 2.84 -4.62	29.33 2.83 -5.54	31.42 2.93 -6.47	30.47 2.98 -5.12	28.93 2.58 -5.06	25.11 2.43 -1.13	22.59 2.29 -0.02
PROJECT___ORANGE 1 24174	19.00 -0.23 0.00	17.70 -0.21 -0.07	17.20 -0.21 -0.02	15.85 -0.19 -0.03	17.43 -0.21 0.00	18.70 -0.17 0.00	22.79 -0.28 0.00	20.88 -0.17 -0.34	23.75 -0.19 -0.14	24.33 -0.17 -0.16	24.12 -0.17 -0.09	23.65 -0.14 -0.12	23.69 -0.14 0.00	22.45 -0.16 -0.02	20.59 -0.17 -0.04	20.84 -0.17 -0.01	20.65 -0.21 -0.04	21.04 -0.21 -0.09	20.94 -0.23 -0.20	22.08 -0.24 -0.30	22.41 -0.22 -0.26	21.27 -0.23 -0.21	21.33 -0.22 0.00	20.17 -0.10 0.00
PROJECT___ORANGE 2 24166	19.00 -0.23 0.00	17.70 -0.21 -0.07	17.20 -0.21 -0.02	15.85 -0.19 -0.03	17.43 -0.21 0.00	18.70 -0.17 0.00	22.79 -0.28 0.00	20.88 -0.17 -0.34	23.75 -0.19 -0.14	24.33 -0.17 -0.16	24.12 -0.17 -0.09	23.65 -0.14 -0.12	23.69 -0.14 0.00	22.45 -0.16 -0.02	20.59 -0.17 -0.04	20.84 -0.17 -0.01	20.65 -0.21 -0.04	21.04 -0.21 -0.09	20.94 -0.23 -0.20	22.08 -0.24 -0.30	22.41 -0.22 -0.26	21.27 -0.23 -0.21	21.33 -0.22 0.00	20.17 -0.10 0.00
PUCKETT___SOLAR 323809	20.72 1.48 0.00	19.41 1.30 -0.27	18.66 1.20 -0.07	17.20 1.09 -0.09	18.98 1.34 0.00	20.51 1.64 0.00	25.40 2.33 0.00	24.22 2.26 -1.26	26.70 2.38 -0.52	27.49 2.55 -0.60	26.89 2.35 -0.34	26.40 2.27 -0.46	26.17 2.34 0.00	24.67 2.01 -0.07	22.62 1.76 -0.14	22.85 1.83 -0.02	21.25 0.29 -0.14	21.78 0.32 -0.29	22.00 0.36 -0.68	23.47 0.46 -0.99	23.66 0.42 -0.86	22.29 0.30 -0.69	21.99 0.43 -0.01	20.78 0.51 0.00
PYRITES___HYD 24023	11.28 -0.79 7.17	12.09 -0.73 5.03	11.92 -0.71 4.76	11.87 -0.67 3.47	12.42 -0.72 4.50	16.42 -0.77 1.67	14.04 -0.92 8.11	14.52 -0.89 5.29	17.23 -1.10 5.49	17.09 -1.09 6.15	21.79 -1.04 1.37	23.00 -1.02 -0.36	26.25 -1.07 -3.49	24.98 -0.99 -3.38	22.97 -0.93 -3.19	19.03 -1.05 0.93	18.97 -1.08 0.76	19.31 -1.08 0.77	18.30 -1.01 1.66	20.02 -1.01 0.99	21.34 -1.03 0.00	20.40 -0.89 0.00	20.66 -0.88 0.00	19.36 -0.91 0.00
QUAKERRD_115KV_BK1 80622	18.25 -0.98 0.00	17.17 -0.77 -0.10	16.62 -0.80 -0.02	15.35 -0.70 -0.03	16.74 -0.90 0.00	18.02 -0.85 0.00	21.71 -1.36 0.00	20.29 -0.87 -0.45	23.09 -0.90 -0.19	23.58 -0.97 -0.22	23.38 -0.94 -0.12	22.88 -0.95 -0.16	22.76 -1.07 0.00	21.69 -0.93 -0.02	19.98 -0.79 -0.05	20.11 -0.90 -0.01	20.06 -0.81 -0.06	20.44 -0.85 -0.12	20.38 -0.86 -0.27	21.47 -0.95 -0.40	21.73 -0.98 -0.35	20.60 -0.98 -0.28	20.41 -1.14 0.00	19.42 -0.85 0.00
QUENSBRY_115KV_TB8 356137	19.95 0.71 0.00	19.43 0.75 -0.84	18.29 0.68 -0.22	16.90 0.58 -0.30	18.35 0.71 0.00	19.60 0.74 0.00	24.15 1.08 0.00	29.92 0.95 -8.26	28.37 1.17 -3.39	29.57 1.27 -3.97	27.67 1.23 -2.24	27.87 1.18 -3.02	24.93 1.10 0.00	24.01 0.97 -0.45	22.42 0.79 -0.91	22.01 0.88 -0.13	22.67 0.81 -1.04	24.20 0.87 -2.16	26.91 0.92 -5.02	30.29 0.97 -7.30	29.81 1.07 -6.37	27.43 1.02 -5.11	22.56 0.95 -0.06	21.01 0.73 0.00
RAMAPO___LBMP 323565	20.60 1.37 0.00	19.69 1.21 -0.63	18.76 1.20 -0.16	17.37 1.12 -0.23	18.86 1.22 0.00	20.13 1.26 0.00	24.82 1.75 0.00	28.35 1.53 -6.11	28.10 1.79 -2.51	29.07 1.80 -2.94	27.67 1.82 -1.66	27.70 1.80 -2.24	25.66 1.83 0.00	24.64 1.72 -0.33	22.99 1.60 -0.67	22.72 1.62 -0.09	23.21 1.62 -0.77	24.40 1.63 -1.60	26.29 1.61 -3.72	29.12 1.70 -5.40	28.78 1.70 -4.71	26.68 1.60 -3.78	23.17 1.57 -0.05	21.67 1.40 0.00
RANKINE____ 23646	18.50 -0.73 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.33 -0.74 -0.05	17.08 -0.56 0.00	18.38 -0.49 0.00	21.87 -1.20 0.00	20.26 -1.06 -0.60	22.89 -1.17 -0.25	23.36 -1.27 -0.29	23.13 -1.23 -0.16	22.63 -1.25 -0.22	22.97 -0.86 0.00	21.57 -1.06 -0.03	19.77 -1.02 -0.07	20.38 -0.63 -0.01	19.85 -1.04 -0.08	20.23 -1.10 -0.16	20.20 -1.13 -0.37	21.37 -1.19 -0.54	21.52 -1.32 -0.47	20.22 -1.45 -0.37	20.43 -1.12 0.00	19.65 -0.63 0.00
RAVENSWOOD_GT2_1 24244	21.00 1.73 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.92 2.27 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.04 1.76 0.00
RAVENSWOOD_GT2_2 24245	21.00 1.73 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.92 2.27 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.04 1.76 0.00
RAVENSWOOD_GT2_3 24246	21.02 1.75 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.95 2.30 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.06 1.78 0.00

RAVENSWOOD_GT2_4 24247	21.02 1.75 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.95 2.30 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.06 1.78 0.00
RAVENSWOOD_GT3_1 24248	21.02 1.75 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.92 2.27 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.06 1.78 0.00
RAVENSWOOD_GT3_2 24249	21.02 1.75 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.92 2.27 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.06 1.78 0.00
RAVENSWOOD_GT3_3 24250	21.04 1.77 -0.03	20.07 1.55 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.49 1.62 0.00	25.30 2.21 -0.02	33.76 1.97 -11.09	37.83 2.31 -11.72	45.25 2.34 -18.58	35.97 2.32 -9.45	35.99 2.30 -10.03	36.29 2.34 -10.13	36.07 2.19 -11.29	34.08 2.05 -11.31	34.02 2.08 -10.93	34.11 2.08 -11.21	35.83 2.10 -12.57	36.10 2.08 -13.06	35.98 2.18 -11.77	34.08 2.17 -9.54	30.29 2.02 -6.96	28.54 2.03 -4.96	22.08 1.80 0.00
RAVENSWOOD_GT3_4 24251	21.04 1.77 -0.03	20.07 1.55 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.49 1.62 0.00	25.30 2.21 -0.02	33.76 1.97 -11.09	37.83 2.31 -11.72	45.25 2.34 -18.58	35.97 2.32 -9.45	35.99 2.30 -10.03	36.29 2.34 -10.13	36.07 2.19 -11.29	34.08 2.05 -11.31	34.02 2.08 -10.93	34.11 2.08 -11.21	35.83 2.10 -12.57	36.10 2.08 -13.06	35.98 2.18 -11.77	34.08 2.17 -9.54	30.29 2.02 -6.96	28.54 2.03 -4.96	22.08 1.80 0.00
RAVENSWOOD_GT_1 23729	21.04 1.77 -0.03	20.12 1.61 -0.67	19.13 1.57 -0.17	17.70 1.44 -0.24	19.23 1.59 0.00	20.51 1.64 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.71 2.19 -11.72	45.12 2.21 -18.58	35.87 2.23 -9.45	35.89 2.20 -10.03	36.19 2.24 -10.13	36.00 2.12 -11.29	34.02 1.99 -11.31	33.96 2.02 -10.93	34.04 2.02 -11.21	35.77 2.03 -12.57	36.04 2.01 -13.06	35.89 2.09 -11.77	34.01 2.10 -9.54	30.26 2.00 -6.96	28.51 2.00 -4.96	22.08 1.80 0.00
RAVENSWOOD_GT_10 24258	21.02 1.75 -0.03	20.05 1.53 -0.67	19.08 1.51 -0.17	17.67 1.41 -0.24	19.18 1.53 0.00	20.47 1.60 0.00	25.28 2.19 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.95 2.30 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.06 2.04 -11.21	35.81 2.07 -12.57	36.08 2.05 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.26 2.00 -6.96	28.49 1.98 -4.96	22.06 1.78 0.00

RAVENSWOOD___2 23534	21.02 1.75 -0.03	20.11 1.59 -0.68	19.12 1.55 -0.18	17.69 1.43 -0.25	19.22 1.57 -0.01	20.50 1.62 -0.01	25.25 2.17 -0.02	33.70 1.90 -11.09	37.69 2.17 -11.72	45.07 2.16 -18.58	35.85 2.20 -9.45	35.87 2.18 -10.03	36.17 2.22 -10.13	35.96 2.08 -11.29	33.98 1.95 -11.31	33.94 2.00 -10.93	34.02 2.00 -11.21	35.75 2.01 -12.57	36.02 1.99 -13.06	35.87 2.07 -11.77	33.99 2.08 -9.54	30.24 1.98 -6.96	28.47 1.96 -4.96	22.07 1.78 -0.01
RAVENSWOOD___3 23535	21.02 1.75 -0.03	20.06 1.53 -0.68	19.08 1.51 -0.18	17.68 1.41 -0.25	19.19 1.53 -0.01	20.48 1.60 -0.01	25.25 2.17 -0.02	33.74 1.95 -11.09	37.79 2.26 -11.72	45.20 2.29 -18.58	35.95 2.30 -9.45	35.97 2.27 -10.03	36.27 2.31 -10.13	36.05 2.17 -11.29	34.04 2.01 -11.31	34.00 2.06 -10.93	34.07 2.04 -11.21	35.81 2.08 -12.57	36.08 2.06 -13.06	35.93 2.14 -11.77	34.06 2.15 -9.54	30.24 1.98 -6.96	28.49 1.98 -4.96	22.07 1.78 -0.01
RAVENSWOOD___4 23820	21.02 1.75 -0.03	20.09 1.57 -0.68	19.10 1.53 -0.18	17.68 1.41 -0.25	19.22 1.57 -0.01	20.48 1.60 -0.01	25.25 2.17 -0.02	33.70 1.90 -11.09	37.67 2.14 -11.72	45.07 2.16 -18.58	35.85 2.20 -9.45	35.87 2.18 -10.03	36.17 2.22 -10.13	35.96 2.08 -11.29	33.98 1.95 -11.31	33.94 2.00 -10.93	34.00 1.98 -11.21	35.72 1.99 -12.57	35.99 1.97 -13.06	35.87 2.07 -11.77	33.99 2.08 -9.54	30.22 1.96 -6.96	28.47 1.96 -4.96	22.07 1.78 -0.01
