

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		03/13/2024																										
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	EDT	19.91	18.15	17.79	17.73	18.49	21.91	28.33	34.36	30.39	24.12	20.56	19.89	19.23	18.89	18.43	18.83	20.40	23.91	29.68	34.08	31.42	25.57	21.35	20.06			
		0.45	0.36	0.40	0.38	0.36	0.39	0.82	1.73	1.22	1.08	0.90	0.84	0.83	0.92	0.98	1.00	0.95	1.18	1.41	1.96	1.50	0.98	0.64	0.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260		20.07	18.20	17.82	17.77	18.53	21.97	28.36	34.36	30.42	24.12	20.56	19.89	19.23	18.89	18.43	18.83	20.40	23.94	29.68	34.18	31.42	25.61	21.46	20.10			
		0.60	0.41	0.43	0.42	0.40	0.45	0.85	1.73	1.25	1.08	0.90	0.84	0.83	0.92	0.98	1.00	0.95	1.20	1.41	2.06	1.50	1.03	0.75	0.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261		20.07	18.20	17.82	17.77	18.53	21.97	28.36	34.36	30.42	24.12	20.56	19.89	19.23	18.89	18.43	18.83	20.40	23.94	29.68	34.18	31.42	25.61	21.46	20.10			
		0.60	0.41	0.43	0.42	0.40	0.45	0.85	1.73	1.25	1.08	0.90	0.84	0.83	0.92	0.98	1.00	0.95	1.20	1.41	2.06	1.50	1.03	0.75	0.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011		20.17	18.40	17.96	17.94	18.74	22.40	28.97	34.62	30.54	23.93	20.36	19.68	19.01	18.53	18.00	18.44	20.15	23.66	29.62	33.85	31.45	25.66	21.48	20.18			
		0.70	0.60	0.57	0.59	0.62	0.88	1.46	1.99	1.37	0.90	0.71	0.63	0.61	0.56	0.54	0.61	0.70	0.93	1.36	1.73	1.53	1.08	0.77	0.49			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798		20.21	18.45	18.01	18.00	18.82	22.51	29.13	34.78	30.69	24.05	20.44	19.74	19.07	18.56	18.05	18.49	20.21	23.73	29.74	33.95	31.60	25.74	21.48	20.24			
		0.74	0.66	0.63	0.64	0.69	0.99	1.62	2.15	1.52	1.01	0.79	0.68	0.66	0.59	0.59	0.66	0.76	1.00	1.47	1.83	1.67	1.16	0.77	0.55			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028		20.17	18.40	17.96	17.94	18.74	22.40	28.97	34.62	30.54	23.93	20.36	19.68	19.01	18.53	18.00	18.44	20.15	23.66	29.62	33.85	31.45	25.66	21.48	20.18			
		0.70	0.60	0.57	0.59	0.62	0.88	1.46	1.99	1.37	0.90	0.71	0.63	0.61	0.56	0.54	0.61	0.70	0.93	1.36	1.73	1.53	1.08	0.77	0.49			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527		19.70	18.09	17.68	17.70	18.49	21.97	28.44	34.16	30.08	23.52	20.06	19.55	18.88	18.40	17.91	18.33	20.03	23.37	29.23	33.24	30.94	25.32	21.04	19.82			
		0.23	0.30	0.30	0.35	0.36	0.45	0.94	1.53	0.91	0.48	0.41	0.49	0.48	0.43	0.45	0.50	0.58	0.64	0.96	1.12	1.02	0.74	0.33	0.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190		19.91	18.20	17.77	17.75	18.53	22.04	28.33	33.93	30.02	23.61	20.14	19.55	18.88	18.42	17.93	18.23	19.88	23.23	28.95	33.08	30.64	25.12	21.11	19.86			
		0.45	0.41	0.38	0.40	0.40	0.52	0.83	1.31	0.85	0.58	0.49	0.50	0.48	0.45	0.47	0.39	0.43	0.50	0.68	0.96	0.72	0.54	0.39	0.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683		19.50	17.81	17.39	17.34	18.09	21.46	27.45	32.24	29.08	23.01	19.63	19.02	18.37	17.93	17.40	17.78	19.43	22.73	28.30	31.77	29.93	24.66	20.73	19.69			
		0.04	0.02	0.00	-0.02	-0.04	-0.06	-0.06	-0.39	-0.09	-0.02	-0.02	-0.04	-0.04	-0.04	-0.05	-0.05	-0.02	0.00	0.03	-0.35	0.00	0.07	0.02	0.00			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833		20.09	18.38	17.96	17.93	18.73	22.25	28.61	34.16	30.22	23.72	20.22	19.59	18.92	18.45	17.95	-14.49	7.69	22.88	28.54	32.54	30.29	24.78	20.77	19.67			
		0.62	0.59	0.57	0.57	0.60	0.73	1.10	1.53	1.05	0.69	0.57	0.53	0.51	0.49	0.49	0.11	0.14	0.16	0.28	0.42	0.36	0.20	0.06	-0.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.43	11.90	0.01	0.01	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834		20.09	18.36	17.94	17.93	18.71	22.25	28.58	34.16	30.22	23.72	20.20	19.57	18.92	18.45	17.95	-14.43	7.71	22.88	28.54	32.54	30.29	24.78	20.77	19.67			
		0.62	0.57	0.56	0.57	0.58	0.73	1.07	1.53	1.05	0.69	0.55	0.51	0.51	0.49	0.49	0.11	0.14	0.16	0.28	0.42	0.36	0.20	0.06	-0.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.37	11.87	0.01	0.01	0.00	0.00	0.00	0.00			
ALBANY___1 23571		19.91	18.20	17.77	17.75	18.53	22.04	28.33	33.93	30.02	23.61	20.14	19.55	18.88	18.42	17.93	18.23	19.88	23.23	28.95	33.08	30.64	25.12	21.11	19.86			
		0.45	0.41	0.38	0.40	0.40	0.52	0.83	1.31	0.85	0.58	0.49	0.50	0.48	0.45	0.47	0.39	0.43	0.50	0.68	0.96	0.72	0.54	0.39	0.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	19.91 0.45 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.04 0.52 0.00	28.33 0.83 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.50 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.23 0.39 0.00	19.88 0.43 0.00	23.23 0.50 0.00	28.95 0.68 0.00	33.08 0.96 0.00	30.64 0.72 0.00	25.12 0.54 0.00	21.11 0.39 0.00	19.86 0.18 0.00
ALBANY___3 23573	19.91 0.45 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.04 0.52 0.00	28.33 0.83 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.50 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.23 0.39 0.00	19.88 0.43 0.00	23.23 0.50 0.00	28.95 0.68 0.00	33.08 0.96 0.00	30.64 0.72 0.00	25.12 0.54 0.00	21.11 0.39 0.00	19.86 0.18 0.00
ALBANY___4 23574	19.91 0.45 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.04 0.52 0.00	28.33 0.83 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.50 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.23 0.39 0.00	19.88 0.43 0.00	23.23 0.50 0.00	28.95 0.68 0.00	33.08 0.96 0.00	30.64 0.72 0.00	25.12 0.54 0.00	21.11 0.39 0.00	19.86 0.18 0.00
ALBANY___LFGE 323615	19.99 0.53 0.00	18.29 0.50 0.00	17.87 0.49 0.00	17.86 0.50 0.00	18.63 0.51 0.00	22.17 0.65 0.00	28.53 1.02 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.77 0.74 0.00	20.28 0.63 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.03 0.58 0.00	18.35 0.52 0.00	20.02 0.56 0.00	23.39 0.66 0.00	29.17 0.90 0.00	33.24 1.12 0.00	30.88 0.96 0.00	25.27 0.69 0.00	21.13 0.41 0.00	19.98 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	19.54 0.08 0.00	17.84 0.05 0.00	17.42 0.03 0.00	17.35 0.00 0.00	18.13 0.00 0.00	21.50 -0.02 0.00	27.51 0.00 0.00	32.30 -0.33 0.00	29.14 -0.03 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.39 -0.02 0.00	17.93 -0.04 0.00	17.42 -0.03 0.00	17.78 -0.05 0.00	19.45 0.00 0.00	22.78 0.05 0.00	28.35 0.08 0.00	31.86 -0.26 0.00	29.99 0.06 0.00	24.71 0.12 0.00	20.79 0.08 0.00	19.73 0.04 0.00
ALCOA_RYNLDS___DRP 24188	19.54 0.08 0.00	17.84 0.05 0.00	17.42 0.03 0.00	17.35 0.00 0.00	18.13 0.00 0.00	21.50 -0.02 0.00	27.51 0.00 0.00	32.30 -0.33 0.00	29.14 -0.03 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.39 -0.02 0.00	17.93 0.00 0.00	17.42 -0.03 0.00	17.78 -0.05 0.00	19.45 0.00 0.00	22.78 0.05 0.00	28.35 0.08 0.00	31.86 -0.26 0.00	29.99 0.06 0.00	24.71 0.12 0.00	20.79 0.08 0.00	19.73 0.04 0.00
ALCOA___DSASP 323711	19.52 0.06 0.00	17.84 0.05 0.00	17.42 0.03 0.00	17.35 0.00 0.00	18.13 0.00 0.00	21.50 -0.02 0.00	27.51 0.00 0.00	32.30 -0.33 0.00	29.14 -0.03 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.39 -0.02 0.00	17.93 -0.04 0.00	17.42 -0.03 0.00	17.78 -0.05 0.00	19.45 0.00 0.00	22.78 0.05 0.00	28.32 0.06 0.00	31.83 -0.29 0.00	29.99 0.06 0.00	24.71 0.12 0.00	20.77 0.06 0.00	19.73 0.04 0.00
ALLEGHENY___COGEN 23514	19.68 0.21 0.00	18.01 0.21 0.00	17.56 0.17 0.00	17.51 0.16 0.00	18.35 0.22 0.00	21.31 -0.22 0.00	26.82 -0.69 0.00	31.71 -0.91 0.00	28.21 -0.96 0.00	22.46 -0.57 0.00	18.96 -0.69 0.00	18.88 -0.17 0.00	18.02 -0.39 0.00	17.49 -0.48 0.00	16.99 -0.47 0.00	17.40 -0.43 0.00	19.14 -0.31 0.00	21.98 -0.75 0.00	27.42 -0.85 0.00	32.09 -0.03 0.00	29.39 -0.54 0.00	24.24 -0.34 0.00	20.50 -0.21 0.00	19.77 0.08 0.00
ALTAMONT_115KV_TB 2 55880	19.76 0.29 0.00	18.04 0.25 0.00	17.63 0.24 0.00	17.61 0.26 0.00	18.40 0.27 0.00	21.87 0.34 0.00	28.09 0.58 0.00	33.61 0.98 0.00	29.78 0.61 0.00	23.42 0.39 0.00	19.99 0.33 0.00	19.40 0.34 0.00	18.74 0.33 0.00	18.29 0.32 0.00	17.79 0.33 0.00	20.84 0.29 -2.73	20.74 0.29 -1.00	23.07 0.34 0.00	28.75 0.48 0.00	32.86 0.74 0.00	30.46 0.54 0.00	24.95 0.37 0.00	20.98 0.27 0.00	19.78 0.10 0.00
ALTONA_WT_PWR 323606	20.15 0.68 0.00	18.18 0.39 0.00	17.75 0.37 0.00	17.65 0.29 0.00	18.42 0.29 0.00	21.80 0.28 0.00	27.95 0.44 0.00	32.79 0.16 0.00	29.55 0.38 0.00	23.40 0.37 0.00	19.99 0.33 0.00	19.32 0.27 0.00	18.68 0.28 0.00	18.22 0.25 0.00	17.68 0.23 0.00	18.06 0.23 0.00	19.78 0.33 0.00	23.23 0.50 0.00	28.89 0.62 0.00	32.47 0.35 0.00	30.49 0.57 0.00	25.44 0.86 0.00	21.35 0.64 0.00	20.30 0.61 0.00
AMERICAN_REF_FUEL 24010	17.73 -1.73 0.00	16.24 -1.55 0.00	15.81 -1.58 0.00	15.86 -1.49 0.00	16.61 -1.52 0.00	19.93 -1.59 0.00	24.26 -3.25 0.00	27.93 -4.70 0.00	25.58 -3.59 0.00	20.61 -2.42 0.00	17.63 -2.02 0.00	17.09 -1.96 0.00	16.42 -1.99 0.00	15.99 -1.98 0.00	15.48 -1.97 0.00	15.85 -1.98 0.00	17.56 -1.89 0.00	20.48 -2.25 0.00	24.96 -3.31 0.00	29.04 -3.08 0.00	26.30 -3.62 0.00	21.95 -2.63 0.00	18.85 -1.86 0.00	18.68 -1.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.20 -1.26 0.00	16.62 -1.17 0.00	16.17 -1.22 0.00	16.29 -1.06 0.00	17.04 -1.09 0.00	20.45 -1.08 0.00	25.28 -2.23 0.00	29.20 -3.43 0.00	26.69 -2.48 0.00	21.49 -1.54 0.00	18.41 -1.24 0.00	17.87 -1.18 0.00	17.19 -1.22 0.00	16.77 -1.20 0.00	16.20 -1.26 0.00	16.58 -1.25 0.00	18.42 -1.03 0.00	21.50 -1.23 0.00	26.40 -1.87 0.00	30.77 -1.35 0.00	27.92 -2.00 0.00	23.23 -1.35 0.00	19.88 -0.83 0.00	19.67 -0.02 0.00
ARTHUR KILL_GT_1 23520	20.21 0.74 0.00	18.34 0.55 0.00	18.00 0.61 0.00	17.93 0.57 0.00	18.67 0.54 0.00	21.97 0.45 0.00	28.28 0.77 0.00	33.86 1.24 0.01	30.31 1.14 0.00	24.00 0.97 0.00	20.44 0.79 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.80 0.83 0.00	18.36 0.91 0.00	18.78 0.94 0.00	20.33 0.88 0.00	23.94 1.20 0.00	29.74 1.47 0.00	33.78 1.67 0.01	31.54 1.61 0.00	25.61 1.03 0.00	21.46 0.74 0.00	20.26 0.57 0.00
ARTHUR_KILL_2 23512	20.15 0.68 0.00	18.31 0.52 0.00	17.94 0.56 0.00	17.87 0.52 0.00	18.62 0.49 0.00	21.91 0.39 0.00	28.22 0.71 0.00	33.79 1.17 0.01	30.22 1.05 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.70 0.65 0.00	19.07 0.66 0.00	18.76 0.79 0.00	18.33 0.87 0.00	18.74 0.91 0.00	20.29 0.84 0.00	23.87 1.14 0.00	29.65 1.38 0.00	33.69 1.57 0.01	31.45 1.53 0.00	25.54 0.96 0.00	21.39 0.68 0.00	20.20 0.51 0.00
ARTHUR_KILL_3 23513	19.74 0.27 0.00	17.99 0.20 0.00	17.63 0.24 0.00	17.58 0.23 0.00	18.33 0.20 0.00	21.72 0.19 0.00	28.09 0.58 0.00	34.00 1.37 0.00	30.08 0.91 0.00	23.86 0.83 0.00	20.36 0.71 0.00	19.70 0.65 0.00	19.07 0.66 0.00	18.71 0.74 0.00	18.26 0.80 0.00	18.65 0.82 0.00	20.21 0.76 0.00	23.69 0.95 0.00	29.40 1.13 0.00	33.76 1.64 0.00	31.12 1.20 0.00	25.32 0.74 0.00	21.15 0.44 0.00	19.88 0.20 0.00

ARTHUR_KILL_COGEN 323718	20.21 0.74 0.00	18.34 0.55 0.00	18.00 0.61 0.00	17.93 0.57 0.00	18.67 0.54 0.00	21.97 0.45 0.00	28.28 0.77 0.00	33.86 1.24 0.01	30.31 1.14 0.00	24.00 0.97 0.00	20.44 0.79 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.80 0.83 0.00	18.36 0.91 0.00	18.78 0.94 0.00	20.33 0.88 0.00	23.94 1.20 0.00	29.74 1.47 0.00	33.78 1.67 0.01	31.54 1.61 0.00	25.61 1.03 0.00	21.46 0.74 0.00	20.26 0.57 0.00
ASHOKAN____ 23654	20.25 0.78 0.00	18.43 0.64 0.00	18.03 0.64 0.00	18.00 0.64 0.00	18.78 0.65 0.00	22.23 0.71 0.00	28.58 1.07 0.00	34.23 1.60 0.00	29.99 0.82 0.00	23.31 0.28 0.00	19.75 0.10 0.00	19.11 0.06 0.00	18.48 0.07 0.00	18.04 0.07 0.00	17.58 0.12 0.00	-14.50 0.78 33.12	8.12 0.82 12.15	23.51 0.80 0.01	28.82 0.57 0.01	32.95 0.83 0.00	30.58 0.66 0.00	25.10 0.52 0.00	20.98 0.27 0.00	19.96 0.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.03 0.56 0.00	18.24 0.44 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.54 0.42 0.00	21.69 0.17 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.10 0.93 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.83 0.86 0.00	18.38 0.92 0.00	18.78 0.94 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.10 0.41 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.03 0.56 0.00	18.24 0.44 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.54 0.42 0.00	21.69 0.17 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.10 0.93 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.83 0.86 0.00	18.38 0.92 0.00	18.78 0.94 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.10 0.41 0.00
ASTORIA_GT2_1 24094	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT2_2 24095	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT2_3 24096	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT2_4 24097	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT3_1 24098	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT3_2 24099	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT3_3 24100	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT3_4 24101	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT4_1 24102	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT4_2 24103	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT4_3 24104	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00

ASTORIA_GT4_4 24105	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.44 0.00	21.74 0.22 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.91 0.88 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.27 0.82 0.00	23.78 1.05 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.39 0.81 0.00	21.29 0.58 0.00	20.10 0.41 0.00
ASTORIA_GT_1 23523	20.07 0.60 0.00	18.27 0.48 0.00	17.93 0.54 0.00	17.84 0.49 0.00	18.58 0.45 0.00	21.74 0.22 0.00	28.08 0.58 0.01	34.05 1.43 0.01	30.18 1.02 0.01	23.95 0.92 0.01	20.43 0.79 0.01	19.79 0.74 0.01	19.15 0.75 0.01	18.87 0.90 0.00	18.42 0.96 0.00	18.81 0.98 0.00	20.30 0.85 0.01	23.81 1.09 0.01	29.50 1.24 0.01	33.85 1.73 0.01	31.23 1.32 0.01	25.38 0.81 0.01	21.25 0.54 0.00	20.14 0.45 0.00
ASTORIA_GT_10 24110	20.07 0.60 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
ASTORIA_GT_11 24225	20.07 0.60 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
ASTORIA_GT_12 24226	20.07 0.60 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
ASTORIA_GT_13 24227	20.07 0.60 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
ASTORIA_GT_5 24106	20.19 0.72 0.00	18.29 0.50 0.00	17.93 0.54 0.00	17.84 0.49 0.00	18.58 0.45 0.00	21.78 0.26 0.00	28.09 0.58 0.00	34.06 1.44 0.00	30.19 1.02 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.81 0.98 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.51 1.24 0.00	33.92 1.80 0.00	31.21 1.29 0.00	25.42 0.84 0.00	21.33 0.62 0.00	20.14 0.45 0.00
ASTORIA_GT_7 24107	20.19 0.72 0.00	18.29 0.50 0.00	17.93 0.54 0.00	17.84 0.49 0.00	18.58 0.45 0.00	21.78 0.26 0.00	28.09 0.58 0.00	34.06 1.44 0.00	30.19 1.02 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.81 0.98 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.51 1.24 0.00	33.92 1.80 0.00	31.21 1.29 0.00	25.42 0.84 0.00	21.33 0.62 0.00	20.14 0.45 0.00
ASTORIA_GT_8 24108	20.19 0.72 0.00	18.29 0.50 0.00	17.93 0.54 0.00	17.84 0.49 0.00	18.58 0.45 0.00	21.78 0.26 0.00	28.09 0.58 0.00	34.06 1.44 0.00	30.19 1.02 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.81 0.98 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.51 1.24 0.00	33.92 1.80 0.00	31.21 1.29 0.00	25.42 0.84 0.00	21.33 0.62 0.00	20.14 0.45 0.00
ASTORIA___2 24149	20.03 0.56 0.00	18.25 0.46 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.56 0.43 0.00	21.72 0.19 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.12 0.96 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.10 0.41 0.00
ASTORIA___3 23516	19.95 0.49 0.00	18.16 0.37 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.80 0.28 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.30 1.38 0.00	25.44 0.86 0.00	21.27 0.56 0.00	20.06 0.37 0.00
ASTORIA___4 23517	20.07 0.60 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
ASTORIA___5 23518	19.95 0.49 0.00	18.16 0.37 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.80 0.28 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.30 1.38 0.00	25.44 0.86 0.00	21.27 0.56 0.00	20.06 0.37 0.00
AST_ENERGY_2_CC3 323677	19.82 0.35 0.00	18.06 0.27 0.00	17.70 0.31 0.00	17.67 0.31 0.00	18.40 0.27 0.00	21.78 0.26 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.16 0.99 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.27 0.82 0.00	23.76 1.02 0.00	29.48 1.21 0.00	33.85 1.73 0.00	31.21 1.29 0.00	25.39 0.81 0.00	21.23 0.52 0.00	19.96 0.28 0.00
AST_ENERGY_2_CC4 323678	19.82 0.35 0.00	18.06 0.27 0.00	17.70 0.31 0.00	17.67 0.31 0.00	18.40 0.27 0.00	21.78 0.26 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.16 0.99 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.27 0.82 0.00	23.76 1.02 0.00	29.48 1.21 0.00	33.85 1.73 0.00	31.21 1.29 0.00	25.39 0.81 0.00	21.23 0.52 0.00	19.96 0.28 0.00

ATHENS_STG_1 23668	19.66 0.19 0.00	17.97 0.18 0.00	17.58 0.19 0.00	17.54 0.19 0.00	18.31 0.18 0.00	21.74 0.22 0.00	27.97 0.47 0.00	33.61 0.98 0.00	29.75 0.58 0.00	23.45 0.42 0.00	20.01 0.35 0.00	19.40 0.34 0.00	18.75 0.35 0.00	18.33 0.36 0.00	17.84 0.38 0.00	18.22 0.39 0.00	19.84 0.39 0.00	23.21 0.48 0.00	28.89 0.62 0.00	33.02 0.90 0.00	30.58 0.66 0.00	25.03 0.44 0.00	20.94 0.23 0.00	19.78 0.10 0.00
ATHENS_STG_2 23670	19.66 0.19 0.00	17.97 0.18 0.00	17.58 0.19 0.00	17.54 0.19 0.00	18.31 0.18 0.00	21.74 0.22 0.00	27.97 0.47 0.00	33.61 0.98 0.00	29.75 0.58 0.00	23.45 0.42 0.00	20.01 0.35 0.00	19.40 0.34 0.00	18.75 0.35 0.00	18.33 0.36 0.00	17.84 0.38 0.00	18.22 0.39 0.00	19.84 0.39 0.00	23.21 0.48 0.00	28.89 0.62 0.00	33.02 0.90 0.00	30.58 0.66 0.00	25.03 0.44 0.00	20.94 0.23 0.00	19.78 0.10 0.00
ATHENS_STG_3 23677	19.66 0.19 0.00	17.97 0.18 0.00	17.58 0.19 0.00	17.54 0.19 0.00	18.31 0.18 0.00	21.74 0.22 0.00	27.97 0.47 0.00	33.61 0.98 0.00	29.75 0.58 0.00	23.45 0.42 0.00	20.01 0.35 0.00	19.40 0.34 0.00	18.75 0.35 0.00	18.33 0.36 0.00	17.84 0.38 0.00	18.22 0.39 0.00	19.84 0.39 0.00	23.21 0.48 0.00	28.89 0.62 0.00	33.02 0.90 0.00	30.58 0.66 0.00	25.03 0.44 0.00	20.94 0.23 0.00	19.78 0.10 0.00
AUBURN___LFGE 323710	19.37 -0.10 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.57 0.04 0.00	27.40 -0.11 0.00	33.02 0.39 0.00	29.72 0.55 0.00	23.19 0.16 0.00	19.75 0.10 0.00	19.13 0.08 0.00	18.44 0.04 0.00	17.97 0.00 0.00	17.42 -0.03 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	28.21 -0.06 0.00	32.31 0.19 0.00	29.96 0.03 0.00	24.61 0.02 0.00	20.82 0.10 0.00	20.00 0.31 0.00
BABYLON_RES_REC 323704	20.15 0.68 0.00	18.34 0.55 0.00	17.98 0.59 0.00	17.87 0.52 0.00	18.71 0.58 0.00	22.19 0.67 0.00	30.10 1.48 -1.10	34.81 2.19 0.00	30.71 1.54 0.00	24.35 1.31 0.00	20.71 1.06 0.00	20.01 0.95 0.00	19.25 0.85 0.00	18.78 0.81 0.00	18.36 0.91 0.00	18.83 1.00 0.00	20.62 1.17 0.00	24.17 1.43 0.00	29.88 1.61 0.00	34.40 2.28 0.00	31.84 1.92 0.00	27.23 1.47 -1.18	23.84 1.08 -2.05	20.34 0.65 0.00
BABYLON__69_KV_BK2 356345	20.42 0.95 0.00	18.50 0.71 0.00	18.12 0.73 0.00	18.03 0.68 0.00	18.85 0.73 0.00	22.43 0.90 0.00	30.36 1.76 -1.10	35.11 2.48 0.00	30.95 1.78 0.00	24.55 1.52 0.00	20.89 1.24 0.00	20.16 1.11 0.00	19.38 0.98 0.00	18.89 0.92 0.00	18.47 1.01 0.00	18.96 1.12 0.00	20.77 1.32 0.00	24.37 1.64 0.00	30.11 1.84 0.00	34.75 2.63 0.00	32.05 2.12 0.00	27.54 1.79 -1.17	24.10 1.37 -2.02	20.51 0.83 0.00
BALL_HILL_WT_PWR 323825	18.32 -1.15 0.00	16.78 -1.01 0.00	16.33 -1.06 0.00	16.40 -0.95 0.00	17.18 -0.94 0.00	20.58 -0.95 0.00	25.33 -2.17 0.00	29.30 -3.33 0.00	26.69 -2.48 0.00	21.49 -1.54 0.00	18.37 -1.28 0.00	17.82 -1.24 0.00	17.12 -1.29 0.00	16.68 -1.29 0.00	16.13 -1.33 0.00	16.51 -1.32 0.00	18.32 -1.13 0.00	21.37 -1.36 0.00	26.18 -2.09 0.00	30.52 -1.61 0.00	27.68 -2.24 0.00	23.01 -1.57 0.00	19.68 -1.03 0.00	19.43 -0.26 0.00
BARON_WINDS___WT_PWR 323822	19.52 0.06 0.00	17.83 0.04 0.00	17.41 0.02 0.00	17.37 0.02 0.00	18.22 0.09 0.00	21.61 0.09 0.00	27.40 -0.11 0.00	32.56 -0.07 0.00	29.14 -0.03 0.00	23.13 0.09 0.00	19.69 0.04 0.00	19.11 0.06 0.00	18.40 0.00 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.76 -0.07 0.00	19.37 -0.08 0.00	22.62 -0.11 0.00	28.10 -0.17 0.00	32.54 0.42 0.00	29.84 -0.09 0.00	24.56 -0.02 0.00	20.77 0.06 0.00	20.04 0.35 0.00
BARRETT_IC_1 23704	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_10 23701	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_11 23702	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_12 23703	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_2 23705	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_3 23706	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_4 23707	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01

BARRETT_IC_5 23708	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_6 23709	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_7 23710	20.19 0.72 0.00	18.31 0.52 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.17 0.65 0.00	29.84 1.24 -1.10	34.52 1.89 0.00	30.54 1.37 0.00	24.25 1.22 0.00	20.65 1.00 0.00	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.52 1.07 0.00	24.05 1.32 0.00	29.65 1.39 0.00	34.18 2.06 0.00	31.45 1.53 0.00	27.05 1.30 -1.17	25.38 0.89 -3.77	20.26 0.57 0.00
BARRETT_IC_8 23711	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT_IC_9 23700	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT___1 23545	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BARRETT___2 23546	20.09 0.62 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.12 0.60 0.00	29.86 1.24 -1.11	34.52 1.89 0.00	30.54 1.37 0.00	24.26 1.22 -0.01	20.66 1.00 -0.01	19.97 0.91 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.81 0.98 0.00	20.53 1.07 -0.01	24.06 1.32 -0.01	29.65 1.38 0.00	34.11 1.99 0.00	31.51 1.58 0.00	27.02 1.25 -1.18	25.30 0.81 -3.78	20.27 0.57 -0.01
BATAVIA__115KV_TB1 55881	18.06 -1.40 0.00	16.83 -0.96 0.00	16.47 -0.92 0.00	16.49 -0.87 0.00	17.26 -0.87 0.00	20.55 -0.97 0.00	25.53 -1.98 0.00	29.95 -2.68 0.00	27.27 -1.90 0.00	21.86 -1.17 0.00	18.55 -1.10 0.00	17.84 -1.22 0.00	17.13 -1.27 0.00	16.71 -1.26 0.00	16.17 -1.29 0.00	16.55 -1.28 0.00	18.32 -1.13 0.00	21.46 -1.27 0.00	26.29 -1.98 0.00	30.10 -2.02 0.00	27.80 -2.12 0.00	23.08 -1.50 0.00	19.68 -1.04 0.00	19.39 -0.30 0.00
BAYONEEC___CTG1 323682	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG10 323750	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG2 323683	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG3 323684	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG4 323685	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG5 323686	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG6 323687	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00

BAYONEEC___CTG7 323688	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG8 323689	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BAYONEEC___CTG9 323749	19.83 0.37 0.00	18.07 0.28 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.12 0.72 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BEACON___LESR 323632	20.15 0.68 0.00	18.43 0.64 0.00	18.00 0.61 0.00	17.98 0.62 0.00	18.76 0.63 0.00	22.32 0.80 0.00	28.77 1.27 0.00	34.45 1.83 0.00	30.45 1.28 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.07 0.66 0.00	18.60 0.63 0.00	18.08 0.63 0.00	16.15 0.57 2.25	19.27 0.64 0.83	23.48 0.75 0.00	29.26 0.99 0.00	33.34 1.22 0.00	31.00 1.08 0.00	25.37 0.79 0.00	21.21 0.50 0.00	20.04 0.35 0.00
BEAVER RIVER___HYD 24048	18.92 -0.54 0.00	17.24 -0.55 0.00	16.87 -0.52 0.00	16.83 -0.52 0.00	17.62 -0.51 0.00	21.05 -0.47 0.00	26.93 -0.58 0.00	32.04 -0.59 0.00	28.50 -0.67 0.00	22.39 -0.64 0.00	18.96 -0.69 0.00	18.35 -0.70 0.00	17.69 -0.72 0.00	17.27 -0.70 0.00	16.78 -0.68 0.00	17.16 -0.68 0.00	18.83 -0.62 0.00	22.25 -0.48 0.00	27.93 -0.34 0.00	32.06 -0.06 0.00	29.78 -0.15 0.00	24.46 -0.12 0.00	20.57 -0.14 0.00	19.49 -0.20 0.00
BEEBEE_GT_13 23619	18.43 -1.03 0.00	17.06 -0.73 0.00	16.69 -0.70 0.00	16.68 -0.68 0.00	17.46 -0.67 0.00	20.75 -0.77 0.00	25.99 -1.51 0.00	30.57 -2.06 0.00	27.65 -1.52 0.00	22.07 -0.97 0.00	18.75 -0.90 0.00	18.20 -0.86 0.00	17.50 -0.90 0.00	17.07 -0.90 0.00	16.53 -0.93 0.00	16.92 -0.91 0.00	18.61 -0.84 0.00	21.75 -0.98 0.00	26.77 -1.50 0.00	30.58 -1.54 0.00	28.28 -1.65 0.00	23.40 -1.18 0.00	19.90 -0.81 0.00	19.39 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.22 0.76 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.86 0.50 0.00	18.60 0.47 0.00	21.97 0.45 0.00	28.31 0.80 0.00	34.26 1.63 0.00	30.45 1.28 0.00	24.16 1.13 0.00	20.58 0.92 0.00	19.91 0.86 0.00	19.25 0.85 0.00	18.94 0.97 0.00	18.49 1.03 0.00	18.90 1.07 0.00	20.46 1.01 0.00	24.05 1.32 0.00	29.82 1.55 0.00	34.21 2.09 0.00	31.57 1.65 0.00	25.69 1.11 0.00	21.54 0.83 0.00	20.22 0.53 0.00
BETHLEHEM___GRP 23843	19.91 0.45 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.04 0.52 0.00	28.33 0.83 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.50 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.23 0.39 0.00	19.88 0.43 0.00	23.23 0.50 0.00	28.95 0.68 0.00	33.08 0.96 0.00	30.64 0.72 0.00	25.12 0.54 0.00	21.11 0.39 0.00	19.86 0.18 0.00
BETHLEHEM___GS1 323560	19.88 0.41 0.00	18.18 0.39 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.02 0.50 0.00	28.33 0.82 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.49 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.22 0.39 0.00	19.88 0.43 0.00	23.21 0.48 0.00	28.95 0.68 0.00	32.99 0.87 0.00	30.64 0.72 0.00	25.10 0.52 0.00	21.00 0.29 0.00	19.86 0.18 0.00
BETHLEHEM___GS2 323561	19.88 0.41 0.00	18.18 0.39 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.02 0.50 0.00	28.33 0.82 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.49 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.22 0.39 0.00	19.88 0.43 0.00	23.21 0.48 0.00	28.95 0.68 0.00	32.99 0.87 0.00	30.64 0.72 0.00	25.10 0.52 0.00	21.00 0.29 0.00	19.86 0.18 0.00
BETHLEHEM___GS3 323562	19.88 0.41 0.00	18.18 0.39 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.02 0.50 0.00	28.33 0.82 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.49 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	18.22 0.39 0.00	19.88 0.43 0.00	23.21 0.48 0.00	28.95 0.68 0.00	32.99 0.87 0.00	30.64 0.72 0.00	25.10 0.52 0.00	21.00 0.29 0.00	19.86 0.18 0.00
BETHLEHEM___STEEL 23779	17.91 -1.56 0.00	16.67 -1.12 0.00	16.31 -1.08 0.00	16.36 -0.99 0.00	17.15 -0.98 0.00	20.38 -1.14 0.00	25.22 -2.28 0.00	29.14 -3.49 0.00	26.57 -2.60 0.00	21.40 -1.64 0.00	18.32 -1.34 0.00	17.74 -1.31 0.00	17.04 -1.36 0.00	16.60 -1.37 0.00	16.06 -1.40 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.28 -1.45 0.00	26.01 -2.26 0.00	29.78 -2.34 0.00	27.50 -2.42 0.00	22.84 -1.75 0.00	19.53 -1.18 0.00	19.35 -0.33 0.00
BETHLHEM_115KV_TB1 79974	19.93 0.47 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.77 0.42 0.00	18.54 0.42 0.00	22.04 0.52 0.00	28.36 0.85 0.00	33.97 1.34 0.00	30.04 0.88 0.00	23.61 0.58 0.00	20.14 0.49 0.00	19.55 0.50 0.00	18.90 0.50 0.00	18.44 0.47 0.00	17.93 0.47 0.00	18.24 0.41 0.00	19.90 0.45 0.00	23.23 0.50 0.00	28.97 0.71 0.00	33.12 1.00 0.00	30.67 0.75 0.00	25.15 0.57 0.00	21.13 0.41 0.00	19.86 0.18 0.00
BETHPAGE_CC_5 323564	20.15 0.68 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.04 1.43 -1.10	34.78 2.15 0.00	30.74 1.57 0.00	24.37 1.34 0.00	20.75 1.10 0.00	20.06 1.01 0.00	19.31 0.90 0.00	18.83 0.86 0.00	18.42 0.96 0.00	18.88 1.05 0.00	20.64 1.19 0.00	24.17 1.43 0.00	29.85 1.58 0.00	34.37 2.25 0.00	31.78 1.86 0.00	27.18 1.43 -1.18	23.84 1.01 -2.11	20.30 0.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.95 -1.52 0.00	16.72 -1.07 0.00	16.36 -1.03 0.00	16.42 -0.94 0.00	17.20 -0.92 0.00	20.45 -1.08 0.00	25.33 -2.17 0.00	29.27 -3.36 0.00	26.69 -2.48 0.00	21.49 -1.54 0.00	18.39 -1.26 0.00	17.82 -1.24 0.00	17.12 -1.29 0.00	16.66 -1.31 0.00	16.11 -1.34 0.00	16.50 -1.34 0.00	18.30 -1.15 0.00	21.34 -1.39 0.00	26.12 -2.15 0.00	29.94 -2.18 0.00	27.62 -2.30 0.00	22.96 -1.62 0.00	19.59 -1.12 0.00	19.41 -0.28 0.00