RCPI_TRUST___DRP 24196	21.06 1.79 -0.03	20.09 1.57 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.69 1.99 -10.99	37.67 2.33 -11.53	44.96 2.36 -18.26	35.84 2.35 -9.29	35.88 2.34 -9.88	36.13 2.38 -9.92	35.89 2.24 -11.06	33.89 2.07 -11.10	33.82 2.10 -10.71	33.91 2.10 -11.00	35.65 2.14 -12.34	35.94 2.10 -12.87	35.88 2.20 -11.65	34.01 2.19 -9.45	30.25 2.04 -6.91	28.44 2.03 -4.86	22.08 1.80 0.00
RED___ROCHESTER 323720	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.03 -0.38 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.17 -0.90 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.16 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.28 -0.34 -0.03	20.50 -0.27 -0.05	20.64 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.25 -0.47 -0.35	21.09 -0.49 -0.28	20.88 -0.67 0.00	19.91 -0.36 0.00
REGAN___SOLAR 323812	21.04 1.81 0.00	20.56 1.78 -0.93	19.29 1.65 -0.24	17.79 1.44 -0.33	19.37 1.73 0.00	20.79 1.93 0.00	25.68 2.61 0.00	31.63 2.15 -8.77	29.91 2.50 -3.60	31.05 2.51 -4.21	29.00 2.42 -2.38	29.36 2.48 -3.21	26.23 2.41 0.00	25.22 2.15 -0.47	23.40 1.72 -0.97	23.11 1.97 -0.13	23.83 1.91 -1.10	25.56 2.10 -2.30	28.41 2.12 -5.33	31.99 2.22 -7.74	31.54 2.42 -6.76	29.09 2.36 -5.42	23.88 2.26 -0.07	22.22 1.95 0.00
RENSSELAER___COGEN 23796	20.06 0.83 0.00	19.43 0.77 -0.81	18.37 0.76 -0.21	17.00 0.69 -0.29	18.42 0.78 0.00	19.66 0.79 0.00	23.81 0.74 0.00	29.39 0.58 -8.10	27.85 0.71 -3.33	29.00 0.78 -3.89	27.10 0.70 -2.20	27.32 0.69 -2.97	24.57 0.74 0.00	23.76 0.72 -0.44	22.27 0.66 -0.89	21.84 0.71 -0.12	22.50 0.67 -1.02	23.95 0.66 -2.12	26.52 0.63 -4.93	29.84 0.66 -7.16	29.29 0.67 -6.25	26.93 0.62 -5.01	22.28 0.67 -0.06	20.82 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.41 1.17 0.00	19.92 1.23 -0.84	18.74 1.13 -0.22	17.25 0.93 -0.30	18.81 1.16 0.00	20.11 1.25 0.00	24.85 1.78 0.00	30.52 1.55 -8.26	29.15 1.95 -3.39	30.44 2.14 -3.97	28.47 2.03 -2.24	28.68 1.99 -3.02	25.66 1.83 0.00	24.60 1.56 -0.45	22.89 1.26 -0.91	22.56 1.43 -0.13	23.12 1.27 -1.04	24.71 1.38 -2.16	27.43 1.45 -5.02	30.84 1.52 -7.29	30.48 1.74 -6.36	28.09 1.68 -5.11	23.16 1.55 -0.06	21.51 1.24 0.00
REVERE_CPPR_DRP 24186	19.42 0.50 0.32	18.07 0.45 0.22	17.61 0.45 0.23	16.22 0.38 0.18	17.89 0.48 0.23	19.23 0.51 0.15	23.40 0.72 0.39	21.28 0.75 0.17	24.34 0.79 0.25	24.91 0.85 0.27	24.89 0.82 0.13	24.43 0.83 0.06	24.71 0.88 0.00	23.41 0.81 -0.01	21.44 0.70 -0.01	21.56 0.69 0.14	21.39 0.69 0.11	21.68 0.61 0.10	21.53 0.65 0.09	22.86 0.77 -0.06	23.17 0.72 -0.09	21.96 0.60 -0.07	22.17 0.62 0.00	20.84 0.57 0.00
REYNOLDS_115KV_TB3 80639	20.10 0.87 0.00	19.48 0.82 -0.82	18.40 0.80 -0.21	17.03 0.72 -0.29	18.45 0.81 0.00	19.70 0.83 0.00	23.99 0.92 0.00	29.60 0.79 -8.11	28.07 0.93 -3.33	29.20 0.97 -3.90	27.32 0.92 -2.20	27.53 0.90 -2.97	24.76 0.93 0.00	23.94 0.90 -0.44	22.42 0.81 -0.89	21.99 0.86 -0.12	22.67 0.83 -1.02	24.14 0.85 -2.13	26.71 0.82 -4.93	30.05 0.86 -7.16	29.49 0.87 -6.25	27.12 0.81 -5.02	22.43 0.82 -0.06	20.97 0.69 0.00
RIVERBAY____ 323610	20.98 1.73 -0.01	20.21 1.70 -0.67	19.20 1.63 -0.17	17.68 1.43 -0.24	19.35 1.71 0.00	20.55 1.68 0.00	25.23 2.15 -0.02	29.35 1.88 -6.75	28.95 2.12 -3.02	30.15 2.12 -3.70	28.36 2.11 -2.05	28.52 2.18 -2.68	26.27 2.10 -0.35	25.29 1.97 -0.73	23.65 1.84 -1.09	23.37 1.89 -0.47	23.87 1.87 -1.18	25.17 1.91 -2.10	27.20 1.91 -4.32	30.04 1.98 -6.03	29.62 2.01 -5.24	27.39 1.92 -4.18	23.68 1.92 -0.21	22.04 1.76 0.00
RIVERSDE_115KV_TB3 55908	20.10 0.87 0.00	19.46 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.29	18.44 0.79 0.00	19.70 0.83 0.00	23.85 0.78 0.00	29.44 0.62 -8.11	27.90 0.76 -3.33	29.06 0.83 -3.90	27.17 0.77 -2.20	27.37 0.73 -2.97	24.62 0.79 0.00	23.82 0.79 -0.44	22.32 0.70 -0.89	21.89 0.76 -0.12	22.54 0.71 -1.02	23.99 0.70 -2.13	26.57 0.67 -4.93	29.89 0.70 -7.16	29.34 0.72 -6.25	26.95 0.64 -5.02	22.30 0.69 -0.06	20.84 0.57 0.00
ROARING___BROOK_WT_PWR 323790	0.00 -0.69 18.54	2.83 -0.64 14.37	3.00 -0.63 13.77	4.27 -0.58 11.17	3.66 -0.65 13.33	9.72 -0.70 8.45	1.30 -0.83 20.94	4.62 -0.74 15.35	6.65 -0.86 16.29	5.88 -0.85 17.60	14.45 -0.82 8.93	17.18 -0.78 5.70	23.08 -0.74 0.01	21.89 -0.70 0.00	20.06 -0.66 0.00	12.80 -0.67 7.53	12.94 -0.65 7.23	13.18 -0.66 7.33	11.46 -0.65 8.85	19.26 -0.71 2.06	21.65 -0.72 0.00	20.64 -0.66 0.00	20.86 -0.69 0.00	19.61 -0.67 0.00
ROCHESRG_115KV_T4 355643	18.54 -0.69 0.00	17.48 -0.46 -0.10	16.91 -0.50 -0.03	15.62 -0.43 -0.03	17.03 -0.62 0.00	18.32 -0.55 0.00	22.01 -1.06 0.00	20.61 -0.56 -0.46	23.42 -0.57 -0.19	23.92 -0.63 -0.22	23.72 -0.61 -0.12	23.19 -0.64 -0.17	23.07 -0.76 0.00	22.01 -0.61 -0.02	20.27 -0.50 -0.05	20.42 -0.59 -0.01	20.37 -0.50 -0.06	20.74 -0.55 -0.12	20.70 -0.55 -0.28	21.79 -0.64 -0.41	22.06 -0.67 -0.36	20.88 -0.70 -0.29	20.67 -0.88 0.00	19.73 -0.55 0.00
ROCHESTER_9_IC 23652	18.62 -0.62 0.00	17.53 -0.41 -0.10	16.96 -0.45 -0.03	15.69 -0.37 -0.04	17.10 -0.55 0.00	18.40 -0.47 0.00	22.08 -0.99 0.00	20.70 -0.48 -0.46	23.57 -0.43 -0.19	24.07 -0.49 -0.22	23.87 -0.46 -0.13	23.34 -0.50 -0.17	23.21 -0.62 0.00	22.12 -0.50 -0.03	20.40 -0.37 -0.05	20.53 -0.48 -0.01	20.48 -0.40 -0.06	20.87 -0.42 -0.12	20.83 -0.42 -0.28	21.90 -0.53 -0.41	22.17 -0.56 -0.36	20.99 -0.60 -0.29	20.78 -0.78 0.00	19.83 -0.45 0.00

ROCKVIEW_13_KV_LD 356306	20.93 1.69 0.00	20.00 1.48 -0.67	19.03 1.46 -0.17	17.64 1.38 -0.24	19.13 1.48 0.00	20.42 1.55 0.00	25.21 2.15 0.00	29.22 1.91 -6.60	28.73 2.21 -2.71	29.77 2.26 -3.17	28.24 2.25 -1.79	28.33 2.25 -2.42	26.12 2.29 0.00	25.10 2.15 -0.36	23.44 1.99 -0.73	23.14 2.04 -0.10	23.67 2.02 -0.83	24.95 2.05 -1.73	26.99 2.01 -4.02	29.97 2.11 -5.84	29.59 2.13 -5.09	27.34 1.96 -4.09	23.54 1.94 -0.05	22.00 1.72 0.00
ROME____115KV_TB2 80656	19.42 0.50 0.32	18.07 0.45 0.22	17.61 0.45 0.23	16.22 0.38 0.18	17.89 0.48 0.23	19.23 0.51 0.15	23.40 0.72 0.39	21.28 0.75 0.17	24.34 0.79 0.25	24.91 0.85 0.27	24.89 0.82 0.13	24.43 0.83 0.06	24.71 0.88 0.00	23.41 0.81 -0.01	21.44 0.70 -0.01	21.56 0.69 0.14	21.39 0.69 0.11	21.68 0.61 0.10	21.53 0.65 0.09	22.86 0.77 -0.06	23.17 0.72 -0.09	21.96 0.60 -0.07	22.17 0.62 0.00	20.84 0.57 0.00
ROSETON___1 23587	20.56 1.33 0.00	19.69 1.18 -0.66	18.73 1.17 -0.17	17.35 1.09 -0.24	18.83 1.18 0.00	20.09 1.23 0.00	24.73 1.66 0.00	28.74 1.49 -6.54	28.21 1.71 -2.69	29.20 1.73 -3.14	27.72 1.74 -1.77	27.76 1.70 -2.40	25.57 1.74 0.00	24.58 1.63 -0.35	22.97 1.53 -0.72	22.66 1.55 -0.10	23.20 1.56 -0.82	24.47 1.59 -1.71	26.49 1.55 -3.98	29.43 1.63 -5.78	29.05 1.63 -5.04	26.86 1.51 -4.05	23.08 1.49 -0.05	21.61 1.34 0.00
ROSETON___2 23588	20.56 1.33 0.00	19.69 1.18 -0.66	18.73 1.17 -0.17	17.35 1.09 -0.24	18.83 1.18 0.00	20.09 1.23 0.00	24.73 1.66 0.00	28.74 1.49 -6.54	28.21 1.71 -2.69	29.20 1.73 -3.14	27.72 1.74 -1.77	27.76 1.70 -2.40	25.57 1.74 0.00	24.58 1.63 -0.35	22.97 1.53 -0.72	22.66 1.55 -0.10	23.20 1.56 -0.82	24.47 1.59 -1.71	26.49 1.55 -3.98	29.43 1.63 -5.78	29.05 1.63 -5.04	26.86 1.51 -4.05	23.08 1.49 -0.05	21.61 1.34 0.00
ROTTDRAM_115KV_TB3 80664	19.93 0.69 0.00	19.35 0.66 -0.85	18.25 0.64 -0.22	16.90 0.58 -0.30	18.30 0.65 0.00	19.55 0.68 0.00	23.99 0.92 0.00	29.85 0.83 -8.32	28.18 0.95 -3.42	29.30 0.97 -4.00	27.42 0.97 -2.25	27.66 0.95 -3.05	24.76 0.93 0.00	23.93 0.88 -0.45	22.42 0.79 -0.92	21.95 0.82 -0.13	22.67 0.81 -1.05	24.19 0.85 -2.18	26.86 0.84 -5.06	30.25 0.88 -7.35	29.70 0.92 -6.41	27.30 0.85 -5.15	22.45 0.84 -0.06	21.01 0.73 0.00
RUSSELL___1 23602	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.02 -0.40 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.15 -0.92 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.17 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.24 -0.38 -0.03	20.48 -0.29 -0.05	20.63 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.26 -0.47 -0.36	21.10 -0.49 -0.29	20.86 -0.69 0.00	19.91 -0.36 0.00