BINGHAMTON___COGEN 23790	19.41 -0.06 0.00	17.79 0.00 0.00	17.39 0.00 0.00	17.37 0.02 0.00	18.18 0.05 0.00	21.59 0.06 0.00	27.45 -0.06 0.00	32.66 0.03 0.00	29.14 -0.03 0.00	23.08 0.05 0.00	19.67 0.02 0.00	19.06 0.00 0.00	18.39 -0.02 0.00	17.92 -0.05 0.00	17.39 -0.07 0.00	17.80 -0.04 0.00	19.41 -0.04 0.00	22.69 -0.05 0.00	28.15 -0.11 0.00	32.28 0.16 0.00	29.84 -0.09 0.00	24.53 -0.05 0.00	20.71 0.00 0.00	19.88 0.20 0.00
BIXINCNT_115KV_LOAD 355685	17.81 -1.65 0.00	16.56 -1.23 0.00	16.22 -1.16 0.00	16.28 -1.08 0.00	17.11 -1.02 0.00	20.36 -1.16 0.00	25.33 -2.17 0.00	29.40 -3.23 0.00	26.69 -2.48 0.00	21.58 -1.45 0.00	18.53 -1.12 0.00	17.95 -1.11 0.00	17.15 -1.25 0.00	16.62 -1.35 0.00	16.06 -1.40 0.00	16.44 -1.39 0.00	18.28 -1.17 0.00	21.37 -1.36 0.00	26.43 -1.84 0.00	30.55 -1.57 0.00	28.13 -1.80 0.00	23.30 -1.28 0.00	19.82 -0.89 0.00	19.61 -0.08 0.00
BLACK RIVER___HYD 24047	18.98 -0.49 0.00	17.31 -0.48 0.00	16.92 -0.47 0.00	16.89 -0.47 0.00	17.68 -0.45 0.00	21.14 -0.39 0.00	26.98 -0.52 0.00	32.07 -0.55 0.00	28.44 -0.73 0.00	22.34 -0.69 0.00	18.88 -0.77 0.00	18.26 -0.80 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.65 -0.80 0.00	17.03 -0.80 0.00	18.71 -0.74 0.00	22.10 -0.64 0.00	27.81 -0.45 0.00	32.12 0.00 0.00	29.78 -0.15 0.00	24.46 -0.12 0.00	20.59 -0.12 0.00	19.53 -0.16 0.00
BLACKRVR_115KV_TB2 79977	18.94 -0.53 0.00	17.31 -0.48 0.00	16.92 -0.47 0.00	16.88 -0.47 0.00	17.67 -0.45 0.00	21.13 -0.39 0.00	26.98 -0.52 0.00	32.07 -0.55 0.00	28.44 -0.73 0.00	22.34 -0.69 0.00	18.88 -0.77 0.00	18.26 -0.80 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.65 -0.80 0.00	17.03 -0.80 0.00	18.71 -0.74 0.00	22.10 -0.64 0.00	27.82 -0.45 0.00	32.09 -0.03 0.00	29.78 -0.15 0.00	24.44 -0.15 0.00	20.55 -0.17 0.00	19.53 -0.16 0.00
BLISS_WT_PWR 323608	18.03 -1.44 0.00	16.51 -1.28 0.00	16.12 -1.27 0.00	16.17 -1.18 0.00	17.02 -1.11 0.00	20.36 -1.16 0.00	25.20 -2.31 0.00	29.27 -3.36 0.00	26.54 -2.63 0.00	21.49 -1.54 0.00	18.47 -1.18 0.00	17.91 -1.14 0.00	17.10 -1.31 0.00	16.53 -1.44 0.00	15.97 -1.48 0.00	16.35 -1.48 0.00	18.19 -1.26 0.00	21.28 -1.46 0.00	26.37 -1.89 0.00	30.97 -1.16 0.00	28.13 -1.79 0.00	23.30 -1.28 0.00	19.82 -0.89 0.00	19.59 -0.10 0.00
BLUESTONE___WT_PWR 323821	20.46 0.99 0.00	18.72 0.92 0.00	18.26 0.87 0.00	18.24 0.88 0.00	19.09 0.96 0.00	22.79 1.27 0.00	29.10 1.59 0.00	34.81 2.19 0.00	30.89 1.72 0.00	24.28 1.24 0.00	20.58 0.92 0.00	19.86 0.80 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.12 0.66 0.00	18.58 0.75 0.00	20.37 0.91 0.00	23.89 1.16 0.00	29.85 1.58 0.00	34.53 2.41 0.00	31.72 1.80 0.00	26.03 1.45 0.00	21.93 1.22 0.00	20.93 1.24 0.00
BLUE_CIRC_CHEM_DRP 24182	19.97 0.51 0.00	18.25 0.46 0.00	17.82 0.43 0.00	17.80 0.45 0.00	18.60 0.47 0.00	22.10 0.58 0.00	28.39 0.88 0.00	33.93 1.31 0.00	30.04 0.88 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.51 0.46 0.00	18.85 0.44 0.00	18.38 0.41 0.00	17.88 0.42 0.00	-13.06 -0.04 30.86	8.09 -0.04 11.32	22.67 -0.05 0.01	28.28 0.03 0.01	32.31 0.19 0.00	29.99 0.06 0.00	24.56 -0.02 0.00	20.67 -0.04 0.00	19.49 -0.20 0.00
BOC_GAS_DRP 24189	19.72 0.25 0.00	18.00 0.21 0.00	17.60 0.21 0.00	17.58 0.23 0.00	18.35 0.22 0.00	21.80 0.28 0.00	28.00 0.50 0.00	33.51 0.88 0.00	29.69 0.53 0.00	23.40 0.37 0.00	19.97 0.31 0.00	19.36 0.30 0.00	18.72 0.31 0.00	18.27 0.31 0.00	17.77 0.31 0.00	21.04 0.23 -2.98	20.80 0.25 -1.09	23.01 0.27 0.00	28.64 0.37 0.00	32.73 0.61 0.00	30.34 0.42 0.00	24.88 0.29 0.00	20.90 0.19 0.00	19.73 0.04 0.00
BOONVILLE_115KV_TB1 79983	19.58 0.12 0.00	17.88 0.09 0.00	17.47 0.09 0.00	17.44 0.09 0.00	18.25 0.13 0.00	21.76 0.24 0.00	27.87 0.36 0.00	33.22 0.59 0.00	29.52 0.35 0.00	23.22 0.18 0.00	19.73 0.08 0.00	19.09 0.04 0.00	18.44 0.04 0.00	18.01 0.04 0.00	17.47 0.02 0.00	17.89 0.05 0.00	19.57 0.12 0.00	23.03 0.30 0.00	28.78 0.51 0.00	32.99 0.87 0.00	30.58 0.66 0.00	25.12 0.54 0.00	21.13 0.41 0.00	20.04 0.35 0.00
BORALEX_4TH_BRANCH 23824	19.78 0.31 0.00	18.11 0.32 0.00	17.68 0.30 0.00	17.70 0.35 0.00	18.49 0.36 0.00	22.00 0.47 0.00	28.44 0.94 0.00	34.16 1.53 0.00	30.07 0.90 0.00	23.52 0.48 0.00	20.06 0.41 0.00	19.55 0.50 0.00	18.88 0.48 0.00	18.40 0.43 0.00	17.91 0.45 0.00	18.33 0.50 0.00	20.03 0.58 0.00	23.37 0.64 0.00	29.23 0.96 0.00	33.41 1.28 0.00	30.94 1.02 0.00	25.34 0.76 0.00	21.19 0.48 0.00	19.82 0.14 0.00
BOWLINE___1 23526	19.76 0.29 0.00	18.02 0.23 0.00	17.65 0.26 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.24 0.59 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.54 0.57 0.00	18.10 0.65 0.00	18.51 0.68 0.00	20.09 0.64 0.00	23.53 0.80 0.00	29.26 0.99 0.00	33.57 1.45 0.00	31.00 1.08 0.00	25.27 0.69 0.00	21.10 0.39 0.00	19.88 0.20 0.00
BOWLINE___2 23595	19.76 0.29 0.00	18.02 0.23 0.00	17.65 0.26 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.24 0.59 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.54 0.57 0.00	18.10 0.65 0.00	18.51 0.68 0.00	20.09 0.64 0.00	23.53 0.80 0.00	29.26 0.99 0.00	33.57 1.45 0.00	31.00 1.08 0.00	25.27 0.69 0.00	21.10 0.39 0.00	19.88 0.20 0.00
BRADY___115KV_TB2 356060	19.52 0.06 0.00	17.83 0.04 0.00	17.40 0.02 0.00	17.34 -0.02 0.00	18.11 -0.02 0.00	21.50 -0.02 0.00	27.56 0.06 0.00	32.33 -0.29 0.00	29.17 0.00 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.00 -0.06 0.00	18.35 -0.06 0.00	17.90 -0.07 0.00	17.39 -0.07 0.00	17.74 -0.09 0.00	19.41 -0.04 0.00	22.75 0.02 0.00	28.38 0.11 0.00	31.96 -0.16 0.00	30.11 0.18 0.00	24.78 0.20 0.00	20.82 0.10 0.00	19.73 0.04 0.00
BRANSCOMB___SOLAR 323811	19.99 0.53 0.00	18.29 0.50 0.00	17.86 0.47 0.00	17.84 0.49 0.00	18.63 0.51 0.00	22.21 0.69 0.00	28.66 1.16 0.00	34.29 1.66 0.00	30.25 1.08 0.00	23.70 0.67 0.00	20.18 0.53 0.00	19.55 0.49 0.00	18.90 0.50 0.00	18.42 0.45 0.00	17.91 0.45 0.00	18.33 0.50 0.00	20.02 0.56 0.00	23.46 0.73 0.00	29.37 1.10 0.00	33.50 1.38 0.00	31.15 1.23 0.00	25.47 0.88 0.00	21.25 0.54 0.00	20.06 0.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.30 0.84 0.00	18.41 0.62 0.00	18.01 0.63 0.00	17.93 0.57 0.00	18.76 0.63 0.00	22.30 0.77 0.00	30.20 1.60 -1.10	34.85 2.22 0.00	30.75 1.58 0.00	24.41 1.38 0.00	20.77 1.12 0.00	20.07 1.01 0.00	19.29 0.88 0.00	18.80 0.83 0.00	18.38 0.93 0.00	18.87 1.03 0.00	20.68 1.23 0.00	24.23 1.50 0.00	29.85 1.58 0.00	34.47 2.34 0.00	31.78 1.86 0.00	27.35 1.60 -1.17	23.90 1.22 -1.96	20.39 0.71 0.00

BRISTLHL_115KV_TB1 79998	19.12 -0.35 0.00	17.51 -0.28 0.00	17.13 -0.26 0.00	17.09 -0.26 0.00	17.87 -0.25 0.00	21.22 -0.30 0.00	26.90 -0.61 0.00	31.98 -0.65 0.00	28.50 -0.67 0.00	22.53 -0.51 0.00	19.24 -0.41 0.00	18.64 -0.42 0.00	17.98 -0.42 0.00	17.54 -0.43 0.00	17.00 -0.45 0.00	17.39 -0.45 0.00	18.96 -0.49 0.00	22.14 -0.59 0.00	27.50 -0.76 0.00	31.45 -0.67 0.00	29.15 -0.78 0.00	23.97 -0.61 0.00	20.30 -0.41 0.00	19.51 -0.18 0.00
BROOKHAVEN___DRP 24191	20.17 0.70 0.00	18.31 0.52 0.00	17.91 0.52 0.00	17.82 0.47 0.00	18.65 0.53 0.00	22.15 0.62 0.00	30.20 1.60 -1.10	34.78 2.15 0.00	30.66 1.49 0.00	24.30 1.27 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.28 0.82 0.00	18.78 0.95 0.00	20.60 1.15 0.00	24.00 1.27 0.00	29.68 1.41 0.00	34.27 2.15 0.00	31.69 1.77 0.00	27.23 1.47 -1.17	23.74 1.08 -1.95	20.24 0.55 0.00
BROOKLYN_NAVY_YARD 23515	19.82 0.35 0.00	18.06 0.27 0.00	17.70 0.31 0.00	17.65 0.29 0.00	18.40 0.27 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.85 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.95 1.83 0.00	31.30 1.38 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
BROOKLYN___ARMY_DRP 323595	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
BROOKVLE_69_KV_TB1 55790	20.34 0.88 0.00	18.45 0.66 0.00	18.05 0.66 0.00	17.98 0.62 0.00	18.80 0.67 0.00	22.34 0.82 0.00	30.14 1.54 -1.10	34.98 2.35 0.00	30.92 1.75 0.00	24.51 1.47 0.00	20.87 1.22 0.00	20.18 1.12 0.00	19.42 1.01 0.00	18.96 0.99 0.00	18.52 1.06 0.00	18.99 1.16 0.00	20.75 1.30 0.00	24.32 1.59 0.00	30.08 1.81 0.00	34.69 2.57 0.00	31.93 2.01 0.00	27.37 1.62 -1.17	24.19 1.20 -2.28	20.43 0.75 0.00
BROOME_2_LFGE 323671	19.47 0.00 0.00	17.79 0.00 0.00	17.39 0.00 0.00	17.37 0.02 0.00	18.18 0.05 0.00	21.61 0.09 0.00	27.45 -0.05 0.00	32.66 0.03 0.00	29.14 -0.03 0.00	23.08 0.05 0.00	19.67 0.02 0.00	19.06 0.00 0.00	18.39 -0.02 0.00	17.92 -0.05 0.00	17.39 -0.07 0.00	17.80 -0.04 0.00	19.41 -0.04 0.00	22.69 -0.05 0.00	28.16 -0.11 0.00	32.41 0.29 0.00	29.84 -0.09 0.00	24.53 -0.05 0.00	20.73 0.02 0.00	19.88 0.20 0.00
BROOME___LFGE 323600	19.47 0.00 0.00	17.79 0.00 0.00	17.39 0.00 0.00	17.37 0.02 0.00	18.18 0.05 0.00	21.61 0.09 0.00	27.45 -0.05 0.00	32.66 0.03 0.00	29.14 -0.03 0.00	23.08 0.05 0.00	19.67 0.02 0.00	19.06 0.00 0.00	18.39 -0.02 0.00	17.92 -0.05 0.00	17.39 -0.07 0.00	17.80 -0.04 0.00	19.41 -0.04 0.00	22.69 -0.05 0.00	28.16 -0.11 0.00	32.41 0.29 0.00	29.84 -0.09 0.00	24.53 -0.05 0.00	20.73 0.02 0.00	19.88 0.20 0.00
BROWNFLS_115KV_TB 3_5 80003	18.76 -0.70 0.00	17.10 -0.69 0.00	16.73 -0.66 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.77 -0.75 0.00	26.63 -0.88 0.00	31.52 -1.11 0.00	28.18 -0.99 0.00	22.18 -0.85 0.00	18.85 -0.81 0.00	18.24 -0.82 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.67 -0.79 0.00	17.03 -0.80 0.00	18.67 -0.78 0.00	22.00 -0.73 0.00	27.53 -0.73 0.00	31.32 -0.80 0.00	29.30 -0.63 0.00	24.09 -0.49 0.00	20.24 -0.48 0.00	19.17 -0.51 0.00
BROWNSV1_27_KV_LOAD 356125	20.13 0.66 0.00	18.24 0.44 0.00	17.86 0.47 0.00	17.80 0.45 0.00	18.56 0.44 0.00	22.02 0.50 0.00	28.44 0.94 0.00	34.46 1.83 0.00	30.51 1.34 0.00	24.18 1.15 0.00	20.61 0.96 0.00	19.95 0.90 0.00	19.29 0.88 0.00	18.94 0.97 0.00	18.49 1.03 0.00	18.89 1.05 0.00	20.46 1.01 0.00	24.00 1.27 0.00	29.79 1.53 0.00	34.30 2.18 0.00	31.54 1.62 0.00	25.71 1.13 0.00	21.52 0.81 0.00	20.16 0.47 0.00
BURROWS___LYONSDAL 23803	19.43 -0.04 0.00	17.72 -0.07 0.00	17.34 -0.05 0.00	17.30 -0.05 0.00	18.09 -0.04 0.00	21.59 0.06 0.00	27.65 0.14 0.00	32.95 0.33 0.00	29.29 0.12 0.00	23.03 0.00 0.00	19.53 -0.12 0.00	18.92 -0.13 0.00	18.26 -0.15 0.00	17.83 -0.14 0.00	17.32 -0.14 0.00	17.71 -0.12 0.00	19.41 -0.04 0.00	22.87 0.14 0.00	28.61 0.34 0.00	32.79 0.67 0.00	30.43 0.51 0.00	25.00 0.42 0.00	21.02 0.31 0.00	19.94 0.26 0.00
CAITHNESS_CC_1 323624	20.01 0.54 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.75 0.40 0.00	18.63 0.51 0.00	22.06 0.54 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.57 1.40 0.00	24.28 1.24 0.00	20.65 1.00 0.00	19.93 0.88 0.00	19.14 0.74 0.00	18.67 0.70 0.00	18.26 0.80 0.00	18.76 0.93 0.00	20.56 1.11 0.00	23.98 1.25 0.00	29.65 1.38 0.00	34.15 2.02 0.00	31.78 1.86 0.00	27.16 1.40 -1.18	23.66 0.99 -1.96	20.24 0.55 0.00
CALPINE BETH_PAGE_GT4 24209	20.28 0.82 0.00	18.38 0.59 0.00	18.00 0.61 0.00	17.91 0.56 0.00	18.73 0.60 0.00	22.28 0.75 0.00	30.06 1.46 -1.10	34.81 2.19 0.00	30.75 1.58 0.00	24.39 1.36 0.00	20.77 1.12 0.00	20.07 1.01 0.00	19.31 0.90 0.00	18.85 0.88 0.00	18.42 0.96 0.00	18.89 1.05 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.79 1.53 0.00	34.40 2.28 0.00	31.66 1.74 0.00	27.18 1.43 -1.17	23.94 1.06 -2.17	20.28 0.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.17 0.70 0.00	18.36 0.57 0.00	18.00 0.61 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.07 1.46 -1.10	34.81 2.19 0.00	30.74 1.57 0.00	24.39 1.36 0.00	20.77 1.12 0.00	20.06 1.01 0.00	19.31 0.90 0.00	18.85 0.88 0.00	18.42 0.96 0.00	18.88 1.05 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.82 1.55 0.00	34.33 2.21 0.00	31.72 1.80 0.00	27.14 1.38 -1.18	23.86 0.97 -2.18	20.28 0.59 0.00
CALPINE_BP_GT1 23823	20.17 0.70 0.00	18.36 0.57 0.00	18.00 0.61 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.07 1.46 -1.10	34.81 2.19 0.00	30.74 1.57 0.00	24.39 1.36 0.00	20.77 1.12 0.00	20.06 1.01 0.00	19.31 0.90 0.00	18.85 0.88 0.00	18.42 0.96 0.00	18.88 1.05 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.82 1.55 0.00	34.33 2.21 0.00	31.72 1.80 0.00	27.14 1.38 -1.18	23.86 0.97 -2.18	20.28 0.59 0.00
CALSPAN___DRP 24200	17.91 -1.56 0.00	16.67 -1.12 0.00	16.31 -1.08 0.00	16.36 -0.99 0.00	17.15 -0.98 0.00	20.38 -1.14 0.00	25.22 -2.28 0.00	29.14 -3.49 0.00	26.57 -2.60 0.00	21.40 -1.64 0.00	18.32 -1.34 0.00	17.74 -1.31 0.00	17.04 -1.36 0.00	16.60 -1.37 0.00	16.06 -1.40 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.28 -1.45 0.00	26.01 -2.26 0.00	29.78 -2.34 0.00	27.50 -2.42 0.00	22.84 -1.75 0.00	19.53 -1.18 0.00	19.35 -0.33 0.00

CALVERTON___SOLAR 323806	20.05 0.58 0.00	18.32 0.53 0.00	17.94 0.56 0.00	17.79 0.43 0.00	18.69 0.56 0.00	22.12 0.60 0.00	30.29 1.68 -1.10	34.91 2.28 0.00	30.71 1.54 0.00	24.37 1.34 0.00	20.73 1.08 0.00	19.99 0.93 0.00	19.20 0.79 0.00	18.71 0.74 0.00	18.29 0.84 0.00	18.80 0.96 0.00	20.64 1.19 0.00	24.05 1.32 0.00	29.76 1.50 0.00	34.31 2.19 0.00	31.93 2.01 0.00	27.28 1.52 -1.18	23.72 1.06 -1.96	20.28 0.59 0.00
CANDIGU_WT_PWR 323617	19.52 0.06 0.00	17.83 0.04 0.00	17.41 0.02 0.00	17.37 0.02 0.00	18.22 0.09 0.00	21.61 0.09 0.00	27.40 -0.11 0.00	32.56 -0.07 0.00	29.14 -0.03 0.00	23.13 0.09 0.00	19.69 0.04 0.00	19.11 0.06 0.00	18.40 0.00 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.76 -0.07 0.00	19.37 -0.08 0.00	22.62 -0.11 0.00	28.10 -0.17 0.00	32.54 0.42 0.00	29.84 -0.09 0.00	24.56 -0.02 0.00	20.77 0.06 0.00	20.04 0.35 0.00
CARR STREET_E_SYR 24060	19.29 -0.18 0.00	17.63 -0.16 0.00	17.21 -0.17 0.00	17.20 -0.16 0.00	17.98 -0.15 0.00	21.37 -0.15 0.00	27.10 -0.41 0.00	32.27 -0.36 0.00	28.82 -0.35 0.00	22.80 -0.23 0.00	19.45 -0.20 0.00	18.87 -0.19 0.00	18.20 -0.20 0.00	17.77 -0.20 0.00	17.23 -0.23 0.00	17.60 -0.23 0.00	19.20 -0.25 0.00	22.41 -0.32 0.00	27.81 -0.45 0.00	31.90 -0.22 0.00	29.45 -0.48 0.00	24.24 -0.34 0.00	20.59 -0.12 0.00	19.73 0.04 0.00
CARTHAGE___PAPER 23857	18.92 -0.54 0.00	17.26 -0.53 0.00	16.87 -0.52 0.00	16.83 -0.52 0.00	17.62 -0.51 0.00	21.07 -0.45 0.00	26.98 -0.52 0.00	32.07 -0.55 0.00	28.47 -0.70 0.00	22.34 -0.69 0.00	18.92 -0.73 0.00	18.29 -0.76 0.00	17.63 -0.77 0.00	17.22 -0.75 0.00	16.71 -0.75 0.00	17.08 -0.75 0.00	18.77 -0.68 0.00	22.19 -0.55 0.00	27.90 -0.37 0.00	32.09 -0.03 0.00	29.81 -0.12 0.00	24.48 -0.10 0.00	20.59 -0.12 0.00	19.49 -0.20 0.00
CASSADAGA_WT_PWR 323784	18.28 -1.19 0.00	16.65 -1.14 0.00	16.20 -1.18 0.00	16.36 -0.99 0.00	17.10 -1.03 0.00	20.53 -0.99 0.00	25.53 -1.98 0.00	29.46 -3.16 0.00	26.92 -2.25 0.00	21.67 -1.36 0.00	18.57 -1.08 0.00	18.01 -1.05 0.00	17.32 -1.09 0.00	16.89 -1.08 0.00	16.32 -1.13 0.00	16.71 -1.12 0.00	18.56 -0.89 0.00	21.66 -1.07 0.00	26.66 -1.61 0.00	31.12 -1.00 0.00	28.25 -1.68 0.00	23.48 -1.11 0.00	20.07 -0.64 0.00	19.82 0.14 0.00
CE_DUNWOOD___DRP 24194	19.93 0.47 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.91 0.39 0.00	28.28 0.77 0.00	34.16 1.53 0.00	30.19 1.02 0.00	23.89 0.85 0.00	20.36 0.71 0.00	19.72 0.67 0.00	19.07 0.66 0.00	18.67 0.70 0.00	18.23 0.77 0.00	18.64 0.80 0.00	20.23 0.78 0.00	23.69 0.95 0.00	29.43 1.16 0.00	33.85 1.73 0.00	31.15 1.23 0.00	25.44 0.86 0.00	21.31 0.60 0.00	19.98 0.30 0.00
CE_MILLWOOD___DRP 24193	19.91 0.45 0.00	18.09 0.30 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.22 0.72 0.00	34.13 1.50 0.00	30.13 0.96 0.00	23.84 0.81 0.00	20.32 0.67 0.00	19.68 0.63 0.00	19.03 0.63 0.00	18.63 0.66 0.00	18.17 0.72 0.00	18.60 0.77 0.00	20.19 0.74 0.00	23.64 0.91 0.00	29.37 1.10 0.00	33.79 1.67 0.00	31.09 1.17 0.00	25.42 0.84 0.00	21.27 0.56 0.00	19.96 0.28 0.00
CE_NYC2_DRP 24202	20.07 0.60 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.87 0.34 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.18 0.77 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.80 0.96 0.00	20.35 0.89 0.00	23.87 1.14 0.00	29.57 1.30 0.00	34.02 1.90 0.00	31.30 1.38 0.00	25.49 0.91 0.00	21.37 0.66 0.00	20.06 0.37 0.00
CE_NYC_DRP 24195	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.80 1.07 0.00	29.54 1.27 0.00	34.02 1.90 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.35 0.64 0.00	19.98 0.30 0.00
CHAFFEE___LFGE 323603	18.34 -1.13 0.00	16.79 -1.00 0.00	16.34 -1.04 0.00	16.40 -0.95 0.00	17.20 -0.92 0.00	20.58 -0.95 0.00	25.31 -2.20 0.00	29.23 -3.39 0.00	26.66 -2.51 0.00	21.44 -1.59 0.00	18.35 -1.30 0.00	17.78 -1.28 0.00	17.08 -1.33 0.00	16.64 -1.33 0.00	16.10 -1.36 0.00	16.50 -1.34 0.00	18.28 -1.17 0.00	21.32 -1.41 0.00	26.12 -2.15 0.00	30.42 -1.70 0.00	27.59 -2.33 0.00	22.94 -1.65 0.00	19.61 -1.10 0.00	19.37 -0.32 0.00
CHATEAUG_35_KV_LOAD 355732	20.03 0.56 0.00	18.15 0.36 0.00	17.70 0.31 0.00	17.61 0.26 0.00	18.36 0.24 0.00	21.76 0.24 0.00	27.87 0.36 0.00	32.69 0.07 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.26 0.00	19.27 0.21 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.72 0.27 0.00	23.16 0.43 0.00	28.80 0.54 0.00	32.38 0.26 0.00	30.43 0.51 0.00	25.30 0.71 0.00	21.25 0.54 0.00	20.16 0.47 0.00
CHATEAUG_WT_PWR 323614	20.03 0.56 0.00	18.11 0.32 0.00	17.68 0.30 0.00	17.58 0.23 0.00	18.35 0.22 0.00	21.72 0.19 0.00	27.84 0.33 0.00	32.69 0.07 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.25 0.00	19.25 0.19 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.70 0.25 0.00	23.12 0.39 0.00	28.75 0.48 0.00	32.31 0.19 0.00	30.34 0.42 0.00	25.27 0.69 0.00	21.23 0.52 0.00	20.16 0.47 0.00
CHAT_HIGH_FALL_HYD 323578	20.03 0.56 0.00	18.15 0.36 0.00	17.70 0.31 0.00	17.61 0.26 0.00	18.36 0.24 0.00	21.76 0.24 0.00	27.87 0.36 0.00	32.69 0.07 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.26 0.00	19.27 0.21 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.72 0.27 0.00	23.16 0.43 0.00	28.80 0.54 0.00	32.38 0.26 0.00	30.43 0.51 0.00	25.30 0.71 0.00	21.25 0.54 0.00	20.16 0.47 0.00
CHAUTAUQUA___LFGE 323629	18.34 -1.13 0.00	16.78 -1.01 0.00	16.33 -1.06 0.00	16.42 -0.94 0.00	17.20 -0.92 0.00	20.60 -0.92 0.00	25.42 -2.09 0.00	29.40 -3.23 0.00	26.81 -2.36 0.00	21.58 -1.45 0.00	18.47 -1.18 0.00	17.89 -1.16 0.00	17.21 -1.20 0.00	16.77 -1.20 0.00	16.22 -1.24 0.00	16.60 -1.23 0.00	18.42 -1.03 0.00	21.50 -1.23 0.00	26.37 -1.89 0.00	30.74 -1.38 0.00	27.86 -2.06 0.00	23.18 -1.40 0.00	19.82 -0.89 0.00	19.57 -0.12 0.00
CHERRYST_13_KV_LD 356241	20.01 0.55 0.00	18.15 0.36 0.00	17.77 0.38 0.00	17.72 0.36 0.00	18.47 0.34 0.00	21.91 0.39 0.00	28.31 0.80 0.00	34.29 1.66 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.86 0.80 0.00	19.21 0.81 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.80 0.96 0.00	20.37 0.91 0.00	23.89 1.16 0.00	29.62 1.36 0.00	34.11 1.99 0.00	31.36 1.44 0.00	25.57 0.98 0.00	21.39 0.68 0.00	20.04 0.35 0.00

CHESTROR_138KV_BK263 355645	19.80 0.33 0.00	18.00 0.21 0.00	17.61 0.23 0.00	17.58 0.23 0.00	18.36 0.24 0.00	21.78 0.26 0.00	28.06 0.55 0.00	33.84 1.21 0.00	29.90 0.73 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.49 0.44 0.00	18.85 0.44 0.00	18.44 0.47 0.00	17.98 0.52 0.00	18.40 0.57 0.00	20.00 0.54 0.00	23.39 0.66 0.00	29.09 0.82 0.00	33.44 1.32 0.00	30.82 0.90 0.00	25.22 0.64 0.00	21.13 0.41 0.00	19.86 0.18 0.00
CH_MIDHUDSON___DRP 24192	19.93 0.47 0.00	18.15 0.36 0.00	17.74 0.35 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.95 0.43 0.00	28.28 0.77 0.00	34.13 1.50 0.00	30.16 0.99 0.00	23.75 0.71 0.00	20.22 0.57 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.54 0.58 0.00	18.09 0.63 0.00	18.53 0.70 0.00	20.15 0.70 0.00	23.57 0.84 0.00	29.31 1.05 0.00	33.69 1.57 0.00	31.06 1.14 0.00	25.42 0.84 0.00	21.27 0.56 0.00	19.98 0.30 0.00
CH_MISC_IPPS 23765	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.79 0.43 0.00	18.54 0.42 0.00	21.99 0.47 0.00	28.39 0.88 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.84 0.81 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.23 0.78 0.00	23.66 0.93 0.00	29.43 1.16 0.00	33.79 1.67 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.27 0.56 0.00	20.06 0.37 0.00
CH_RES_BVR_FALLS 23983	19.43 -0.04 0.00	17.74 -0.05 0.00	17.32 -0.07 0.00	17.27 -0.09 0.00	18.00 -0.13 0.00	21.31 -0.22 0.00	27.21 -0.30 0.00	32.04 -0.59 0.00	28.82 -0.35 0.00	22.80 -0.23 0.00	19.49 -0.16 0.00	18.92 -0.13 0.00	18.28 -0.13 0.00	17.83 -0.14 0.00	17.30 -0.16 0.00	17.67 -0.16 0.00	19.32 -0.14 0.00	22.60 -0.14 0.00	28.10 -0.17 0.00	31.67 -0.45 0.00	29.66 -0.27 0.00	24.38 -0.20 0.00	20.55 -0.17 0.00	19.51 -0.18 0.00
CH_RES_NIAGARA 23895	17.71 -1.75 0.00	16.21 -1.58 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.59 -1.54 0.00	19.78 -1.74 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.34 -2.06 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.79 -3.48 0.00	28.81 -3.31 0.00	26.12 -3.80 0.00	21.80 -2.78 0.00	18.72 -1.99 0.00	18.56 -1.12 0.00
CH_RES_SYRACUSE 23985	19.45 -0.02 0.00	17.77 -0.02 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.54 0.02 0.00	27.32 -0.19 0.00	32.83 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.22 0.10 0.00	29.72 -0.21 0.00	24.46 -0.12 0.00	20.77 0.06 0.00	19.88 0.20 0.00
CLINTON_WT_PWR 323605	20.03 0.56 0.00	18.11 0.32 0.00	17.68 0.30 0.00	17.58 0.23 0.00	18.35 0.22 0.00	21.72 0.19 0.00	27.84 0.33 0.00	32.69 0.07 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.25 0.00	19.25 0.19 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.70 0.25 0.00	23.12 0.39 0.00	28.75 0.48 0.00	32.31 0.19 0.00	30.34 0.42 0.00	25.27 0.69 0.00	21.23 0.52 0.00	20.16 0.47 0.00
CLINTON___LFGE 323618	20.30 0.84 0.00	18.31 0.52 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.54 0.42 0.00	21.97 0.45 0.00	28.17 0.66 0.00	33.08 0.46 0.00	29.78 0.61 0.00	23.56 0.53 0.00	20.12 0.47 0.00	19.46 0.40 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.15 0.32 0.00	19.94 0.49 0.00	23.44 0.71 0.00	29.14 0.88 0.00	32.76 0.64 0.00	30.76 0.84 0.00	25.69 1.11 0.00	21.54 0.83 0.00	20.45 0.77 0.00
COBBLENY_34_KV_TB1 80064	17.93 -1.54 0.00	16.71 -1.09 0.00	16.34 -1.04 0.00	16.40 -0.95 0.00	17.19 -0.94 0.00	20.42 -1.10 0.00	25.31 -2.20 0.00	29.23 -3.39 0.00	26.66 -2.51 0.00	21.44 -1.59 0.00	18.35 -1.30 0.00	17.78 -1.28 0.00	17.08 -1.33 0.00	16.64 -1.33 0.00	16.10 -1.36 0.00	16.50 -1.34 0.00	18.28 -1.17 0.00	21.32 -1.41 0.00	26.09 -2.18 0.00	29.87 -2.25 0.00	27.59 -2.33 0.00	22.91 -1.67 0.00	19.57 -1.14 0.00	19.37 -0.31 0.00
COFFEEN___115KV_TB3 355620	19.04 -0.43 0.00	17.40 -0.39 0.00	17.01 -0.38 0.00	16.97 -0.38 0.00	17.77 -0.36 0.00	21.26 -0.26 0.00	27.12 -0.39 0.00	32.24 -0.39 0.00	28.59 -0.58 0.00	22.41 -0.62 0.00	18.94 -0.71 0.00	18.29 -0.76 0.00	17.65 -0.75 0.00	17.20 -0.77 0.00	16.69 -0.77 0.00	17.07 -0.77 0.00	18.75 -0.70 0.00	22.14 -0.59 0.00	27.93 -0.34 0.00	32.31 0.19 0.00	29.96 0.03 0.00	24.61 0.02 0.00	20.67 -0.04 0.00	19.65 -0.04 0.00
COLDSPRG_115KV_BK1 355956	18.38 -1.09 0.00	17.03 -0.77 0.00	16.66 -0.73 0.00	16.76 -0.59 0.00	17.57 -0.56 0.00	20.92 -0.60 0.00	26.19 -1.32 0.00	30.34 -2.28 0.00	27.57 -1.60 0.00	22.16 -0.88 0.00	18.96 -0.69 0.00	18.37 -0.69 0.00	17.63 -0.77 0.00	17.20 -0.77 0.00	16.62 -0.84 0.00	17.01 -0.82 0.00	18.89 -0.56 0.00	22.05 -0.68 0.00	27.14 -1.13 0.00	31.29 -0.84 0.00	28.79 -1.14 0.00	23.85 -0.74 0.00	20.30 -0.41 0.00	20.02 0.33 0.00
COLONIE_LFGE___ 323577	19.78 0.31 0.00	18.11 0.32 0.00	17.70 0.31 0.00	17.68 0.33 0.00	18.47 0.34 0.00	21.97 0.45 0.00	28.33 0.82 0.00	33.93 1.31 0.00	29.99 0.82 0.00	23.52 0.48 0.00	20.06 0.41 0.00	19.47 0.42 0.00	18.83 0.42 0.00	18.36 0.39 0.00	17.86 0.40 0.00	18.26 0.43 0.00	19.94 0.49 0.00	23.28 0.54 0.00	29.09 0.82 0.00	33.12 1.00 0.00	30.79 0.87 0.00	25.20 0.61 0.00	21.02 0.31 0.00	19.86 0.18 0.00
COOPERNY_115KV_TB1 80082	19.70 0.23 0.00	17.93 0.14 0.00	17.54 0.16 0.00	17.51 0.16 0.00	18.29 0.16 0.00	21.72 0.19 0.00	27.89 0.39 0.00	33.51 0.88 0.00	29.69 0.53 0.00	23.47 0.44 0.00	20.01 0.35 0.00	19.38 0.32 0.00	18.74 0.33 0.00	18.31 0.34 0.00	17.84 0.38 0.00	18.26 0.43 0.00	19.86 0.41 0.00	23.23 0.50 0.00	28.89 0.62 0.00	33.15 1.03 0.00	30.61 0.69 0.00	25.05 0.47 0.00	21.02 0.31 0.00	19.82 0.14 0.00
COPENHAGEN_WT_PWR 323753	18.98 -0.49 0.00	17.33 -0.46 0.00	16.92 -0.47 0.00	16.90 -0.45 0.00	17.69 -0.44 0.00	21.14 -0.39 0.00	26.96 -0.55 0.00	32.04 -0.59 0.00	28.44 -0.73 0.00	22.34 -0.69 0.00	18.90 -0.75 0.00	18.27 -0.78 0.00	17.63 -0.77 0.00	17.20 -0.77 0.00	16.69 -0.77 0.00	17.07 -0.77 0.00	18.73 -0.72 0.00	22.10 -0.64 0.00	27.76 -0.51 0.00	32.06 -0.06 0.00	29.69 -0.24 0.00	24.41 -0.17 0.00	20.57 -0.14 0.00	19.53 -0.16 0.00
CORNELL_____ 23752	19.74 0.27 0.00	18.08 0.28 0.00	17.67 0.28 0.00	17.65 0.30 0.00	18.47 0.34 0.00	21.95 0.43 0.00	27.92 0.41 0.00	33.38 0.75 0.00	29.78 0.61 0.00	23.45 0.41 0.00	19.95 0.29 0.00	19.28 0.23 0.00	18.59 0.18 0.00	18.11 0.14 0.00	17.58 0.12 0.00	17.99 0.16 0.00	19.67 0.21 0.00	23.05 0.32 0.00	28.66 0.40 0.00	32.92 0.80 0.00	30.40 0.48 0.00	25.00 0.42 0.00	21.13 0.41 0.00	20.26 0.57 0.00

CORONA__69_KV_TB1 355595	20.26 0.80 0.00	18.38 0.59 0.00	17.98 0.59 0.00	17.91 0.56 0.00	18.71 0.58 0.00	22.25 0.73 0.00	29.95 1.35 -1.10	34.72 2.09 0.00	30.72 1.55 0.00	24.35 1.31 0.00	20.73 1.08 0.00	20.05 0.99 0.00	19.31 0.90 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.89 1.05 0.00	20.62 1.17 0.00	24.16 1.43 0.00	29.88 1.61 0.00	34.47 2.34 0.00	31.72 1.80 0.00	27.20 1.45 -1.17	24.86 1.06 -3.09	20.36 0.67 0.00
CORTLAND__115KV_TB3 80093	19.58 0.12 0.00	17.93 0.14 0.00	17.53 0.14 0.00	17.51 0.16 0.00	18.31 0.18 0.00	21.76 0.24 0.00	27.70 0.19 0.00	33.05 0.42 0.00	29.46 0.29 0.00	23.26 0.23 0.00	19.81 0.16 0.00	19.17 0.11 0.00	18.50 0.09 0.00	18.04 0.07 0.00	17.51 0.05 0.00	17.90 0.07 0.00	19.55 0.10 0.00	22.87 0.14 0.00	28.41 0.14 0.00	32.60 0.48 0.00	30.14 0.21 0.00	24.78 0.20 0.00	20.92 0.21 0.00	20.06 0.37 0.00
COXSACKIE__GT 23611	20.69 1.23 0.00	18.84 1.05 0.00	18.41 1.03 0.00	18.39 1.04 0.00	19.20 1.07 0.00	22.84 1.31 0.00	29.43 1.92 0.00	35.27 2.64 0.00	31.04 1.87 0.00	24.09 1.06 0.00	20.40 0.75 0.00	19.70 0.65 0.00	19.05 0.64 0.00	18.56 0.59 0.00	18.08 0.63 0.00	-28.90 0.64 47.37	2.82 0.74 17.37	23.58 0.86 0.02	29.38 1.13 0.02	33.73 1.61 0.00	31.36 1.44 0.00	25.66 1.08 0.00	21.39 0.68 0.00	20.33 0.65 0.00
CPV_VALLEY__CC1 323721	19.62 0.16 0.00	17.90 0.11 0.00	17.53 0.14 0.00	17.49 0.14 0.00	18.26 0.13 0.00	21.65 0.13 0.00	27.89 0.38 0.00	33.58 0.95 0.00	29.70 0.53 0.00	23.49 0.46 0.00	20.02 0.37 0.00	19.40 0.34 0.00	18.75 0.35 0.00	18.35 0.38 0.00	17.88 0.42 0.00	18.30 0.46 0.00	19.88 0.43 0.00	23.25 0.52 0.00	28.89 0.62 0.00	33.15 1.03 0.00	30.64 0.72 0.00	25.00 0.42 0.00	20.94 0.23 0.00	19.77 0.08 0.00
CPV_VALLEY__CC2 323722	19.62 0.16 0.00	17.90 0.11 0.00	17.53 0.14 0.00	17.49 0.14 0.00	18.26 0.13 0.00	21.65 0.13 0.00	27.89 0.38 0.00	33.58 0.95 0.00	29.70 0.53 0.00	23.49 0.46 0.00	20.02 0.37 0.00	19.40 0.34 0.00	18.75 0.35 0.00	18.35 0.38 0.00	17.88 0.42 0.00	18.30 0.46 0.00	19.88 0.43 0.00	23.25 0.52 0.00	28.89 0.62 0.00	33.15 1.03 0.00	30.64 0.72 0.00	25.00 0.42 0.00	20.94 0.23 0.00	19.77 0.08 0.00
CRESCENT__HYD 24018	19.78 0.31 0.00	18.11 0.32 0.00	17.70 0.31 0.00	17.68 0.33 0.00	18.47 0.34 0.00	21.97 0.45 0.00	28.33 0.82 0.00	33.93 1.31 0.00	29.99 0.82 0.00	23.52 0.48 0.00	20.06 0.41 0.00	19.47 0.42 0.00	18.83 0.42 0.00	18.36 0.39 0.00	17.86 0.40 0.00	18.26 0.43 0.00	19.94 0.49 0.00	23.28 0.54 0.00	29.09 0.82 0.00	33.12 1.00 0.00	30.79 0.87 0.00	25.20 0.61 0.00	21.02 0.31 0.00	19.86 0.18 0.00
CRICKET__VALLEY_CC1 323756	19.66 0.19 0.00	18.01 0.21 0.00	17.61 0.23 0.00	17.60 0.24 0.00	18.36 0.24 0.00	21.78 0.26 0.00	28.11 0.60 0.00	33.93 1.31 0.00	29.90 0.73 0.00	23.54 0.51 0.00	20.08 0.43 0.00	19.51 0.46 0.00	18.86 0.46 0.00	18.44 0.47 0.00	17.96 0.51 0.00	18.39 0.55 0.00	20.02 0.56 0.00	23.37 0.64 0.00	29.11 0.85 0.00	33.27 1.15 0.00	30.82 0.90 0.00	25.17 0.59 0.00	21.00 0.29 0.00	19.80 0.12 0.00
CRICKET__VALLEY_CC2 323757	19.66 0.19 0.00	18.01 0.21 0.00	17.61 0.23 0.00	17.60 0.24 0.00	18.36 0.24 0.00	21.78 0.26 0.00	28.11 0.60 0.00	33.93 1.31 0.00	29.90 0.73 0.00	23.54 0.51 0.00	20.08 0.43 0.00	19.51 0.46 0.00	18.86 0.46 0.00	18.44 0.47 0.00	17.96 0.51 0.00	18.39 0.55 0.00	20.02 0.56 0.00	23.37 0.64 0.00	29.11 0.85 0.00	33.27 1.15 0.00	30.82 0.90 0.00	25.17 0.59 0.00	21.00 0.29 0.00	19.80 0.12 0.00
CRICKET__VALLEY_CC3 323758	19.66 0.19 0.00	18.01 0.21 0.00	17.61 0.23 0.00	17.60 0.24 0.00	18.36 0.24 0.00	21.78 0.26 0.00	28.11 0.60 0.00	33.93 1.31 0.00	29.90 0.73 0.00	23.54 0.51 0.00	20.08 0.43 0.00	19.51 0.46 0.00	18.86 0.46 0.00	18.44 0.47 0.00	17.96 0.51 0.00	18.39 0.55 0.00	20.02 0.56 0.00	23.37 0.64 0.00	29.11 0.85 0.00	33.27 1.15 0.00	30.82 0.90 0.00	25.17 0.59 0.00	21.00 0.29 0.00	19.80 0.12 0.00
CRUCIBLE_METL_DRP 24180	19.39 -0.08 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.32 -0.19 0.00	32.82 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.09 -0.03 0.00	29.72 -0.21 0.00	24.44 -0.15 0.00	20.69 -0.02 0.00	19.88 0.20 0.00
DAHOWA__HYDRO 323763	20.05 0.58 0.00	18.32 0.53 0.00	17.91 0.52 0.00	17.89 0.54 0.00	18.69 0.56 0.00	22.30 0.77 0.00	28.77 1.27 0.00	34.39 1.76 0.00	30.37 1.20 0.00	23.77 0.74 0.00	20.24 0.59 0.00	19.61 0.55 0.00	18.94 0.53 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.37 0.53 0.00	20.07 0.62 0.00	23.53 0.80 0.00	29.48 1.21 0.00	33.63 1.51 0.00	31.27 1.35 0.00	25.54 0.96 0.00	21.31 0.60 0.00	20.12 0.43 0.00
DANC__LFGE 323619	19.00 -0.47 0.00	17.35 -0.44 0.00	16.95 -0.43 0.00	16.94 -0.42 0.00	17.71 -0.42 0.00	21.14 -0.39 0.00	26.88 -0.63 0.00	31.94 -0.69 0.00	28.41 -0.76 0.00	22.36 -0.67 0.00	18.98 -0.67 0.00	18.37 -0.69 0.00	17.72 -0.68 0.00	17.29 -0.68 0.00	16.76 -0.70 0.00	17.14 -0.70 0.00	18.77 -0.68 0.00	22.07 -0.66 0.00	27.62 -0.65 0.00	31.80 -0.32 0.00	29.45 -0.48 0.00	24.21 -0.37 0.00	20.46 -0.25 0.00	19.49 -0.20 0.00
DANSKAMMER__1 23586	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.79 0.43 0.00	18.54 0.42 0.00	21.99 0.47 0.00	28.39 0.88 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.84 0.81 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.23 0.78 0.00	23.66 0.93 0.00	29.43 1.16 0.00	33.79 1.67 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.27 0.56 0.00	20.06 0.37 0.00
DANSKAMMER__2 23589	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.79 0.43 0.00	18.54 0.42 0.00	21.99 0.47 0.00	28.39 0.88 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.84 0.81 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.23 0.78 0.00	23.66 0.93 0.00	29.43 1.16 0.00	33.79 1.67 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.27 0.56 0.00	20.06 0.37 0.00
DANSKAMMER__3 23590	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.79 0.43 0.00	18.54 0.42 0.00	21.99 0.47 0.00	28.39 0.88 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.84 0.81 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.23 0.78 0.00	23.66 0.93 0.00	29.43 1.16 0.00	33.79 1.67 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.27 0.56 0.00	20.06 0.37 0.00

DANSKAMMER___4 23591	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.79 0.43 0.00	18.54 0.42 0.00	21.99 0.47 0.00	28.39 0.88 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.84 0.81 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.23 0.78 0.00	23.66 0.93 0.00	29.43 1.16 0.00	33.79 1.67 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.27 0.56 0.00	20.06 0.37 0.00
DANSKAMMER___DIESEL 23592	20.05 0.58 0.00	18.22 0.43 0.00	17.82 0.43 0.00	17.77 0.42 0.00	18.54 0.42 0.00	22.04 0.52 0.00	28.39 0.88 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.84 0.81 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.23 0.78 0.00	23.66 0.93 0.00	29.43 1.16 0.00	33.85 1.73 0.00	31.21 1.29 0.00	25.54 0.96 0.00	21.35 0.64 0.00	20.06 0.37 0.00
DARBY___SOLAR 323810	19.99 0.53 0.00	18.29 0.50 0.00	17.86 0.47 0.00	17.86 0.50 0.00	18.65 0.53 0.00	22.23 0.71 0.00	28.69 1.18 0.00	34.29 1.66 0.00	30.28 1.11 0.00	23.75 0.71 0.00	20.22 0.57 0.00	19.59 0.53 0.00	18.92 0.51 0.00	18.44 0.47 0.00	17.93 0.47 0.00	18.35 0.52 0.00	20.05 0.60 0.00	23.48 0.75 0.00	29.40 1.13 0.00	33.53 1.41 0.00	31.18 1.26 0.00	25.47 0.88 0.00	21.27 0.56 0.00	20.06 0.37 0.00
DASHVILLE___HYD 23610	19.84 0.37 0.00	18.02 0.23 0.00	17.63 0.24 0.00	17.60 0.24 0.00	18.36 0.24 0.00	21.74 0.22 0.00	27.98 0.47 0.00	33.77 1.14 0.00	29.75 0.58 0.00	23.42 0.39 0.00	19.95 0.29 0.00	19.32 0.27 0.00	18.70 0.29 0.00	18.29 0.32 0.00	17.86 0.40 0.00	5.31 0.80 13.32	15.36 0.80 4.89	23.59 0.86 0.01	29.11 0.85 0.01	33.50 1.38 0.00	30.85 0.93 0.00	25.27 0.69 0.00	21.15 0.43 0.00	19.90 0.22 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.50 1.03 0.00	18.61 0.82 0.00	18.22 0.83 0.00	18.13 0.78 0.00	18.98 0.85 0.00	22.56 1.03 0.00	30.80 2.20 -1.10	35.56 2.94 0.00	31.30 2.13 0.00	24.81 1.77 0.00	21.09 1.43 0.00	20.31 1.26 0.00	19.45 1.05 0.00	18.96 0.99 0.00	18.54 1.08 0.00	19.06 1.23 0.00	20.97 1.52 0.00	24.41 1.68 0.00	30.27 2.01 0.00	34.98 2.86 0.00	32.32 2.39 0.00	27.74 1.99 -1.17	24.17 1.51 -1.95	20.61 0.93 0.00
DELAWARE___LFGE 323621	19.78 0.31 0.00	18.06 0.27 0.00	17.65 0.26 0.00	17.63 0.28 0.00	18.42 0.29 0.00	21.91 0.39 0.00	28.09 0.58 0.00	33.61 0.98 0.00	29.84 0.67 0.00	23.56 0.53 0.00	20.04 0.39 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.31 0.34 0.00	17.81 0.35 0.00	18.23 0.39 0.00	19.86 0.41 0.00	23.23 0.50 0.00	28.92 0.65 0.00	33.15 1.03 0.00	30.64 0.72 0.00	25.12 0.54 0.00	21.13 0.41 0.00	20.02 0.33 0.00
DERFIELD_115KV_TB7 355931	19.50 0.04 0.00	17.83 0.04 0.00	17.42 0.03 0.00	17.39 0.03 0.00	18.16 0.04 0.00	21.59 0.06 0.00	27.62 0.11 0.00	32.86 0.23 0.00	29.29 0.12 0.00	23.10 0.07 0.00	19.71 0.06 0.00	19.11 0.06 0.00	18.46 0.06 0.00	18.02 0.05 0.00	17.53 0.07 0.00	17.90 0.07 0.00	19.51 0.06 0.00	22.80 0.07 0.00	28.38 0.11 0.00	32.35 0.22 0.00	30.05 0.12 0.00	24.66 0.07 0.00	20.75 0.04 0.00	19.71 0.02 0.00
DOGLEVILLE___HYD 23807	19.97 0.51 0.00	18.27 0.48 0.00	17.86 0.47 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	28.28 0.77 0.00	33.64 1.01 0.00	29.93 0.76 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.53 0.48 0.00	18.85 0.44 0.00	18.40 0.43 0.00	17.86 0.40 0.00	18.24 0.41 0.00	19.94 0.49 0.00	23.32 0.59 0.00	29.03 0.76 0.00	33.15 1.03 0.00	30.76 0.84 0.00	25.27 0.69 0.00	21.25 0.54 0.00	20.18 0.49 0.00
DUNKIRK___115KV_TB_200 55889	17.97 -1.50 0.00	16.71 -1.09 0.00	16.34 -1.04 0.00	16.43 -0.92 0.00	17.20 -0.92 0.00	20.47 -1.05 0.00	25.42 -2.09 0.00	29.40 -3.23 0.00	26.78 -2.39 0.00	21.56 -1.47 0.00	18.45 -1.20 0.00	17.89 -1.16 0.00	17.19 -1.21 0.00	16.75 -1.22 0.00	16.20 -1.26 0.00	16.58 -1.25 0.00	18.40 -1.05 0.00	21.46 -1.27 0.00	26.32 -1.95 0.00	30.16 -1.96 0.00	27.83 -2.09 0.00	23.11 -1.47 0.00	19.74 -0.97 0.00	19.53 -0.16 0.00
DUNKIRK___1 23563	17.97 -1.50 0.00	16.71 -1.09 0.00	16.34 -1.04 0.00	16.43 -0.92 0.00	17.20 -0.92 0.00	20.47 -1.05 0.00	25.42 -2.09 0.00	29.40 -3.23 0.00	26.78 -2.39 0.00	21.56 -1.47 0.00	18.45 -1.20 0.00	17.89 -1.16 0.00	17.19 -1.21 0.00	16.75 -1.22 0.00	16.20 -1.26 0.00	16.58 -1.25 0.00	18.40 -1.05 0.00	21.46 -1.27 0.00	26.32 -1.95 0.00	30.16 -1.96 0.00	27.83 -2.09 0.00	23.11 -1.47 0.00	19.74 -0.97 0.00	19.53 -0.16 0.00
DUNKIRK___2 23564	17.97 -1.50 0.00	16.71 -1.09 0.00	16.34 -1.04 0.00	16.43 -0.92 0.00	17.20 -0.92 0.00	20.47 -1.05 0.00	25.42 -2.09 0.00	29.40 -3.23 0.00	26.78 -2.39 0.00	21.56 -1.47 0.00	18.45 -1.20 0.00	17.89 -1.16 0.00	17.19 -1.21 0.00	16.75 -1.22 0.00	16.20 -1.26 0.00	16.58 -1.25 0.00	18.40 -1.05 0.00	21.46 -1.27 0.00	26.32 -1.95 0.00	30.16 -1.96 0.00	27.83 -2.09 0.00	23.11 -1.47 0.00	19.74 -0.97 0.00	19.53 -0.16 0.00
DUNKIRK___3 23565	17.99 -1.48 0.00	16.72 -1.07 0.00	16.36 -1.03 0.00	16.43 -0.92 0.00	17.22 -0.91 0.00	20.47 -1.05 0.00	25.42 -2.09 0.00	29.40 -3.23 0.00	26.75 -2.42 0.00	21.54 -1.50 0.00	18.43 -1.22 0.00	17.86 -1.20 0.00	17.15 -1.25 0.00	16.71 -1.26 0.00	16.18 -1.27 0.00	16.57 -1.27 0.00	18.38 -1.07 0.00	21.44 -1.30 0.00	26.26 -2.01 0.00	30.13 -1.99 0.00	27.77 -2.15 0.00	23.06 -1.52 0.00	19.70 -1.01 0.00	19.47 -0.22 0.00
DUNKIRK___4 23566	17.99 -1.48 0.00	16.72 -1.07 0.00	16.36 -1.03 0.00	16.43 -0.92 0.00	17.22 -0.91 0.00	20.47 -1.05 0.00	25.42 -2.09 0.00	29.40 -3.23 0.00	26.75 -2.42 0.00	21.54 -1.50 0.00	18.43 -1.22 0.00	17.86 -1.20 0.00	17.15 -1.25 0.00	16.71 -1.26 0.00	16.18 -1.27 0.00	16.57 -1.27 0.00	18.38 -1.07 0.00	21.44 -1.30 0.00	26.26 -2.01 0.00	30.13 -1.99 0.00	27.77 -2.15 0.00	23.06 -1.52 0.00	19.70 -1.01 0.00	19.47 -0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.93 0.41 0.00	28.31 0.80 0.00	34.23 1.60 0.00	30.25 1.08 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.72 0.75 0.00	18.26 0.80 0.00	18.67 0.84 0.00	20.27 0.82 0.00	23.75 1.02 0.00	29.48 1.22 0.00	33.92 1.80 0.00	31.24 1.32 0.00	25.52 0.93 0.00	21.35 0.64 0.00	20.02 0.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.89 0.43 0.00	18.09 0.30 0.00	17.70 0.31 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.20 0.69 0.00	34.03 1.40 0.00	30.04 0.88 0.00	23.70 0.67 0.00	20.18 0.53 0.00	19.55 0.50 0.00	18.90 0.50 0.00	18.49 0.52 0.00	18.03 0.58 0.00	18.49 0.66 0.00	20.11 0.66 0.00	23.53 0.80 0.00	29.23 0.96 0.00	33.63 1.51 0.00	31.00 1.08 0.00	25.34 0.76 0.00	21.21 0.50 0.00	19.94 0.26 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.11 0.64 0.00	18.22 0.43 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.53 0.40 0.00	21.76 0.24 0.00	28.06 0.55 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.89 0.85 0.00	20.38 0.73 0.00	19.72 0.67 0.00	19.09 0.68 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.74 0.91 0.00	20.25 0.80 0.00	23.75 1.02 0.00	29.43 1.16 0.00	33.85 1.73 0.00	31.15 1.23 0.00	25.37 0.79 0.00	21.29 0.58 0.00	20.06 0.37 0.00
E179THST_13_KV_LOAD 356214	20.19 0.72 0.00	18.27 0.48 0.00	17.91 0.52 0.00	17.82 0.47 0.00	18.58 0.45 0.00	21.82 0.30 0.00	28.14 0.63 0.00	34.13 1.50 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.81 0.98 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.37 0.66 0.00	20.14 0.45 0.00
EAST HAMPTON___GT 23717	20.59 1.13 0.00	18.80 1.01 0.00	18.43 1.04 0.00	18.25 0.90 0.00	19.20 1.07 0.00	22.77 1.25 0.00	31.20 2.58 -1.10	35.99 3.36 0.00	31.68 2.51 0.00	25.08 2.05 0.00	21.30 1.65 0.00	20.50 1.45 0.00	19.62 1.21 0.00	19.10 1.13 0.00	18.68 1.22 0.00	19.21 1.37 0.00	21.16 1.71 0.00	24.66 1.93 0.00	30.61 2.34 0.00	35.33 3.21 0.00	32.86 2.93 0.00	28.05 2.29 -1.18	24.35 1.68 -1.96	20.85 1.16 0.00
EAST RIVER___6 23660	19.82 0.35 0.00	18.04 0.25 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.17 0.66 0.00	34.19 1.57 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
EAST RIVER___7 23524	19.82 0.35 0.00	18.04 0.25 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.17 0.66 0.00	34.19 1.57 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.93 0.47 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.91 0.39 0.00	28.28 0.77 0.00	34.16 1.53 0.00	30.19 1.02 0.00	23.89 0.85 0.00	20.36 0.71 0.00	19.72 0.67 0.00	19.07 0.66 0.00	18.67 0.70 0.00	18.23 0.77 0.00	18.64 0.80 0.00	20.23 0.78 0.00	23.69 0.95 0.00	29.43 1.16 0.00	33.85 1.73 0.00	31.15 1.23 0.00	25.44 0.86 0.00	21.31 0.60 0.00	19.98 0.30 0.00
EAST_HAMPTON___DIESEL 23722	20.59 1.13 0.00	18.80 1.01 0.00	18.43 1.04 0.00	18.27 0.92 0.00	19.22 1.09 0.00	22.77 1.25 0.00	31.20 2.58 -1.10	36.02 3.39 0.00	31.71 2.54 0.00	25.11 2.07 0.00	21.32 1.67 0.00	20.50 1.45 0.00	19.64 1.23 0.00	19.10 1.13 0.00	18.68 1.22 0.00	19.21 1.37 0.00	21.16 1.71 0.00	24.66 1.93 0.00	30.61 2.34 0.00	35.36 3.24 0.00	32.86 2.93 0.00	28.05 2.29 -1.18	24.37 1.70 -1.96	20.87 1.18 0.00
EAST_PULASKI___ESR 323781	19.10 -0.37 0.00	17.45 -0.34 0.00	17.04 -0.35 0.00	17.02 -0.33 0.00	17.82 -0.31 0.00	21.20 -0.32 0.00	26.90 -0.61 0.00	31.98 -0.65 0.00	28.47 -0.70 0.00	22.46 -0.57 0.00	19.12 -0.53 0.00	18.52 -0.53 0.00	17.87 -0.53 0.00	17.43 -0.54 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.89 -0.56 0.00	22.12 -0.61 0.00	27.56 -0.71 0.00	31.67 -0.45 0.00	29.27 -0.66 0.00	24.09 -0.49 0.00	20.42 -0.29 0.00	19.51 -0.18 0.00
EAST_RIVER___1 323558	19.85 0.39 0.00	18.09 0.30 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.82 0.30 0.00	28.22 0.71 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.85 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.95 1.83 0.00	31.30 1.38 0.00	25.47 0.88 0.00	21.27 0.56 0.00	19.98 0.30 0.00
EAST_RIVER___2 323559	19.82 0.35 0.00	18.04 0.25 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.17 0.66 0.00	34.19 1.57 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.96 0.28 0.00
EAST___DELAWARE_HYD 23607	20.30 0.84 0.00	18.47 0.68 0.00	18.08 0.70 0.00	18.05 0.69 0.00	18.83 0.71 0.00	22.30 0.77 0.00	28.75 1.24 0.00	34.75 2.12 0.00	30.71 1.54 0.00	24.14 1.11 0.00	20.44 0.79 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.69 0.72 0.00	18.22 0.77 0.00	13.42 1.00 5.41	18.50 1.03 1.98	23.98 1.25 0.00	29.79 1.53 0.00	34.37 2.25 0.00	31.72 1.80 0.00	25.91 1.33 0.00	21.60 0.89 0.00	20.45 0.77 0.00
EIGHT_POINT___WT_PWR 323820	19.76 0.29 0.00	18.04 0.25 0.00	17.61 0.23 0.00	17.54 0.19 0.00	18.40 0.27 0.00	21.82 0.30 0.00	27.70 0.19 0.00	32.99 0.36 0.00	29.70 0.53 0.00	23.52 0.48 0.00	20.02 0.37 0.00	19.46 0.40 0.00	18.72 0.31 0.00	18.20 0.23 0.00	17.63 0.17 0.00	18.05 0.21 0.00	19.67 0.21 0.00	22.98 0.25 0.00	28.63 0.37 0.00	33.18 1.06 0.00	30.43 0.51 0.00	25.03 0.44 0.00	21.13 0.41 0.00	20.36 0.67 0.00
ELBRIDGE_115KV_TB2 80188	19.27 -0.19 0.00	17.67 -0.12 0.00	17.27 -0.12 0.00	17.25 -0.10 0.00	18.04 -0.09 0.00	21.41 -0.11 0.00	27.18 -0.33 0.00	32.86 0.23 0.00	29.61 0.44 0.00	23.01 -0.02 0.00	19.59 -0.06 0.00	18.98 -0.08 0.00	18.31 -0.09 0.00	17.84 -0.13 0.00	17.32 -0.14 0.00	17.69 -0.14 0.00	19.30 -0.16 0.00	22.55 -0.18 0.00	27.99 -0.28 0.00	32.02 -0.10 0.00	29.66 -0.27 0.00	24.39 -0.20 0.00	20.65 -0.06 0.00	19.84 0.16 0.00
ELEC_TRO_TEK 24086	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	29.81 1.21 -1.10	34.55 1.93 0.00	30.54 1.37 0.00	24.23 1.20 0.00	20.63 0.98 0.00	19.95 0.90 0.00	19.21 0.81 0.00	18.78 0.81 0.00	18.35 0.89 0.00	18.80 0.96 0.00	20.50 1.05 0.00	24.03 1.30 0.00	29.71 1.44 0.00	34.24 2.12 0.00	31.54 1.62 0.00	27.03 1.28 -1.17	24.13 0.95 -2.46	20.22 0.53 0.00
ELLENBURG_WT_PWR 323604	20.03 0.56 0.00	18.11 0.32 0.00	17.68 0.30 0.00	17.58 0.23 0.00	18.35 0.22 0.00	21.72 0.19 0.00	27.84 0.33 0.00	32.69 0.07 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.25 0.00	19.25 0.19 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.70 0.25 0.00	23.12 0.39 0.00	28.75 0.48 0.00	32.31 0.19 0.00	30.34 0.42 0.00	25.27 0.69 0.00	21.23 0.52 0.00	20.16 0.47 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.79 -1.67 0.00	16.56 -1.23 0.00	16.22 -1.16 0.00	16.28 -1.08 0.00	17.04 -1.09 0.00	20.25 -1.27 0.00	25.03 -2.48 0.00	28.91 -3.72 0.00	26.40 -2.77 0.00	21.26 -1.77 0.00	18.18 -1.47 0.00	17.63 -1.43 0.00	16.93 -1.47 0.00	16.50 -1.50 0.00	15.96 -1.50 0.00	16.34 -1.50 0.00	18.11 -1.34 0.00	21.12 -1.61 0.00	25.78 -2.49 0.00	29.49 -2.63 0.00	27.23 -2.69 0.00	22.64 -1.94 0.00	19.37 -1.35 0.00	19.19 -0.49 0.00
EMPIRE_CC_1 323656	19.60 0.14 0.00	17.95 0.16 0.00	17.56 0.17 0.00	17.56 0.21 0.00	18.33 0.20 0.00	21.74 0.22 0.00	27.95 0.44 0.00	33.54 0.91 0.00	29.64 0.47 0.00	23.26 0.23 0.00	19.89 0.24 0.00	19.36 0.30 0.00	18.70 0.29 0.00	18.24 0.27 0.00	17.75 0.30 0.00	18.12 0.28 0.00	19.78 0.33 0.00	23.01 0.27 0.00	28.69 0.42 0.00	32.67 0.55 0.00	30.34 0.42 0.00	24.88 0.30 0.00	20.75 0.04 0.00	19.67 -0.02 0.00
EMPIRE_CC_2 323658	19.60 0.14 0.00	17.95 0.16 0.00	17.56 0.17 0.00	17.56 0.21 0.00	18.33 0.20 0.00	21.74 0.22 0.00	27.95 0.44 0.00	33.54 0.91 0.00	29.64 0.47 0.00	23.26 0.23 0.00	19.89 0.24 0.00	19.36 0.30 0.00	18.70 0.29 0.00	18.24 0.27 0.00	17.75 0.30 0.00	18.12 0.28 0.00	19.78 0.33 0.00	23.01 0.27 0.00	28.69 0.42 0.00	32.67 0.55 0.00	30.34 0.42 0.00	24.88 0.30 0.00	20.75 0.04 0.00	19.67 -0.02 0.00
ENORWICH_115KV_TB1 80156	20.77 1.30 0.00	19.04 1.25 0.00	18.57 1.18 0.00	18.55 1.20 0.00	19.40 1.27 0.00	23.20 1.68 0.00	29.60 2.09 0.00	35.40 2.77 0.00	31.36 2.19 0.00	24.53 1.50 0.00	20.75 1.10 0.00	20.01 0.95 0.00	19.32 0.92 0.00	18.81 0.84 0.00	18.26 0.80 0.00	18.74 0.91 0.00	20.58 1.13 0.00	24.23 1.50 0.00	30.39 2.12 0.00	35.17 3.05 0.00	32.35 2.42 0.00	26.57 1.99 0.00	22.41 1.70 0.00	21.42 1.73 0.00
ERIE_ST__34_KV_TB1-2 80199	18.18 -1.28 0.00	16.92 -0.87 0.00	16.55 -0.83 0.00	16.61 -0.75 0.00	17.42 -0.71 0.00	20.68 -0.84 0.00	25.66 -1.84 0.00	29.69 -2.94 0.00	27.04 -2.13 0.00	21.77 -1.27 0.00	18.61 -1.04 0.00	18.05 -1.01 0.00	17.32 -1.09 0.00	16.89 -1.08 0.00	16.34 -1.12 0.00	16.73 -1.11 0.00	18.56 -0.89 0.00	21.64 -1.09 0.00	26.52 -1.75 0.00	30.42 -1.70 0.00	28.04 -1.89 0.00	23.28 -1.30 0.00	19.84 -0.87 0.00	19.63 -0.06 0.00
ERIE_WT_PWR 323693	18.32 -1.15 0.00	16.78 -1.01 0.00	16.33 -1.06 0.00	16.38 -0.97 0.00	17.17 -0.96 0.00	20.55 -0.97 0.00	25.25 -2.26 0.00	29.17 -3.46 0.00	26.60 -2.57 0.00	21.42 -1.61 0.00	18.33 -1.32 0.00	17.76 -1.30 0.00	17.06 -1.34 0.00	16.62 -1.35 0.00	16.08 -1.38 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.30 -1.43 0.00	26.06 -2.20 0.00	30.35 -1.77 0.00	27.53 -2.40 0.00	22.89 -1.70 0.00	19.59 -1.12 0.00	19.37 -0.32 0.00
ESPRGFLD_115KV_TB1 80157	19.93 0.47 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.56 0.44 0.00	22.19 0.67 0.00	28.53 1.02 0.00	34.06 1.44 0.00	30.19 1.02 0.00	23.77 0.74 0.00	20.16 0.51 0.00	19.49 0.44 0.00	18.83 0.42 0.00	18.36 0.40 0.00	17.86 0.40 0.00	18.31 0.48 0.00	20.00 0.54 0.00	23.46 0.73 0.00	29.29 1.02 0.00	33.66 1.54 0.00	31.12 1.20 0.00	25.44 0.86 0.00	21.33 0.62 0.00	20.22 0.53 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.70 0.23 0.00	18.06 0.27 0.00	17.65 0.26 0.00	17.61 0.26 0.00	18.44 0.31 0.00	21.91 0.39 0.00	27.87 0.36 0.00	33.31 0.69 0.00	29.72 0.55 0.00	23.40 0.37 0.00	19.91 0.26 0.00	19.25 0.19 0.00	18.57 0.17 0.00	18.10 0.13 0.00	17.56 0.10 0.00	17.98 0.14 0.00	19.63 0.18 0.00	23.00 0.27 0.00	28.64 0.37 0.00	32.86 0.74 0.00	30.37 0.45 0.00	24.95 0.37 0.00	21.08 0.37 0.00	20.24 0.55 0.00
ETNA____115KV_TB2 80207	19.70 0.23 0.00	18.06 0.27 0.00	17.65 0.26 0.00	17.61 0.26 0.00	18.44 0.31 0.00	21.91 0.39 0.00	27.87 0.36 0.00	33.31 0.69 0.00	29.72 0.55 0.00	23.40 0.37 0.00	19.91 0.26 0.00	19.25 0.19 0.00	18.57 0.17 0.00	18.10 0.13 0.00	17.56 0.10 0.00	17.98 0.14 0.00	19.63 0.18 0.00	23.00 0.27 0.00	28.64 0.37 0.00	32.86 0.74 0.00	30.37 0.45 0.00	24.95 0.37 0.00	21.08 0.37 0.00	20.24 0.55 0.00
EUCLID___115KV_TB2 356179	19.12 -0.35 0.00	17.52 -0.27 0.00	17.14 -0.24 0.00	17.11 -0.24 0.00	17.89 -0.24 0.00	21.24 -0.28 0.00	26.93 -0.58 0.00	32.07 -0.55 0.00	28.62 -0.55 0.00	22.64 -0.39 0.00	19.32 -0.33 0.00	18.73 -0.32 0.00	18.07 -0.33 0.00	17.65 -0.32 0.00	17.11 -0.35 0.00	17.49 -0.34 0.00	19.08 -0.37 0.00	22.28 -0.45 0.00	27.62 -0.65 0.00	31.57 -0.55 0.00	29.24 -0.69 0.00	24.07 -0.52 0.00	20.38 -0.33 0.00	19.61 -0.08 0.00
E_CANADA_CAP_HY 24051	19.91 0.45 0.00	18.18 0.39 0.00	17.74 0.35 0.00	17.72 0.36 0.00	18.53 0.40 0.00	22.17 0.65 0.00	28.61 1.10 0.00	34.06 1.43 0.00	30.08 0.91 0.00	23.61 0.58 0.00	20.06 0.41 0.00	19.38 0.32 0.00	18.74 0.33 0.00	18.26 0.29 0.00	17.75 0.30 0.00	18.21 0.38 0.00	19.92 0.47 0.00	23.41 0.68 0.00	29.34 1.07 0.00	33.66 1.54 0.00	31.18 1.26 0.00	25.44 0.86 0.00	21.27 0.56 0.00	20.10 0.41 0.00
E_CANADA_MHWK_HY 24050	19.97 0.51 0.00	18.27 0.48 0.00	17.86 0.47 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	28.28 0.77 0.00	33.64 1.01 0.00	29.93 0.76 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.53 0.48 0.00	18.85 0.44 0.00	18.40 0.43 0.00	17.86 0.40 0.00	18.24 0.41 0.00	19.94 0.49 0.00	23.32 0.59 0.00	29.03 0.76 0.00	33.15 1.03 0.00	30.76 0.84 0.00	25.27 0.69 0.00	21.25 0.54 0.00	20.18 0.49 0.00
E_FISHKILL___LBMP 23776	19.84 0.37 0.00	18.06 0.27 0.00	17.67 0.28 0.00	17.63 0.28 0.00	18.40 0.27 0.00	21.84 0.32 0.00	28.17 0.66 0.00	33.97 1.34 0.00	30.02 0.85 0.00	23.70 0.67 0.00	20.20 0.55 0.00	19.59 0.53 0.00	18.94 0.53 0.00	18.53 0.56 0.00	18.07 0.61 0.00	18.47 0.64 0.00	20.09 0.64 0.00	23.50 0.77 0.00	29.23 0.96 0.00	33.57 1.45 0.00	30.94 1.02 0.00	25.30 0.71 0.00	21.19 0.48 0.00	19.88 0.20 0.00
FALCON___SEABRD_CC1 323796	20.28 0.82 0.00	18.24 0.44 0.00	17.80 0.42 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.87 0.34 0.00	28.03 0.52 0.00	32.92 0.29 0.00	29.67 0.50 0.00	23.47 0.44 0.00	20.04 0.39 0.00	19.38 0.32 0.00	18.72 0.31 0.00	18.27 0.31 0.00	17.72 0.26 0.00	18.10 0.27 0.00	19.84 0.39 0.00	23.30 0.57 0.00	28.97 0.71 0.00	32.57 0.45 0.00	30.58 0.66 0.00	25.61 1.03 0.00	21.52 0.81 0.00	20.43 0.75 0.00
FALCON___SEABRD_CC2 323797	20.28 0.82 0.00	18.24 0.44 0.00	17.80 0.42 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.87 0.34 0.00	28.03 0.52 0.00	32.92 0.29 0.00	29.67 0.50 0.00	23.47 0.44 0.00	20.04 0.39 0.00	19.38 0.32 0.00	18.72 0.31 0.00	18.27 0.31 0.00	17.72 0.26 0.00	18.10 0.27 0.00	19.84 0.39 0.00	23.30 0.57 0.00	28.97 0.71 0.00	32.57 0.45 0.00	30.58 0.66 0.00	25.61 1.03 0.00	21.52 0.81 0.00	20.43 0.75 0.00