RUSSELL___2 23532	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.02 -0.40 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.15 -0.92 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.17 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.24 -0.38 -0.03	20.48 -0.29 -0.05	20.63 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.26 -0.47 -0.36	21.10 -0.49 -0.29	20.86 -0.69 0.00	19.91 -0.36 0.00
RUSSELL___3 23549	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.02 -0.40 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.15 -0.92 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.17 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.24 -0.38 -0.03	20.48 -0.29 -0.05	20.63 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.26 -0.47 -0.36	21.10 -0.49 -0.29	20.86 -0.69 0.00	19.91 -0.36 0.00
RUSSELL___4 23556	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.02 -0.40 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.15 -0.92 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.17 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.24 -0.38 -0.03	20.48 -0.29 -0.05	20.63 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.26 -0.47 -0.36	21.10 -0.49 -0.29	20.86 -0.69 0.00	19.91 -0.36 0.00
RUSSELL___STATION 23914	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.02 -0.40 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.15 -0.92 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.17 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.24 -0.38 -0.03	20.48 -0.29 -0.05	20.63 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.26 -0.47 -0.36	21.10 -0.49 -0.29	20.86 -0.69 0.00	19.91 -0.36 0.00
S SALMON___HYD 24043	18.06 -0.37 0.81	16.93 -0.34 0.57	16.49 -0.31 0.59	15.26 -0.29 0.47	16.74 -0.32 0.58	18.16 -0.34 0.37	21.81 -0.21 1.05	20.12 -0.10 0.49	22.94 -0.17 0.70	23.49 -0.10 0.75	23.73 -0.10 0.37	23.41 -0.07 0.18	23.73 -0.09 0.00	22.50 -0.11 -0.02	20.61 -0.14 -0.03	20.42 -0.21 0.37	20.05 -0.48 0.28	20.47 -0.45 0.25	20.34 -0.40 0.22	21.79 -0.37 -0.15	22.22 -0.36 -0.21	21.14 -0.32 -0.17	21.25 -0.30 0.00	20.03 -0.24 0.00
S.PERRY___115KV_TB1 80734	18.95 -0.29 0.00	17.76 -0.21 -0.13	17.23 -0.19 -0.03	15.86 -0.21 -0.05	17.43 -0.21 0.00	18.81 -0.06 0.00	22.61 -0.46 0.00	21.23 -0.10 -0.62	23.99 -0.07 -0.26	24.44 -0.19 -0.30	24.13 -0.24 -0.17	23.58 -0.31 -0.23	23.47 -0.36 0.00	22.24 -0.38 -0.03	20.44 -0.35 -0.07	20.80 -0.21 -0.01	20.69 -0.21 -0.08	21.18 -0.15 -0.16	21.22 -0.13 -0.38	22.44 -0.13 -0.55	22.72 -0.13 -0.48	21.45 -0.23 -0.39	21.27 -0.28 0.00	20.28 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.33 -0.90 0.00	17.11 -0.86 -0.12	16.64 -0.78 -0.03	15.31 -0.75 -0.04	16.90 -0.74 0.00	18.19 -0.68 0.00	21.62 -1.45 0.00	20.19 -1.10 -0.58	22.81 -1.24 -0.24	23.27 -1.34 -0.28	23.05 -1.31 -0.16	22.55 -1.33 -0.21	22.69 -1.14 0.00	21.43 -1.20 -0.03	19.71 -1.08 -0.06	20.15 -0.86 -0.01	19.81 -1.08 -0.07	20.16 -1.16 -0.15	20.17 -1.15 -0.35	21.30 -1.23 -0.52	21.46 -1.36 -0.45	20.17 -1.49 -0.36	20.19 -1.36 0.00	19.44 -0.83 0.00
SAWYER___23_KV_LOAD 55526	18.33 -0.90 0.00	17.11 -0.86 -0.12	16.64 -0.78 -0.03	15.31 -0.75 -0.04	16.90 -0.74 0.00	18.19 -0.68 0.00	21.62 -1.45 0.00	20.19 -1.10 -0.58	22.81 -1.24 -0.24	23.27 -1.34 -0.28	23.05 -1.31 -0.16	22.55 -1.33 -0.21	22.69 -1.14 0.00	21.43 -1.20 -0.03	19.71 -1.08 -0.06	20.15 -0.86 -0.01	19.81 -1.08 -0.07	20.16 -1.16 -0.15	20.17 -1.15 -0.35	21.30 -1.23 -0.52	21.46 -1.36 -0.45	20.17 -1.49 -0.36	20.19 -1.36 0.00	19.44 -0.83 0.00
SELKIRK___I 23801	20.04 0.81 0.00	19.41 0.77 -0.80	18.35 0.75 -0.21	16.98 0.67 -0.29	18.40 0.76 0.00	19.66 0.79 0.00	23.90 0.83 0.00	29.42 0.72 -7.99	27.92 0.83 -3.28	29.05 0.87 -3.84	27.16 0.80 -2.17	27.35 0.76 -2.93	24.59 0.76 0.00	23.75 0.72 -0.43	22.24 0.64 -0.88	21.82 0.69 -0.12	22.51 0.69 -1.00	23.96 0.70 -2.09	26.53 0.71 -4.86	29.83 0.75 -7.06	29.31 0.78 -6.16	26.97 0.72 -4.94	22.38 0.77 -0.06	20.94 0.67 0.00

SELKIRK___II 23799	20.02 0.79 0.00	19.37 0.71 -0.81	18.31 0.71 -0.21	16.95 0.64 -0.29	18.37 0.72 0.00	19.62 0.76 0.00	23.88 0.81 0.00	29.48 0.68 -8.09	27.94 0.81 -3.32	29.07 0.85 -3.89	27.19 0.80 -2.19	27.41 0.78 -2.96	24.64 0.81 0.00	23.82 0.79 -0.44	22.31 0.70 -0.89	21.88 0.76 -0.12	22.56 0.73 -1.02	24.01 0.72 -2.12	26.59 0.71 -4.92	29.92 0.75 -7.14	29.37 0.76 -6.23	27.00 0.70 -5.00	22.34 0.73 -0.06	20.90 0.63 0.00
SENECA OSWGO___HYD 24041	18.81 -0.42 0.00	17.54 -0.38 -0.07	17.04 -0.37 -0.02	15.69 -0.35 -0.02	17.26 -0.39 0.00	18.51 -0.36 0.00	22.50 -0.14 0.43	20.72 0.00 -0.01	23.63 0.02 0.20	24.17 0.05 0.21	24.18 0.07 0.10	23.74 0.07 0.00	23.90 0.07 0.00	22.63 0.02 -0.02	20.75 0.00 -0.04	20.81 -0.04 0.15	20.42 -0.44 -0.04	20.80 -0.45 -0.08	20.71 -0.44 -0.18	21.83 -0.46 -0.27	22.16 -0.45 -0.23	21.06 -0.43 -0.19	21.14 -0.41 0.00	19.97 -0.30 0.00
SENECA___115KV_TB3 355854	18.52 -0.71 0.00	17.15 -0.82 -0.13	16.73 -0.70 -0.03	15.36 -0.70 -0.05	17.11 -0.53 0.00	18.42 -0.45 0.00	21.89 -1.18 0.00	20.30 -1.01 -0.60	22.94 -1.12 -0.25	23.41 -1.22 -0.29	23.18 -1.19 -0.16	22.68 -1.21 -0.22	23.02 -0.81 0.00	21.61 -1.02 -0.03	19.81 -0.97 -0.07	20.43 -0.59 -0.01	19.89 -1.00 -0.08	20.25 -1.08 -0.16	20.24 -1.09 -0.37	21.41 -1.15 -0.54	21.56 -1.28 -0.47	20.27 -1.41 -0.37	20.47 -1.08 0.00	19.67 -0.61 0.00
SENECA___ENERGY 23797	18.93 -0.31 0.00	17.66 -0.29 -0.10	17.16 -0.26 -0.03	15.80 -0.26 -0.04	17.40 -0.25 0.00	18.70 -0.17 0.00	22.75 -0.32 0.00	21.02 -0.17 -0.48	23.84 -0.17 -0.20	24.37 -0.20 -0.23	24.11 -0.22 -0.13	23.63 -0.21 -0.18	23.64 -0.19 0.00	22.37 -0.25 -0.03	20.52 -0.25 -0.05	20.80 -0.21 -0.01	20.58 -0.29 -0.06	21.00 -0.30 -0.12	20.94 -0.31 -0.29	22.13 -0.31 -0.42	22.42 -0.31 -0.36	21.23 -0.36 -0.29	21.21 -0.35 0.00	20.09 -0.18 0.00
SHOEMAKER___GT 23640	20.35 1.12 0.00	19.45 1.00 -0.60	18.52 0.97 -0.16	17.15 0.91 -0.22	18.65 1.01 0.00	19.92 1.06 0.00	24.50 1.43 0.00	27.64 1.22 -5.71	27.58 1.43 -2.35	28.51 1.44 -2.75	27.18 1.43 -1.55	27.18 1.42 -2.09	25.26 1.43 0.00	24.24 1.33 -0.31	22.59 1.24 -0.63	22.37 1.28 -0.09	22.80 1.27 -0.72	23.96 1.29 -1.50	25.72 1.28 -3.47	28.44 1.37 -5.05	28.14 1.36 -4.40	26.11 1.28 -3.53	22.86 1.27 -0.04	21.41 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	20.35 1.12 0.00	19.45 1.00 -0.60	18.54 0.99 -0.16	17.15 0.91 -0.21	18.65 1.01 0.00	19.92 1.06 0.00	24.50 1.43 0.00	27.61 1.24 -5.66	27.58 1.45 -2.33	28.51 1.46 -2.72	27.19 1.45 -1.53	27.16 1.42 -2.07	25.28 1.45 0.00	24.26 1.36 -0.31	22.61 1.26 -0.62	22.37 1.28 -0.09	22.82 1.29 -0.71	23.96 1.31 -1.48	25.71 1.30 -3.44	28.39 1.37 -5.00	28.10 1.36 -4.36	26.10 1.30 -3.50	22.86 1.27 -0.04	21.41 1.14 0.00
SHOREHAM_IC_1 23715	21.54 2.29 -0.02	20.63 2.10 -0.68	19.62 2.05 -0.18	18.27 2.00 -0.25	19.80 2.15 -0.01	20.97 2.09 -0.01	26.04 2.95 -0.02	29.92 2.59 -6.63	30.01 2.83 -3.37	30.26 2.75 -3.18	28.88 2.88 -1.80	29.09 2.98 -2.44	28.17 2.98 -1.36	27.66 2.69 -2.38	26.08 2.38 -2.98	24.72 2.54 -1.18	27.14 2.50 -3.83	28.62 2.84 -4.62	29.33 2.83 -5.54	31.42 2.93 -6.47	30.47 2.98 -5.12	28.93 2.58 -5.06	25.11 2.43 -1.13	22.59 2.29 -0.02
SHOREHAM_IC_2 23716	21.54 2.29 -0.02	20.63 2.10 -0.68	19.62 2.05 -0.18	18.27 2.00 -0.25	19.80 2.15 -0.01	20.97 2.09 -0.01	26.04 2.95 -0.02	29.92 2.59 -6.63	30.01 2.83 -3.37	30.26 2.75 -3.18	28.88 2.88 -1.80	29.09 2.98 -2.44	28.17 2.98 -1.36	27.66 2.69 -2.38	26.08 2.38 -2.98	24.72 2.54 -1.18	27.14 2.50 -3.83	28.62 2.84 -4.62	29.33 2.83 -5.54	31.42 2.93 -6.47	30.47 2.98 -5.12	28.93 2.58 -5.06	25.11 2.43 -1.13	22.59 2.29 -0.02