FAR ROCKAWAY___4 23548	20.38 0.91 0.00	18.48 0.69 0.00	18.08 0.70 0.00	18.00 0.64 0.00	18.82 0.69 0.00	22.38 0.86 0.00	30.14 1.54 -1.10	34.94 2.32 0.00	30.89 1.72 0.00	24.51 1.47 0.00	20.87 1.22 0.00	20.16 1.11 0.00	19.42 1.01 0.00	18.96 0.99 0.00	18.52 1.06 0.00	18.97 1.14 0.00	20.73 1.28 0.00	24.32 1.59 0.00	30.05 1.78 0.00	34.69 2.57 0.00	31.93 2.01 0.00	27.37 1.62 -1.17	25.08 1.20 -3.16	20.49 0.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.99 0.53 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.45 0.33 0.00	21.89 0.37 0.00	28.28 0.77 0.00	34.26 1.63 0.00	30.31 1.14 0.00	24.02 0.99 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.18 0.77 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.60 1.33 0.00	34.05 1.93 0.00	31.30 1.38 0.00	25.54 0.96 0.00	21.37 0.66 0.00	20.02 0.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.99 0.53 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.45 0.33 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.05 1.93 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.02 0.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.54 1.27 0.00	34.02 1.90 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
FARRAGUT___LBMP 323566	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	19.98 0.30 0.00
FENNER___WINDPWR 24204	19.78 0.31 0.00	18.07 0.28 0.00	17.66 0.28 0.00	17.63 0.28 0.00	18.44 0.31 0.00	21.95 0.43 0.00	28.00 0.50 0.00	33.38 0.75 0.00	29.72 0.55 0.00	23.42 0.39 0.00	19.95 0.30 0.00	19.30 0.25 0.00	18.64 0.24 0.00	18.20 0.23 0.00	17.65 0.19 0.00	18.06 0.23 0.00	19.72 0.27 0.00	23.09 0.36 0.00	28.78 0.51 0.00	33.02 0.90 0.00	30.52 0.60 0.00	25.07 0.49 0.00	21.17 0.46 0.00	20.18 0.49 0.00
FIBERTEK___ENERGY 23856	19.39 -0.08 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.32 -0.19 0.00	32.82 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.09 -0.03 0.00	29.72 -0.21 0.00	24.44 -0.15 0.00	20.69 -0.02 0.00	19.88 0.20 0.00
FITZPATRICK___ 23598	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.65 -0.98 0.00	28.27 -0.90 0.00	22.36 -0.67 0.00	19.10 -0.55 0.00	18.52 -0.53 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.85 -0.60 0.00	22.00 -0.73 0.00	27.31 -0.96 0.00	31.22 -0.90 0.00	28.91 -1.02 0.00	23.82 -0.76 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
FLOWRFLD_69_KV_BK1 356044	20.36 0.90 0.00	18.45 0.66 0.00	18.07 0.68 0.00	17.98 0.62 0.00	18.82 0.69 0.00	22.36 0.84 0.00	30.34 1.73 -1.10	35.04 2.41 0.00	30.80 1.63 0.00	24.44 1.40 0.00	20.79 1.14 0.00	20.08 1.03 0.00	19.29 0.88 0.00	18.80 0.83 0.00	18.40 0.94 0.00	18.89 1.05 0.00	20.72 1.26 0.00	24.25 1.52 0.00	29.96 1.70 0.00	34.59 2.47 0.00	31.96 2.03 0.00	27.50 1.75 -1.17	23.99 1.33 -1.95	20.45 0.77 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.07 0.60 0.00	18.25 0.46 0.00	17.84 0.45 0.00	17.80 0.45 0.00	18.58 0.45 0.00	22.06 0.54 0.00	28.44 0.94 0.00	34.36 1.73 0.00	30.37 1.20 0.00	23.89 0.85 0.00	20.32 0.67 0.00	19.68 0.63 0.00	19.05 0.64 0.00	18.62 0.65 0.00	18.16 0.70 0.00	18.64 0.80 0.00	20.27 0.82 0.00	23.71 0.98 0.00	29.48 1.22 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.10 0.41 0.00
FORT ORANGE___ 23900	19.95 0.49 0.00	18.25 0.46 0.00	17.84 0.45 0.00	17.82 0.47 0.00	18.60 0.47 0.00	22.10 0.58 0.00	28.47 0.96 0.00	34.06 1.43 0.00	30.10 0.93 0.00	23.63 0.60 0.00	20.14 0.49 0.00	19.55 0.49 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.93 0.47 0.00	10.18 0.39 8.05	16.95 0.45 2.95	23.23 0.50 0.00	28.97 0.71 0.00	33.05 0.93 0.00	30.70 0.78 0.00	25.12 0.54 0.00	21.02 0.31 0.00	19.88 0.20 0.00
FORT_DRUM_COGEN 23780	18.94 -0.53 0.00	17.31 -0.48 0.00	16.92 -0.47 0.00	16.88 -0.47 0.00	17.67 -0.45 0.00	21.13 -0.39 0.00	26.98 -0.52 0.00	32.07 -0.55 0.00	28.47 -0.70 0.00	22.34 -0.69 0.00	18.90 -0.75 0.00	18.26 -0.80 0.00	17.61 -0.79 0.00	17.18 -0.79 0.00	16.67 -0.79 0.00	17.05 -0.78 0.00	18.73 -0.72 0.00	22.10 -0.64 0.00	27.82 -0.45 0.00	32.09 -0.03 0.00	29.78 -0.15 0.00	24.44 -0.15 0.00	20.55 -0.17 0.00	19.53 -0.16 0.00
FOX_HILLS___ESR 323835	20.21 0.74 0.00	18.29 0.50 0.00	17.91 0.52 0.00	17.84 0.49 0.00	18.58 0.45 0.00	21.93 0.41 0.00	28.25 0.74 0.00	34.06 1.44 0.00	30.34 1.17 0.00	24.05 1.01 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.81 0.98 0.00	20.37 0.91 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.02 1.90 0.00	31.48 1.56 0.00	25.61 1.03 0.00	21.48 0.77 0.00	20.18 0.49 0.00
FPL_FAR_ROCK_GT1 24212	20.28 0.82 0.00	18.47 0.68 0.00	18.08 0.70 0.00	18.00 0.64 0.00	18.82 0.69 0.00	22.34 0.82 0.00	30.16 1.54 -1.11	34.95 2.32 0.00	30.89 1.72 0.00	24.51 1.48 -0.01	20.88 1.22 -0.01	20.16 1.10 0.00	19.42 1.01 0.00	18.96 0.99 0.00	18.52 1.07 0.00	18.98 1.14 0.00	20.74 1.28 -0.01	24.33 1.59 -0.01	30.08 1.81 0.00	34.63 2.51 0.00	31.99 2.06 0.00	27.36 1.60 -1.18	25.00 1.12 -3.17	20.50 0.81 -0.01
FPL_FAR_ROCK_GT2 23815	20.28 0.82 0.00	18.47 0.68 0.00	18.08 0.70 0.00	18.00 0.64 0.00	18.82 0.69 0.00	22.34 0.82 0.00	30.16 1.54 -1.11	34.95 2.32 0.00	30.89 1.72 0.00	24.51 1.48 -0.01	20.88 1.22 -0.01	20.16 1.10 0.00	19.42 1.01 0.00	18.96 0.99 0.00	18.52 1.07 0.00	18.98 1.14 0.00	20.74 1.28 -0.01	24.33 1.59 -0.01	30.08 1.81 0.00	34.63 2.51 0.00	31.99 2.06 0.00	27.36 1.60 -1.18	25.00 1.12 -3.17	20.50 0.81 -0.01

FRANKLIN_FALL_HYD 24054	19.89 0.43 0.00	18.04 0.25 0.00	17.61 0.23 0.00	17.53 0.17 0.00	18.29 0.16 0.00	21.69 0.17 0.00	27.81 0.30 0.00	32.66 0.03 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.26 0.00	19.23 0.17 0.00	18.57 0.17 0.00	18.11 0.14 0.00	17.56 0.10 0.00	17.94 0.11 0.00	19.67 0.21 0.00	23.12 0.39 0.00	28.78 0.51 0.00	32.35 0.22 0.00	30.37 0.45 0.00	25.22 0.64 0.00	21.17 0.46 0.00	20.06 0.37 0.00
FREEPORT_EQUS_GT1 23764	20.17 0.70 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.04 1.43 -1.11	34.78 2.15 0.00	30.74 1.57 0.00	24.37 1.34 0.00	20.75 1.10 0.00	20.06 1.01 0.00	19.31 0.90 0.00	18.85 0.88 0.00	18.42 0.96 0.00	18.88 1.05 0.00	20.64 1.19 0.00	24.19 1.46 0.00	29.91 1.64 0.00	34.43 2.31 0.00	31.81 1.89 0.00	27.21 1.45 -1.18	24.13 1.01 -2.41	20.34 0.65 0.00
FREEPORT___CT2 23818	20.17 0.70 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.04 1.43 -1.11	34.78 2.15 0.00	30.74 1.57 0.00	24.37 1.34 0.00	20.75 1.10 0.00	20.06 1.01 0.00	19.31 0.90 0.00	18.85 0.88 0.00	18.42 0.96 0.00	18.88 1.05 0.00	20.64 1.19 0.00	24.19 1.46 0.00	29.91 1.64 0.00	34.43 2.31 0.00	31.81 1.89 0.00	27.21 1.45 -1.18	24.13 1.01 -2.41	20.34 0.65 0.00
FRESHKLS_33_KV_LOAD 356253	20.32 0.86 0.00	18.36 0.57 0.00	18.00 0.61 0.00	17.91 0.56 0.00	18.67 0.54 0.00	22.00 0.47 0.00	28.28 0.77 0.00	33.90 1.27 0.00	30.31 1.14 0.00	24.00 0.97 0.00	20.44 0.79 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.80 0.83 0.00	18.36 0.91 0.00	18.78 0.95 0.00	20.33 0.88 0.00	23.94 1.20 0.00	29.71 1.44 0.00	33.85 1.73 0.00	31.51 1.59 0.00	25.66 1.08 0.00	21.54 0.83 0.00	20.26 0.57 0.00
FULTON COGEN____ 23766	19.12 -0.35 0.00	17.51 -0.28 0.00	17.13 -0.26 0.00	17.09 -0.26 0.00	17.87 -0.25 0.00	21.22 -0.30 0.00	26.90 -0.61 0.00	31.98 -0.65 0.00	28.50 -0.67 0.00	22.53 -0.51 0.00	19.24 -0.41 0.00	18.64 -0.42 0.00	17.98 -0.42 0.00	17.54 -0.43 0.00	17.00 -0.45 0.00	17.39 -0.45 0.00	18.96 -0.49 0.00	22.14 -0.59 0.00	27.50 -0.76 0.00	31.45 -0.67 0.00	29.15 -0.78 0.00	23.97 -0.61 0.00	20.30 -0.41 0.00	19.51 -0.18 0.00
FULTON___LFGE 323630	20.83 1.36 0.00	18.98 1.19 0.00	18.50 1.11 0.00	18.50 1.15 0.00	19.34 1.21 0.00	23.26 1.74 0.00	30.15 2.64 0.00	35.73 3.10 0.00	31.33 2.16 0.00	24.46 1.43 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.36 0.96 0.00	18.85 0.88 0.00	18.31 0.86 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.48 1.75 0.00	30.78 2.51 0.00	35.27 3.15 0.00	32.74 2.81 0.00	26.60 2.02 0.00	22.18 1.47 0.00	20.91 1.22 0.00
G.F.CEMENT___DRP 24184	20.17 0.70 0.00	18.40 0.60 0.00	17.96 0.57 0.00	17.94 0.59 0.00	18.74 0.62 0.00	22.40 0.88 0.00	28.97 1.46 0.00	34.62 1.99 0.00	30.54 1.37 0.00	23.93 0.90 0.00	20.36 0.71 0.00	19.68 0.63 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.00 0.54 0.00	18.44 0.61 0.00	20.15 0.70 0.00	23.66 0.93 0.00	29.62 1.36 0.00	33.85 1.73 0.00	31.45 1.53 0.00	25.66 1.08 0.00	21.48 0.77 0.00	20.18 0.49 0.00
GARDENVILLE___LBMP 24039	17.85 -1.62 0.00	16.62 -1.17 0.00	16.26 -1.13 0.00	16.31 -1.04 0.00	17.09 -1.03 0.00	20.32 -1.21 0.00	25.14 -2.37 0.00	29.04 -3.59 0.00	26.49 -2.68 0.00	21.33 -1.70 0.00	18.26 -1.40 0.00	17.68 -1.37 0.00	16.99 -1.42 0.00	16.55 -1.42 0.00	16.01 -1.45 0.00	16.39 -1.44 0.00	18.17 -1.28 0.00	21.21 -1.52 0.00	25.92 -2.35 0.00	29.65 -2.47 0.00	27.38 -2.54 0.00	22.76 -1.82 0.00	19.47 -1.24 0.00	19.27 -0.41 0.00
GARDNVLA_35_KV_LD 355827	17.93 -1.54 0.00	16.69 -1.10 0.00	16.33 -1.06 0.00	16.40 -0.95 0.00	17.19 -0.94 0.00	20.42 -1.10 0.00	25.28 -2.23 0.00	29.20 -3.43 0.00	26.66 -2.51 0.00	21.47 -1.57 0.00	18.37 -1.28 0.00	17.80 -1.26 0.00	17.10 -1.31 0.00	16.64 -1.33 0.00	16.10 -1.36 0.00	16.50 -1.34 0.00	18.28 -1.17 0.00	21.32 -1.41 0.00	26.06 -2.20 0.00	29.84 -2.28 0.00	27.56 -2.36 0.00	22.91 -1.67 0.00	19.57 -1.14 0.00	19.39 -0.30 0.00
GELCKHM___115KV_LOAD 80723	19.21 -0.25 0.00	17.61 -0.18 0.00	17.21 -0.17 0.00	17.18 -0.17 0.00	17.96 -0.16 0.00	21.33 -0.19 0.00	27.07 -0.44 0.00	32.33 -0.29 0.00	28.94 -0.23 0.00	22.78 -0.25 0.00	19.44 -0.22 0.00	18.83 -0.23 0.00	18.18 -0.22 0.00	17.74 -0.23 0.00	17.20 -0.26 0.00	17.58 -0.25 0.00	19.18 -0.27 0.00	22.39 -0.34 0.00	27.79 -0.48 0.00	31.77 -0.35 0.00	29.42 -0.51 0.00	24.19 -0.39 0.00	20.48 -0.23 0.00	19.71 0.02 0.00
GENERAL___MILLS 23808	17.91 -1.56 0.00	16.67 -1.12 0.00	16.31 -1.08 0.00	16.36 -0.99 0.00	17.15 -0.98 0.00	20.38 -1.14 0.00	25.22 -2.28 0.00	29.14 -3.49 0.00	26.57 -2.60 0.00	21.40 -1.64 0.00	18.32 -1.34 0.00	17.74 -1.31 0.00	17.04 -1.36 0.00	16.60 -1.37 0.00	16.06 -1.40 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.28 -1.45 0.00	26.01 -2.26 0.00	29.78 -2.34 0.00	27.50 -2.42 0.00	22.84 -1.75 0.00	19.53 -1.18 0.00	19.35 -0.33 0.00
GE_PLASTICS___DRP 24183	19.82 0.35 0.00	18.09 0.30 0.00	17.68 0.30 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.91 0.39 0.00	28.17 0.66 0.00	33.71 1.08 0.00	29.84 0.67 0.00	23.47 0.44 0.00	20.02 0.37 0.00	19.44 0.38 0.00	18.77 0.37 0.00	18.33 0.36 0.00	17.82 0.37 0.00	-78.99 0.11 96.93	-15.98 0.12 35.55	22.81 0.11 0.04	28.43 0.20 0.04	32.54 0.42 0.00	30.17 0.24 0.00	24.71 0.12 0.00	20.84 0.12 0.00	19.63 -0.06 0.00
GILBOA___1 23756	19.62 0.16 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.31 0.18 0.00	21.72 0.19 0.00	27.92 0.41 0.00	33.44 0.82 0.00	29.64 0.47 0.00	23.38 0.35 0.00	19.93 0.27 0.00	19.34 0.29 0.00	18.68 0.28 0.00	18.26 0.29 0.00	17.75 0.30 0.00	18.14 0.30 0.00	19.76 0.31 0.00	23.09 0.36 0.00	28.75 0.48 0.00	32.86 0.74 0.00	30.43 0.51 0.00	24.93 0.34 0.00	20.90 0.19 0.00	19.78 0.10 0.00
GILBOA___2 23757	19.62 0.16 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.31 0.18 0.00	21.72 0.19 0.00	27.92 0.41 0.00	33.44 0.82 0.00	29.64 0.47 0.00	23.38 0.35 0.00	19.93 0.27 0.00	19.34 0.29 0.00	18.68 0.28 0.00	18.26 0.29 0.00	17.75 0.30 0.00	18.14 0.30 0.00	19.76 0.31 0.00	23.09 0.36 0.00	28.75 0.48 0.00	32.86 0.74 0.00	30.43 0.51 0.00	24.93 0.34 0.00	20.90 0.19 0.00	19.78 0.10 0.00
GILBOA___3 23758	19.62 0.16 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.31 0.18 0.00	21.72 0.19 0.00	27.92 0.41 0.00	33.44 0.82 0.00	29.64 0.47 0.00	23.38 0.35 0.00	19.93 0.27 0.00	19.34 0.29 0.00	18.68 0.28 0.00	18.26 0.29 0.00	17.75 0.30 0.00	18.14 0.30 0.00	19.76 0.31 0.00	23.09 0.36 0.00	28.75 0.48 0.00	32.86 0.74 0.00	30.43 0.51 0.00	24.93 0.34 0.00	20.90 0.19 0.00	19.78 0.10 0.00

GILBOA___4 23759	19.62 0.16 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.31 0.18 0.00	21.72 0.19 0.00	27.92 0.41 0.00	33.44 0.82 0.00	29.64 0.47 0.00	23.38 0.35 0.00	19.93 0.27 0.00	19.34 0.29 0.00	18.68 0.28 0.00	18.26 0.29 0.00	17.75 0.30 0.00	18.14 0.30 0.00	19.76 0.31 0.00	23.09 0.36 0.00	28.75 0.48 0.00	32.86 0.74 0.00	30.43 0.51 0.00	24.93 0.34 0.00	20.90 0.19 0.00	19.78 0.10 0.00
GILBOA____ 23599	19.66 0.19 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.31 0.18 0.00	21.74 0.22 0.00	27.92 0.41 0.00	33.44 0.82 0.00	29.64 0.47 0.00	23.38 0.35 0.00	19.93 0.28 0.00	19.34 0.29 0.00	18.68 0.28 0.00	18.26 0.29 0.00	17.75 0.30 0.00	18.14 0.30 0.00	19.76 0.31 0.00	23.10 0.36 0.00	28.75 0.48 0.00	32.89 0.77 0.00	30.43 0.51 0.00	24.95 0.37 0.00	20.96 0.25 0.00	19.78 0.10 0.00
GINNA____ 23603	17.85 -1.62 0.00	16.35 -1.44 0.00	15.96 -1.43 0.00	15.93 -1.42 0.00	16.66 -1.47 0.00	19.89 -1.64 0.00	24.95 -2.56 0.00	29.50 -3.13 0.00	26.57 -2.60 0.00	21.17 -1.86 0.00	17.96 -1.69 0.00	17.42 -1.64 0.00	16.77 -1.64 0.00	16.35 -1.62 0.00	15.85 -1.61 0.00	16.21 -1.62 0.00	17.80 -1.65 0.00	20.82 -1.91 0.00	25.70 -2.57 0.00	29.68 -2.44 0.00	27.17 -2.75 0.00	22.47 -2.11 0.00	19.12 -1.59 0.00	18.45 -1.24 0.00
GLEN PARK____ 23778	19.00 -0.47 0.00	17.35 -0.44 0.00	16.94 -0.45 0.00	16.92 -0.43 0.00	17.71 -0.42 0.00	21.18 -0.35 0.00	27.04 -0.47 0.00	32.14 -0.49 0.00	28.47 -0.70 0.00	22.34 -0.69 0.00	18.88 -0.77 0.00	18.26 -0.80 0.00	17.59 -0.81 0.00	17.14 -0.83 0.00	16.64 -0.82 0.00	17.01 -0.82 0.00	18.69 -0.76 0.00	22.10 -0.64 0.00	27.84 -0.42 0.00	32.22 0.10 0.00	29.87 -0.06 0.00	24.51 -0.07 0.00	20.63 -0.08 0.00	19.57 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	20.13 0.66 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.93 0.41 0.00	28.31 0.80 0.00	34.29 1.66 0.00	30.40 1.23 0.00	24.12 1.08 0.00	20.56 0.90 0.00	19.89 0.84 0.00	19.25 0.85 0.00	18.92 0.95 0.00	18.45 1.00 0.00	18.87 1.03 0.00	20.42 0.97 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.14 2.02 0.00	31.45 1.53 0.00	25.61 1.03 0.00	21.46 0.75 0.00	20.14 0.45 0.00
GLENWOOD_IC_1_G5 23712	20.30 0.84 0.00	18.41 0.62 0.00	18.01 0.63 0.00	17.94 0.59 0.00	18.76 0.63 0.00	22.30 0.77 0.00	30.06 1.46 -1.10	34.88 2.25 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.83 1.18 0.00	20.14 1.09 0.00	19.38 0.98 0.00	18.92 0.95 0.00	18.49 1.03 0.00	18.96 1.12 0.00	20.70 1.24 0.00	24.25 1.52 0.00	29.99 1.72 0.00	34.63 2.51 0.00	31.84 1.92 0.00	27.30 1.55 -1.17	24.14 1.16 -2.27	20.39 0.71 0.00
GLENWOOD_IC_2_G1 23688	20.17 0.70 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.01 1.40 -1.10	34.81 2.19 0.00	30.77 1.60 0.00	24.39 1.36 0.00	20.77 1.12 0.00	20.08 1.03 0.00	19.34 0.94 0.00	18.89 0.92 0.00	18.45 0.99 0.00	18.90 1.07 0.00	20.64 1.19 0.00	24.21 1.48 0.00	29.94 1.67 0.00	34.46 2.34 0.00	31.84 1.92 0.00	27.21 1.45 -1.18	23.85 1.01 -2.12	20.34 0.65 0.00
GLENWOOD_IC_3_G1 23689	20.17 0.70 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.21 0.69 0.00	30.01 1.40 -1.10	34.81 2.19 0.00	30.77 1.60 0.00	24.39 1.36 0.00	20.77 1.12 0.00	20.08 1.03 0.00	19.34 0.94 0.00	18.89 0.92 0.00	18.45 0.99 0.00	18.90 1.07 0.00	20.64 1.19 0.00	24.21 1.48 0.00	29.94 1.67 0.00	34.46 2.34 0.00	31.84 1.92 0.00	27.21 1.45 -1.18	23.85 1.01 -2.12	20.34 0.65 0.00
GLENWOOD___4 23550	20.30 0.84 0.00	18.41 0.62 0.00	18.01 0.63 0.00	17.94 0.59 0.00	18.76 0.63 0.00	22.30 0.77 0.00	30.06 1.46 -1.10	34.88 2.25 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.83 1.18 0.00	20.14 1.09 0.00	19.38 0.98 0.00	18.92 0.95 0.00	18.49 1.03 0.00	18.96 1.12 0.00	20.70 1.24 0.00	24.25 1.52 0.00	29.99 1.72 0.00	34.63 2.51 0.00	31.84 1.92 0.00	27.30 1.55 -1.17	24.14 1.16 -2.27	20.39 0.71 0.00
GLENWOOD___5 23614	20.30 0.84 0.00	18.41 0.62 0.00	18.01 0.63 0.00	17.94 0.59 0.00	18.76 0.63 0.00	22.30 0.77 0.00	30.06 1.46 -1.10	34.88 2.25 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.83 1.18 0.00	20.14 1.09 0.00	19.38 0.98 0.00	18.92 0.95 0.00	18.49 1.03 0.00	18.96 1.12 0.00	20.70 1.24 0.00	24.25 1.52 0.00	29.99 1.72 0.00	34.63 2.51 0.00	31.84 1.92 0.00	27.30 1.55 -1.17	24.14 1.16 -2.27	20.39 0.71 0.00
GLOBAL GREEN_PORT_GT1 23814	20.56 1.09 0.00	18.77 0.98 0.00	18.40 1.01 0.00	18.24 0.88 0.00	19.16 1.03 0.00	22.73 1.20 0.00	31.14 2.53 -1.10	35.96 3.33 0.00	31.65 2.48 0.00	25.06 2.03 0.00	21.26 1.61 0.00	20.49 1.43 0.00	19.60 1.20 0.00	19.08 1.11 0.00	18.66 1.20 0.00	19.19 1.35 0.00	21.14 1.69 0.00	24.64 1.91 0.00	30.56 2.29 0.00	35.30 3.18 0.00	32.83 2.90 0.00	28.02 2.26 -1.18	24.33 1.66 -1.96	20.83 1.14 0.00
GLOBE___DSASP 323697	17.25 -2.22 0.00	16.08 -1.71 0.00	15.75 -1.63 0.00	15.79 -1.56 0.00	16.53 -1.60 0.00	19.56 -1.96 0.00	24.07 -3.44 0.00	27.67 -4.96 0.00	25.35 -3.82 0.00	20.45 -2.58 0.00	17.49 -2.16 0.00	16.96 -2.10 0.00	16.29 -2.12 0.00	15.88 -2.08 0.00	15.36 -2.09 0.00	15.73 -2.10 0.00	17.43 -2.02 0.00	20.30 -2.43 0.00	24.71 -3.56 0.00	28.14 -3.98 0.00	26.04 -3.89 0.00	21.71 -2.88 0.00	18.62 -2.09 0.00	18.52 -1.16 0.00
GOETHSLN___LBMP 323567	19.86 0.39 0.00	18.00 0.21 0.00	17.63 0.24 0.00	17.58 0.23 0.00	18.33 0.20 0.00	21.74 0.22 0.00	28.09 0.58 0.00	34.03 1.40 0.00	30.07 0.90 0.00	23.86 0.83 0.00	20.36 0.71 0.00	19.70 0.65 0.00	19.07 0.66 0.00	18.71 0.74 0.00	18.26 0.80 0.00	18.65 0.82 0.00	20.21 0.76 0.00	23.69 0.95 0.00	29.37 1.10 0.00	33.82 1.70 0.00	31.09 1.17 0.00	25.37 0.79 0.00	21.23 0.52 0.00	19.86 0.18 0.00
GOLAH___69_KV_TB 1_2 80279	18.47 -0.99 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.76 -0.59 0.00	17.55 -0.58 0.00	20.85 -0.67 0.00	26.08 -1.43 0.00	30.64 -1.99 0.00	27.68 -1.49 0.00	22.07 -0.97 0.00	18.71 -0.94 0.00	18.14 -0.91 0.00	17.45 -0.96 0.00	17.00 -0.97 0.00	16.46 -1.00 0.00	16.82 -1.02 0.00	18.48 -0.97 0.00	21.71 -1.02 0.00	26.74 -1.53 0.00	30.58 -1.54 0.00	28.31 -1.62 0.00	23.43 -1.16 0.00	19.95 -0.77 0.00	19.51 -0.18 0.00
GOODYEAR_LAKE_HYD 323669	19.91 0.45 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.56 0.44 0.00	22.12 0.60 0.00	28.39 0.88 0.00	33.97 1.34 0.00	30.16 0.99 0.00	23.79 0.76 0.00	20.22 0.57 0.00	19.57 0.51 0.00	18.90 0.50 0.00	18.44 0.47 0.00	17.91 0.45 0.00	18.35 0.52 0.00	20.02 0.56 0.00	23.44 0.70 0.00	29.20 0.93 0.00	33.53 1.41 0.00	30.97 1.05 0.00	25.37 0.79 0.00	21.31 0.60 0.00	20.20 0.51 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	19.41 -0.06 0.00	17.79 0.00 0.00	17.40 0.02 0.00	17.39 0.03 0.00	18.20 0.07 0.00	21.61 0.09 0.00	27.45 -0.06 0.00	32.66 0.03 0.00	29.14 -0.03 0.00	23.08 0.05 0.00	19.67 0.02 0.00	19.06 0.00 0.00	18.39 -0.02 0.00	17.92 -0.05 0.00	17.40 -0.05 0.00	17.80 -0.04 0.00	19.41 -0.04 0.00	22.71 -0.02 0.00	28.15 -0.11 0.00	32.31 0.19 0.00	29.84 -0.09 0.00	24.56 -0.02 0.00	20.73 0.02 0.00	19.92 0.24 0.00
GOUDEY___7 23579	19.43 -0.04 0.00	17.81 0.02 0.00	17.42 0.03 0.00	17.41 0.05 0.00	18.22 0.09 0.00	21.63 0.11 0.00	27.48 -0.03 0.00	32.69 0.07 0.00	29.17 0.00 0.00	23.10 0.07 0.00	19.69 0.04 0.00	19.07 0.02 0.00	18.40 0.00 0.00	17.93 -0.04 0.00	17.42 -0.03 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	28.18 -0.08 0.00	32.35 0.22 0.00	29.87 -0.06 0.00	24.56 -0.02 0.00	20.75 0.04 0.00	19.94 0.26 0.00
GOUDEY___8 23580	19.41 -0.06 0.00	17.79 0.00 0.00	17.40 0.02 0.00	17.39 0.03 0.00	18.20 0.07 0.00	21.61 0.09 0.00	27.45 -0.06 0.00	32.66 0.03 0.00	29.14 -0.03 0.00	23.08 0.05 0.00	19.67 0.02 0.00	19.06 0.00 0.00	18.39 -0.02 0.00	17.92 -0.05 0.00	17.40 -0.05 0.00	17.80 -0.04 0.00	19.41 -0.04 0.00	22.71 -0.02 0.00	28.15 -0.11 0.00	32.31 0.19 0.00	29.84 -0.09 0.00	24.56 -0.02 0.00	20.73 0.02 0.00	19.92 0.24 0.00
GOWANUS_GT1_1 24077	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_2 24078	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_3 24079	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_4 24080	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_5 24084	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_6 24111	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_7 24112	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT1_8 24113	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT2_1 24114	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT2_2 24115	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT2_3 24116	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT2_4 24117	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00

GOWANUS_GT2_5 24118	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT2_6 24119	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT2_7 24120	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT2_8 24121	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_1 24122	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_2 24123	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_3 24124	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_4 24125	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_5 24126	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_6 24127	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_7 24128	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT3_8 24129	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
GOWANUS_GT4_1 24130	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT4_2 24131	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT4_3 24132	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00

GOWANUS_GT4_4 24133	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT4_5 24134	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT4_6 24135	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT4_7 24136	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GOWANUS_GT4_8 24137	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GREENBSH_115KV_TB3 55895	19.91 0.45 0.00	18.18 0.39 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.02 0.50 0.00	28.33 0.83 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.59 0.55 0.00	20.12 0.47 0.00	19.53 0.48 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.91 0.45 0.00	15.96 0.37 2.25	19.03 0.41 0.83	23.19 0.45 0.00	28.92 0.65 0.00	33.02 0.90 0.00	30.61 0.69 0.00	25.07 0.49 0.00	21.08 0.37 0.00	19.82 0.14 0.00
GREENDGE_115KV_TB5 80291	19.82 0.35 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.75 0.40 0.00	18.64 0.51 0.00	22.17 0.65 0.00	28.20 0.69 0.00	33.61 0.98 0.00	30.25 1.08 0.00	23.79 0.76 0.00	20.24 0.59 0.00	19.57 0.51 0.00	18.85 0.44 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.19 0.36 0.00	19.82 0.37 0.00	23.21 0.48 0.00	28.86 0.59 0.00	32.96 0.84 0.00	30.64 0.72 0.00	25.17 0.59 0.00	21.25 0.54 0.00	20.45 0.77 0.00
GREENIDGE___3 23582	19.82 0.35 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.75 0.40 0.00	18.64 0.51 0.00	22.17 0.65 0.00	28.20 0.69 0.00	33.61 0.98 0.00	30.25 1.08 0.00	23.79 0.76 0.00	20.24 0.59 0.00	19.57 0.51 0.00	18.85 0.44 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.19 0.36 0.00	19.82 0.37 0.00	23.21 0.48 0.00	28.86 0.59 0.00	32.96 0.84 0.00	30.64 0.72 0.00	25.17 0.59 0.00	21.25 0.54 0.00	20.45 0.77 0.00
GREENIDGE___4 23583	19.93 0.47 0.00	18.22 0.43 0.00	17.79 0.40 0.00	17.75 0.40 0.00	18.63 0.51 0.00	22.19 0.67 0.00	28.20 0.69 0.00	33.61 0.98 0.00	30.25 1.08 0.00	23.79 0.76 0.00	20.24 0.59 0.00	19.57 0.51 0.00	18.85 0.44 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.19 0.36 0.00	19.82 0.37 0.00	23.21 0.48 0.00	28.89 0.62 0.00	33.27 1.15 0.00	30.64 0.72 0.00	25.20 0.61 0.00	21.27 0.56 0.00	20.45 0.77 0.00
GREENLWN_69_KV_BK 3 55738	20.38 0.91 0.00	18.48 0.69 0.00	18.10 0.71 0.00	18.01 0.66 0.00	18.83 0.71 0.00	22.40 0.88 0.00	30.23 1.62 -1.10	35.01 2.38 0.00	30.92 1.75 0.00	24.53 1.50 0.00	20.89 1.24 0.00	20.20 1.14 0.00	19.43 1.03 0.00	18.96 0.99 0.00	18.54 1.08 0.00	19.01 1.18 0.00	20.79 1.34 0.00	24.37 1.64 0.00	30.11 1.84 0.00	34.72 2.60 0.00	31.99 2.06 0.00	27.45 1.70 -1.17	23.96 1.28 -1.97	20.49 0.81 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00
GRISSOM___SOLAR 323813	20.83 1.36 0.00	18.98 1.19 0.00	18.50 1.11 0.00	18.50 1.15 0.00	19.34 1.21 0.00	23.26 1.74 0.00	30.15 2.64 0.00	35.73 3.10 0.00	31.33 2.16 0.00	24.46 1.43 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.36 0.96 0.00	18.85 0.88 0.00	18.31 0.86 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.48 1.75 0.00	30.78 2.51 0.00	35.27 3.15 0.00	32.74 2.81 0.00	26.60 2.02 0.00	22.18 1.47 0.00	20.91 1.22 0.00
GROVEVILLE___HYD 323602	20.07 0.60 0.00	18.25 0.46 0.00	17.84 0.45 0.00	17.80 0.45 0.00	18.58 0.45 0.00	22.06 0.54 0.00	28.44 0.94 0.00	34.36 1.73 0.00	30.37 1.20 0.00	23.89 0.85 0.00	20.32 0.67 0.00	19.68 0.63 0.00	19.05 0.64 0.00	18.62 0.65 0.00	18.16 0.70 0.00	18.64 0.80 0.00	20.27 0.82 0.00	23.71 0.98 0.00	29.48 1.22 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.10 0.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.39 -0.08 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.32 -0.19 0.00	32.82 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.09 -0.03 0.00	29.72 -0.21 0.00	24.44 -0.15 0.00	20.69 -0.02 0.00	19.88 0.20 0.00
HAMLTNNY_34_KV_TB 80303	19.37 -0.10 0.00	17.76 -0.04 0.00	17.37 -0.02 0.00	17.34 -0.02 0.00	18.13 0.00 0.00	21.54 0.02 0.00	27.34 -0.17 0.00	33.02 0.39 0.00	29.75 0.58 0.00	23.15 0.12 0.00	19.71 0.06 0.00	19.09 0.04 0.00	18.42 0.02 0.00	17.95 -0.02 0.00	17.40 -0.05 0.00	17.78 -0.05 0.00	19.41 -0.04 0.00	22.69 -0.05 0.00	28.15 -0.11 0.00	32.22 0.10 0.00	29.81 -0.12 0.00	24.53 -0.05 0.00	20.75 0.04 0.00	19.96 0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	18.77 -0.70 0.00	17.10 -0.69 0.00	16.73 -0.66 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.77 -0.75 0.00	26.63 -0.88 0.00	31.52 -1.11 0.00	28.18 -0.99 0.00	22.18 -0.85 0.00	18.84 -0.81 0.00	18.24 -0.82 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.67 -0.79 0.00	17.03 -0.80 0.00	18.67 -0.78 0.00	22.00 -0.73 0.00	27.53 -0.74 0.00	31.32 -0.80 0.00	29.27 -0.66 0.00	24.09 -0.49 0.00	20.24 -0.48 0.00	19.17 -0.51 0.00
HARDSCRABBLE_WT_PWR 323673	19.91 0.45 0.00	18.22 0.43 0.00	17.80 0.42 0.00	17.77 0.42 0.00	18.56 0.43 0.00	22.06 0.54 0.00	28.20 0.69 0.00	33.54 0.91 0.00	29.84 0.67 0.00	23.54 0.51 0.00	20.06 0.41 0.00	19.47 0.42 0.00	18.81 0.40 0.00	18.35 0.38 0.00	17.81 0.35 0.00	18.19 0.36 0.00	19.86 0.41 0.00	23.23 0.50 0.00	28.95 0.68 0.00	33.02 0.90 0.00	30.64 0.72 0.00	25.17 0.59 0.00	21.17 0.46 0.00	20.10 0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.93 0.47 0.00	18.11 0.32 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.45 0.33 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.10 1.47 0.00	30.13 0.96 0.00	23.79 0.76 0.00	20.26 0.61 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.56 0.59 0.00	18.10 0.65 0.00	18.55 0.71 0.00	20.15 0.70 0.00	23.57 0.84 0.00	29.29 1.02 0.00	33.73 1.61 0.00	31.06 1.14 0.00	25.39 0.81 0.00	21.25 0.54 0.00	19.96 0.28 0.00
HARSNRAD_115KV_TB1 81005	17.54 -1.93 0.00	16.37 -1.42 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.82 -1.31 0.00	19.99 -1.53 0.00	24.65 -2.86 0.00	28.39 -4.24 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.90 -1.75 0.00	17.34 -1.72 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.09 -1.75 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.36 -2.91 0.00	28.94 -3.18 0.00	26.78 -3.14 0.00	22.30 -2.29 0.00	19.08 -1.64 0.00	18.96 -0.73 0.00
HARZA MOOSE___RIVER 24016	19.43 -0.04 0.00	17.72 -0.07 0.00	17.34 -0.05 0.00	17.30 -0.05 0.00	18.09 -0.04 0.00	21.59 0.06 0.00	27.65 0.14 0.00	32.95 0.33 0.00	29.29 0.12 0.00	23.03 0.00 0.00	19.53 -0.12 0.00	18.92 -0.13 0.00	18.26 -0.15 0.00	17.83 -0.14 0.00	17.32 -0.14 0.00	17.71 -0.12 0.00	19.41 -0.04 0.00	22.87 0.14 0.00	28.61 0.34 0.00	32.79 0.67 0.00	30.43 0.51 0.00	25.00 0.42 0.00	21.02 0.31 0.00	19.94 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.21 -0.25 0.00	17.61 -0.18 0.00	17.21 -0.17 0.00	17.20 -0.16 0.00	17.98 -0.15 0.00	21.35 -0.17 0.00	27.07 -0.44 0.00	32.27 -0.36 0.00	28.79 -0.38 0.00	22.78 -0.25 0.00	19.44 -0.22 0.00	18.85 -0.21 0.00	18.18 -0.22 0.00	17.75 -0.22 0.00	17.21 -0.24 0.00	17.60 -0.23 0.00	19.18 -0.27 0.00	22.41 -0.32 0.00	27.79 -0.48 0.00	31.77 -0.35 0.00	29.42 -0.51 0.00	24.19 -0.39 0.00	20.50 -0.21 0.00	19.71 0.02 0.00
HELLGATE_13_KV_LD 55870	20.07 0.60 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.07 0.60 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.84 0.32 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.35 0.64 0.00	20.06 0.37 0.00
HEMPSTEAD____ 23647	20.07 0.60 0.00	18.27 0.48 0.00	17.91 0.52 0.00	17.82 0.47 0.00	18.63 0.51 0.00	22.10 0.58 0.00	29.91 1.29 -1.10	34.65 2.02 0.00	30.63 1.46 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.99 0.93 0.00	19.23 0.83 0.00	18.80 0.83 0.00	18.36 0.91 0.00	18.81 0.98 0.00	20.56 1.11 0.00	24.10 1.36 0.00	29.76 1.50 0.00	34.27 2.15 0.00	31.66 1.74 0.00	27.09 1.33 -1.18	23.93 0.91 -2.31	20.24 0.55 0.00
HEWLETT__69_KV_BK3 55828	20.30 0.84 0.00	18.41 0.62 0.00	18.01 0.63 0.00	17.94 0.59 0.00	18.74 0.62 0.00	22.30 0.77 0.00	30.03 1.43 -1.10	34.78 2.15 0.00	30.77 1.60 0.00	24.39 1.36 0.00	20.79 1.14 0.00	20.10 1.05 0.00	19.34 0.94 0.00	18.90 0.93 0.00	18.45 1.00 0.00	18.92 1.09 0.00	20.66 1.21 0.00	24.23 1.50 0.00	29.94 1.67 0.00	34.53 2.41 0.00	31.78 1.86 0.00	27.27 1.52 -1.17	24.97 1.10 -3.16	20.39 0.71 0.00
HICKLING___1 23621	19.54 0.08 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.38 0.25 0.00	21.80 0.28 0.00	27.65 0.14 0.00	32.86 0.23 0.00	29.34 0.18 0.00	23.29 0.25 0.00	19.85 0.20 0.00	19.21 0.15 0.00	18.50 0.09 0.00	18.01 0.04 0.00	17.46 0.00 0.00	17.87 0.04 0.00	19.45 0.00 0.00	22.75 0.02 0.00	28.21 -0.06 0.00	32.47 0.35 0.00	29.93 0.00 0.00	24.63 0.05 0.00	20.84 0.12 0.00	20.14 0.45 0.00
HICKLING___2 23622	19.54 0.08 0.00	17.95 0.16 0.00	17.54 0.16 0.00	17.53 0.17 0.00	18.38 0.25 0.00	21.80 0.28 0.00	27.65 0.14 0.00	32.86 0.23 0.00	29.34 0.18 0.00	23.29 0.25 0.00	19.85 0.20 0.00	19.21 0.15 0.00	18.50 0.09 0.00	18.01 0.04 0.00	17.46 0.00 0.00	17.87 0.04 0.00	19.45 0.00 0.00	22.75 0.02 0.00	28.21 -0.06 0.00	32.47 0.35 0.00	29.93 0.00 0.00	24.63 0.05 0.00	20.84 0.12 0.00	20.14 0.45 0.00
HIGH FALLS___HY 23754	20.01 0.55 0.00	18.16 0.37 0.00	17.77 0.38 0.00	17.72 0.36 0.00	18.49 0.36 0.00	21.95 0.43 0.00	28.28 0.77 0.00	34.19 1.57 0.00	30.19 1.02 0.00	23.75 0.71 0.00	20.18 0.53 0.00	19.53 0.48 0.00	18.88 0.48 0.00	18.49 0.52 0.00	18.05 0.59 0.00	8.64 0.86 10.05	16.62 0.86 3.69	23.77 1.05 0.00	29.54 1.27 0.00	34.11 1.99 0.00	31.39 1.47 0.00	25.69 1.11 0.00	21.44 0.72 0.00	20.18 0.49 0.00
HILLBURN___GT 23639	19.80 0.33 0.00	18.04 0.25 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.42 0.29 0.00	21.82 0.30 0.00	28.20 0.69 0.00	34.06 1.43 0.00	30.08 0.91 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.99 0.59 0.00	18.58 0.61 0.00	18.14 0.68 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.57 0.84 0.00	29.31 1.05 0.00	33.66 1.54 0.00	31.06 1.14 0.00	25.32 0.74 0.00	21.15 0.44 0.00	19.92 0.24 0.00
HILLSIDE_115KV_TB1 80332	19.25 -0.21 0.00	17.67 -0.12 0.00	17.28 -0.10 0.00	17.28 -0.07 0.00	18.11 -0.02 0.00	21.50 -0.02 0.00	27.23 -0.28 0.00	32.30 -0.33 0.00	28.85 -0.32 0.00	22.92 -0.12 0.00	19.53 -0.12 0.00	18.90 -0.15 0.00	18.22 -0.18 0.00	17.74 -0.23 0.00	17.21 -0.24 0.00	17.62 -0.21 0.00	19.16 -0.29 0.00	22.39 -0.34 0.00	27.76 -0.51 0.00	31.90 -0.22 0.00	29.39 -0.54 0.00	24.21 -0.37 0.00	20.50 -0.21 0.00	19.82 0.14 0.00

HISHELDN_WT_PWR 323625	18.05 -1.42 0.00	16.51 -1.28 0.00	16.07 -1.32 0.00	16.12 -1.23 0.00	16.91 -1.21 0.00	20.25 -1.27 0.00	24.84 -2.67 0.00	28.71 -3.92 0.00	26.19 -2.98 0.00	21.12 -1.91 0.00	18.06 -1.59 0.00	17.51 -1.54 0.00	16.80 -1.60 0.00	16.35 -1.62 0.00	15.82 -1.64 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.98 -1.75 0.00	25.75 -2.52 0.00	30.00 -2.12 0.00	27.20 -2.72 0.00	22.64 -1.94 0.00	19.39 -1.33 0.00	19.17 -0.51 0.00
HOLTSVILLE_IC_1 23690	20.07 0.60 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.80 0.45 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.95 0.90 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.71 1.44 0.00	34.21 2.09 0.00	31.78 1.86 0.00	27.21 1.45 -1.18	23.68 1.01 -1.96	20.28 0.59 0.00
HOLTSVILLE_IC_10 23699	20.15 0.68 0.00	18.38 0.59 0.00	18.00 0.61 0.00	17.86 0.50 0.00	18.74 0.62 0.00	22.21 0.69 0.00	30.26 1.65 -1.10	34.91 2.28 0.00	30.71 1.54 0.00	24.39 1.36 0.00	20.75 1.10 0.00	20.03 0.97 0.00	19.23 0.83 0.00	18.74 0.77 0.00	18.33 0.87 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.85 1.58 0.00	34.37 2.25 0.00	31.96 2.04 0.00	27.36 1.60 -1.18	23.81 1.14 -1.96	20.38 0.69 0.00
HOLTSVILLE_IC_2 23691	20.07 0.60 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.80 0.45 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.95 0.90 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.71 1.44 0.00	34.21 2.09 0.00	31.78 1.86 0.00	27.21 1.45 -1.18	23.68 1.01 -1.96	20.28 0.59 0.00
HOLTSVILLE_IC_3 23692	20.07 0.60 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.80 0.45 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.95 0.90 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.71 1.44 0.00	34.21 2.09 0.00	31.78 1.86 0.00	27.21 1.45 -1.18	23.68 1.01 -1.96	20.28 0.59 0.00
HOLTSVILLE_IC_4 23693	20.07 0.60 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.80 0.45 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.95 0.90 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.71 1.44 0.00	34.21 2.09 0.00	31.78 1.86 0.00	27.21 1.45 -1.18	23.68 1.01 -1.96	20.28 0.59 0.00
HOLTSVILLE_IC_5 23694	20.07 0.60 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.80 0.45 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.95 0.90 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.71 1.44 0.00	34.21 2.09 0.00	31.78 1.86 0.00	27.21 1.45 -1.18	23.68 1.01 -1.96	20.28 0.59 0.00
HOLTSVILLE_IC_6 23695	20.15 0.68 0.00	18.38 0.59 0.00	18.00 0.61 0.00	17.86 0.50 0.00	18.74 0.62 0.00	22.21 0.69 0.00	30.26 1.65 -1.10	34.91 2.28 0.00	30.71 1.54 0.00	24.39 1.36 0.00	20.75 1.10 0.00	20.03 0.97 0.00	19.23 0.83 0.00	18.74 0.77 0.00	18.33 0.87 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.85 1.58 0.00	34.37 2.25 0.00	31.96 2.04 0.00	27.36 1.60 -1.18	23.81 1.14 -1.96	20.38 0.69 0.00
HOLTSVILLE_IC_7 23696	20.15 0.68 0.00	18.38 0.59 0.00	18.00 0.61 0.00	17.86 0.50 0.00	18.74 0.62 0.00	22.21 0.69 0.00	30.26 1.65 -1.10	34.91 2.28 0.00	30.71 1.54 0.00	24.39 1.36 0.00	20.75 1.10 0.00	20.03 0.97 0.00	19.23 0.83 0.00	18.74 0.77 0.00	18.33 0.87 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.85 1.58 0.00	34.37 2.25 0.00	31.96 2.04 0.00	27.36 1.60 -1.18	23.81 1.14 -1.96	20.38 0.69 0.00
HOLTSVILLE_IC_8 23697	20.15 0.68 0.00	18.38 0.59 0.00	18.00 0.61 0.00	17.86 0.50 0.00	18.74 0.62 0.00	22.21 0.69 0.00	30.26 1.65 -1.10	34.91 2.28 0.00	30.71 1.54 0.00	24.39 1.36 0.00	20.75 1.10 0.00	20.03 0.97 0.00	19.23 0.83 0.00	18.74 0.77 0.00	18.33 0.87 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.85 1.58 0.00	34.37 2.25 0.00	31.96 2.04 0.00	27.36 1.60 -1.18	23.81 1.14 -1.96	20.38 0.69 0.00
HOLTSVILLE_IC_9 23698	20.15 0.68 0.00	18.38 0.59 0.00	18.00 0.61 0.00	17.86 0.50 0.00	18.74 0.62 0.00	22.21 0.69 0.00	30.26 1.65 -1.10	34.91 2.28 0.00	30.71 1.54 0.00	24.39 1.36 0.00	20.75 1.10 0.00	20.03 0.97 0.00	19.23 0.83 0.00	18.74 0.77 0.00	18.33 0.87 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.14 1.41 0.00	29.85 1.58 0.00	34.37 2.25 0.00	31.96 2.04 0.00	27.36 1.60 -1.18	23.81 1.14 -1.96	20.38 0.69 0.00
HOMER_HL_115KV_TB2 355744	18.40 -1.07 0.00	17.06 -0.73 0.00	16.73 -0.66 0.00	16.76 -0.59 0.00	17.62 -0.51 0.00	20.90 -0.62 0.00	26.10 -1.40 0.00	30.31 -2.32 0.00	27.36 -1.81 0.00	22.00 -1.04 0.00	18.81 -0.85 0.00	18.22 -0.84 0.00	17.48 -0.92 0.00	17.02 -0.95 0.00	16.48 -0.98 0.00	16.87 -0.96 0.00	18.75 -0.70 0.00	21.87 -0.86 0.00	26.91 -1.36 0.00	31.06 -1.06 0.00	28.52 -1.41 0.00	23.60 -0.98 0.00	20.09 -0.62 0.00	19.78 0.10 0.00
HOWARD_WT_PWR 323690	19.72 0.25 0.00	18.01 0.21 0.00	17.56 0.17 0.00	17.51 0.16 0.00	18.35 0.22 0.00	21.78 0.26 0.00	27.65 0.14 0.00	32.92 0.29 0.00	29.61 0.44 0.00	23.47 0.44 0.00	20.01 0.35 0.00	19.42 0.36 0.00	18.68 0.28 0.00	18.17 0.20 0.00	17.60 0.14 0.00	18.01 0.18 0.00	19.65 0.19 0.00	22.96 0.23 0.00	28.61 0.34 0.00	33.15 1.03 0.00	30.40 0.48 0.00	25.00 0.42 0.00	21.10 0.39 0.00	20.36 0.67 0.00
HQ_GEN_CEDARS 23644	19.47 0.00 0.00	17.77 -0.02 0.00	17.35 -0.03 0.00	17.30 -0.05 0.00	18.06 -0.07 0.00	21.41 -0.11 0.00	27.43 -0.08 0.00	32.17 -0.46 0.00	29.05 -0.12 0.00	22.94 -0.09 0.00	19.59 -0.06 0.00	18.96 -0.10 0.00	18.31 -0.09 0.00	17.88 -0.09 0.00	17.35 -0.10 0.00	17.71 -0.12 0.00	19.37 -0.08 0.00	22.71 -0.02 0.00	28.27 0.00 0.00	31.73 -0.39 0.00	29.90 -0.03 0.00	24.63 0.05 0.00	20.73 0.02 0.00	19.65 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	19.31 0.00 0.16	17.93 -0.02 -0.16	17.35 -0.03 0.00	17.30 -0.05 0.00	18.06 -0.07 0.00	21.42 -0.11 0.00	27.43 -0.08 0.00	32.17 -0.46 0.00	29.05 -0.12 0.00	22.94 -0.09 0.00	19.59 -0.06 0.00	18.96 -0.09 0.00	18.31 -0.09 0.00	17.88 -0.09 0.00	17.35 -0.10 0.00	17.71 -0.12 0.00	19.37 -0.08 0.00	22.71 -0.02 0.00	28.24 -0.03 0.00	31.70 -0.42 0.00	29.90 -0.03 0.00	24.63 0.05 0.00	20.71 0.00 0.00	19.65 -0.04 0.00

HQ_GEN_IMPORT 323601	19.32 0.02 0.16	17.95 0.00 -0.16	17.39 0.00 0.00	17.35 0.00 0.00	18.11 -0.02 0.00	21.50 -0.02 0.00	29.74 -0.03 -2.26	30.04 -0.33 2.26	29.14 -0.03 0.00	23.01 -0.02 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.39 -0.02 0.00	17.95 -0.02 0.00	17.44 -0.02 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	30.01 0.00 -1.74	30.04 -0.29 1.79	29.97 0.00 -0.05	24.61 0.02 0.00	20.73 0.02 0.00	19.69 0.00 0.00
HQ_GEN_WHEEL 23651	19.32 0.02 0.16	17.95 0.00 -0.16	17.39 0.00 0.00	17.35 0.00 0.00	18.11 -0.02 0.00	21.50 -0.02 0.00	29.74 -0.03 -2.26	30.04 -0.33 2.26	29.14 -0.03 0.00	23.01 -0.02 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.39 -0.02 0.00	17.95 -0.02 0.00	17.44 -0.02 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	30.01 0.00 -1.74	30.04 -0.29 1.79	29.97 0.00 -0.05	24.61 0.02 0.00	20.73 0.02 0.00	19.69 0.00 0.00
HUDSON AVE_GT_3 23810	19.99 0.53 0.00	18.11 0.32 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.05 1.93 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.00 0.31 0.00
HUDSON AVE_GT_4 23540	19.99 0.53 0.00	18.11 0.32 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.05 1.93 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.00 0.31 0.00
HUDSON AVE_GT_5 23657	19.99 0.53 0.00	18.11 0.32 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.81 0.84 0.00	18.36 0.91 0.00	18.76 0.93 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.05 1.93 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.00 0.31 0.00
HUDSON_AVE_10 24168	19.93 0.47 0.00	18.08 0.28 0.00	17.70 0.31 0.00	17.65 0.30 0.00	18.40 0.27 0.00	21.82 0.30 0.00	28.20 0.69 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.80 1.07 0.00	29.54 1.27 0.00	34.02 1.90 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.33 0.62 0.00	19.96 0.28 0.00
HUDSON___115KV_TB 4 355613	20.22 0.76 0.00	18.47 0.68 0.00	18.03 0.64 0.00	18.01 0.66 0.00	18.80 0.67 0.00	22.38 0.86 0.00	28.80 1.29 0.00	34.46 1.83 0.00	30.40 1.23 0.00	23.77 0.74 0.00	20.24 0.59 0.00	19.59 0.53 0.00	18.92 0.52 0.00	18.45 0.49 0.00	17.96 0.51 0.00	-13.80 0.46 32.10	8.22 0.54 11.77	23.33 0.61 0.01	29.10 0.85 0.01	33.31 1.19 0.00	30.91 0.99 0.00	25.30 0.71 0.00	21.25 0.54 0.00	20.02 0.33 0.00
HUNTER MOUNT___DRP 323613	20.36 0.90 0.00	18.57 0.78 0.00	18.14 0.75 0.00	18.12 0.76 0.00	18.91 0.78 0.00	22.51 0.99 0.00	28.97 1.46 0.00	34.62 1.99 0.00	30.54 1.37 0.00	23.82 0.78 0.00	20.24 0.59 0.00	19.57 0.51 0.00	18.92 0.52 0.00	18.44 0.47 0.00	17.95 0.49 0.00	-29.09 0.45 47.37	2.60 0.53 17.37	23.28 0.57 0.02	29.01 0.76 0.02	33.21 1.09 0.00	30.85 0.93 0.00	25.27 0.69 0.00	21.21 0.50 0.00	20.02 0.33 0.00
HUNTINGTON_RES_REC 323705	20.22 0.76 0.00	18.43 0.64 0.00	18.05 0.66 0.00	17.94 0.59 0.00	18.80 0.67 0.00	22.30 0.77 0.00	30.26 1.65 -1.10	34.98 2.35 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.81 1.16 0.00	20.10 1.05 0.00	19.32 0.92 0.00	18.85 0.88 0.00	18.43 0.98 0.00	18.92 1.09 0.00	20.74 1.28 0.00	24.30 1.57 0.00	30.02 1.75 0.00	34.59 2.47 0.00	32.05 2.12 0.00	27.43 1.67 -1.18	23.88 1.20 -1.96	20.45 0.77 0.00
HUNTLEY___63 23557	17.67 -1.79 0.00	16.49 -1.30 0.00	16.14 -1.25 0.00	16.19 -1.16 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.19 -2.98 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.49 -1.56 0.00	16.78 -1.62 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.96 -1.77 0.00	25.58 -2.69 0.00	29.20 -2.92 0.00	27.02 -2.90 0.00	22.47 -2.11 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00
HUNTLEY___64 23558	17.67 -1.79 0.00	16.49 -1.30 0.00	16.14 -1.25 0.00	16.19 -1.16 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.19 -2.98 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.49 -1.56 0.00	16.78 -1.62 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.96 -1.77 0.00	25.58 -2.69 0.00	29.20 -2.92 0.00	27.02 -2.90 0.00	22.47 -2.11 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00
HUNTLEY___65 23559	17.67 -1.79 0.00	16.49 -1.30 0.00	16.14 -1.25 0.00	16.19 -1.16 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.19 -2.98 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.49 -1.56 0.00	16.78 -1.62 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.96 -1.77 0.00	25.58 -2.69 0.00	29.20 -2.92 0.00	27.02 -2.90 0.00	22.47 -2.11 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00
HUNTLEY___66 23560	17.67 -1.79 0.00	16.49 -1.30 0.00	16.14 -1.25 0.00	16.19 -1.16 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.19 -2.98 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.49 -1.56 0.00	16.78 -1.62 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.96 -1.77 0.00	25.58 -2.69 0.00	29.20 -2.92 0.00	27.02 -2.90 0.00	22.47 -2.11 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00
HUNTLEY___67 23561	17.67 -1.79 0.00	16.47 -1.32 0.00	16.12 -1.27 0.00	16.17 -1.18 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.17 -3.00 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.47 -1.58 0.00	16.80 -1.60 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.94 -1.80 0.00	25.55 -2.71 0.00	29.17 -2.96 0.00	26.99 -2.93 0.00	22.44 -2.14 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00
HUNTLEY___68 23562	17.67 -1.79 0.00	16.47 -1.32 0.00	16.12 -1.27 0.00	16.17 -1.18 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.17 -3.00 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.47 -1.58 0.00	16.80 -1.60 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.94 -1.80 0.00	25.55 -2.71 0.00	29.17 -2.96 0.00	26.99 -2.93 0.00	22.44 -2.14 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00