SISSONVILLE____ 23735	11.46 -1.06 6.72	12.25 -0.98 4.61	12.10 -0.94 4.35	12.05 -0.87 3.10	12.59 -0.95 4.10	16.56 -1.04 1.28	14.20 -1.27 7.60	14.63 -1.24 4.84	17.32 -1.50 4.99	17.19 -1.51 5.64	21.87 -1.43 0.90	23.12 -1.35 -0.80	26.32 -1.43 -3.92	25.08 -1.31 -3.79	23.07 -1.22 -3.57	19.14 -1.37 0.50	19.06 -1.42 0.34	19.40 -1.42 0.35	18.35 -1.38 1.23	19.65 -1.41 0.96	20.96 -1.41 0.00	20.08 -1.21 0.00	20.36 -1.19 0.00	19.10 -1.18 0.00
SITHE_IND_GS1 24169	18.70 -0.54 0.00	17.42 -0.48 -0.06	16.94 -0.47 -0.01	15.61 -0.43 -0.02	17.15 -0.49 0.00	18.38 -0.49 0.00	22.35 -0.72 0.00	20.37 -0.60 -0.26	23.20 -0.71 -0.11	23.73 -0.73 -0.12	23.55 -0.73 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.07	20.49 -0.63 -0.16	21.57 -0.68 -0.23	21.87 -0.69 -0.20	20.84 -0.62 -0.16	20.97 -0.58 0.00	19.81 -0.47 0.00
SITHE_IND_GS2 24170	18.70 -0.54 0.00	17.42 -0.48 -0.06	16.94 -0.47 -0.01	15.61 -0.43 -0.02	17.15 -0.49 0.00	18.38 -0.49 0.00	22.35 -0.72 0.00	20.37 -0.60 -0.26	23.20 -0.71 -0.11	23.73 -0.73 -0.12	23.55 -0.73 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.07	20.49 -0.63 -0.16	21.57 -0.68 -0.23	21.87 -0.69 -0.20	20.84 -0.62 -0.16	20.97 -0.58 0.00	19.81 -0.47 0.00
SITHE_IND_GS3 24171	18.70 -0.54 0.00	17.42 -0.48 -0.06	16.94 -0.47 -0.01	15.61 -0.43 -0.02	17.15 -0.49 0.00	18.38 -0.49 0.00	22.35 -0.72 0.00	20.37 -0.60 -0.26	23.20 -0.71 -0.11	23.73 -0.73 -0.12	23.55 -0.73 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.07	20.49 -0.63 -0.16	21.57 -0.68 -0.23	21.87 -0.69 -0.20	20.84 -0.62 -0.16	20.97 -0.58 0.00	19.81 -0.47 0.00
SITHE_IND_GS4 24172	18.70 -0.54 0.00	17.42 -0.48 -0.06	16.94 -0.47 -0.01	15.61 -0.43 -0.02	17.15 -0.49 0.00	18.38 -0.49 0.00	22.35 -0.72 0.00	20.37 -0.60 -0.26	23.20 -0.71 -0.11	23.73 -0.73 -0.12	23.55 -0.73 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.63 -0.07	20.49 -0.63 -0.16	21.57 -0.68 -0.23	21.87 -0.69 -0.20	20.84 -0.62 -0.16	20.97 -0.58 0.00	19.81 -0.47 0.00
SITHE___BATAVIA 24024	18.62 -0.62 0.00	17.46 -0.50 -0.11	16.91 -0.50 -0.03	15.61 -0.45 -0.04	17.11 -0.53 0.00	18.47 -0.40 0.00	22.01 -1.06 0.00	20.63 -0.60 -0.52	23.45 -0.57 -0.22	23.93 -0.66 -0.25	23.69 -0.65 -0.14	23.15 -0.71 -0.19	23.14 -0.69 0.00	21.99 -0.63 -0.03	20.24 -0.54 -0.06	20.55 -0.46 -0.01	20.34 -0.54 -0.07	20.73 -0.57 -0.14	20.72 -0.57 -0.32	21.82 -0.66 -0.46	22.01 -0.76 -0.40	20.79 -0.83 -0.32	20.69 -0.86 0.00	19.83 -0.45 0.00
SITHE___INDEPEND 23800	18.70 -0.54 0.00	17.42 -0.48 -0.06	16.94 -0.47 -0.01	15.61 -0.43 -0.02	17.15 -0.49 0.00	18.38 -0.49 0.00	22.35 -0.72 0.00	20.37 -0.60 -0.26	23.20 -0.71 -0.11	23.73 -0.73 -0.12	23.57 -0.70 -0.07	23.05 -0.71 -0.09	23.11 -0.71 0.00	21.93 -0.68 -0.01	20.15 -0.60 -0.03	20.38 -0.63 0.00	20.22 -0.62 -0.03	20.60 -0.64 -0.07	20.49 -0.63 -0.16	21.57 -0.68 -0.23	21.88 -0.69 -0.20	20.84 -0.62 -0.16	20.95 -0.60 0.00	19.81 -0.47 0.00

SITHE___MASSENA 23902	8.54 -0.56 10.13	9.58 -0.52 7.74	9.48 -0.50 7.40	9.63 -0.47 5.93	9.98 -0.51 7.15	14.03 -0.55 4.29	10.95 -0.67 11.45	11.81 -0.64 8.26	14.30 -0.76 8.74	14.07 -0.78 9.49	18.97 -0.78 4.45	20.27 -0.80 2.59	23.71 -0.83 -0.72	22.53 -0.77 -0.70	20.67 -0.70 -0.66	16.54 -0.76 3.71	16.56 -0.73 3.53	16.85 -0.74 3.58	15.76 -0.73 4.47	20.09 -0.77 1.17	21.61 -0.76 0.00	20.62 -0.68 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
SITHE___OGDNSBRG 24021	10.52 -0.67 8.05	11.41 -0.61 5.83	11.24 -0.61 5.54	11.26 -0.56 4.20	11.76 -0.60 5.28	15.78 -0.64 2.44	13.21 -0.76 9.09	13.82 -0.72 6.17	16.46 -0.90 6.45	16.28 -0.92 7.13	21.00 -0.92 2.28	22.25 -0.90 0.51	25.53 -0.98 -2.67	24.30 -0.88 -2.59	22.35 -0.81 -2.44	18.33 -0.92 1.75	18.32 -0.92 1.58	18.66 -0.91 1.60	17.64 -0.84 2.49	20.14 -0.84 1.04	21.52 -0.85 0.00	20.55 -0.75 0.00	20.79 -0.75 0.00	19.48 -0.79 0.00
SITHE___STERLING 23777	19.72 0.48 0.00	18.30 0.43 -0.03	17.81 0.42 -0.01	16.40 0.37 -0.01	18.08 0.44 0.00	19.36 0.49 0.00	23.76 0.69 0.00	21.54 0.70 -0.13	24.60 0.74 -0.05	25.20 0.80 -0.06	24.99 0.75 -0.04	24.47 0.76 -0.05	24.64 0.81 0.00	23.32 0.72 -0.01	21.38 0.64 -0.01	21.66 0.65 0.00	21.48 0.65 -0.02	21.74 0.53 -0.04	21.61 0.54 -0.10	22.81 0.64 -0.15	23.10 0.60 -0.13	21.91 0.51 -0.10	22.09 0.54 0.00	20.76 0.49 0.00
SLEIGHT__34_KV_TB1 80719	18.62 -0.62 0.00	17.48 -0.46 -0.10	16.93 -0.49 -0.02	15.62 -0.43 -0.03	17.08 -0.56 0.00	18.40 -0.47 0.00	22.24 -0.83 0.00	20.75 -0.41 -0.45	23.61 -0.38 -0.19	24.14 -0.41 -0.22	23.94 -0.39 -0.12	23.43 -0.40 -0.17	23.35 -0.48 0.00	22.21 -0.41 -0.02	20.42 -0.35 -0.05	20.57 -0.44 -0.01	20.46 -0.42 -0.06	20.86 -0.42 -0.12	20.78 -0.46 -0.27	21.89 -0.53 -0.40	22.18 -0.54 -0.35	21.02 -0.55 -0.28	20.88 -0.67 0.00	19.83 -0.45 0.00
SOUTH CAIRO___GT 23612	20.37 1.13 0.00	19.53 0.91 -0.77	18.67 1.08 -0.20	17.10 0.80 -0.28	18.77 1.13 0.00	20.08 1.21 0.00	24.29 1.22 0.00	29.21 0.85 -7.65	27.93 0.98 -3.14	29.01 1.00 -3.68	27.05 0.77 -2.07	27.22 0.76 -2.80	24.76 0.93 0.00	23.80 0.79 -0.41	22.20 0.64 -0.84	21.96 0.84 -0.12	22.49 0.71 -0.96	23.91 0.74 -2.01	26.39 0.78 -4.65	29.71 0.92 -6.76	29.28 1.01 -5.90	27.03 1.00 -4.73	22.79 1.19 -0.06	21.29 1.01 0.00
SOUTH HAMPTN___IC 23720	21.71 2.46 -0.02	20.77 2.25 -0.68	19.78 2.21 -0.18	18.36 2.10 -0.25	19.94 2.29 -0.01	21.14 2.26 -0.01	26.22 3.14 -0.02	30.11 2.78 -6.63	30.27 3.09 -3.37	30.56 3.04 -3.18	29.17 3.17 -1.80	29.32 3.22 -2.44	28.38 3.19 -1.36	27.89 2.92 -2.38	26.27 2.57 -2.98	24.89 2.71 -1.18	27.31 2.67 -3.83	28.77 2.99 -4.62	29.50 3.00 -5.53	31.63 3.15 -6.46	30.67 3.18 -5.12	29.14 2.79 -5.06	25.32 2.65 -1.13	22.77 2.47 -0.02
SOUTHDOW__115KV_TB1 355954	18.83 -0.40 0.00	17.21 -0.77 -0.14	16.85 -0.57 -0.04	15.39 -0.67 -0.05	17.40 -0.25 0.00	18.75 -0.11 0.00	22.35 -0.72 0.00	20.57 -0.79 -0.65	23.21 -0.86 -0.27	23.72 -0.92 -0.31	23.46 -0.92 -0.18	22.91 -0.99 -0.24	23.50 -0.33 0.00	21.86 -0.77 -0.04	19.94 -0.85 -0.07	20.74 -0.27 -0.01	19.96 -0.94 -0.08	20.34 -0.99 -0.17	20.31 -1.05 -0.39	21.56 -1.04 -0.57	21.64 -1.23 -0.50	20.32 -1.38 -0.40	20.69 -0.86 0.00	19.83 -0.45 0.00
SOUTHOLD_69_KV_BK 2 55809	21.90 2.65 -0.01	20.94 2.43 -0.67	19.95 2.38 -0.17	18.50 2.24 -0.24	20.11 2.47 0.00	21.32 2.45 0.00	26.49 3.41 -0.01	30.34 3.00 -6.63	30.56 3.38 -3.37	30.89 3.38 -3.17	29.43 3.44 -1.79	29.58 3.48 -2.44	28.62 3.43 -1.36	28.11 3.14 -2.38	26.45 2.76 -2.98	25.06 2.88 -1.18	27.50 2.85 -3.83	28.98 3.20 -4.62	29.73 3.23 -5.53	31.90 3.41 -6.46	30.92 3.42 -5.12	29.38 3.02 -5.06	25.54 2.87 -1.13	22.97 2.68 -0.02
SOUTHOLD___IC 23719	21.91 2.66 -0.02	20.95 2.43 -0.68	19.96 2.38 -0.18	18.51 2.24 -0.25	20.12 2.47 -0.01	21.33 2.45 -0.01	26.43 3.34 -0.02	30.34 3.00 -6.63	30.58 3.40 -3.37	30.85 3.33 -3.18	29.46 3.46 -1.80	29.59 3.48 -2.44	28.62 3.43 -1.36	28.09 3.12 -2.38	26.45 2.76 -2.98	25.04 2.86 -1.18	27.50 2.85 -3.83	28.98 3.20 -4.62	29.73 3.23 -5.53	31.90 3.41 -6.46	30.92 3.42 -5.12	29.38 3.02 -5.06	25.54 2.87 -1.13	22.97 2.68 -0.02
SOUTH_FORK_WT_PWR 323839	21.87 2.62 -0.02	20.93 2.41 -0.68	19.92 2.35 -0.18	18.48 2.21 -0.25	20.09 2.44 -0.01	21.29 2.42 -0.01	26.38 3.30 -0.02	30.30 2.96 -6.63	30.53 3.36 -3.37	30.82 3.31 -3.18	29.39 3.39 -1.80	29.54 3.43 -2.44	28.55 3.36 -1.36	28.02 3.05 -2.38	26.37 2.67 -2.98	24.95 2.77 -1.18	27.41 2.77 -3.83	28.92 3.13 -4.62	29.67 3.17 -5.53	31.81 3.33 -6.46	30.83 3.33 -5.12	29.31 2.96 -5.06	25.47 2.80 -1.13	22.91 2.62 -0.02
SPIERFLS_115KV_TB 1 80737	19.87 0.63 0.00	19.35 0.66 -0.84	18.22 0.61 -0.22	16.83 0.51 -0.30	18.28 0.64 0.00	19.53 0.66 0.00	24.04 0.97 0.00	29.82 0.85 -8.26	28.25 1.05 -3.40	29.42 1.12 -3.97	27.53 1.09 -2.24	27.75 1.06 -3.03	24.81 0.98 0.00	23.90 0.86 -0.45	22.33 0.70 -0.91	21.91 0.78 -0.13	22.58 0.73 -1.04	24.12 0.78 -2.17	26.81 0.82 -5.02	30.18 0.86 -7.30	29.70 0.96 -6.37	27.33 0.92 -5.11	22.45 0.84 -0.06	20.92 0.65 0.00