HYLAND___LFGE 323620	19.72 0.25 0.00	18.04 0.25 0.00	17.61 0.23 0.00	17.54 0.19 0.00	18.38 0.25 0.00	21.37 -0.15 0.00	26.93 -0.58 0.00	31.78 -0.85 0.00	28.21 -0.96 0.00	22.46 -0.57 0.00	18.92 -0.73 0.00	18.85 -0.21 0.00	17.93 -0.48 0.00	17.41 -0.56 0.00	16.90 -0.56 0.00	17.33 -0.50 0.00	19.10 -0.35 0.00	21.98 -0.75 0.00	27.45 -0.82 0.00	32.22 0.10 0.00	29.51 -0.42 0.00	24.34 -0.25 0.00	20.59 -0.12 0.00	19.82 0.14 0.00
INDECK___CORINTH 23802	20.05 0.58 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.87 0.52 0.00	18.67 0.54 0.00	22.30 0.77 0.00	28.83 1.32 0.00	34.45 1.83 0.00	30.42 1.25 0.00	23.86 0.83 0.00	20.30 0.65 0.00	19.63 0.57 0.00	18.94 0.53 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.39 0.55 0.00	20.07 0.62 0.00	23.57 0.84 0.00	29.51 1.24 0.00	33.66 1.54 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.31 0.60 0.00	20.10 0.41 0.00
INDECK___ILION 23567	19.74 0.27 0.00	18.06 0.27 0.00	17.63 0.24 0.00	17.61 0.26 0.00	18.40 0.27 0.00	21.87 0.34 0.00	27.95 0.44 0.00	33.28 0.65 0.00	29.64 0.47 0.00	23.36 0.32 0.00	19.93 0.28 0.00	19.32 0.27 0.00	18.66 0.26 0.00	18.22 0.25 0.00	17.70 0.24 0.00	18.08 0.25 0.00	19.74 0.29 0.00	23.07 0.34 0.00	28.72 0.45 0.00	32.76 0.64 0.00	30.43 0.51 0.00	24.98 0.39 0.00	21.02 0.31 0.00	19.94 0.26 0.00
INDECK___OLEAN 23982	18.69 -0.78 0.00	17.13 -0.66 0.00	16.73 -0.66 0.00	16.76 -0.59 0.00	17.62 -0.51 0.00	21.01 -0.52 0.00	26.11 -1.40 0.00	30.31 -2.32 0.00	27.36 -1.81 0.00	22.00 -1.04 0.00	18.81 -0.84 0.00	18.22 -0.84 0.00	17.48 -0.92 0.00	17.02 -0.95 0.00	16.48 -0.98 0.00	16.87 -0.96 0.00	18.75 -0.70 0.00	21.87 -0.86 0.00	26.94 -1.33 0.00	31.41 -0.71 0.00	28.52 -1.41 0.00	23.62 -0.96 0.00	20.11 -0.60 0.00	19.78 0.10 0.00
INDECK___OSWEGO 23783	19.13 -0.33 0.00	17.49 -0.30 0.00	17.09 -0.30 0.00	17.06 -0.30 0.00	17.84 -0.29 0.00	21.20 -0.32 0.00	26.88 -0.63 0.00	31.88 -0.75 0.00	28.44 -0.73 0.00	22.46 -0.57 0.00	19.18 -0.47 0.00	18.60 -0.46 0.00	17.93 -0.48 0.00	17.50 -0.47 0.00	16.97 -0.49 0.00	17.33 -0.50 0.00	18.91 -0.54 0.00	22.07 -0.66 0.00	27.42 -0.85 0.00	31.44 -0.68 0.00	29.09 -0.84 0.00	23.94 -0.64 0.00	20.36 -0.35 0.00	19.47 -0.22 0.00
INDECK___YERKES 23781	18.12 -1.34 0.00	16.60 -1.19 0.00	16.15 -1.23 0.00	16.21 -1.15 0.00	16.97 -1.16 0.00	20.32 -1.20 0.00	24.84 -2.67 0.00	28.68 -3.95 0.00	26.22 -2.95 0.00	21.12 -1.91 0.00	18.06 -1.59 0.00	17.49 -1.56 0.00	16.80 -1.60 0.00	16.39 -1.58 0.00	15.83 -1.62 0.00	16.23 -1.60 0.00	17.99 -1.46 0.00	20.98 -1.75 0.00	25.61 -2.66 0.00	29.84 -2.28 0.00	27.05 -2.87 0.00	22.52 -2.06 0.00	19.28 -1.43 0.00	19.08 -0.61 0.00
INDIAN POINT_GT_1 24139	19.89 0.43 0.00	18.08 0.28 0.00	17.70 0.31 0.00	17.65 0.30 0.00	18.42 0.29 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.10 1.47 0.00	30.10 0.93 0.00	23.82 0.78 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.62 0.65 0.00	18.16 0.70 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.62 0.89 0.00	29.34 1.07 0.00	33.76 1.64 0.00	31.06 1.14 0.00	25.39 0.81 0.00	21.25 0.54 0.00	19.92 0.24 0.00
INDIAN POINT_GT_2 23659	19.89 0.43 0.00	18.08 0.28 0.00	17.70 0.31 0.00	17.65 0.30 0.00	18.42 0.29 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.10 1.47 0.00	30.10 0.93 0.00	23.82 0.78 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.62 0.65 0.00	18.16 0.70 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.62 0.89 0.00	29.34 1.07 0.00	33.76 1.64 0.00	31.06 1.14 0.00	25.39 0.81 0.00	21.25 0.54 0.00	19.92 0.24 0.00
INDIAN POINT_GT_3 24019	19.89 0.43 0.00	18.08 0.28 0.00	17.70 0.31 0.00	17.65 0.30 0.00	18.42 0.29 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.10 1.47 0.00	30.10 0.93 0.00	23.82 0.78 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.62 0.65 0.00	18.16 0.70 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.62 0.89 0.00	29.34 1.07 0.00	33.76 1.64 0.00	31.06 1.14 0.00	25.39 0.81 0.00	21.25 0.54 0.00	19.92 0.24 0.00
INDIAN POINT___2 23530	19.78 0.31 0.00	18.04 0.25 0.00	17.66 0.28 0.00	17.63 0.28 0.00	18.40 0.27 0.00	21.80 0.28 0.00	28.17 0.66 0.00	34.03 1.40 0.00	30.08 0.91 0.00	23.77 0.74 0.00	20.28 0.63 0.00	19.63 0.57 0.00	18.99 0.59 0.00	18.58 0.61 0.00	18.14 0.68 0.00	18.55 0.71 0.00	20.13 0.68 0.00	23.57 0.84 0.00	29.28 1.02 0.00	33.63 1.51 0.00	31.03 1.11 0.00	25.32 0.74 0.00	21.15 0.44 0.00	19.90 0.22 0.00
INDIAN POINT___3 23531	19.87 0.41 0.00	18.06 0.27 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.42 0.29 0.00	21.84 0.32 0.00	28.20 0.69 0.00	34.06 1.44 0.00	30.07 0.90 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.99 0.59 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.60 0.86 0.00	29.31 1.05 0.00	33.73 1.61 0.00	31.03 1.11 0.00	25.37 0.79 0.00	21.23 0.52 0.00	19.92 0.24 0.00
INGHAM_C_115KV_TB7 356103	19.97 0.51 0.00	18.27 0.48 0.00	17.86 0.47 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	28.28 0.77 0.00	33.64 1.01 0.00	29.93 0.76 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.53 0.48 0.00	18.85 0.44 0.00	18.40 0.43 0.00	17.86 0.40 0.00	18.24 0.41 0.00	19.94 0.49 0.00	23.32 0.59 0.00	29.03 0.76 0.00	33.15 1.03 0.00	30.76 0.84 0.00	25.27 0.69 0.00	21.27 0.56 0.00	20.18 0.49 0.00
IP CORINTH___1 23988	20.09 0.62 0.00	18.32 0.53 0.00	17.87 0.49 0.00	17.87 0.52 0.00	18.67 0.54 0.00	22.32 0.80 0.00	28.83 1.32 0.00	34.46 1.83 0.00	30.42 1.25 0.00	23.86 0.83 0.00	20.30 0.65 0.00	19.63 0.57 0.00	18.94 0.53 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.39 0.55 0.00	20.07 0.62 0.00	23.57 0.84 0.00	29.48 1.22 0.00	33.73 1.61 0.00	31.30 1.38 0.00	25.54 0.96 0.00	21.39 0.68 0.00	20.10 0.41 0.00
IP___TICONDEROGA 23804	20.69 1.23 0.00	18.84 1.05 0.00	18.38 0.99 0.00	18.38 1.02 0.00	19.20 1.07 0.00	23.09 1.57 0.00	29.96 2.45 0.00	35.70 3.07 0.00	31.45 2.28 0.00	24.60 1.57 0.00	20.87 1.22 0.00	20.08 1.03 0.00	19.38 0.98 0.00	18.83 0.86 0.00	18.29 0.84 0.00	18.80 0.96 0.00	20.54 1.09 0.00	24.21 1.48 0.00	30.39 2.12 0.00	34.79 2.67 0.00	32.35 2.42 0.00	26.33 1.75 0.00	22.00 1.28 0.00	20.61 0.93 0.00
ISLIP_RES_REC 323679	20.22 0.76 0.00	18.45 0.66 0.00	18.07 0.68 0.00	17.93 0.57 0.00	18.82 0.69 0.00	22.30 0.77 0.00	30.40 1.79 -1.10	35.08 2.45 0.00	30.86 1.69 0.00	24.49 1.45 0.00	20.83 1.18 0.00	20.10 1.05 0.00	19.29 0.88 0.00	18.81 0.84 0.00	18.40 0.94 0.00	18.90 1.07 0.00	20.75 1.30 0.00	24.26 1.52 0.00	29.99 1.72 0.00	34.56 2.44 0.00	32.14 2.21 0.00	27.50 1.75 -1.18	23.92 1.24 -1.97	20.45 0.77 0.00

JAMAICA__27_KV_LOAD 355505	20.03 0.56 0.00	18.15 0.36 0.00	17.77 0.38 0.00	17.72 0.36 0.00	18.47 0.34 0.00	21.93 0.41 0.00	28.36 0.85 0.00	34.42 1.79 0.00	30.48 1.31 0.00	24.16 1.13 0.00	20.59 0.94 0.00	19.93 0.88 0.00	19.27 0.87 0.00	18.94 0.97 0.00	18.49 1.03 0.00	18.89 1.05 0.00	20.44 0.99 0.00	24.03 1.30 0.00	29.79 1.53 0.00	34.34 2.22 0.00	31.57 1.65 0.00	25.69 1.11 0.00	21.48 0.77 0.00	20.08 0.39 0.00
JANIS__SOLAR 323808	20.32 0.86 0.00	18.57 0.78 0.00	18.12 0.73 0.00	18.10 0.75 0.00	18.94 0.82 0.00	22.60 1.08 0.00	28.75 1.24 0.00	34.32 1.70 0.00	30.48 1.31 0.00	23.86 0.83 0.00	20.20 0.55 0.00	19.47 0.42 0.00	18.79 0.39 0.00	18.31 0.34 0.00	17.77 0.31 0.00	18.24 0.41 0.00	20.02 0.56 0.00	23.60 0.86 0.00	29.51 1.24 0.00	34.18 2.06 0.00	31.39 1.47 0.00	25.81 1.23 0.00	21.81 1.10 0.00	20.87 1.18 0.00
JARVIS____ 23743	19.50 0.04 0.00	17.83 0.04 0.00	17.42 0.03 0.00	17.39 0.03 0.00	18.16 0.04 0.00	21.59 0.06 0.00	27.62 0.11 0.00	32.86 0.23 0.00	29.29 0.12 0.00	23.10 0.07 0.00	19.71 0.06 0.00	19.11 0.06 0.00	18.46 0.06 0.00	18.02 0.05 0.00	17.53 0.07 0.00	17.90 0.07 0.00	19.51 0.06 0.00	22.80 0.07 0.00	28.38 0.11 0.00	32.31 0.19 0.00	30.05 0.12 0.00	24.66 0.07 0.00	20.75 0.04 0.00	19.71 0.02 0.00
JENNISON____1 23625	20.28 0.82 0.00	18.59 0.80 0.00	18.15 0.77 0.00	18.13 0.78 0.00	18.98 0.85 0.00	22.64 1.12 0.00	28.91 1.40 0.00	34.55 1.93 0.00	30.69 1.52 0.00	24.12 1.08 0.00	20.44 0.79 0.00	19.74 0.69 0.00	19.07 0.66 0.00	18.58 0.61 0.00	18.03 0.58 0.00	18.49 0.66 0.00	20.23 0.78 0.00	23.73 1.00 0.00	29.65 1.39 0.00	34.18 2.06 0.00	31.48 1.56 0.00	25.86 1.28 0.00	21.79 1.08 0.00	20.81 1.12 0.00
JENNISON____2 23626	20.28 0.82 0.00	18.59 0.80 0.00	18.15 0.77 0.00	18.13 0.78 0.00	18.98 0.85 0.00	22.64 1.12 0.00	28.91 1.40 0.00	34.55 1.93 0.00	30.69 1.52 0.00	24.12 1.08 0.00	20.44 0.79 0.00	19.74 0.69 0.00	19.07 0.66 0.00	18.58 0.61 0.00	18.03 0.58 0.00	18.49 0.66 0.00	20.23 0.78 0.00	23.73 1.00 0.00	29.65 1.39 0.00	34.18 2.06 0.00	31.48 1.56 0.00	25.86 1.28 0.00	21.79 1.08 0.00	20.81 1.12 0.00
JERICOHO_RISE_WT_PWR 323719	19.97 0.51 0.00	18.09 0.30 0.00	17.65 0.26 0.00	17.56 0.21 0.00	18.33 0.20 0.00	21.69 0.17 0.00	27.81 0.30 0.00	32.63 0.00 0.00	29.43 0.26 0.00	23.29 0.25 0.00	19.89 0.24 0.00	19.25 0.19 0.00	18.59 0.18 0.00	18.13 0.16 0.00	17.60 0.14 0.00	17.98 0.14 0.00	19.69 0.23 0.00	23.09 0.36 0.00	28.72 0.45 0.00	32.25 0.13 0.00	30.31 0.39 0.00	25.22 0.64 0.00	21.17 0.46 0.00	20.10 0.41 0.00
KATONAH__115KV_46KV_TB4 355592	20.03 0.56 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.77 0.42 0.00	18.51 0.38 0.00	22.00 0.47 0.00	28.39 0.88 0.00	34.36 1.73 0.00	30.37 1.20 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.71 0.74 0.00	18.24 0.79 0.00	18.65 0.82 0.00	20.27 0.82 0.00	23.75 1.02 0.00	29.54 1.27 0.00	33.95 1.83 0.00	31.27 1.35 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.04 0.35 0.00
KCE_NY_1 323755	20.07 0.60 0.00	18.34 0.55 0.00	17.91 0.52 0.00	17.89 0.54 0.00	18.69 0.56 0.00	22.27 0.75 0.00	28.75 1.24 0.00	34.32 1.70 0.00	30.34 1.17 0.00	23.82 0.78 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.98 0.57 0.00	18.51 0.54 0.00	17.98 0.52 0.00	18.42 0.59 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.45 1.19 0.00	33.60 1.48 0.00	31.21 1.29 0.00	25.52 0.93 0.00	21.31 0.60 0.00	20.14 0.45 0.00
KCE_NY_6_ESR 323823	18.32 -1.15 0.00	16.78 -1.01 0.00	16.33 -1.06 0.00	16.38 -0.97 0.00	17.17 -0.96 0.00	20.55 -0.97 0.00	25.25 -2.26 0.00	29.17 -3.46 0.00	26.60 -2.57 0.00	21.42 -1.61 0.00	18.33 -1.32 0.00	17.76 -1.30 0.00	17.06 -1.34 0.00	16.62 -1.35 0.00	16.08 -1.38 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.30 -1.43 0.00	26.06 -2.20 0.00	30.35 -1.77 0.00	27.53 -2.40 0.00	22.89 -1.70 0.00	19.59 -1.12 0.00	19.37 -0.32 0.00
KEDC_PORT_JEFF_GT2 24210	20.13 0.66 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.86 0.50 0.00	18.73 0.60 0.00	22.19 0.67 0.00	30.23 1.62 -1.10	34.85 2.22 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.65 1.00 0.00	19.93 0.88 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.26 0.80 0.00	18.76 0.93 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.74 1.47 0.00	34.24 2.12 0.00	31.90 1.97 0.00	27.33 1.57 -1.18	23.79 1.12 -1.96	20.36 0.67 0.00
KEDC_PORT_JEFF_GT3 24211	20.13 0.66 0.00	18.36 0.57 0.00	17.98 0.59 0.00	17.86 0.50 0.00	18.73 0.60 0.00	22.19 0.67 0.00	30.23 1.62 -1.10	34.85 2.22 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.65 1.00 0.00	19.93 0.88 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.26 0.80 0.00	18.76 0.93 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.74 1.47 0.00	34.24 2.12 0.00	31.90 1.97 0.00	27.33 1.57 -1.18	23.79 1.12 -1.96	20.36 0.67 0.00
KEDC_GLWD_GT4 24219	20.21 0.74 0.00	18.40 0.61 0.00	18.01 0.63 0.00	17.93 0.57 0.00	18.76 0.63 0.00	22.25 0.73 0.00	30.07 1.46 -1.10	34.88 2.25 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.83 1.18 0.00	20.14 1.09 0.00	19.38 0.97 0.00	18.92 0.95 0.00	18.49 1.03 0.00	18.96 1.12 0.00	20.70 1.25 0.00	24.26 1.52 0.00	30.02 1.75 0.00	34.56 2.44 0.00	31.90 1.97 0.00	27.28 1.52 -1.18	24.06 1.08 -2.27	20.40 0.71 0.00
KEDC_GLWD_GT5 24220	20.21 0.74 0.00	18.40 0.61 0.00	18.01 0.63 0.00	17.93 0.57 0.00	18.76 0.63 0.00	22.25 0.73 0.00	30.07 1.46 -1.10	34.88 2.25 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.83 1.18 0.00	20.14 1.09 0.00	19.38 0.97 0.00	18.92 0.95 0.00	18.49 1.03 0.00	18.96 1.12 0.00	20.70 1.25 0.00	24.26 1.52 0.00	30.02 1.75 0.00	34.56 2.44 0.00	31.90 1.97 0.00	27.28 1.52 -1.18	24.06 1.08 -2.27	20.40 0.71 0.00
KENSICO____ 23655	19.93 0.47 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.91 0.39 0.00	28.28 0.77 0.00	34.16 1.53 0.00	30.19 1.02 0.00	23.89 0.85 0.00	20.36 0.71 0.00	19.72 0.67 0.00	19.07 0.66 0.00	18.67 0.70 0.00	18.23 0.77 0.00	18.64 0.80 0.00	20.23 0.78 0.00	23.69 0.95 0.00	29.43 1.16 0.00	33.85 1.73 0.00	31.15 1.23 0.00	25.44 0.86 0.00	21.31 0.60 0.00	19.98 0.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.05 0.58 0.00	18.20 0.41 0.00	17.80 0.42 0.00	17.75 0.40 0.00	18.54 0.42 0.00	22.02 0.50 0.00	28.36 0.85 0.00	34.26 1.63 0.00	30.25 1.08 0.00	23.77 0.74 0.00	20.20 0.55 0.00	19.57 0.51 0.00	18.92 0.52 0.00	18.51 0.54 0.00	18.07 0.61 0.00	11.99 0.80 6.65	17.83 0.82 2.44	23.73 1.00 0.00	29.51 1.24 0.00	34.05 1.93 0.00	31.36 1.44 0.00	25.66 1.08 0.00	21.42 0.70 0.00	20.16 0.47 0.00

KIAC_JFK_GT1 23816	19.97 0.51 0.00	18.09 0.30 0.00	17.74 0.35 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.89 0.37 0.00	28.28 0.77 0.00	34.32 1.70 0.00	30.40 1.23 0.00	24.09 1.06 0.00	20.54 0.88 0.00	19.87 0.82 0.00	19.23 0.83 0.00	18.89 0.92 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.40 0.95 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.24 2.12 0.00	31.48 1.56 0.00	25.61 1.03 0.00	21.42 0.70 0.00	20.02 0.33 0.00
KIAC_JFK_GT2 23817	19.97 0.51 0.00	18.09 0.30 0.00	17.74 0.35 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.89 0.37 0.00	28.28 0.77 0.00	34.32 1.70 0.00	30.40 1.23 0.00	24.09 1.06 0.00	20.54 0.88 0.00	19.87 0.82 0.00	19.23 0.83 0.00	18.89 0.92 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.40 0.95 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.24 2.12 0.00	31.48 1.56 0.00	25.61 1.03 0.00	21.42 0.70 0.00	20.02 0.33 0.00
KIAC_JFK____ 323774	19.85 0.39 0.00	18.07 0.28 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.42 0.29 0.00	21.85 0.32 0.00	28.28 0.77 0.00	34.32 1.70 0.00	30.39 1.22 0.00	24.09 1.06 0.00	20.54 0.89 0.00	19.87 0.82 0.00	19.23 0.83 0.00	18.89 0.92 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.40 0.95 0.00	23.96 1.23 0.00	29.74 1.47 0.00	34.18 2.06 0.00	31.51 1.58 0.00	25.59 1.01 0.00	21.33 0.62 0.00	20.02 0.33 0.00
KINTIGH____ 23543	17.75 -1.71 0.00	16.49 -1.30 0.00	16.15 -1.23 0.00	16.17 -1.18 0.00	16.93 -1.20 0.00	20.10 -1.42 0.00	24.92 -2.59 0.00	28.94 -3.69 0.00	26.34 -2.83 0.00	21.17 -1.87 0.00	18.08 -1.57 0.00	17.51 -1.54 0.00	16.86 -1.55 0.00	16.42 -1.55 0.00	15.90 -1.55 0.00	16.28 -1.55 0.00	17.97 -1.48 0.00	20.96 -1.77 0.00	25.64 -2.63 0.00	29.23 -2.89 0.00	27.05 -2.87 0.00	22.47 -2.11 0.00	19.20 -1.51 0.00	18.92 -0.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.28 0.82 0.00	18.31 0.52 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.54 0.42 0.00	21.97 0.45 0.00	28.17 0.66 0.00	33.09 0.46 0.00	29.78 0.61 0.00	23.56 0.53 0.00	20.12 0.47 0.00	19.46 0.40 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.15 0.32 0.00	19.94 0.49 0.00	23.44 0.70 0.00	29.14 0.88 0.00	32.76 0.64 0.00	30.76 0.84 0.00	25.69 1.11 0.00	21.56 0.85 0.00	20.45 0.77 0.00
LACHUTE____HYDRO 323717	20.65 1.19 0.00	18.84 1.05 0.00	18.38 0.99 0.00	18.36 1.01 0.00	19.20 1.07 0.00	23.09 1.57 0.00	29.95 2.45 0.00	35.69 3.07 0.00	31.45 2.28 0.00	24.60 1.57 0.00	20.87 1.22 0.00	20.08 1.03 0.00	19.38 0.97 0.00	18.83 0.86 0.00	18.29 0.84 0.00	18.80 0.96 0.00	20.54 1.09 0.00	24.21 1.48 0.00	30.42 2.15 0.00	34.72 2.60 0.00	32.38 2.45 0.00	26.30 1.72 0.00	21.91 1.20 0.00	20.61 0.93 0.00
LAWRNCALV_115KV_TB1 80681	19.06 -0.41 0.00	17.38 -0.41 0.00	16.97 -0.42 0.00	16.90 -0.45 0.00	17.66 -0.47 0.00	20.96 -0.56 0.00	26.90 -0.61 0.00	31.58 -1.04 0.00	28.47 -0.70 0.00	22.48 -0.55 0.00	19.18 -0.47 0.00	18.56 -0.50 0.00	17.91 -0.50 0.00	17.48 -0.49 0.00	16.97 -0.49 0.00	17.33 -0.50 0.00	18.96 -0.49 0.00	22.25 -0.48 0.00	27.73 -0.54 0.00	31.19 -0.93 0.00	29.39 -0.54 0.00	24.21 -0.37 0.00	20.34 -0.37 0.00	19.25 -0.43 0.00
LEDERLE____ 23769	19.93 0.47 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.91 0.39 0.00	28.28 0.77 0.00	34.16 1.53 0.00	30.16 0.99 0.00	23.86 0.83 0.00	20.34 0.69 0.00	19.68 0.63 0.00	19.03 0.63 0.00	18.63 0.66 0.00	18.19 0.73 0.00	18.62 0.78 0.00	20.21 0.76 0.00	23.64 0.91 0.00	29.37 1.10 0.00	33.82 1.70 0.00	31.12 1.20 0.00	25.44 0.86 0.00	21.29 0.58 0.00	19.98 0.30 0.00
LIGHTHSE_115KV_TB6 355974	19.00 -0.47 0.00	17.40 -0.39 0.00	17.01 -0.38 0.00	16.97 -0.38 0.00	17.77 -0.36 0.00	21.13 -0.39 0.00	26.85 -0.66 0.00	31.91 -0.72 0.00	28.41 -0.76 0.00	22.41 -0.62 0.00	19.06 -0.59 0.00	18.46 -0.59 0.00	17.82 -0.59 0.00	17.38 -0.59 0.00	16.86 -0.59 0.00	17.23 -0.61 0.00	18.85 -0.60 0.00	22.10 -0.64 0.00	27.53 -0.73 0.00	31.57 -0.55 0.00	29.27 -0.66 0.00	24.07 -0.52 0.00	20.32 -0.39 0.00	19.47 -0.22 0.00
LINDEN COGEN____ 23786	19.74 0.27 0.00	17.97 0.18 0.00	17.63 0.24 0.00	17.58 0.23 0.00	18.33 0.20 0.00	21.69 0.17 0.00	28.06 0.55 0.00	34.00 1.37 0.00	30.08 0.91 0.00	23.86 0.83 0.00	20.34 0.69 0.00	19.68 0.63 0.00	19.05 0.64 0.00	18.71 0.74 0.00	18.24 0.79 0.00	18.64 0.80 0.00	20.19 0.74 0.00	23.69 0.95 0.00	29.37 1.10 0.00	33.73 1.61 0.00	31.09 1.17 0.00	25.32 0.74 0.00	21.15 0.44 0.00	19.86 0.18 0.00
LINDHRST_69_KV_BK1 356055	20.34 0.88 0.00	18.45 0.66 0.00	18.05 0.66 0.00	17.96 0.61 0.00	18.80 0.67 0.00	22.34 0.82 0.00	30.23 1.62 -1.10	34.94 2.32 0.00	30.83 1.66 0.00	24.46 1.43 0.00	20.81 1.16 0.00	20.10 1.05 0.00	19.32 0.92 0.00	18.85 0.88 0.00	18.43 0.98 0.00	18.92 1.09 0.00	20.72 1.26 0.00	24.28 1.55 0.00	29.99 1.72 0.00	34.63 2.51 0.00	31.93 2.01 0.00	27.40 1.65 -1.17	24.02 1.24 -2.07	20.43 0.75 0.00
LIPA_MISC_IPP 23656	20.17 0.70 0.00	18.31 0.52 0.00	17.91 0.52 0.00	17.82 0.47 0.00	18.65 0.53 0.00	22.15 0.62 0.00	30.20 1.60 -1.10	34.78 2.15 0.00	30.66 1.49 0.00	24.30 1.27 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.28 0.82 0.00	18.78 0.95 0.00	20.60 1.15 0.00	24.00 1.27 0.00	29.68 1.41 0.00	34.27 2.15 0.00	31.69 1.77 0.00	27.23 1.47 -1.17	23.74 1.08 -1.95	20.24 0.55 0.00
LISF____SOLAR 323691	20.05 0.58 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.79 0.43 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.23 1.62 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.32 1.29 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.62 1.17 0.00	24.03 1.30 0.00	29.74 1.47 0.00	34.27 2.15 0.00	31.90 1.97 0.00	27.26 1.50 -1.18	23.70 1.04 -1.96	20.28 0.59 0.00
LITTLE FALLS____HYD 24013	19.97 0.51 0.00	18.27 0.48 0.00	17.86 0.47 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	28.28 0.77 0.00	33.64 1.01 0.00	29.93 0.76 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.53 0.48 0.00	18.85 0.44 0.00	18.40 0.43 0.00	17.86 0.40 0.00	18.24 0.41 0.00	19.94 0.49 0.00	23.32 0.59 0.00	29.03 0.76 0.00	33.15 1.03 0.00	30.76 0.84 0.00	25.27 0.69 0.00	21.27 0.56 0.00	20.18 0.49 0.00
LITTLRIV_115KV_TB1 356100	19.23 -0.23 0.00	17.52 -0.27 0.00	17.13 -0.26 0.00	17.06 -0.30 0.00	17.82 -0.31 0.00	21.18 -0.34 0.00	27.21 -0.30 0.00	31.94 -0.69 0.00	28.82 -0.35 0.00	22.73 -0.30 0.00	19.38 -0.28 0.00	18.73 -0.32 0.00	18.09 -0.31 0.00	17.66 -0.31 0.00	17.14 -0.31 0.00	17.49 -0.34 0.00	19.14 -0.31 0.00	22.44 -0.30 0.00	28.04 -0.23 0.00	31.54 -0.58 0.00	29.75 -0.18 0.00	24.48 -0.10 0.00	20.55 -0.17 0.00	19.43 -0.26 0.00

LI_NEWBRDGE___DRP 323616	20.07 0.60 0.00	18.22 0.43 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.54 0.42 0.00	22.04 0.52 0.00	29.73 1.13 -1.10	34.46 1.83 0.00	30.42 1.25 0.00	24.14 1.11 0.00	20.56 0.90 0.00	19.87 0.82 0.00	19.14 0.74 0.00	18.71 0.74 0.00	18.28 0.82 0.00	18.72 0.89 0.00	20.42 0.97 0.00	23.94 1.20 0.00	29.60 1.33 0.00	34.11 1.99 0.00	31.42 1.50 0.00	26.95 1.20 -1.17	23.47 0.89 -1.86	20.14 0.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.54 -1.93 0.00	16.37 -1.42 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.82 -1.31 0.00	19.99 -1.53 0.00	24.65 -2.86 0.00	28.42 -4.21 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.88 -1.77 0.00	17.34 -1.72 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.07 -1.77 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.36 -2.91 0.00	28.94 -3.18 0.00	26.78 -3.14 0.00	22.30 -2.29 0.00	19.08 -1.64 0.00	18.94 -0.75 0.00
LOCKPORT___CC1 323769	17.97 -1.50 0.00	16.46 -1.33 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.84 -1.29 0.00	20.19 -1.33 0.00	24.65 -2.86 0.00	28.39 -4.24 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.90 -1.75 0.00	17.34 -1.71 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.09 -1.75 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.38 -2.88 0.00	29.55 -2.57 0.00	26.78 -3.14 0.00	22.32 -2.26 0.00	19.14 -1.57 0.00	18.96 -0.73 0.00
LOCKPORT___CC2 323770	17.97 -1.50 0.00	16.46 -1.33 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.84 -1.29 0.00	20.19 -1.33 0.00	24.65 -2.86 0.00	28.39 -4.24 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.90 -1.75 0.00	17.34 -1.71 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.09 -1.75 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.38 -2.88 0.00	29.55 -2.57 0.00	26.78 -3.14 0.00	22.32 -2.26 0.00	19.14 -1.57 0.00	18.96 -0.73 0.00
LOCKPORT___CC3 323771	17.97 -1.50 0.00	16.46 -1.33 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.84 -1.29 0.00	20.19 -1.33 0.00	24.65 -2.86 0.00	28.39 -4.24 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.90 -1.75 0.00	17.34 -1.71 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.09 -1.75 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.38 -2.88 0.00	29.55 -2.57 0.00	26.78 -3.14 0.00	22.32 -2.26 0.00	19.14 -1.57 0.00	18.96 -0.73 0.00
LONG_LAKE_PHOENIX 24014	19.12 -0.35 0.00	17.51 -0.28 0.00	17.13 -0.26 0.00	17.09 -0.26 0.00	17.87 -0.25 0.00	21.22 -0.30 0.00	26.90 -0.61 0.00	31.98 -0.65 0.00	28.50 -0.67 0.00	22.53 -0.51 0.00	19.24 -0.41 0.00	18.64 -0.42 0.00	17.98 -0.42 0.00	17.54 -0.43 0.00	17.00 -0.45 0.00	17.39 -0.45 0.00	18.96 -0.49 0.00	22.14 -0.59 0.00	27.50 -0.76 0.00	31.45 -0.67 0.00	29.15 -0.78 0.00	23.97 -0.61 0.00	20.30 -0.41 0.00	19.51 -0.18 0.00
LOVETT___3 23632	19.86 0.39 0.00	18.04 0.25 0.00	17.67 0.28 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.82 0.30 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.26 0.61 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.56 0.59 0.00	18.12 0.66 0.00	18.53 0.70 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.26 0.99 0.00	33.66 1.54 0.00	31.00 1.08 0.00	25.32 0.74 0.00	21.21 0.50 0.00	19.88 0.20 0.00
LOVETT___4 23642	19.86 0.39 0.00	18.04 0.25 0.00	17.67 0.28 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.82 0.30 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.26 0.61 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.56 0.59 0.00	18.12 0.66 0.00	18.53 0.70 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.26 0.99 0.00	33.66 1.54 0.00	31.00 1.08 0.00	25.32 0.74 0.00	21.21 0.50 0.00	19.88 0.20 0.00
LOVETT___5 23593	19.86 0.39 0.00	18.04 0.25 0.00	17.67 0.28 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.82 0.30 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.26 0.61 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.56 0.59 0.00	18.12 0.66 0.00	18.53 0.70 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.26 0.99 0.00	33.66 1.54 0.00	31.00 1.08 0.00	25.32 0.74 0.00	21.21 0.50 0.00	19.88 0.20 0.00
LOWER RAQUET___HYD 24057	18.92 -0.54 0.00	17.26 -0.53 0.00	16.85 -0.54 0.00	16.78 -0.57 0.00	17.53 -0.60 0.00	20.81 -0.71 0.00	26.71 -0.80 0.00	31.39 -1.24 0.00	28.30 -0.87 0.00	22.34 -0.69 0.00	19.04 -0.61 0.00	18.41 -0.65 0.00	17.78 -0.63 0.00	17.36 -0.61 0.00	16.85 -0.61 0.00	17.21 -0.62 0.00	18.83 -0.62 0.00	22.10 -0.64 0.00	27.56 -0.71 0.00	30.97 -1.16 0.00	29.21 -0.72 0.00	24.09 -0.49 0.00	20.21 -0.50 0.00	19.13 -0.55 0.00
LOWER___HUDSON 24059	19.78 0.31 0.00	18.11 0.32 0.00	17.70 0.31 0.00	17.68 0.33 0.00	18.47 0.34 0.00	21.97 0.45 0.00	28.33 0.82 0.00	33.93 1.31 0.00	29.99 0.82 0.00	23.52 0.48 0.00	20.06 0.41 0.00	19.47 0.42 0.00	18.83 0.42 0.00	18.36 0.39 0.00	17.86 0.40 0.00	18.26 0.43 0.00	19.94 0.49 0.00	23.28 0.54 0.00	29.09 0.82 0.00	33.12 1.00 0.00	30.79 0.87 0.00	25.20 0.61 0.00	21.02 0.31 0.00	19.86 0.18 0.00
LOWVILLE_115KV_TB2 356335	19.13 -0.33 0.00	17.43 -0.36 0.00	17.06 -0.33 0.00	17.02 -0.33 0.00	17.84 -0.29 0.00	21.31 -0.22 0.00	27.29 -0.22 0.00	32.47 -0.16 0.00	28.85 -0.32 0.00	22.66 -0.37 0.00	19.20 -0.45 0.00	18.58 -0.48 0.00	17.93 -0.48 0.00	17.48 -0.49 0.00	16.99 -0.47 0.00	17.39 -0.45 0.00	19.08 -0.37 0.00	22.62 -0.11 0.00	28.35 0.08 0.00	32.54 0.42 0.00	30.23 0.30 0.00	24.80 0.22 0.00	20.84 0.12 0.00	19.78 0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.09 0.62 0.00	18.34 0.55 0.00	17.91 0.52 0.00	17.89 0.54 0.00	18.69 0.56 0.00	22.28 0.75 0.00	28.72 1.21 0.00	34.32 1.70 0.00	30.34 1.17 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.97 0.57 0.00	18.49 0.52 0.00	17.98 0.52 0.00	18.40 0.57 0.00	20.09 0.64 0.00	23.55 0.82 0.00	29.43 1.16 0.00	33.63 1.51 0.00	31.21 1.29 0.00	25.52 0.93 0.00	21.39 0.68 0.00	20.12 0.43 0.00
LUTHERNY_35_KV_BK2 355980	20.09 0.62 0.00	18.34 0.55 0.00	17.91 0.52 0.00	17.91 0.56 0.00	18.69 0.56 0.00	22.30 0.77 0.00	28.75 1.24 0.00	34.32 1.70 0.00	30.34 1.17 0.00	23.82 0.78 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.97 0.57 0.00	18.51 0.54 0.00	17.98 0.52 0.00	18.40 0.57 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.45 1.19 0.00	33.63 1.51 0.00	31.21 1.29 0.00	25.52 0.93 0.00	21.39 0.68 0.00	20.14 0.45 0.00
LWR___OSWEGATCHIE_HYD 23850	18.76 -0.70 0.00	17.10 -0.69 0.00	16.73 -0.66 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.77 -0.75 0.00	26.63 -0.88 0.00	31.52 -1.11 0.00	28.18 -0.99 0.00	22.18 -0.85 0.00	18.85 -0.81 0.00	18.24 -0.82 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.67 -0.79 0.00	17.03 -0.80 0.00	18.67 -0.78 0.00	22.00 -0.73 0.00	27.53 -0.73 0.00	31.32 -0.80 0.00	29.30 -0.63 0.00	24.09 -0.49 0.00	20.24 -0.48 0.00	19.17 -0.51 0.00

LYONS_FALL_HYD 23570	19.43 -0.04 0.00	17.72 -0.07 0.00	17.34 -0.05 0.00	17.30 -0.05 0.00	18.09 -0.04 0.00	21.61 0.09 0.00	27.65 0.14 0.00	32.95 0.33 0.00	29.29 0.12 0.00	23.03 0.00 0.00	19.53 -0.12 0.00	18.92 -0.13 0.00	18.26 -0.15 0.00	17.83 -0.14 0.00	17.32 -0.14 0.00	17.71 -0.12 0.00	19.41 -0.04 0.00	22.87 0.14 0.00	28.61 0.34 0.00	32.83 0.71 0.00	30.43 0.51 0.00	25.00 0.42 0.00	21.02 0.31 0.00	19.94 0.26 0.00
MADISON___COUNTY_LFGE 323628	19.89 0.43 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.56 0.44 0.00	22.10 0.58 0.00	28.22 0.72 0.00	33.67 1.04 0.00	29.96 0.79 0.00	23.56 0.53 0.00	20.06 0.41 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.31 0.34 0.00	17.75 0.30 0.00	18.19 0.36 0.00	19.86 0.41 0.00	23.25 0.52 0.00	29.00 0.73 0.00	33.28 1.16 0.00	30.79 0.87 0.00	25.30 0.71 0.00	21.31 0.60 0.00	20.30 0.61 0.00
MALONE___115KV_TB1 356076	19.89 0.43 0.00	18.04 0.25 0.00	17.61 0.23 0.00	17.53 0.17 0.00	18.29 0.16 0.00	21.69 0.17 0.00	27.81 0.30 0.00	32.66 0.03 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.26 0.00	19.23 0.17 0.00	18.57 0.17 0.00	18.11 0.14 0.00	17.56 0.10 0.00	17.94 0.11 0.00	19.67 0.21 0.00	23.12 0.39 0.00	28.78 0.51 0.00	32.35 0.22 0.00	30.37 0.45 0.00	25.22 0.64 0.00	21.17 0.46 0.00	20.06 0.37 0.00
MAPLEWOD_115KV_TB3 80458	19.95 0.49 0.00	18.24 0.44 0.00	17.80 0.42 0.00	17.79 0.43 0.00	18.58 0.45 0.00	22.08 0.56 0.00	28.44 0.94 0.00	34.06 1.44 0.00	30.10 0.93 0.00	23.65 0.62 0.00	20.18 0.53 0.00	19.59 0.53 0.00	18.92 0.52 0.00	18.45 0.49 0.00	17.96 0.51 0.00	18.31 0.48 0.00	20.00 0.54 0.00	23.35 0.61 0.00	29.12 0.85 0.00	33.28 1.16 0.00	30.85 0.93 0.00	25.27 0.69 0.00	21.21 0.50 0.00	19.94 0.26 0.00
MAPLE RIDGE_WT_1 323574	19.43 -0.04 0.00	17.74 -0.05 0.00	17.32 -0.07 0.00	17.25 -0.10 0.00	17.98 -0.15 0.00	21.26 -0.26 0.00	27.15 -0.36 0.00	32.04 -0.59 0.00	28.73 -0.44 0.00	22.76 -0.28 0.00	19.47 -0.18 0.00	18.90 -0.15 0.00	18.26 -0.15 0.00	17.81 -0.16 0.00	17.28 -0.17 0.00	17.65 -0.18 0.00	19.29 -0.16 0.00	22.57 -0.16 0.00	28.04 -0.23 0.00	31.67 -0.45 0.00	29.60 -0.33 0.00	24.34 -0.25 0.00	20.48 -0.23 0.00	19.47 -0.22 0.00
MAPLE RIDGE_WT_2 323611	19.43 -0.04 0.00	17.74 -0.05 0.00	17.32 -0.07 0.00	17.25 -0.10 0.00	17.98 -0.15 0.00	21.26 -0.26 0.00	27.15 -0.36 0.00	32.04 -0.59 0.00	28.73 -0.44 0.00	22.76 -0.28 0.00	19.47 -0.18 0.00	18.90 -0.15 0.00	18.26 -0.15 0.00	17.81 -0.16 0.00	17.28 -0.17 0.00	17.65 -0.18 0.00	19.29 -0.16 0.00	22.57 -0.16 0.00	28.04 -0.23 0.00	31.67 -0.45 0.00	29.60 -0.33 0.00	24.34 -0.25 0.00	20.48 -0.23 0.00	19.47 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	20.03 0.56 0.00	18.11 0.32 0.00	17.68 0.30 0.00	17.58 0.23 0.00	18.35 0.22 0.00	21.72 0.19 0.00	27.81 0.30 0.00	32.66 0.03 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.25 0.00	19.27 0.21 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.70 0.25 0.00	23.12 0.39 0.00	28.75 0.48 0.00	32.31 0.19 0.00	30.34 0.42 0.00	25.27 0.69 0.00	21.23 0.52 0.00	20.16 0.47 0.00
MARSHVLE_115KV_TB1 80742	19.97 0.51 0.00	18.22 0.43 0.00	17.77 0.38 0.00	17.77 0.42 0.00	18.58 0.45 0.00	22.23 0.71 0.00	28.69 1.18 0.00	34.16 1.53 0.00	30.16 0.99 0.00	23.68 0.64 0.00	20.10 0.45 0.00	19.44 0.38 0.00	18.77 0.37 0.00	18.31 0.34 0.00	17.79 0.33 0.00	18.26 0.43 0.00	19.96 0.51 0.00	23.48 0.75 0.00	29.43 1.16 0.00	33.76 1.64 0.00	31.27 1.35 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.16 0.47 0.00
MARSH_HILL_WT_PWR 323713	19.76 0.29 0.00	18.04 0.25 0.00	17.61 0.23 0.00	17.54 0.19 0.00	18.40 0.27 0.00	21.82 0.30 0.00	27.70 0.19 0.00	32.99 0.36 0.00	29.70 0.53 0.00	23.52 0.48 0.00	20.02 0.37 0.00	19.46 0.40 0.00	18.72 0.31 0.00	18.20 0.23 0.00	17.63 0.17 0.00	18.05 0.21 0.00	19.67 0.21 0.00	22.98 0.25 0.00	28.63 0.37 0.00	33.18 1.06 0.00	30.43 0.51 0.00	25.03 0.44 0.00	21.13 0.41 0.00	20.36 0.67 0.00
MCINTYRE_115KV_TB2 80467	19.49 0.02 0.00	17.79 0.00 0.00	17.37 -0.02 0.00	17.30 -0.05 0.00	18.07 -0.05 0.00	21.50 -0.02 0.00	27.56 0.06 0.00	32.33 -0.29 0.00	29.17 0.00 0.00	23.03 0.00 0.00	19.63 -0.02 0.00	18.98 -0.08 0.00	18.33 -0.07 0.00	17.88 -0.09 0.00	17.35 -0.10 0.00	17.71 -0.12 0.00	19.37 -0.08 0.00	22.71 -0.02 0.00	28.41 0.14 0.00	31.96 -0.16 0.00	30.14 0.21 0.00	24.83 0.25 0.00	20.84 0.12 0.00	19.71 0.02 0.00
MECO_____69_KV_BK1 80468	20.85 1.38 0.00	18.98 1.19 0.00	18.50 1.11 0.00	18.50 1.15 0.00	19.34 1.21 0.00	23.27 1.74 0.00	30.15 2.64 0.00	35.73 3.10 0.00	31.33 2.16 0.00	24.46 1.43 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.36 0.96 0.00	18.85 0.88 0.00	18.31 0.86 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.48 1.75 0.00	30.76 2.49 0.00	35.24 3.12 0.00	32.74 2.81 0.00	26.60 2.02 0.00	22.22 1.51 0.00	20.91 1.22 0.00
MENANDS___115KV_TB5 355628	19.91 0.45 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.77 0.42 0.00	18.54 0.42 0.00	22.04 0.52 0.00	28.39 0.88 0.00	34.00 1.37 0.00	30.07 0.90 0.00	23.61 0.58 0.00	20.16 0.51 0.00	19.57 0.51 0.00	18.90 0.50 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.28 0.45 0.00	19.96 0.51 0.00	23.30 0.57 0.00	29.03 0.76 0.00	33.18 1.06 0.00	30.76 0.84 0.00	25.20 0.61 0.00	21.15 0.43 0.00	19.88 0.20 0.00
MG INDUSTRY___DRP 24185	19.97 0.51 0.00	18.25 0.46 0.00	17.82 0.43 0.00	17.80 0.45 0.00	18.60 0.47 0.00	22.10 0.58 0.00	28.39 0.88 0.00	33.93 1.31 0.00	30.04 0.88 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.51 0.46 0.00	18.85 0.44 0.00	18.38 0.41 0.00	17.88 0.42 0.00	-13.06 -0.04 30.86	8.09 -0.04 11.32	22.67 -0.05 0.01	28.28 0.03 0.01	32.31 0.19 0.00	29.99 0.06 0.00	24.56 -0.02 0.00	20.67 -0.04 0.00	19.49 -0.20 0.00
MID___OSWEGATCHIE_HYD 23849	18.76 -0.70 0.00	17.10 -0.69 0.00	16.73 -0.66 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.77 -0.75 0.00	26.63 -0.88 0.00	31.52 -1.11 0.00	28.18 -0.99 0.00	22.18 -0.85 0.00	18.85 -0.81 0.00	18.24 -0.82 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.67 -0.79 0.00	17.03 -0.80 0.00	18.67 -0.78 0.00	22.00 -0.73 0.00	27.53 -0.73 0.00	31.32 -0.80 0.00	29.30 -0.63 0.00	24.09 -0.49 0.00	20.24 -0.48 0.00	19.17 -0.51 0.00
MID___RAQUETTE_HYD 23851	18.94 -0.53 0.00	17.26 -0.53 0.00	16.85 -0.54 0.00	16.78 -0.57 0.00	17.53 -0.60 0.00	20.83 -0.69 0.00	26.71 -0.80 0.00	31.39 -1.24 0.00	28.29 -0.88 0.00	22.34 -0.69 0.00	19.04 -0.61 0.00	18.41 -0.65 0.00	17.78 -0.63 0.00	17.36 -0.61 0.00	16.85 -0.61 0.00	17.21 -0.62 0.00	18.83 -0.62 0.00	22.10 -0.64 0.00	27.56 -0.71 0.00	31.03 -1.09 0.00	29.21 -0.72 0.00	24.09 -0.49 0.00	20.21 -0.50 0.00	19.13 -0.55 0.00

MILLIKEN___1 23584	19.70 0.23 0.00	18.06 0.27 0.00	17.65 0.26 0.00	17.63 0.28 0.00	18.44 0.31 0.00	21.91 0.39 0.00	27.87 0.36 0.00	33.38 0.75 0.00	29.81 0.64 0.00	23.42 0.39 0.00	19.93 0.28 0.00	19.27 0.21 0.00	18.59 0.18 0.00	18.11 0.14 0.00	17.58 0.12 0.00	17.98 0.14 0.00	19.65 0.19 0.00	23.00 0.27 0.00	28.64 0.37 0.00	32.86 0.74 0.00	30.37 0.45 0.00	24.98 0.39 0.00	21.11 0.39 0.00	20.26 0.57 0.00
MILLIKEN___2 23585	19.70 0.23 0.00	18.06 0.27 0.00	17.65 0.26 0.00	17.63 0.28 0.00	18.44 0.31 0.00	21.91 0.39 0.00	27.87 0.36 0.00	33.38 0.75 0.00	29.81 0.64 0.00	23.42 0.39 0.00	19.93 0.28 0.00	19.27 0.21 0.00	18.59 0.18 0.00	18.11 0.14 0.00	17.58 0.12 0.00	17.98 0.14 0.00	19.65 0.19 0.00	23.00 0.27 0.00	28.64 0.37 0.00	32.86 0.74 0.00	30.37 0.45 0.00	24.98 0.39 0.00	21.11 0.39 0.00	20.26 0.57 0.00
MILLIKEN___DIESEL 23629	19.70 0.23 0.00	18.06 0.27 0.00	17.65 0.26 0.00	17.63 0.28 0.00	18.44 0.31 0.00	21.91 0.39 0.00	27.87 0.36 0.00	33.38 0.75 0.00	29.81 0.64 0.00	23.42 0.39 0.00	19.93 0.28 0.00	19.27 0.21 0.00	18.59 0.18 0.00	18.11 0.14 0.00	17.58 0.12 0.00	17.98 0.14 0.00	19.65 0.19 0.00	23.00 0.27 0.00	28.64 0.37 0.00	32.86 0.74 0.00	30.37 0.45 0.00	24.98 0.39 0.00	21.11 0.39 0.00	20.26 0.57 0.00
MILLSEAT___LFGE 323607	18.28 -1.19 0.00	16.74 -1.05 0.00	16.31 -1.08 0.00	16.33 -1.02 0.00	17.10 -1.03 0.00	20.53 -0.99 0.00	25.22 -2.28 0.00	28.42 -4.21 0.00	25.99 -3.18 0.00	20.96 -2.07 0.00	17.88 -1.77 0.00	17.67 -1.39 0.00	16.97 -1.44 0.00	16.53 -1.44 0.00	16.01 -1.45 0.00	16.39 -1.44 0.00	18.15 -1.30 0.00	21.23 -1.50 0.00	25.98 -2.29 0.00	30.32 -1.80 0.00	27.47 -2.45 0.00	22.84 -1.74 0.00	19.53 -1.18 0.00	19.23 -0.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.91 0.45 0.00	18.09 0.30 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.22 0.72 0.00	34.13 1.50 0.00	30.13 0.96 0.00	23.84 0.81 0.00	20.32 0.67 0.00	19.68 0.63 0.00	19.03 0.63 0.00	18.63 0.66 0.00	18.17 0.72 0.00	18.60 0.77 0.00	20.19 0.74 0.00	23.64 0.91 0.00	29.37 1.10 0.00	33.79 1.67 0.00	31.09 1.17 0.00	25.42 0.84 0.00	21.27 0.56 0.00	19.96 0.28 0.00
MILLWOOD_13_KV_LOAD 356217	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.93 0.41 0.00	28.28 0.77 0.00	34.23 1.60 0.00	30.22 1.05 0.00	23.89 0.85 0.00	20.36 0.71 0.00	19.72 0.67 0.00	19.07 0.66 0.00	18.67 0.70 0.00	18.21 0.75 0.00	18.64 0.80 0.00	20.23 0.78 0.00	23.71 0.98 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.47 0.88 0.00	21.31 0.60 0.00	20.00 0.31 0.00
MODEL_CITY_ENERGY 24167	17.79 -1.67 0.00	16.30 -1.49 0.00	15.86 -1.53 0.00	15.91 -1.44 0.00	16.66 -1.47 0.00	19.99 -1.53 0.00	24.37 -3.14 0.00	28.06 -4.57 0.00	25.67 -3.50 0.00	20.71 -2.33 0.00	17.71 -1.95 0.00	17.15 -1.91 0.00	16.47 -1.93 0.00	16.06 -1.91 0.00	15.54 -1.92 0.00	15.91 -1.93 0.00	17.64 -1.81 0.00	20.57 -2.16 0.00	25.07 -3.19 0.00	29.20 -2.92 0.00	26.46 -3.47 0.00	22.05 -2.53 0.00	18.93 -1.78 0.00	18.74 -0.94 0.00
MODERN_LFGE___ 323580	17.79 -1.67 0.00	16.30 -1.49 0.00	15.86 -1.53 0.00	15.91 -1.44 0.00	16.66 -1.47 0.00	19.99 -1.53 0.00	24.37 -3.14 0.00	28.06 -4.57 0.00	25.67 -3.50 0.00	20.71 -2.33 0.00	17.71 -1.95 0.00	17.15 -1.91 0.00	16.47 -1.93 0.00	16.06 -1.91 0.00	15.54 -1.92 0.00	15.91 -1.93 0.00	17.64 -1.81 0.00	20.57 -2.16 0.00	25.07 -3.19 0.00	29.20 -2.92 0.00	26.46 -3.47 0.00	22.05 -2.53 0.00	18.93 -1.78 0.00	18.74 -0.94 0.00
MOHAWK_PAPER___DRP 24187	19.95 0.49 0.00	18.24 0.44 0.00	17.80 0.42 0.00	17.79 0.43 0.00	18.58 0.45 0.00	22.08 0.56 0.00	28.44 0.94 0.00	34.06 1.44 0.00	30.10 0.93 0.00	23.65 0.62 0.00	20.18 0.53 0.00	19.59 0.53 0.00	18.92 0.52 0.00	18.45 0.49 0.00	17.96 0.51 0.00	18.31 0.48 0.00	20.00 0.54 0.00	23.35 0.61 0.00	29.12 0.85 0.00	33.28 1.16 0.00	30.85 0.93 0.00	25.27 0.69 0.00	21.21 0.50 0.00	19.94 0.26 0.00
MOHICAN___35_KV_115KV_LD 80490	20.17 0.70 0.00	18.40 0.60 0.00	17.96 0.57 0.00	17.94 0.59 0.00	18.74 0.62 0.00	22.40 0.88 0.00	28.97 1.46 0.00	34.62 1.99 0.00	30.54 1.37 0.00	23.93 0.90 0.00	20.36 0.71 0.00	19.68 0.63 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.00 0.54 0.00	18.44 0.61 0.00	20.15 0.70 0.00	23.66 0.93 0.00	29.62 1.36 0.00	33.85 1.73 0.00	31.45 1.53 0.00	25.66 1.08 0.00	21.48 0.77 0.00	20.18 0.49 0.00
MONGAUP___HYD 23641	19.74 0.27 0.00	17.97 0.18 0.00	17.60 0.21 0.00	17.54 0.19 0.00	18.33 0.20 0.00	21.74 0.22 0.00	27.78 0.28 0.00	33.48 0.85 0.00	29.52 0.35 0.00	23.40 0.37 0.00	19.89 0.24 0.00	19.25 0.19 0.00	18.63 0.22 0.00	18.20 0.23 0.00	17.75 0.30 0.00	18.21 0.38 0.00	19.84 0.39 0.00	23.25 0.52 0.00	28.72 0.45 0.00	33.05 0.93 0.00	30.56 0.63 0.00	24.93 0.34 0.00	20.98 0.27 0.00	19.82 0.14 0.00
MONTAUK___DIESEL 23721	20.73 1.27 0.00	18.82 1.03 0.00	18.43 1.04 0.00	18.32 0.97 0.00	19.20 1.07 0.00	22.81 1.29 0.00	31.19 2.59 -1.10	36.02 3.39 0.00	31.71 2.54 0.00	25.08 2.05 0.00	21.30 1.65 0.00	20.50 1.45 0.00	19.62 1.21 0.00	19.10 1.13 0.00	18.68 1.22 0.00	19.21 1.37 0.00	21.16 1.71 0.00	24.66 1.93 0.00	30.59 2.32 0.00	35.40 3.28 0.00	32.68 2.75 0.00	28.04 2.29 -1.17	24.42 1.76 -1.95	20.85 1.16 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.93 -1.54 0.00	16.56 -1.23 0.00	16.21 -1.18 0.00	16.36 -0.99 0.00	17.09 -1.03 0.00	20.40 -1.12 0.00	25.53 -1.98 0.00	29.46 -3.16 0.00	26.92 -2.25 0.00	21.67 -1.36 0.00	18.57 -1.08 0.00	18.01 -1.05 0.00	17.32 -1.09 0.00	16.89 -1.08 0.00	16.32 -1.13 0.00	16.71 -1.12 0.00	18.56 -0.89 0.00	21.66 -1.07 0.00	26.63 -1.64 0.00	30.64 -1.48 0.00	28.25 -1.68 0.00	23.45 -1.13 0.00	20.03 -0.68 0.00	19.82 0.14 0.00
MORTIMER_115KV_TB3 55949	18.43 -1.03 0.00	17.04 -0.75 0.00	16.69 -0.70 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.73 -0.80 0.00	25.97 -1.54 0.00	30.54 -2.09 0.00	27.62 -1.55 0.00	22.04 -0.99 0.00	18.75 -0.90 0.00	18.18 -0.88 0.00	17.50 -0.90 0.00	17.05 -0.92 0.00	16.53 -0.93 0.00	16.91 -0.93 0.00	18.60 -0.86 0.00	21.73 -1.00 0.00	26.74 -1.53 0.00	30.55 -1.57 0.00	28.25 -1.68 0.00	23.38 -1.20 0.00	19.88 -0.83 0.00	19.37 -0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.45 0.33 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.95 1.83 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00

MUNSVILLE_WIND_PWR 323609	20.94 1.48 0.00	19.16 1.37 0.00	18.66 1.27 0.00	18.64 1.28 0.00	19.50 1.38 0.00	23.35 1.83 0.00	29.76 2.26 0.00	35.63 3.00 0.00	31.56 2.39 0.00	24.69 1.66 0.00	20.87 1.22 0.00	20.10 1.05 0.00	19.43 1.03 0.00	18.90 0.93 0.00	18.35 0.89 0.00	18.85 1.02 0.00	20.71 1.26 0.00	24.37 1.64 0.00	30.61 2.34 0.00	35.56 3.44 0.00	32.59 2.66 0.00	26.77 2.19 0.00	22.60 1.88 0.00	21.56 1.87 0.00
N SALMON___HYD 24042	19.89 0.43 0.00	18.04 0.25 0.00	17.61 0.23 0.00	17.53 0.17 0.00	18.29 0.16 0.00	21.67 0.15 0.00	27.81 0.30 0.00	32.66 0.03 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.25 0.00	19.23 0.17 0.00	18.57 0.17 0.00	18.11 0.14 0.00	17.56 0.11 0.00	17.94 0.11 0.00	19.67 0.21 0.00	23.12 0.39 0.00	28.75 0.48 0.00	32.31 0.19 0.00	30.38 0.45 0.00	25.22 0.64 0.00	21.15 0.44 0.00	20.06 0.37 0.00
N.AKRON__115KV_KNAPP 355671	17.87 -1.60 0.00	16.67 -1.12 0.00	16.31 -1.08 0.00	16.33 -1.02 0.00	17.09 -1.03 0.00	20.36 -1.16 0.00	25.22 -2.28 0.00	29.37 -3.26 0.00	26.78 -2.39 0.00	21.51 -1.52 0.00	18.32 -1.34 0.00	17.66 -1.39 0.00	16.97 -1.44 0.00	16.53 -1.44 0.00	16.01 -1.45 0.00	16.39 -1.44 0.00	18.15 -1.30 0.00	21.23 -1.50 0.00	25.95 -2.32 0.00	29.68 -2.44 0.00	27.44 -2.48 0.00	22.79 -1.79 0.00	19.47 -1.24 0.00	19.23 -0.45 0.00
N.BELMOR_69_KV_BK1 55787	20.24 0.78 0.00	18.36 0.57 0.00	17.96 0.57 0.00	17.89 0.54 0.00	18.71 0.58 0.00	22.23 0.71 0.00	29.98 1.38 -1.10	34.75 2.12 0.00	30.72 1.55 0.00	24.35 1.31 0.00	20.73 1.08 0.00	20.03 0.97 0.00	19.29 0.88 0.00	18.83 0.86 0.00	18.40 0.94 0.00	18.87 1.03 0.00	20.62 1.17 0.00	24.16 1.43 0.00	29.88 1.61 0.00	34.47 2.34 0.00	31.72 1.80 0.00	27.20 1.45 -1.17	24.13 1.08 -2.34	20.32 0.63 0.00
N.E_GEN_SANDY PD 24062	19.52 0.21 0.16	18.20 0.25 -0.16	17.63 0.24 0.00	17.63 0.28 0.00	18.40 0.27 0.00	21.82 0.30 0.00	28.20 0.69 0.00	33.93 1.31 0.00	29.90 0.73 0.00	23.49 0.46 0.00	20.04 0.39 0.00	19.49 0.44 0.00	18.85 0.44 0.00	18.40 0.43 0.00	17.91 0.45 0.00	18.31 0.48 0.00	19.98 0.53 0.00	23.30 0.57 0.00	29.06 0.79 0.00	33.15 1.03 0.00	30.76 0.84 0.00	25.17 0.59 0.00	20.98 0.27 0.00	19.78 0.10 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.87 0.41 0.00	18.06 0.27 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.42 0.29 0.00	21.84 0.32 0.00	28.20 0.69 0.00	34.06 1.44 0.00	30.07 0.90 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.99 0.59 0.00	18.58 0.61 0.00	18.14 0.68 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.57 0.84 0.00	29.29 1.02 0.00	33.73 1.61 0.00	31.03 1.11 0.00	25.37 0.79 0.00	21.23 0.52 0.00	19.92 0.24 0.00
N.QUEENS_27_KV_LOAD 356247	20.19 0.72 0.00	18.29 0.50 0.00	17.93 0.54 0.00	17.84 0.49 0.00	18.58 0.45 0.00	21.78 0.26 0.00	28.09 0.58 0.00	34.06 1.44 0.00	30.19 1.02 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.80 0.74 0.00	19.16 0.75 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.81 0.98 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.51 1.24 0.00	33.92 1.80 0.00	31.21 1.29 0.00	25.42 0.84 0.00	21.33 0.62 0.00	20.14 0.45 0.00
N.TROY___115KV_TB1 355778	19.82 0.35 0.00	18.13 0.34 0.00	17.70 0.31 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.97 0.45 0.00	28.33 0.83 0.00	33.93 1.31 0.00	29.99 0.82 0.00	23.52 0.48 0.00	20.06 0.41 0.00	19.47 0.42 0.00	18.83 0.42 0.00	18.36 0.40 0.00	17.86 0.40 0.00	18.26 0.43 0.00	19.94 0.49 0.00	23.28 0.55 0.00	29.06 0.79 0.00	33.21 1.09 0.00	30.79 0.87 0.00	25.22 0.64 0.00	21.15 0.43 0.00	19.86 0.18 0.00
NARROWS_GT1_1 24228	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT1_2 24229	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT1_3 24230	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT1_4 24231	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT1_5 24232	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT1_6 24233	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT1_7 24234	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00

NARROWS_GT1_8 24235	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_1 24236	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_2 24237	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_3 24238	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_4 24239	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_5 24240	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_6 24241	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_7 24242	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NARROWS_GT2_8 24243	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.36 0.90 0.00	18.57 0.78 0.00	18.14 0.75 0.00	18.12 0.76 0.00	18.91 0.78 0.00	22.51 0.99 0.00	28.97 1.46 0.00	34.62 1.99 0.00	30.54 1.37 0.00	23.82 0.78 0.00	20.24 0.59 0.00	19.57 0.51 0.00	18.92 0.52 0.00	18.44 0.47 0.00	17.95 0.49 0.00	-29.09 0.45 47.37	2.60 0.53 17.37	23.28 0.57 0.02	29.01 0.76 0.02	33.21 1.09 0.00	30.85 0.93 0.00	25.27 0.69 0.00	21.21 0.50 0.00	20.02 0.33 0.00
NCHELSEA_115KV_TR2 355582	20.05 0.58 0.00	18.24 0.44 0.00	17.82 0.43 0.00	17.79 0.43 0.00	18.56 0.44 0.00	22.04 0.52 0.00	28.42 0.91 0.00	34.32 1.70 0.00	30.31 1.14 0.00	23.86 0.83 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.03 0.63 0.00	18.60 0.63 0.00	18.14 0.68 0.00	18.62 0.78 0.00	20.25 0.80 0.00	23.69 0.95 0.00	29.45 1.19 0.00	33.89 1.77 0.00	31.24 1.32 0.00	25.54 0.96 0.00	21.35 0.64 0.00	20.08 0.39 0.00
NEG CAPITAL___MECHNVIL 23645	20.03 0.56 0.00	18.32 0.53 0.00	17.89 0.50 0.00	17.89 0.54 0.00	18.69 0.56 0.00	22.25 0.73 0.00	28.72 1.21 0.00	34.36 1.73 0.00	30.34 1.17 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.98 0.57 0.00	18.51 0.54 0.00	18.00 0.54 0.00	18.42 0.59 0.00	20.11 0.66 0.00	23.57 0.84 0.00	29.45 1.19 0.00	33.60 1.48 0.00	31.21 1.29 0.00	25.52 0.93 0.00	21.31 0.60 0.00	20.12 0.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.43 -1.03 0.00	16.88 -0.91 0.00	16.48 -0.90 0.00	16.45 -0.90 0.00	17.22 -0.91 0.00	20.53 -0.99 0.00	25.72 -1.79 0.00	30.41 -2.22 0.00	27.45 -1.72 0.00	21.81 -1.22 0.00	18.55 -1.10 0.00	17.99 -1.07 0.00	17.34 -1.07 0.00	16.89 -1.08 0.00	16.36 -1.10 0.00	16.73 -1.11 0.00	18.36 -1.09 0.00	21.48 -1.25 0.00	26.49 -1.78 0.00	30.58 -1.54 0.00	28.01 -1.92 0.00	23.16 -1.43 0.00	19.72 -0.99 0.00	19.06 -0.63 0.00
NEG CENTRAL___DRP 24199	19.58 0.12 0.00	17.97 0.18 0.00	17.58 0.19 0.00	17.54 0.19 0.00	18.38 0.25 0.00	21.87 0.34 0.00	27.78 0.28 0.00	33.44 0.82 0.00	30.10 0.93 0.00	23.54 0.51 0.00	20.02 0.37 0.00	19.36 0.30 0.00	18.66 0.26 0.00	18.17 0.20 0.00	17.60 0.14 0.00	18.01 0.18 0.00	19.63 0.18 0.00	22.98 0.25 0.00	28.55 0.28 0.00	32.67 0.55 0.00	30.29 0.36 0.00	24.88 0.29 0.00	21.02 0.31 0.00	20.24 0.55 0.00
NEG CENTRAL___INDECK 23768	19.58 0.12 0.00	17.92 0.13 0.00	17.49 0.10 0.00	17.44 0.09 0.00	18.27 0.14 0.00	21.18 -0.35 0.00	26.65 -0.85 0.00	31.55 -1.08 0.00	28.24 -0.93 0.00	22.46 -0.57 0.00	19.02 -0.63 0.00	18.96 -0.09 0.00	18.16 -0.24 0.00	17.65 -0.32 0.00	17.12 -0.33 0.00	17.53 -0.30 0.00	19.26 -0.19 0.00	22.00 -0.73 0.00	27.34 -0.93 0.00	31.86 -0.26 0.00	29.18 -0.75 0.00	24.07 -0.52 0.00	20.38 -0.33 0.00	19.67 -0.02 0.00