ST LAWRENCE___ 23600	7.71 -0.65 10.87	8.81 -0.61 8.43	8.73 -0.59 8.07	8.93 -0.54 6.55	9.23 -0.60 7.81	13.27 -0.64 4.95	10.00 -0.78 12.28	10.98 -0.73 9.00	13.41 -0.83 9.56	13.13 -0.87 10.33	18.09 -0.87 5.24	19.44 -0.88 3.34	22.92 -0.91 0.01	21.78 -0.81 0.00	19.95 -0.77 0.00	15.79 -0.80 4.42	15.81 -0.77 4.24	16.09 -0.78 4.30	15.00 -0.78 5.19	20.00 -0.81 1.21	21.59 -0.78 0.00	20.57 -0.72 0.00	20.79 -0.75 0.00	19.55 -0.73 0.00
STATE_CA_115KV_115_LB 55624	20.14 0.90 0.00	19.53 0.86 -0.82	18.44 0.83 -0.21	17.05 0.74 -0.29	18.47 0.83 0.00	19.74 0.87 0.00	23.92 0.85 0.00	29.57 0.70 -8.16	28.02 0.86 -3.35	29.18 0.92 -3.92	27.28 0.87 -2.21	27.50 0.85 -2.99	24.71 0.88 0.00	23.92 0.88 -0.44	22.38 0.77 -0.90	21.95 0.82 -0.12	22.61 0.77 -1.03	24.07 0.76 -2.14	26.66 0.73 -4.96	30.00 0.77 -7.21	29.44 0.78 -6.29	27.07 0.72 -5.05	22.38 0.78 -0.06	20.92 0.65 0.00
STATE_ST_34_KV_LOAD 55959	19.12 -0.12 0.00	17.82 -0.12 -0.10	17.31 -0.10 -0.03	15.94 -0.11 -0.04	17.54 -0.11 0.00	18.83 -0.04 0.00	22.98 -0.09 0.00	21.23 0.04 -0.48	24.07 0.07 -0.20	24.61 0.05 -0.23	24.40 0.07 -0.13	23.93 0.09 -0.17	23.95 0.12 0.00	22.67 0.05 -0.03	20.79 0.02 -0.05	21.03 0.02 -0.01	20.83 -0.04 -0.06	21.25 -0.04 -0.12	21.19 -0.06 -0.29	22.38 -0.07 -0.42	22.67 -0.07 -0.37	21.51 -0.09 -0.29	21.46 -0.09 0.00	20.28 0.00 0.00
STATION 5_MISC_HYD 23604	18.62 -0.62 0.00	17.53 -0.41 -0.10	16.98 -0.43 -0.03	15.69 -0.37 -0.04	17.10 -0.55 0.00	18.40 -0.47 0.00	22.10 -0.97 0.00	20.70 -0.48 -0.46	23.57 -0.43 -0.19	24.07 -0.49 -0.22	23.84 -0.48 -0.13	23.34 -0.50 -0.17	23.21 -0.62 0.00	22.17 -0.45 -0.03	20.40 -0.37 -0.05	20.53 -0.48 -0.01	20.48 -0.40 -0.06	20.87 -0.42 -0.12	20.82 -0.42 -0.28	21.90 -0.53 -0.41	22.17 -0.56 -0.35	20.99 -0.60 -0.28	20.80 -0.75 0.00	19.83 -0.45 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.91 -0.33 0.00	17.69 -0.25 -0.09	17.15 -0.26 -0.02	15.81 -0.24 -0.03	17.34 -0.30 0.00	18.68 -0.19 0.00	22.58 -0.48 0.00	21.01 -0.14 -0.45	23.92 -0.07 -0.19	24.45 -0.10 -0.22	24.25 -0.07 -0.12	23.71 -0.12 -0.16	23.71 -0.12 0.00	22.51 -0.11 -0.02	20.69 -0.08 -0.05	20.91 -0.11 -0.01	20.75 -0.12 -0.06	21.14 -0.15 -0.12	21.09 -0.15 -0.27	22.22 -0.20 -0.40	22.49 -0.22 -0.35	21.34 -0.23 -0.28	21.23 -0.32 0.00	20.15 -0.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.54 -0.69 0.00	17.46 -0.48 -0.10	16.88 -0.54 -0.03	15.61 -0.45 -0.03	17.01 -0.64 0.00	18.32 -0.55 0.00	22.01 -1.06 0.00	20.61 -0.56 -0.46	23.47 -0.52 -0.19	23.97 -0.58 -0.22	23.77 -0.56 -0.12	23.26 -0.57 -0.17	23.14 -0.69 0.00	22.05 -0.56 -0.02	20.33 -0.44 -0.05	20.47 -0.55 -0.01	20.39 -0.48 -0.06	20.78 -0.51 -0.12	20.74 -0.50 -0.28	21.81 -0.62 -0.41	22.08 -0.65 -0.36	20.92 -0.66 -0.29	20.71 -0.84 0.00	19.75 -0.53 0.00
STA_56___34_KV_BUS2 355983	18.54 -0.69 0.00	17.46 -0.48 -0.10	16.88 -0.54 -0.03	15.61 -0.45 -0.03	17.01 -0.64 0.00	18.32 -0.55 0.00	22.01 -1.06 0.00	20.61 -0.56 -0.46	23.47 -0.52 -0.19	23.97 -0.58 -0.22	23.77 -0.56 -0.12	23.26 -0.57 -0.17	23.14 -0.69 0.00	22.05 -0.56 -0.02	20.33 -0.44 -0.05	20.47 -0.55 -0.01	20.39 -0.48 -0.06	20.78 -0.51 -0.12	20.74 -0.50 -0.28	21.81 -0.62 -0.41	22.08 -0.65 -0.36	20.92 -0.66 -0.29	20.71 -0.84 0.00	19.75 -0.53 0.00
STA_67___115KV_BK2 355882	18.60 -0.63 0.00	17.52 -0.43 -0.10	16.95 -0.47 -0.03	15.65 -0.40 -0.03	17.06 -0.58 0.00	18.38 -0.49 0.00	22.05 -1.02 0.00	20.68 -0.50 -0.46	23.52 -0.48 -0.19	24.00 -0.56 -0.22	23.82 -0.51 -0.13	23.29 -0.54 -0.17	23.16 -0.67 0.00	22.08 -0.54 -0.03	20.36 -0.41 -0.05	20.49 -0.53 -0.01	20.44 -0.44 -0.06	20.82 -0.47 -0.12	20.76 -0.48 -0.28	21.86 -0.57 -0.41	22.12 -0.60 -0.36	20.95 -0.64 -0.29	20.73 -0.82 0.00	19.79 -0.49 0.00
STA_7___115KV_9TRANS 80674	18.68 -0.56 0.00	17.59 -0.36 -0.10	17.02 -0.40 -0.03	15.72 -0.34 -0.04	17.13 -0.51 0.00	18.45 -0.42 0.00	22.15 -0.92 0.00	20.78 -0.39 -0.46	23.66 -0.33 -0.19	24.17 -0.39 -0.22	23.96 -0.36 -0.13	23.43 -0.40 -0.17	23.30 -0.52 0.00	22.24 -0.38 -0.03	20.48 -0.29 -0.05	20.63 -0.38 -0.01	20.56 -0.31 -0.06	20.95 -0.34 -0.12	20.91 -0.34 -0.28	21.99 -0.44 -0.41	22.26 -0.47 -0.36	21.10 -0.49 -0.29	20.86 -0.69 0.00	19.91 -0.36 0.00
STA_82___115KV_TB1 80780	18.60 -0.63 0.00	17.52 -0.43 -0.10	16.95 -0.47 -0.03	15.65 -0.40 -0.04	17.08 -0.56 0.00	18.38 -0.49 0.00	22.05 -1.02 0.00	20.68 -0.50 -0.47	23.52 -0.48 -0.19	24.02 -0.54 -0.22	23.82 -0.51 -0.13	23.29 -0.54 -0.17	23.16 -0.67 0.00	22.08 -0.54 -0.03	20.36 -0.41 -0.05	20.49 -0.53 -0.01	20.44 -0.44 -0.06	20.82 -0.47 -0.12	20.79 -0.46 -0.28	21.88 -0.55 -0.41	22.13 -0.60 -0.36	20.95 -0.64 -0.29	20.73 -0.82 0.00	19.79 -0.49 0.00
STEEL___WIND 323596	18.52 -0.71 0.00	17.13 -0.84 -0.13	16.71 -0.71 -0.03	15.36 -0.70 -0.05	17.10 -0.55 0.00	18.40 -0.47 0.00	21.92 -1.15 0.00	20.28 -1.03 -0.60	22.91 -1.14 -0.25	23.41 -1.22 -0.29	23.16 -1.21 -0.16	22.65 -1.23 -0.22	22.99 -0.83 0.00	21.52 -1.11 -0.03	19.79 -0.99 -0.07	20.40 -0.61 -0.01	19.87 -1.02 -0.08	20.22 -1.10 -0.16	20.22 -1.11 -0.37	21.39 -1.17 -0.53	21.54 -1.30 -0.46	20.24 -1.43 -0.37	20.48 -1.08 0.00	19.65 -0.63 0.00
STEPHTWN_115KV_BK_2 55603	20.22 0.98 0.00	19.61 0.95 -0.81	18.52 0.92 -0.21	17.13 0.82 -0.29	18.56 0.92 0.00	19.85 0.98 0.00	24.04 0.97 0.00	29.62 0.81 -8.10	28.11 0.98 -3.33	29.27 1.05 -3.89	27.34 0.94 -2.20	27.55 0.92 -2.97	24.81 0.98 0.00	23.98 0.95 -0.44	22.44 0.83 -0.89	22.03 0.90 -0.12	22.67 0.83 -1.02	24.14 0.85 -2.12	26.71 0.82 -4.93	30.04 0.86 -7.16	29.51 0.89 -6.24	27.14 0.83 -5.01	22.47 0.86 -0.06	21.01 0.73 0.00
STEUBEN_REC_LFGE 323667	18.33 -0.90 0.00	17.03 -0.98 -0.16	16.62 -0.82 -0.04	15.24 -0.83 -0.06	16.99 -0.65 0.00	18.34 -0.53 0.00	22.05 -1.02 0.00	20.59 -0.89 -0.77	23.19 -0.93 -0.32	23.80 -0.90 -0.37	23.56 -0.85 -0.21	23.05 -0.90 -0.28	23.07 -0.76 0.00	21.64 -0.99 -0.04	19.73 -1.08 -0.09	20.41 -0.61 -0.01	19.98 -0.94 -0.10	20.42 -0.95 -0.20	20.30 -1.13 -0.47	21.58 -1.12 -0.68	21.78 -1.19 -0.60	20.48 -1.30 -0.48	20.56 -0.99 -0.01	19.63 -0.65 0.00
STILLWATER___SOLAR 323814	20.10 0.87 0.00	19.54 0.86 -0.84	18.43 0.82 -0.22	17.04 0.72 -0.30	18.49 0.85 0.00	19.74 0.87 0.00	24.25 1.18 0.00	29.96 1.01 -8.24	28.38 1.19 -3.38	29.55 1.26 -3.96	27.67 1.23 -2.23	27.89 1.21 -3.02	24.97 1.14 0.00	24.10 1.06 -0.45	22.56 0.93 -0.91	22.12 0.99 -0.13	22.81 0.96 -1.04	24.32 1.00 -2.16	27.00 1.03 -5.01	30.38 1.08 -7.28	29.86 1.14 -6.35	27.48 1.09 -5.09	22.64 1.03 -0.06	21.13 0.85 0.00
STONY___BROOK 24151	21.52 2.27 -0.02	20.56 2.03 -0.68	19.55 1.98 -0.18	18.14 1.87 -0.25	19.70 2.05 -0.01	20.97 2.09 -0.01	25.92 2.84 -0.02	29.86 2.53 -6.63	30.03 2.86 -3.37	30.36 2.85 -3.18	28.85 2.85 -1.80	28.97 2.86 -2.44	28.10 2.91 -1.36	27.64 2.66 -2.38	26.14 2.44 -2.98	24.72 2.52 -1.18	27.16 2.52 -3.83	28.45 2.67 -4.61	29.19 2.66 -5.56	31.28 2.77 -6.49	30.30 2.80 -5.13	28.89 2.53 -5.06	25.17 2.50 -1.13	22.59 2.29 -0.02
STURGEON_POOL_HYD 23609	20.70 1.46 0.00	19.66 1.14 -0.68	18.85 1.29 -0.18	17.35 1.09 -0.24	18.95 1.31 0.00	20.23 1.36 0.00	24.98 1.91 0.00	28.95 1.59 -6.65	28.39 1.86 -2.73	29.40 1.87 -3.19	27.87 1.86 -1.80	27.94 1.85 -2.43	25.83 2.00 0.00	24.74 1.78 -0.36	23.09 1.64 -0.73	22.87 1.76 -0.10	23.32 1.67 -0.84	24.60 1.69 -1.74	26.66 1.66 -4.04	29.66 1.76 -5.87	29.28 1.79 -5.12	27.09 1.68 -4.11	23.36 1.77 -0.05	21.88 1.60 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.51 1.27 0.00	19.59 1.12 -0.62	18.66 1.11 -0.16	17.26 1.03 -0.22	18.77 1.13 0.00	20.04 1.17 0.00	24.68 1.61 0.00	28.01 1.41 -5.89	27.87 1.64 -2.42	28.82 1.65 -2.83	27.47 1.67 -1.60	27.45 1.63 -2.16	25.50 1.67 0.00	24.47 1.56 -0.32	22.82 1.45 -0.65	22.59 1.49 -0.09	23.03 1.48 -0.74	24.21 1.50 -1.54	26.03 1.49 -3.58	28.79 1.56 -5.20	28.48 1.57 -4.54	26.41 1.47 -3.64	23.04 1.44 -0.04	21.57 1.30 0.00
SWANROAD_115KV_TB1 355699	17.91 -1.33 0.00	16.80 -1.16 -0.12	16.31 -1.11 -0.03	15.05 -1.01 -0.04	16.51 -1.13 0.00	17.77 -1.09 0.00	21.09 -1.98 0.00	19.80 -1.47 -0.56	22.39 -1.64 -0.23	22.85 -1.75 -0.27	22.63 -1.72 -0.15	22.12 -1.75 -0.21	22.16 -1.67 0.00	21.00 -1.63 -0.03	19.35 -1.43 -0.06	19.69 -1.32 -0.01	19.47 -1.42 -0.07	19.81 -1.50 -0.15	19.82 -1.49 -0.34	20.91 -1.61 -0.50	21.08 -1.72 -0.43	19.81 -1.83 -0.35	19.74 -1.81 0.00	19.04 -1.24 0.00
SYNERGY___BIOGAS 323694	18.62 -0.62 0.00	17.46 -0.50 -0.11	16.91 -0.50 -0.03	15.61 -0.45 -0.04	17.11 -0.53 0.00	18.47 -0.40 0.00	22.01 -1.06 0.00	20.63 -0.60 -0.52	23.45 -0.57 -0.22	23.93 -0.66 -0.25	23.69 -0.65 -0.14	23.15 -0.71 -0.19	23.14 -0.69 0.00	21.99 -0.63 -0.03	20.24 -0.54 -0.06	20.55 -0.46 -0.01	20.34 -0.54 -0.07	20.73 -0.57 -0.14	20.72 -0.57 -0.32	21.82 -0.66 -0.46	22.01 -0.76 -0.40	20.79 -0.83 -0.32	20.69 -0.86 0.00	19.83 -0.45 0.00

SYRACUSE___ENERGY_ST1 323597	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.12 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 0.00 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.05 -0.15 -0.23	22.20 -0.15 -0.33	22.53 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	19.10 -0.13 0.00	17.78 -0.14 -0.08	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.95 -0.12 0.00	21.07 -0.02 -0.38	23.96 0.00 -0.16	24.54 0.02 -0.18	24.33 0.02 -0.10	23.85 0.05 -0.14	23.88 0.05 0.00	22.62 0.00 -0.02	20.74 -0.02 -0.04	20.97 -0.04 -0.01	20.74 -0.12 -0.05	21.14 -0.13 -0.10	21.05 -0.15 -0.23	22.20 -0.15 -0.33	22.53 -0.13 -0.29	21.40 -0.13 -0.23	21.44 -0.11 0.00	20.26 -0.02 0.00
SYRACUSE___POWER 24017	19.08 -0.15 0.00	17.78 -0.14 -0.07	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.91 -0.16 0.00	21.01 -0.04 -0.35	23.90 -0.05 -0.14	24.45 -0.05 -0.17	24.25 -0.05 -0.09	23.77 -0.02 -0.13	23.81 -0.02 0.00	22.55 -0.07 -0.02	20.70 -0.06 -0.04	20.93 -0.08 -0.01	20.76 -0.10 -0.04	21.15 -0.11 -0.09	21.05 -0.13 -0.21	22.22 -0.11 -0.30	22.52 -0.11 -0.27	21.38 -0.13 -0.21	21.44 -0.11 0.00	20.26 -0.02 0.00
TALLMAN__138KV_BK151 55660	20.66 1.42 0.00	19.75 1.27 -0.63	18.81 1.25 -0.16	17.41 1.17 -0.23	18.91 1.27 0.00	20.19 1.32 0.00	24.89 1.82 0.00	28.43 1.62 -6.10	28.20 1.88 -2.51	29.16 1.90 -2.93	27.74 1.89 -1.66	27.79 1.89 -2.24	25.76 1.93 0.00	24.73 1.81 -0.33	23.05 1.66 -0.67	22.80 1.70 -0.09	23.27 1.69 -0.77	24.48 1.71 -1.60	26.37 1.70 -3.71	29.20 1.78 -5.39	28.87 1.79 -4.71	26.74 1.66 -3.78	23.23 1.64 -0.05	21.74 1.46 0.00
TEALLAVE_115KV_TB7 355573	18.99 -0.25 0.00	17.70 -0.21 -0.07	17.20 -0.21 -0.02	15.84 -0.21 -0.03	17.41 -0.23 0.00	18.68 -0.19 0.00	22.77 -0.30 0.00	20.86 -0.19 -0.34	23.75 -0.19 -0.14	24.30 -0.19 -0.16	24.12 -0.17 -0.09	23.62 -0.17 -0.12	23.66 -0.17 0.00	22.43 -0.18 -0.02	20.59 -0.17 -0.04	20.82 -0.19 -0.01	20.63 -0.23 -0.04	21.04 -0.21 -0.09	20.94 -0.23 -0.20	22.08 -0.24 -0.29	22.38 -0.25 -0.26	21.27 -0.23 -0.21	21.33 -0.22 0.00	20.15 -0.12 0.00
TELGRAPH_34_KV_EAST 80808	18.37 -0.87 0.00	17.23 -0.73 -0.11	16.71 -0.71 -0.03	15.40 -0.66 -0.04	16.94 -0.71 0.00	18.25 -0.62 0.00	21.66 -1.41 0.00	20.32 -0.93 -0.54	23.03 -1.00 -0.22	23.50 -1.09 -0.26	23.28 -1.06 -0.15	22.75 -1.11 -0.20	22.78 -1.05 0.00	21.63 -0.99 -0.03	19.91 -0.87 -0.06	20.26 -0.76 -0.01	20.03 -0.85 -0.07	20.38 -0.93 -0.14	20.37 -0.92 -0.33	21.49 -1.01 -0.48	21.67 -1.12 -0.42	20.42 -1.21 -0.33	20.32 -1.23 0.00	19.55 -0.73 0.00
TEMPLE___115KV_TB 2 55572	19.00 -0.23 0.00	17.70 -0.21 -0.07	17.20 -0.21 -0.02	15.85 -0.19 -0.03	17.43 -0.21 0.00	18.70 -0.17 0.00	22.79 -0.28 0.00	20.88 -0.17 -0.34	23.75 -0.19 -0.14	24.33 -0.17 -0.16	24.12 -0.17 -0.09	23.65 -0.14 -0.12	23.69 -0.14 0.00	22.45 -0.16 -0.02	20.59 -0.17 -0.04	20.84 -0.17 -0.01	20.65 -0.21 -0.04	21.04 -0.21 -0.09	20.94 -0.23 -0.20	22.08 -0.24 -0.30	22.41 -0.22 -0.26	21.27 -0.23 -0.21	21.33 -0.22 0.00	20.17 -0.10 0.00
TIANA____69_KV_BK 1 55817	21.69 2.44 -0.01	20.75 2.23 -0.67	19.74 2.17 -0.17	18.34 2.08 -0.24	19.90 2.26 0.00	21.11 2.25 0.00	26.24 3.16 -0.01	30.07 2.73 -6.63	30.22 3.05 -3.37	30.55 3.04 -3.17	29.09 3.10 -1.79	29.28 3.17 -2.44	28.36 3.17 -1.36	27.84 2.87 -2.38	26.25 2.55 -2.98	24.89 2.71 -1.18	27.29 2.64 -3.83	28.75 2.96 -4.62	29.48 2.98 -5.53	31.59 3.11 -6.46	30.63 3.13 -5.12	29.10 2.75 -5.06	25.30 2.63 -1.13	22.75 2.45 -0.02
TILDEN___115KV_TB1 80814	19.08 -0.15 0.00	17.78 -0.14 -0.07	17.27 -0.14 -0.02	15.92 -0.13 -0.03	17.50 -0.14 0.00	18.77 -0.09 0.00	22.91 -0.16 0.00	21.01 -0.04 -0.35	23.90 -0.05 -0.14	24.45 -0.05 -0.17	24.25 -0.05 -0.09	23.77 -0.02 -0.13	23.81 -0.02 0.00	22.55 -0.07 -0.02	20.70 -0.06 -0.04	20.93 -0.08 -0.01	20.76 -0.10 -0.04	21.15 -0.11 -0.09	21.05 -0.13 -0.21	22.22 -0.11 -0.30	22.52 -0.11 -0.27	21.38 -0.13 -0.21	21.44 -0.11 0.00	20.26 -0.02 0.00
TRIGEN___CC 323695	21.06 1.83 0.00	20.14 1.62 -0.67	19.16 1.60 -0.17	17.76 1.51 -0.24	19.27 1.62 0.00	20.57 1.70 0.00	25.38 2.31 0.00	29.32 1.99 -6.62	29.46 2.29 -3.37	29.89 2.38 -3.17	28.36 2.37 -1.79	28.40 2.30 -2.44	27.50 2.31 -1.36	27.14 2.17 -2.37	25.70 2.01 -2.97	24.23 2.06 -1.17	26.70 2.06 -3.82	27.85 2.07 -4.61	28.49 2.05 -5.47	30.58 2.16 -6.40	29.65 2.17 -5.11	28.35 2.00 -5.05	24.69 2.03 -1.12	22.10 1.80 -0.01
TRINITY__115KV__4 BK 55933	20.08 0.85 0.00	19.45 0.79 -0.81	18.37 0.77 -0.21	17.00 0.69 -0.29	18.42 0.78 0.00	19.68 0.81 0.00	23.78 0.72 0.00	29.40 0.58 -8.11	27.85 0.71 -3.33	29.01 0.78 -3.90	27.10 0.70 -2.20	27.32 0.69 -2.97	24.57 0.74 0.00	23.78 0.75 -0.44	22.27 0.66 -0.89	21.84 0.71 -0.12	22.50 0.67 -1.02	23.95 0.66 -2.13	26.52 0.63 -4.93	29.85 0.66 -7.16	29.27 0.65 -6.25	26.91 0.60 -5.02	22.28 0.67 -0.06	20.82 0.55 0.00
UNION___PROCESSING_DRP 323587	18.60 -0.63 0.00	17.52 -0.43 -0.10	16.95 -0.47 -0.03	15.67 -0.38 -0.04	17.08 -0.56 0.00	18.38 -0.49 0.00	22.05 -1.02 0.00	20.68 -0.50 -0.47	23.52 -0.48 -0.19	24.02 -0.54 -0.22	23.82 -0.51 -0.13	23.29 -0.54 -0.17	23.16 -0.67 0.00	22.10 -0.52 -0.03	20.36 -0.41 -0.05	20.51 -0.50 -0.01	20.44 -0.44 -0.06	20.82 -0.47 -0.12	20.79 -0.46 -0.28	21.88 -0.55 -0.41	22.15 -0.58 -0.36	20.97 -0.62 -0.29	20.75 -0.80 0.00	19.79 -0.49 0.00
UPPER HUDSON___HYD 24058	19.87 0.63 0.00	19.35 0.66 -0.84	18.22 0.61 -0.22	16.83 0.51 -0.30	18.28 0.63 0.00	19.53 0.66 0.00	24.04 0.97 0.00	29.82 0.85 -8.26	28.22 1.02 -3.40	29.42 1.12 -3.97	27.53 1.09 -2.24	27.76 1.07 -3.03	24.81 0.98 0.00	23.90 0.86 -0.45	22.33 0.70 -0.91	21.91 0.78 -0.13	22.58 0.73 -1.04	24.12 0.78 -2.17	26.80 0.82 -5.02	30.18 0.86 -7.30	29.70 0.96 -6.37	27.33 0.92 -5.11	22.45 0.84 -0.06	20.92 0.65 0.00
UPPER RAQUET___HYD 24056	11.46 -1.06 6.72	12.25 -0.98 4.61	12.10 -0.94 4.35	12.05 -0.87 3.10	12.59 -0.95 4.10	16.56 -1.04 1.28	14.20 -1.27 7.60	14.63 -1.24 4.84	17.32 -1.50 4.99	17.19 -1.51 5.64	21.87 -1.43 0.90	23.12 -1.35 -0.80	26.32 -1.43 -3.92	25.07 -1.31 -3.79	23.07 -1.22 -3.57	19.14 -1.37 0.50	19.06 -1.42 0.34	19.40 -1.42 0.35	18.35 -1.38 1.23	19.65 -1.41 0.96	20.96 -1.41 0.00	20.09 -1.21 0.00	20.36 -1.19 0.00	19.10 -1.18 0.00
VALLEY44_115KV_TB2 355964	18.89 -0.35 0.00	17.00 -0.98 -0.14	16.75 -0.68 -0.04	15.22 -0.85 -0.05	17.43 -0.21 0.00	18.77 -0.09 0.00	22.47 -0.60 0.00	20.21 -1.16 -0.66	22.79 -1.29 -0.27	23.26 -1.39 -0.32	23.00 -1.38 -0.18	22.51 -1.40 -0.24	23.47 -0.36 0.00	21.57 -1.06 -0.04	19.59 -1.20 -0.07	20.78 -0.23 -0.01	19.67 -1.23 -0.08	20.05 -1.29 -0.17	20.07 -1.30 -0.41	21.27 -1.34 -0.59	21.41 -1.48 -0.51	20.13 -1.58 -0.41	20.86 -0.69 -0.01	20.01 -0.26 0.00

VALLEY___115KV_TB 1-4 80826	19.42 -0.35 -0.53	17.92 -0.34 -0.41	17.46 -0.33 -0.40	16.04 -0.30 -0.32	17.69 -0.34 -0.38	18.75 -0.36 -0.24	23.27 -0.39 -0.60	20.82 -0.33 -0.44	23.94 -0.33 -0.46	24.59 -0.24 -0.50	24.26 -0.19 -0.25	23.71 -0.12 -0.16	23.76 -0.07 0.00	22.50 -0.09 0.00	20.57 -0.15 0.00	21.03 -0.19 -0.21	20.86 -0.17 -0.21	21.25 -0.13 -0.21	21.11 -0.10 -0.26	21.99 -0.09 -0.06	22.26 -0.11 0.00	21.19 -0.11 0.00	21.42 -0.13 0.00	20.13 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.31 1.08 0.00	19.10 0.95 -0.31	18.36 0.89 -0.08	16.93 0.80 -0.11	18.60 0.95 0.00	19.94 1.08 0.00	24.55 1.48 0.00	23.40 1.24 -1.45	25.81 1.40 -0.60	26.56 1.53 -0.70	26.07 1.48 -0.39	25.69 1.49 -0.53	25.40 1.57 0.00	24.07 1.40 -0.08	22.10 1.22 -0.16	22.29 1.26 -0.02	22.14 1.14 -0.18	22.71 1.16 -0.37	23.03 1.19 -0.87	24.63 1.34 -1.26	24.75 1.28 -1.10	23.33 1.15 -0.89	22.76 1.21 -0.01	21.43 1.16 0.00
VISCHER___FERRY HYD 24020	20.06 0.83 0.00	19.47 0.80 -0.82	18.39 0.78 -0.21	17.02 0.70 -0.30	18.46 0.81 0.00	19.68 0.81 0.00	24.13 1.06 0.00	29.78 0.91 -8.16	28.18 1.02 -3.35	29.32 1.07 -3.92	27.48 1.06 -2.21	27.67 1.02 -2.99	24.85 1.02 0.00	24.01 0.97 -0.44	22.49 0.87 -0.90	22.03 0.90 -0.12	22.76 0.91 -1.03	24.26 0.95 -2.14	26.87 0.94 -4.96	30.24 1.01 -7.21	29.69 1.03 -6.29	27.28 0.94 -5.05	22.51 0.90 -0.06	21.05 0.77 0.00
V_A_10_SYNC_DSASP 323832	18.26 -0.98 0.00	17.26 -0.70 -0.11	16.70 -0.71 -0.03	15.45 -0.61 -0.04	16.81 -0.83 0.00	18.09 -0.77 0.00	21.59 -1.48 0.00	20.31 -0.91 -0.51	23.02 -1.00 -0.21	23.51 -1.07 -0.25	23.27 -1.06 -0.14	22.76 -1.09 -0.19	22.59 -1.24 0.00	21.61 -1.02 -0.03	19.91 -0.87 -0.06	20.05 -0.97 -0.01	20.01 -0.87 -0.06	20.37 -0.93 -0.13	20.35 -0.92 -0.31	21.46 -1.01 -0.45	21.67 -1.10 -0.39	20.42 -1.19 -0.31	20.19 -1.36 0.00	19.38 -0.89 0.00
V_CMM_10_SYNC_DSASP 323787	7.79 -0.58 10.87	8.88 -0.53 8.43	8.80 -0.52 8.07	8.99 -0.48 6.55	9.30 -0.53 7.81	13.33 -0.59 4.95	10.09 -0.69 12.28	11.06 -0.64 9.00	13.48 -0.76 9.56	13.23 -0.78 10.33	18.16 -0.80 5.24	19.51 -0.80 3.34	22.99 -0.83 0.01	21.83 -0.77 0.00	20.01 -0.70 0.00	15.85 -0.74 4.42	15.87 -0.71 4.24	16.15 -0.72 4.30	15.06 -0.71 5.19	20.07 -0.75 1.21	21.63 -0.74 0.00	20.64 -0.66 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
V_CMP_10_SYNC_DSASP 323788	-6.79 -1.40 24.62	-6.82 -1.29 23.38	-6.77 -1.30 22.86	-6.79 -1.17 21.64	-6.70 -1.36 22.98	-6.66 -1.45 24.08	-6.56 -1.78 27.85	-6.59 -1.66 25.64	-6.48 -1.98 28.31	-6.51 -1.99 28.85	-6.54 -2.01 28.73	-6.57 -1.96 28.27	-6.52 -2.10 28.26	-6.57 -1.88 27.29	-6.69 -1.70 25.71	-6.77 -1.70 26.07	-6.79 -1.62 25.98	-6.77 -1.63 26.30	-6.66 -1.70 25.93	19.20 -1.63 1.19	20.96 -1.41 0.00	20.17 -1.13 0.00	20.54 -1.01 0.00	19.26 -1.01 0.00
V_D_10_SYNC_DSASP 323841	8.49 -0.56 10.18	9.56 -0.50 7.79	9.45 -0.49 7.45	9.60 -0.45 5.97	9.94 -0.51 7.19	13.99 -0.55 4.33	10.89 -0.67 11.51	11.78 -0.62 8.31	14.27 -0.74 8.79	14.01 -0.78 9.54	18.92 -0.78 4.50	20.25 -0.78 2.64	23.66 -0.83 -0.67	22.50 -0.75 -0.65	20.63 -0.70 -0.62	16.50 -0.76 3.75	16.51 -0.73 3.58	16.80 -0.74 3.62	15.71 -0.73 4.52	20.08 -0.77 1.17	21.61 -0.76 0.00	20.62 -0.68 0.00	20.86 -0.69 0.00	19.59 -0.69 0.00
V_E_10_SYNC_DSASP 323830	20.27 1.04 0.00	18.98 0.89 -0.24	18.22 0.76 -0.06	16.84 0.74 -0.08	18.60 0.95 0.00	20.11 1.24 0.00	24.94 1.87 0.00	23.76 1.93 -1.13	26.27 2.00 -0.46	27.06 2.19 -0.54	26.54 2.03 -0.31	26.06 1.99 -0.41	25.93 2.10 0.00	24.44 1.78 -0.06	22.40 1.55 -0.12	22.64 1.62 -0.02	21.95 1.00 -0.13	22.55 1.10 -0.28	22.83 1.22 -0.65	24.46 1.50 -0.94	24.56 1.36 -0.82	23.07 1.11 -0.66	22.78 1.23 -0.01	21.49 1.22 0.00
V_F_30_NSYNC___DSASP 323816	20.12 0.89 0.00	19.56 0.87 -0.84	18.44 0.83 -0.22	17.06 0.74 -0.30	18.51 0.86 0.00	19.75 0.89 0.00	24.27 1.20 0.00	29.99 1.04 -8.25	28.41 1.21 -3.39	29.58 1.29 -3.96	27.72 1.28 -2.24	27.91 1.23 -3.02	25.02 1.19 0.00	24.15 1.11 -0.45	22.58 0.95 -0.91	22.16 1.03 -0.13	22.85 1.00 -1.04	24.37 1.04 -2.16	27.03 1.05 -5.01	30.41 1.10 -7.29	29.89 1.16 -6.36	27.51 1.11 -5.10	22.67 1.06 -0.06	21.17 0.89 0.00
V_F_30_SYNC_DSASP 323786	20.14 0.90 0.00	19.52 0.86 -0.82	18.44 0.83 -0.21	17.05 0.74 -0.29	18.47 0.83 0.00	19.74 0.87 0.00	23.90 0.83 0.00	29.55 0.68 -8.16	28.01 0.86 -3.35	29.18 0.92 -3.92	27.28 0.87 -2.21	27.50 0.85 -2.99	24.71 0.88 -0.44	23.89 0.86 -0.90	22.38 0.77 -0.90	21.95 0.82 -0.12	22.61 0.77 -1.03	24.07 0.76 -2.14	26.66 0.73 -4.96	30.00 0.77 -7.21	29.44 0.78 -6.29	27.07 0.72 -5.05	22.38 0.78 -0.06	20.92 0.65 0.00
V_XM_10_SYNC_DSASP 323789	-6.79 -1.40 24.62	-6.82 -1.29 23.38	-6.77 -1.30 22.86	-6.79 -1.17 21.64	-6.70 -1.36 22.98	-6.66 -1.45 24.08	-6.56 -1.66 27.85	-6.59 -1.66 25.64	-6.48 -1.98 28.31	-6.51 -1.99 28.85	-6.54 -2.01 28.73	-6.57 -1.96 28.27	-6.52 -2.10 28.26	-6.57 -1.88 27.29	-6.69 -1.70 25.71	-6.77 -1.70 26.07	-6.79 -1.62 25.98	-6.77 -1.63 26.30	-6.66 -1.70 25.93	19.20 -1.63 1.19	20.96 -1.41 0.00	20.17 -1.13 0.00	20.54 -1.01 0.00	19.26 -1.01 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.72 1.48 0.00	19.79 1.30 -0.64	18.84 1.29 -0.17	17.45 1.20 -0.23	18.95 1.31 0.00	20.25 1.38 0.00	24.96 1.89 0.00	28.53 1.66 -6.16	28.29 1.95 -2.53	29.26 1.97 -2.96	27.83 1.96 -1.67	27.86 1.94 -2.26	25.81 1.98 0.00	24.78 1.85 -0.33	23.12 1.72 -0.68	22.86 1.76 -0.09	23.34 1.75 -0.77	24.56 1.78 -1.62	26.47 1.76 -3.75	29.32 1.85 -5.44	28.98 1.86 -4.75	26.84 1.73 -3.81	23.30 1.70 -0.05	21.80 1.52 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.06 1.79 -0.03	20.09 1.57 -0.67	19.10 1.53 -0.17	17.70 1.44 -0.24	19.20 1.55 0.00	20.51 1.64 0.00	25.32 2.24 -0.02	33.69 1.99 -10.99	37.66 2.33 -11.52	44.93 2.36 -18.24	35.83 2.35 -9.28	35.87 2.34 -9.86	36.12 2.38 -9.91	35.88 2.24 -11.05	33.87 2.07 -11.08	33.80 2.10 -10.70	33.90 2.10 -10.98	35.64 2.14 -12.33	35.92 2.10 -12.86	35.87 2.20 -11.64	34.00 2.19 -9.44	30.24 2.04 -6.90	28.43 2.03 -4.86	22.08 1.80 0.00
W50THST__13_KV_LOAD 356117	21.13 1.87 -0.03	20.14 1.62 -0.67	19.16 1.60 -0.17	17.76 1.51 -0.24	19.27 1.62 0.00	20.58 1.72 0.00	25.44 2.35 -0.02	33.81 2.11 -10.99	37.81 2.48 -11.53	45.11 2.53 -18.25	36.00 2.52 -9.28	36.02 2.48 -9.87	36.27 2.53 -9.91	36.02 2.37 -11.05	34.00 2.20 -11.09	33.94 2.23 -10.70	34.03 2.23 -10.99	35.77 2.26 -12.34	36.05 2.22 -12.87	35.98 2.31 -11.65	34.14 2.33 -9.44	30.33 2.13 -6.90	28.54 2.13 -4.86	22.18 1.91 0.00
WADING RIVER_IC_1 23522	21.52 2.27 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.22 1.95 -0.25	19.75 2.10 -0.01	20.95 2.08 -0.01	25.99 2.91 -0.02	29.88 2.55 -6.63	29.99 2.81 -3.37	30.26 2.75 -3.18	28.85 2.85 -1.80	29.04 2.93 -2.44	28.12 2.93 -1.36	27.64 2.66 -2.38	26.06 2.36 -2.98	24.68 2.50 -1.18	27.10 2.46 -3.83	28.56 2.77 -4.62	29.27 2.77 -5.53	31.35 2.86 -6.46	30.40 2.91 -5.12	28.89 2.53 -5.06	25.09 2.41 -1.13	22.55 2.25 -0.02

WADING RIVER_IC_2 23547	21.52 2.27 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.22 1.95 -0.25	19.75 2.10 -0.01	20.95 2.08 -0.01	25.99 2.91 -0.02	29.88 2.55 -6.63	29.99 2.81 -3.37	30.26 2.75 -3.18	28.85 2.85 -1.80	29.04 2.93 -2.44	28.12 2.93 -1.36	27.64 2.66 -2.38	26.06 2.36 -2.98	24.68 2.50 -1.18	27.10 2.46 -3.83	28.56 2.77 -4.62	29.27 2.77 -5.53	31.35 2.86 -6.46	30.40 2.91 -5.12	28.89 2.53 -5.06	25.09 2.41 -1.13	22.55 2.25 -0.02
WADING RIVER_IC_3 23601	21.52 2.27 -0.02	20.59 2.07 -0.68	19.59 2.02 -0.18	18.22 1.95 -0.25	19.75 2.10 -0.01	20.95 2.08 -0.01	25.99 2.91 -0.02	29.88 2.55 -6.63	29.99 2.81 -3.37	30.26 2.75 -3.18	28.85 2.85 -1.80	29.04 2.93 -2.44	28.12 2.93 -1.36	27.64 2.66 -2.38	26.06 2.36 -2.98	24.68 2.50 -1.18	27.10 2.46 -3.83	28.56 2.77 -4.62	29.27 2.77 -5.53	31.35 2.86 -6.46	30.40 2.91 -5.12	28.89 2.53 -5.06	25.09 2.41 -1.13	22.55 2.25 -0.02
WALDENNY_I2_KV_BK2 80841	18.49 -0.75 0.00	17.15 -0.82 -0.13	16.73 -0.70 -0.03	15.34 -0.72 -0.05	17.08 -0.56 0.00	18.38 -0.49 0.00	21.85 -1.22 0.00	20.29 -1.01 -0.60	22.93 -1.12 -0.25	23.40 -1.22 -0.29	23.20 -1.16 -0.16	22.68 -1.21 -0.22	23.00 -0.83 0.00	21.61 -1.02 -0.03	19.83 -0.95 -0.07	20.41 -0.61 -0.01	19.91 -0.98 -0.08	20.27 -1.06 -0.16	20.26 -1.07 -0.37	21.43 -1.12 -0.53	21.58 -1.25 -0.46	20.26 -1.41 -0.37	20.43 -1.12 0.00	19.65 -0.63 0.00
WALDEN___HYDRO 24148	20.66 1.42 0.00	19.75 1.27 -0.64	18.81 1.25 -0.17	17.40 1.15 -0.23	18.93 1.29 0.00	20.23 1.36 0.00	24.91 1.85 0.00	28.51 1.59 -6.20	28.21 1.86 -2.55	29.19 1.87 -2.98	27.70 1.82 -1.68	27.73 1.80 -2.27	25.69 1.86 0.00	24.65 1.72 -0.34	22.98 1.57 -0.68	22.74 1.64 -0.09	23.22 1.62 -0.78	24.44 1.65 -1.63	26.37 1.64 -3.77	29.27 1.76 -5.48	28.94 1.79 -4.78	26.84 1.70 -3.84	23.28 1.68 -0.05	21.78 1.50 0.00
WARRENSBURG___ 23737	19.87 0.63 0.00	19.35 0.66 -0.84	18.22 0.61 -0.22	16.83 0.51 -0.30	18.28 0.63 0.00	19.53 0.66 0.00	24.04 0.97 0.00	29.82 0.85 -8.26	28.22 1.02 -3.40	29.42 1.12 -3.97	27.53 1.09 -2.24	27.76 1.07 -3.03	24.81 0.98 0.00	23.90 0.86 -0.45	22.33 0.70 -0.91	21.91 0.78 -0.13	22.58 0.73 -1.04	24.12 0.78 -2.17	26.80 0.82 -5.02	30.18 0.86 -7.30	29.70 0.96 -6.37	27.33 0.92 -5.11	22.45 0.84 -0.06	20.92 0.65 0.00
WATERSIDE___6 8 9 23538	21.02 1.75 -0.03	20.09 1.57 -0.67	19.11 1.55 -0.17	17.68 1.43 -0.24	19.21 1.57 0.00	20.47 1.60 0.00	25.25 2.17 -0.02	33.70 1.91 -11.09	37.69 2.17 -11.72	45.08 2.17 -18.58	35.85 2.20 -9.45	35.87 2.18 -10.03	36.17 2.22 -10.13	35.96 2.08 -11.29	33.98 1.95 -11.31	33.94 2.00 -10.93	34.00 1.98 -11.21	35.72 1.99 -12.57	35.99 1.97 -13.06	35.87 2.07 -11.77	33.99 2.08 -9.54	30.22 1.96 -6.96	28.47 1.96 -4.96	22.06 1.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.71 -0.06 -0.53	18.21 -0.05 -0.41	17.73 -0.05 -0.40	16.29 -0.05 -0.32	17.97 -0.05 -0.38	19.05 -0.06 -0.24	23.62 -0.05 -0.60	21.13 -0.02 -0.44	24.25 -0.02 -0.46	24.86 0.02 -0.50	24.50 0.05 -0.25	23.90 0.07 -0.16	23.92 0.10 0.00	22.66 0.07 0.00	20.76 0.04 0.00	21.26 0.04 -0.21	21.07 0.04 -0.21	21.44 0.06 -0.21	21.30 0.08 -0.26	22.19 0.11 -0.06	22.46 0.09 0.00	21.36 0.06 0.00	21.61 0.06 0.00	20.32 0.04 0.00
WATSON___69_KV_BK 1 55734	21.63 2.39 -0.01	20.64 2.12 -0.67	19.65 2.09 -0.17	18.21 1.95 -0.24	19.80 2.15 0.00	21.06 2.19 0.00	26.07 3.00 -0.01	29.97 2.63 -6.63	30.18 3.00 -3.37	30.55 3.04 -3.17	29.02 3.03 -1.79	29.11 3.01 -2.44	28.22 3.03 -1.36	27.75 2.78 -2.38	26.23 2.53 -2.98	24.81 2.63 -1.18	27.27 2.62 -3.83	28.56 2.77 -4.61	29.22 2.75 -5.51	31.34 2.88 -6.43	30.42 2.93 -5.12	29.04 2.68 -5.06	25.30 2.63 -1.13	22.71 2.41 -0.02
WDELAWARE___HYD 323627	20.83 1.60 0.00	19.90 1.46 -0.59	18.99 1.44 -0.16	17.55 1.31 -0.21	19.13 1.48 0.00	20.45 1.59 0.00	25.17 2.10 0.00	28.14 1.86 -5.56	28.26 2.17 -2.29	29.24 2.24 -2.67	27.86 2.15 -1.51	27.83 2.13 -2.04	25.88 2.05 0.00	24.70 1.81 -0.30	22.99 1.66 -0.61	22.79 1.70 -0.08	23.22 1.71 -0.70	24.38 1.76 -1.46	26.09 1.74 -3.38	28.85 1.92 -4.92	28.58 1.92 -4.29	26.59 1.85 -3.44	23.38 1.79 -0.04	21.90 1.62 0.00
WEST BABYLON___IC 23714	21.51 2.27 -0.01	20.53 2.02 -0.67	19.55 1.98 -0.17	18.10 1.84 -0.24	19.67 2.03 0.00	20.94 2.08 0.00	25.91 2.84 -0.01	29.82 2.49 -6.63	30.01 2.83 -3.37	30.40 2.90 -3.17	28.85 2.86 -1.79	28.95 2.84 -2.44	28.05 2.86 -1.36	27.62 2.64 -2.38	26.12 2.42 -2.98	24.68 2.50 -1.18	27.14 2.50 -3.83	28.39 2.60 -4.61	29.03 2.58 -5.48	31.14 2.71 -6.41	30.24 2.75 -5.11	28.89 2.53 -5.06	25.17 2.50 -1.13	22.59 2.29 -0.02
WEST CANADA___HYD 24049	19.94 0.17 -0.53	18.42 0.16 -0.41	17.94 0.16 -0.40	16.48 0.14 -0.32	18.19 0.16 -0.38	19.28 0.17 -0.24	23.87 0.21 -0.60	21.33 0.19 -0.44	24.48 0.21 -0.46	25.05 0.22 -0.50	24.67 0.22 -0.25	24.06 0.24 -0.16	24.07 0.24 0.00	22.82 0.23 0.00	20.93 0.21 0.00	21.43 0.21 -0.21	21.23 0.21 -0.21	21.59 0.21 -0.21	21.43 0.21 -0.26	22.32 0.24 -0.06	22.59 0.22 0.00	21.51 0.21 0.00	21.76 0.22 0.00	20.46 0.18 0.00
WESTERN_NY_WIND 24143	18.58 -0.65 0.00	17.44 -0.52 -0.11	16.90 -0.52 -0.03	15.58 -0.48 -0.04	17.10 -0.55 0.00	18.45 -0.42 0.00	21.94 -1.13 0.00	20.60 -0.64 -0.53	23.40 -0.62 -0.22	23.86 -0.73 -0.25	23.67 -0.68 -0.14	23.10 -0.76 -0.19	23.11 -0.71 0.00	21.95 -0.68 -0.03	20.20 -0.58 -0.06	20.53 -0.48 -0.01	20.32 -0.56 -0.07	20.69 -0.61 -0.14	21.79 -0.61 -0.32	22.00 -0.70 -0.47	20.75 -0.78 -0.41	20.65 -0.87 -0.33	19.81 -0.90 0.00	-0.47 0.00
WESTOVER___LESR 323668	19.41 0.17 0.00	18.12 0.05 -0.23	17.55 0.10 -0.06	16.16 0.06 -0.08	17.82 0.18 0.00	19.11 0.25 0.00	23.28 0.21 0.00	21.87 0.08 -1.08	24.37 0.12 -0.44	24.95 0.10 -0.52	24.59 0.10 -0.29	24.15 0.09 -0.39	24.09 0.26 0.00	22.74 0.09 -0.06	20.88 0.04 -0.12	21.23 0.21 -0.02	20.99 0.04 -0.14	21.49 0.04 -0.28	21.67 0.04 -0.66	23.05 0.07 -0.96	23.23 0.02 -0.84	21.93 -0.04 -0.67	21.64 0.09 -0.01	20.50 0.22 0.00
WETHRSFD_WT_PWR 323626	18.22 -1.02 0.00	16.97 -1.02 -0.14	16.58 -0.85 -0.04	15.22 -0.85 -0.05	16.90 -0.74 0.00	18.15 -0.72 0.00	21.69 -1.38 0.00	20.11 -1.26 -0.67	22.65 -1.43 -0.27	23.17 -1.49 -0.32	22.90 -1.48 -0.18	22.39 -1.51 -0.24	22.59 -1.24 0.00	21.21 -1.42 -0.04	19.49 -1.30 -0.07	20.01 -1.01 -0.01	19.59 -1.31 -0.08	19.99 -1.36 -0.17	19.96 -1.40 -0.40	21.13 -1.48 -0.59	21.32 -1.57 -0.51	20.05 -1.66 -0.41	20.13 -1.42 -0.01	19.28 -0.99 0.00
WHAVSTOR_138KV_BK127 55557	20.66 1.42 0.00	19.75 1.27 -0.64	18.81 1.25 -0.17	17.42 1.17 -0.23	18.91 1.27 0.00	20.19 1.32 0.00	24.89 1.82 0.00	28.48 1.59 -6.17	28.22 1.88 -2.54	29.20 1.90 -2.97	27.76 1.89 -1.67	27.79 1.87 -2.26	25.74 1.91 0.00	24.71 1.78 -0.33	23.06 1.66 -0.68	22.80 1.70 -0.09	23.28 1.69 -0.78	24.50 1.71 -1.62	26.42 1.70 -3.75	29.26 1.78 -5.45	28.90 1.77 -4.76	26.78 1.66 -3.82	23.23 1.64 -0.05	21.74 1.46 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.66 1.42 0.00	19.75 1.27 -0.64	18.81 1.25 -0.17	17.42 1.17 -0.23	18.91 1.27 0.00	20.19 1.32 0.00	24.89 1.82 0.00	28.48 1.59 -6.17	28.22 1.88 -2.54	29.20 1.90 -2.97	27.76 1.89 -1.67	27.79 1.87 -2.26	25.74 1.91 0.00	24.71 1.78 -0.33	23.06 1.66 -0.68	22.80 1.70 -0.09	23.28 1.69 -0.78	24.50 1.71 -1.62	26.42 1.70 -3.75	29.26 1.78 -5.45	28.90 1.77 -4.76	26.78 1.66 -3.82	23.23 1.64 -0.05	21.74 1.46 0.00
WHITEHAL_115KV_TB1 80871	20.08 0.85 0.00	19.58 0.89 -0.84	18.41 0.80 -0.22	16.99 0.67 -0.30	18.47 0.83 0.00	19.75 0.89 0.00	24.36 1.29 0.00	30.08 1.12 -8.26	28.58 1.38 -3.39	29.78 1.48 -3.97	27.87 1.43 -2.24	28.06 1.37 -3.02	25.09 1.26 0.00	24.15 1.11 -0.45	22.54 0.91 -0.91	22.14 1.01 -0.13	22.79 0.94 -1.04	24.35 1.02 -2.16	27.05 1.07 -5.02	30.46 1.15 -7.29	30.01 1.28 -6.36	27.62 1.21 -5.11	22.73 1.12 -0.06	21.15 0.87 0.00
WHITEPLN_13_KV_LOAD 356215	21.01 1.77 0.00	20.07 1.55 -0.67	19.09 1.53 -0.17	17.68 1.43 -0.24	19.20 1.55 0.00	20.49 1.62 0.00	25.31 2.24 0.00	29.29 1.99 -6.59	28.87 2.36 -2.71	29.91 2.41 -3.17	28.38 2.40 -1.79	28.47 2.39 -2.41	26.26 2.43 0.00	25.21 2.26 -0.36	23.56 2.11 -0.73	23.25 2.14 -0.10	23.79 2.14 -0.83	25.05 2.16 -1.73	27.09 2.12 -4.01	30.05 2.20 -5.82	29.67 2.21 -5.08	27.40 2.02 -4.08	23.62 2.03 -0.05	22.06 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	21.61 2.37 -0.01	20.66 2.14 -0.67	19.67 2.10 -0.17	18.26 2.00 -0.24	19.81 2.17 0.00	21.04 2.17 0.00	26.12 3.05 -0.01	29.97 2.63 -6.63	30.13 2.95 -3.37	30.45 2.94 -3.17	28.97 2.98 -1.79	29.14 3.03 -2.44	28.22 3.03 -1.36	27.73 2.76 -2.38	26.16 2.47 -2.98	24.79 2.60 -1.18	27.21 2.56 -3.83	28.62 2.84 -4.62	29.33 2.83 -5.54	31.44 2.95 -6.46	30.49 3.00 -5.12	29.02 2.66 -5.06	25.22 2.54 -1.13	22.67 2.37 -0.02
WOODARD__115KV_TB2 355635	18.97 -0.27 0.00	17.67 -0.25 -0.07	17.17 -0.24 -0.02	15.82 -0.22 -0.03	17.38 -0.26 0.00	18.64 -0.23 0.00	22.75 -0.32 0.00	20.85 -0.21 -0.34	23.73 -0.21 -0.14	24.28 -0.22 -0.17	24.10 -0.19 -0.09	23.60 -0.19 -0.13	23.64 -0.19 0.00	22.41 -0.20 -0.02	20.57 -0.19 -0.04	20.80 -0.21 -0.01	20.59 -0.27 -0.04	20.98 -0.28 -0.09	20.90 -0.27 -0.21	22.04 -0.29 -0.30	22.34 -0.29 -0.26	21.23 -0.28 -0.21	21.29 -0.26 0.00	20.11 -0.16 0.00
YORK___WARBASSE 23770	21.18 1.90 -0.04	20.23 1.71 -0.67	19.22 1.65 -0.17	17.80 1.54 -0.24	19.34 1.69 0.00	20.58 1.72 0.00	25.37 2.28 -0.02	33.80 2.01 -11.09	37.74 2.21 -11.72	45.15 2.24 -18.58	35.90 2.25 -9.45	35.92 2.22 -10.03	36.22 2.26 -10.13	36.03 2.15 -11.29	34.08 2.05 -11.31	34.04 2.10 -10.93	34.13 2.10 -11.21	35.81 2.07 -12.57	36.10 2.08 -13.06	35.95 2.16 -11.77	34.12 2.21 -9.54	30.37 2.11 -6.96	28.65 2.13 -4.97	22.23 1.95 -0.01