NEG CENTRAL___SENECA 23627	19.78 0.31 0.00	18.16 0.37 0.00	17.77 0.38 0.00	17.73 0.38 0.00	18.60 0.47 0.00	22.15 0.62 0.00	28.17 0.66 0.00	33.77 1.14 0.00	30.40 1.23 0.00	23.84 0.81 0.00	20.28 0.63 0.00	19.59 0.53 0.00	18.86 0.46 0.00	18.35 0.38 0.00	17.79 0.33 0.00	18.21 0.37 0.00	19.86 0.41 0.00	23.23 0.50 0.00	28.86 0.59 0.00	33.05 0.93 0.00	30.64 0.72 0.00	25.17 0.59 0.00	21.25 0.54 0.00	20.45 0.77 0.00
NEG CENTRAL___STATE_STREET 24147	19.37 -0.10 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.57 0.04 0.00	27.40 -0.11 0.00	33.02 0.39 0.00	29.72 0.55 0.00	23.19 0.16 0.00	19.75 0.10 0.00	19.13 0.08 0.00	18.44 0.04 0.00	17.97 0.00 0.00	17.42 -0.03 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	28.21 -0.06 0.00	32.31 0.19 0.00	29.96 0.03 0.00	24.61 0.02 0.00	20.82 0.10 0.00	20.00 0.31 0.00
NEG MILLWOOD___DRP 24198	20.11 0.64 0.00	18.27 0.48 0.00	17.87 0.49 0.00	17.84 0.49 0.00	18.58 0.45 0.00	22.08 0.56 0.00	28.50 0.99 0.00	34.49 1.86 0.00	30.48 1.31 0.00	23.95 0.92 0.00	20.42 0.77 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.71 0.74 0.00	18.24 0.79 0.00	18.69 0.86 0.00	20.31 0.86 0.00	23.80 1.07 0.00	29.60 1.33 0.00	34.02 1.90 0.00	31.36 1.44 0.00	25.64 1.06 0.00	21.42 0.70 0.00	20.12 0.43 0.00
NEG NORTH_FLCN_SEA 23793	20.28 0.82 0.00	18.24 0.44 0.00	17.80 0.42 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.87 0.34 0.00	28.03 0.52 0.00	32.92 0.29 0.00	29.67 0.50 0.00	23.47 0.44 0.00	20.04 0.39 0.00	19.38 0.32 0.00	18.72 0.31 0.00	18.27 0.31 0.00	17.72 0.26 0.00	18.10 0.27 0.00	19.84 0.39 0.00	23.30 0.57 0.00	28.97 0.71 0.00	32.60 0.48 0.00	30.58 0.66 0.00	25.61 1.03 0.00	21.52 0.81 0.00	20.43 0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	20.03 0.56 0.00	18.15 0.36 0.00	17.70 0.31 0.00	17.61 0.26 0.00	18.36 0.24 0.00	21.76 0.24 0.00	27.87 0.36 0.00	32.69 0.07 0.00	29.46 0.29 0.00	23.31 0.28 0.00	19.91 0.26 0.00	19.27 0.21 0.00	18.61 0.20 0.00	18.15 0.18 0.00	17.61 0.16 0.00	17.99 0.16 0.00	19.72 0.27 0.00	23.16 0.43 0.00	28.80 0.54 0.00	32.38 0.26 0.00	30.43 0.51 0.00	25.30 0.71 0.00	21.25 0.54 0.00	20.16 0.47 0.00
NEG NORTH___ALICE_FALLS 23915	20.28 0.82 0.00	18.31 0.52 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.54 0.42 0.00	21.97 0.45 0.00	28.17 0.66 0.00	33.09 0.46 0.00	29.78 0.61 0.00	23.56 0.53 0.00	20.12 0.47 0.00	19.46 0.40 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.15 0.32 0.00	19.94 0.49 0.00	23.44 0.70 0.00	29.14 0.88 0.00	32.76 0.64 0.00	30.76 0.84 0.00	25.69 1.11 0.00	21.56 0.85 0.00	20.45 0.77 0.00
NEG NORTH___LWR_SARANAC 23913	20.28 0.82 0.00	18.31 0.52 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.54 0.42 0.00	21.97 0.45 0.00	28.17 0.66 0.00	33.09 0.46 0.00	29.78 0.61 0.00	23.56 0.53 0.00	20.12 0.47 0.00	19.46 0.40 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.15 0.32 0.00	19.94 0.49 0.00	23.44 0.70 0.00	29.14 0.88 0.00	32.76 0.64 0.00	30.76 0.84 0.00	25.69 1.11 0.00	21.56 0.85 0.00	20.45 0.77 0.00
NEG NORTH___PLATTSBURG 23628	20.30 0.84 0.00	18.31 0.52 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.54 0.42 0.00	21.97 0.45 0.00	28.17 0.66 0.00	33.08 0.46 0.00	29.78 0.61 0.00	23.56 0.53 0.00	20.12 0.47 0.00	19.46 0.40 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.77 0.31 0.00	18.15 0.32 0.00	19.94 0.49 0.00	23.44 0.71 0.00	29.14 0.88 0.00	32.76 0.64 0.00	30.76 0.84 0.00	25.69 1.11 0.00	21.54 0.83 0.00	20.45 0.77 0.00
NEG WEST_LEA_LOCKPORT 23791	17.54 -1.93 0.00	16.37 -1.42 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.82 -1.31 0.00	19.99 -1.53 0.00	24.65 -2.86 0.00	28.39 -4.24 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.90 -1.75 0.00	17.34 -1.72 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.09 -1.75 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.36 -2.91 0.00	28.94 -3.18 0.00	26.78 -3.14 0.00	22.30 -2.29 0.00	19.08 -1.64 0.00	18.96 -0.73 0.00
NEG WEST___LANCASTER 23811	18.36 -1.11 0.00	17.04 -0.75 0.00	16.69 -0.70 0.00	16.75 -0.61 0.00	17.57 -0.56 0.00	20.85 -0.67 0.00	25.94 -1.57 0.00	30.02 -2.61 0.00	27.22 -1.95 0.00	21.90 -1.13 0.00	18.73 -0.92 0.00	18.14 -0.91 0.00	17.43 -0.98 0.00	16.98 -0.99 0.00	16.43 -1.03 0.00	16.83 -1.00 0.00	18.67 -0.78 0.00	21.78 -0.95 0.00	26.71 -1.55 0.00	30.67 -1.45 0.00	28.28 -1.65 0.00	23.43 -1.16 0.00	19.99 -0.72 0.00	19.75 0.06 0.00
NEG_PENN_ALLEGHNY 23528	19.49 0.02 0.00	17.81 0.02 0.00	17.39 0.00 0.00	17.37 0.02 0.00	18.18 0.05 0.00	21.61 0.09 0.00	27.48 -0.03 0.00	32.69 0.07 0.00	29.17 0.00 0.00	23.10 0.07 0.00	19.69 0.04 0.00	19.07 0.02 0.00	18.39 -0.02 0.00	17.93 -0.04 0.00	17.40 -0.05 0.00	17.82 -0.02 0.00	19.41 -0.04 0.00	22.71 -0.02 0.00	28.18 -0.08 0.00	32.41 0.29 0.00	29.87 -0.06 0.00	24.53 -0.05 0.00	20.75 0.04 0.00	19.88 0.20 0.00
NEG___GEN_MONROE 24207	18.47 -0.99 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.76 -0.59 0.00	17.55 -0.58 0.00	20.85 -0.67 0.00	26.08 -1.43 0.00	30.64 -1.99 0.00	27.68 -1.49 0.00	22.07 -0.97 0.00	18.71 -0.94 0.00	18.14 -0.91 0.00	17.45 -0.96 0.00	17.00 -0.97 0.00	16.46 -1.00 0.00	16.82 -1.02 0.00	18.48 -0.97 0.00	21.71 -1.02 0.00	26.74 -1.53 0.00	30.58 -1.54 0.00	28.31 -1.62 0.00	23.43 -1.16 0.00	19.95 -0.77 0.00	19.51 -0.18 0.00
NEPA___ENERGY 23901	18.10 -1.36 0.00	16.81 -0.98 0.00	16.47 -0.92 0.00	16.52 -0.83 0.00	17.33 -0.80 0.00	20.58 -0.95 0.00	25.61 -1.90 0.00	29.66 -2.97 0.00	26.89 -2.28 0.00	21.65 -1.38 0.00	18.51 -1.14 0.00	17.93 -1.12 0.00	17.24 -1.16 0.00	16.78 -1.19 0.00	16.25 -1.20 0.00	16.64 -1.19 0.00	18.46 -0.99 0.00	21.53 -1.20 0.00	26.43 -1.84 0.00	30.35 -1.77 0.00	27.95 -1.98 0.00	23.18 -1.40 0.00	19.78 -0.93 0.00	19.51 -0.18 0.00
NEVERSINK___HYD 23608	20.36 0.90 0.00	18.50 0.71 0.00	18.13 0.75 0.00	18.08 0.73 0.00	18.87 0.74 0.00	22.36 0.84 0.00	28.80 1.29 0.00	34.81 2.19 0.00	30.80 1.63 0.00	24.18 1.15 0.00	20.50 0.84 0.00	19.80 0.74 0.00	19.14 0.74 0.00	18.71 0.74 0.00	18.26 0.80 0.00	13.60 1.03 5.27	18.59 1.07 1.93	24.02 1.30 0.00	29.85 1.58 0.00	34.43 2.31 0.00	31.78 1.86 0.00	25.96 1.38 0.00	21.64 0.93 0.00	20.51 0.83 0.00
NEWKRMKL_115KV_TB1 55635	20.01 0.55 0.00	18.27 0.48 0.00	17.84 0.45 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	28.47 0.96 0.00	34.13 1.50 0.00	30.19 1.02 0.00	23.72 0.69 0.00	20.24 0.59 0.00	19.63 0.57 0.00	18.97 0.57 0.00	18.51 0.54 0.00	18.00 0.54 0.00	18.31 0.48 0.00	19.98 0.53 0.00	23.35 0.61 0.00	29.09 0.82 0.00	33.24 1.12 0.00	30.82 0.90 0.00	25.25 0.66 0.00	21.21 0.50 0.00	19.94 0.26 0.00

NEWTON___FALLS_HYD 23847	18.76 -0.70 0.00	17.10 -0.69 0.00	16.73 -0.66 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.77 -0.75 0.00	26.63 -0.88 0.00	31.52 -1.11 0.00	28.18 -0.99 0.00	22.18 -0.85 0.00	18.85 -0.81 0.00	18.24 -0.82 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.67 -0.79 0.00	17.03 -0.80 0.00	18.67 -0.78 0.00	22.00 -0.73 0.00	27.53 -0.73 0.00	31.32 -0.80 0.00	29.30 -0.63 0.00	24.09 -0.49 0.00	20.24 -0.48 0.00	19.17 -0.51 0.00
NGRID_A1_DSASP 323792	17.71 -1.75 0.00	16.21 -1.58 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.59 -1.54 0.00	19.78 -1.74 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.34 -2.06 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.79 -3.48 0.00	28.81 -3.31 0.00	26.12 -3.80 0.00	21.80 -2.78 0.00	18.72 -1.99 0.00	18.56 -1.12 0.00
NGRID_A2_DSASP 323793	17.71 -1.75 0.00	16.21 -1.58 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.59 -1.54 0.00	19.78 -1.74 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.34 -2.06 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.79 -3.48 0.00	28.81 -3.31 0.00	26.12 -3.80 0.00	21.80 -2.78 0.00	18.72 -1.99 0.00	18.56 -1.12 0.00
NGRID_A4_DSASP 323807	17.71 -1.75 0.00	16.21 -1.58 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.59 -1.54 0.00	19.78 -1.74 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.34 -2.06 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.79 -3.48 0.00	28.81 -3.31 0.00	26.12 -3.80 0.00	21.80 -2.78 0.00	18.72 -1.99 0.00	18.56 -1.12 0.00
NIAGARA_115E_LBMP 323715	17.69 -1.77 0.00	16.21 -1.58 0.00	15.77 -1.62 0.00	15.83 -1.53 0.00	16.57 -1.56 0.00	19.89 -1.64 0.00	24.21 -3.30 0.00	27.86 -4.76 0.00	25.49 -3.68 0.00	20.57 -2.46 0.00	17.59 -2.06 0.00	17.04 -2.02 0.00	16.38 -2.02 0.00	15.96 -2.01 0.00	15.45 -2.01 0.00	15.82 -2.02 0.00	17.53 -1.93 0.00	20.44 -2.30 0.00	24.90 -3.36 0.00	28.97 -3.15 0.00	26.24 -3.68 0.00	21.90 -2.68 0.00	18.79 -1.93 0.00	18.64 -1.04 0.00
NIAGARA_115W_LBMP 323714	17.68 -1.79 0.00	16.19 -1.60 0.00	15.75 -1.64 0.00	15.79 -1.56 0.00	16.55 -1.58 0.00	19.74 -1.79 0.00	24.07 -3.44 0.00	27.67 -4.96 0.00	25.35 -3.82 0.00	20.45 -2.58 0.00	17.49 -2.16 0.00	16.96 -2.10 0.00	16.29 -2.12 0.00	15.89 -2.08 0.00	15.36 -2.10 0.00	15.73 -2.10 0.00	17.43 -2.02 0.00	20.30 -2.43 0.00	24.73 -3.53 0.00	28.75 -3.37 0.00	26.04 -3.89 0.00	21.76 -2.83 0.00	18.68 -2.03 0.00	18.52 -1.16 0.00
NIAGARA_230_LBMP 323716	17.91 -1.56 0.00	16.40 -1.39 0.00	15.98 -1.41 0.00	16.02 -1.34 0.00	16.77 -1.36 0.00	20.06 -1.46 0.00	24.51 -3.00 0.00	28.26 -4.37 0.00	25.82 -3.35 0.00	20.82 -2.21 0.00	17.80 -1.85 0.00	17.26 -1.79 0.00	16.60 -1.80 0.00	16.17 -1.80 0.00	15.66 -1.80 0.00	16.01 -1.82 0.00	17.74 -1.71 0.00	20.69 -2.05 0.00	25.19 -3.08 0.00	29.26 -2.86 0.00	26.54 -3.38 0.00	22.15 -2.43 0.00	19.01 -1.70 0.00	18.84 -0.85 0.00
NIAGARA___115KV_198_GIBSON 55903	17.25 -2.22 0.00	16.08 -1.71 0.00	15.75 -1.63 0.00	15.79 -1.56 0.00	16.53 -1.60 0.00	19.56 -1.96 0.00	24.07 -3.44 0.00	27.67 -4.96 0.00	25.35 -3.82 0.00	20.45 -2.58 0.00	17.49 -2.16 0.00	16.96 -2.10 0.00	16.29 -2.12 0.00	15.88 -2.08 0.00	15.36 -2.09 0.00	15.73 -2.10 0.00	17.43 -2.02 0.00	20.30 -2.43 0.00	24.71 -3.56 0.00	28.14 -3.98 0.00	26.04 -3.89 0.00	21.71 -2.88 0.00	18.62 -2.09 0.00	18.52 -1.16 0.00
NIAGARA____ 23760	17.91 -1.56 0.00	16.40 -1.39 0.00	15.98 -1.41 0.00	16.02 -1.34 0.00	16.77 -1.36 0.00	20.06 -1.46 0.00	24.51 -3.00 0.00	28.26 -4.37 0.00	25.82 -3.35 0.00	20.82 -2.21 0.00	17.80 -1.85 0.00	17.26 -1.79 0.00	16.60 -1.80 0.00	16.17 -1.80 0.00	15.66 -1.80 0.00	16.01 -1.82 0.00	17.74 -1.71 0.00	20.69 -2.05 0.00	25.19 -3.08 0.00	29.26 -2.86 0.00	26.54 -3.38 0.00	22.15 -2.43 0.00	19.01 -1.70 0.00	18.84 -0.85 0.00
NINE_MILE_1 23575	19.02 -0.45 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.65 -0.98 0.00	28.27 -0.90 0.00	22.36 -0.67 0.00	19.10 -0.55 0.00	18.52 -0.53 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.85 -0.60 0.00	21.98 -0.75 0.00	27.31 -0.96 0.00	31.22 -0.90 0.00	28.88 -1.05 0.00	23.82 -0.76 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
NINE_MILE_2 23744	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.65 -0.98 0.00	28.27 -0.90 0.00	22.36 -0.67 0.00	19.10 -0.55 0.00	18.52 -0.53 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.85 -0.60 0.00	22.00 -0.73 0.00	27.31 -0.96 0.00	31.22 -0.90 0.00	28.91 -1.02 0.00	23.82 -0.76 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
NM_CAPITAL___DRP 24208	19.91 0.45 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.77 0.42 0.00	18.54 0.42 0.00	22.04 0.52 0.00	28.36 0.85 0.00	34.00 1.37 0.00	30.07 0.90 0.00	23.61 0.58 0.00	20.16 0.51 0.00	19.57 0.51 0.00	18.90 0.50 0.00	18.44 0.47 0.00	17.95 0.49 0.00	18.28 0.45 0.00	19.94 0.49 0.00	23.28 0.55 0.00	29.03 0.76 0.00	33.15 1.03 0.00	30.73 0.81 0.00	25.17 0.59 0.00	21.15 0.43 0.00	19.88 0.20 0.00
NM_CENTRAL___DRP 24181	19.23 -0.23 0.00	17.63 -0.16 0.00	17.23 -0.16 0.00	17.21 -0.14 0.00	18.00 -0.13 0.00	21.37 -0.15 0.00	27.09 -0.41 0.00	32.30 -0.33 0.00	28.85 -0.32 0.00	22.83 -0.21 0.00	19.47 -0.18 0.00	18.88 -0.17 0.00	18.22 -0.18 0.00	17.79 -0.18 0.00	17.25 -0.21 0.00	17.62 -0.21 0.00	19.22 -0.23 0.00	22.44 -0.30 0.00	27.82 -0.45 0.00	31.80 -0.32 0.00	29.45 -0.48 0.00	24.24 -0.34 0.00	20.53 -0.19 0.00	19.73 0.04 0.00
NM_FRONTIER___DRP 24179	17.25 -2.22 0.00	16.08 -1.71 0.00	15.75 -1.63 0.00	15.79 -1.56 0.00	16.53 -1.60 0.00	19.56 -1.96 0.00	24.07 -3.44 0.00	27.67 -4.96 0.00	25.35 -3.82 0.00	20.45 -2.58 0.00	17.49 -2.16 0.00	16.96 -2.10 0.00	16.29 -2.12 0.00	15.88 -2.08 0.00	15.36 -2.09 0.00	15.73 -2.10 0.00	17.43 -2.02 0.00	20.30 -2.43 0.00	24.71 -3.56 0.00	28.14 -3.98 0.00	26.04 -3.89 0.00	21.71 -2.88 0.00	18.62 -2.09 0.00	18.52 -1.16 0.00
NM_ST_REGIS___HYD 24053	19.17 -0.29 0.00	17.43 -0.36 0.00	17.02 -0.37 0.00	16.95 -0.40 0.00	17.71 -0.42 0.00	21.03 -0.50 0.00	26.98 -0.52 0.00	31.68 -0.95 0.00	28.56 -0.61 0.00	22.57 -0.46 0.00	19.24 -0.41 0.00	18.62 -0.44 0.00	17.98 -0.42 0.00	17.54 -0.43 0.00	17.02 -0.44 0.00	17.39 -0.45 0.00	19.04 -0.41 0.00	22.35 -0.39 0.00	27.87 -0.40 0.00	31.32 -0.80 0.00	29.51 -0.42 0.00	24.36 -0.22 0.00	20.44 -0.27 0.00	19.35 -0.33 0.00

NORTHPORT___1 23551	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.72 0.36 0.00	18.56 0.43 0.00	21.97 0.45 0.00	29.82 1.21 -1.10	34.29 1.66 0.00	30.31 1.14 0.00	24.12 1.08 0.00	20.54 0.89 0.00	19.86 0.80 0.00	19.10 0.70 0.00	18.62 0.65 0.00	18.21 0.75 0.00	18.67 0.84 0.00	20.42 0.97 0.00	23.94 1.20 0.00	29.40 1.13 0.00	33.76 1.64 0.00	31.33 1.41 0.00	26.89 1.13 -1.18	23.50 0.85 -1.94	20.14 0.45 0.00
NORTHPORT___2 23552	19.97 0.51 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.72 0.36 0.00	18.56 0.43 0.00	21.97 0.45 0.00	29.82 1.21 -1.10	34.29 1.66 0.00	30.31 1.14 0.00	24.12 1.08 0.00	20.54 0.89 0.00	19.86 0.80 0.00	19.10 0.70 0.00	18.62 0.65 0.00	18.21 0.75 0.00	18.67 0.84 0.00	20.42 0.97 0.00	23.94 1.20 0.00	29.40 1.13 0.00	33.76 1.64 0.00	31.33 1.41 0.00	26.89 1.13 -1.18	23.50 0.85 -1.94	20.14 0.45 0.00
NORTHPORT___3 23553	20.28 0.82 0.00	18.48 0.69 0.00	18.10 0.71 0.00	18.01 0.66 0.00	18.85 0.73 0.00	22.36 0.84 0.00	30.26 1.65 -1.10	35.01 2.38 0.00	30.92 1.75 0.00	24.53 1.50 0.00	20.89 1.24 0.00	20.20 1.14 0.00	19.43 1.03 0.00	18.98 1.01 0.00	18.54 1.08 0.00	19.01 1.18 0.00	20.79 1.34 0.00	24.37 1.64 0.00	30.13 1.87 0.00	34.69 2.57 0.00	32.08 2.16 0.00	27.43 1.67 -1.18	23.88 1.22 -1.95	20.49 0.81 0.00
NORTHPORT___4 23650	20.28 0.82 0.00	18.48 0.69 0.00	18.10 0.71 0.00	18.01 0.66 0.00	18.85 0.73 0.00	22.36 0.84 0.00	30.26 1.65 -1.10	35.01 2.38 0.00	30.92 1.75 0.00	24.53 1.50 0.00	20.89 1.24 0.00	20.20 1.14 0.00	19.43 1.03 0.00	18.98 1.01 0.00	18.54 1.08 0.00	19.01 1.18 0.00	20.79 1.34 0.00	24.37 1.64 0.00	30.13 1.87 0.00	34.69 2.57 0.00	32.08 2.16 0.00	27.43 1.67 -1.18	23.88 1.22 -1.95	20.49 0.81 0.00
NORTHPORT___IC 23718	20.09 0.62 0.00	18.22 0.43 0.00	17.82 0.43 0.00	17.73 0.38 0.00	18.56 0.44 0.00	22.04 0.52 0.00	29.81 1.21 -1.10	34.29 1.66 0.00	30.31 1.14 0.00	24.12 1.08 0.00	20.54 0.88 0.00	19.86 0.80 0.00	19.10 0.70 0.00	18.62 0.65 0.00	18.21 0.75 0.00	18.67 0.84 0.00	20.42 0.97 0.00	23.94 1.20 0.00	29.37 1.10 0.00	33.85 1.73 0.00	31.24 1.32 0.00	26.91 1.16 -1.17	23.58 0.93 -1.94	20.14 0.45 0.00
NORTH___COUNTRY_ESR 323785	19.97 0.51 0.00	18.09 0.30 0.00	17.65 0.26 0.00	17.56 0.21 0.00	18.33 0.20 0.00	21.69 0.17 0.00	27.81 0.30 0.00	32.63 0.00 0.00	29.43 0.26 0.00	23.29 0.25 0.00	19.89 0.24 0.00	19.25 0.19 0.00	18.59 0.18 0.00	18.13 0.16 0.00	17.60 0.14 0.00	17.98 0.14 0.00	19.69 0.23 0.00	23.09 0.36 0.00	28.72 0.45 0.00	32.25 0.13 0.00	30.31 0.39 0.00	25.22 0.64 0.00	21.17 0.46 0.00	20.10 0.41 0.00
NPX_GEN_1385_PROXY 323591	19.81 0.51 0.16	18.36 0.41 -0.16	17.82 0.43 0.00	17.72 0.36 0.00	18.56 0.43 0.00	21.91 0.39 0.00	29.82 1.21 -1.10	34.19 1.57 0.00	29.93 0.76 0.00	23.98 0.94 0.00	20.40 0.75 0.00	19.80 0.74 0.00	19.05 0.64 0.00	18.45 0.49 0.00	18.10 0.65 0.00	18.55 0.71 0.00	20.21 0.76 0.00	23.82 1.09 0.00	29.20 0.93 0.00	33.31 1.19 0.00	31.03 1.11 0.00	26.74 0.98 -1.18	23.36 0.70 -1.94	20.04 0.35 0.00
NPX_GEN_CSC 323557	19.81 0.51 0.16	18.41 0.46 -0.16	17.87 0.49 0.00	17.72 0.36 0.00	18.62 0.49 0.00	22.06 0.54 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.62 1.17 0.00	23.94 1.20 0.00	29.68 1.41 0.00	34.15 2.02 0.00	31.87 1.94 0.00	27.18 1.43 -1.18	23.64 0.97 -1.96	20.20 0.51 0.00
NSINS_S_GLNS_FALLS 23858	20.19 0.72 0.00	18.41 0.62 0.00	17.96 0.57 0.00	17.96 0.61 0.00	18.76 0.63 0.00	22.43 0.90 0.00	28.99 1.49 0.00	34.62 1.99 0.00	30.57 1.40 0.00	23.95 0.92 0.00	20.38 0.73 0.00	19.70 0.65 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.02 0.56 0.00	18.46 0.62 0.00	20.15 0.70 0.00	23.66 0.93 0.00	29.62 1.36 0.00	33.89 1.77 0.00	31.45 1.53 0.00	25.66 1.08 0.00	21.50 0.79 0.00	20.20 0.51 0.00
NUCOR_STEEL___DRP 24197	19.43 -0.04 0.00	17.83 0.04 0.00	17.42 0.03 0.00	17.39 0.03 0.00	18.20 0.07 0.00	21.63 0.11 0.00	27.43 -0.08 0.00	33.09 0.46 0.00	29.75 0.58 0.00	23.19 0.16 0.00	19.75 0.10 0.00	19.11 0.06 0.00	18.44 0.04 0.00	17.97 0.00 0.00	17.42 -0.03 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.75 0.02 0.00	28.24 -0.03 0.00	32.35 0.22 0.00	29.96 0.03 0.00	24.63 0.05 0.00	20.86 0.14 0.00	20.04 0.35 0.00
NUMBER_THREE_WT_PWR 323818	19.10 -0.37 0.00	17.38 -0.41 0.00	17.02 -0.37 0.00	16.99 -0.37 0.00	17.78 -0.34 0.00	21.24 -0.28 0.00	27.21 -0.30 0.00	32.40 -0.23 0.00	28.79 -0.38 0.00	22.59 -0.44 0.00	19.14 -0.51 0.00	18.52 -0.53 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.95 -0.51 0.00	17.35 -0.48 0.00	19.04 -0.41 0.00	22.57 -0.16 0.00	28.30 0.03 0.00	32.47 0.35 0.00	30.16 0.24 0.00	24.78 0.20 0.00	20.82 0.10 0.00	19.75 0.06 0.00
NYISO_LBMP_REFERENCE 24008	19.47 0.00 0.00	17.79 0.00 0.00	17.39 0.00 0.00	17.35 0.00 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.51 0.00 0.00	32.63 0.00 0.00	29.17 0.00 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.06 0.00 0.00	18.40 0.00 0.00	17.97 0.00 0.00	17.46 0.00 0.00	17.83 0.00 0.00	19.45 0.00 0.00	22.73 0.00 0.00	28.27 0.00 0.00	32.12 0.00 0.00	29.93 0.00 0.00	24.58 0.00 0.00	20.71 0.00 0.00	19.69 0.00 0.00
NYPA_BRENTWD___GT 24164	20.19 0.72 0.00	18.40 0.61 0.00	18.01 0.63 0.00	17.91 0.56 0.00	18.76 0.63 0.00	22.25 0.73 0.00	30.21 1.59 -1.10	34.85 2.22 0.00	30.74 1.57 0.00	24.42 1.38 0.00	20.77 1.12 0.00	20.06 1.01 0.00	19.29 0.88 0.00	18.80 0.83 0.00	18.38 0.92 0.00	18.87 1.03 0.00	20.68 1.23 0.00	24.23 1.50 0.00	29.88 1.61 0.00	34.40 2.28 0.00	31.90 1.97 0.00	27.31 1.55 -1.18	23.82 1.14 -1.97	20.39 0.71 0.00
NYPA_GOWANUS___GT5 24156	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00
NYPA_GOWANUS___GT6 24157	20.05 0.58 0.00	18.24 0.44 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.43 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.01 1.89 0.00	31.48 1.56 0.00	25.57 0.98 0.00	21.37 0.66 0.00	20.16 0.47 0.00

NYPA_HARLEM__RVR__GT1 24160	20.01 0.54 0.00	18.24 0.44 0.00	17.89 0.50 0.00	17.80 0.45 0.00	18.54 0.42 0.00	21.72 0.19 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.12 0.96 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.81 0.84 0.00	18.36 0.91 0.00	18.78 0.94 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.08 0.39 0.00
NYPA_HARLEM__RVR__GT2 24161	20.01 0.54 0.00	18.24 0.44 0.00	17.89 0.50 0.00	17.80 0.45 0.00	18.54 0.42 0.00	21.72 0.19 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.12 0.96 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.81 0.84 0.00	18.36 0.91 0.00	18.78 0.94 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.08 0.39 0.00
NYPA_KENT____GT 24152	20.01 0.54 0.00	18.20 0.41 0.00	17.86 0.47 0.00	17.79 0.43 0.00	18.53 0.40 0.00	21.87 0.34 0.00	28.22 0.71 0.00	34.16 1.53 0.00	30.34 1.17 0.00	24.05 1.01 0.00	20.50 0.84 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.81 0.98 0.00	20.37 0.91 0.00	23.91 1.18 0.00	29.65 1.38 0.00	33.98 1.86 0.00	31.42 1.50 0.00	25.52 0.93 0.00	21.33 0.62 0.00	20.12 0.43 0.00
NYPA_POUCH1____GT 24155	20.11 0.64 0.00	18.27 0.48 0.00	17.93 0.54 0.00	17.86 0.50 0.00	18.60 0.47 0.00	21.91 0.39 0.00	28.25 0.74 0.00	34.00 1.37 0.00	30.31 1.14 0.00	24.02 0.99 0.00	20.48 0.83 0.00	19.80 0.74 0.00	19.14 0.74 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.35 0.90 0.00	23.94 1.20 0.00	29.71 1.44 0.00	33.89 1.77 0.00	31.48 1.56 0.00	25.59 1.01 0.00	21.39 0.68 0.00	20.20 0.51 0.00
NYPA_VERNON____GT2 24162	19.95 0.49 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.77 0.42 0.00	18.51 0.38 0.00	21.85 0.32 0.00	28.22 0.71 0.00	34.19 1.57 0.00	30.31 1.14 0.00	24.02 0.99 0.00	20.50 0.84 0.00	19.84 0.78 0.00	19.18 0.77 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.80 0.96 0.00	20.35 0.90 0.00	23.87 1.14 0.00	29.60 1.33 0.00	33.95 1.83 0.00	31.36 1.44 0.00	25.49 0.91 0.00	21.31 0.60 0.00	20.08 0.39 0.00
NYPA_VERNON____GT3 24163	19.95 0.49 0.00	18.18 0.39 0.00	17.82 0.43 0.00	17.77 0.42 0.00	18.51 0.38 0.00	21.85 0.32 0.00	28.22 0.71 0.00	34.19 1.57 0.00	30.31 1.14 0.00	24.02 0.99 0.00	20.50 0.84 0.00	19.84 0.78 0.00	19.18 0.77 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.80 0.96 0.00	20.35 0.90 0.00	23.87 1.14 0.00	29.60 1.33 0.00	33.95 1.83 0.00	31.36 1.44 0.00	25.49 0.91 0.00	21.31 0.60 0.00	20.08 0.39 0.00
NYPA__ASTORIA_CC1 323568	19.95 0.49 0.00	18.16 0.37 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.80 0.28 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.30 1.38 0.00	25.44 0.86 0.00	21.27 0.56 0.00	20.06 0.37 0.00
NYPA__ASTORIA_CC2 323569	19.95 0.49 0.00	18.16 0.37 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.80 0.28 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.25 1.08 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.30 1.38 0.00	25.44 0.86 0.00	21.27 0.56 0.00	20.06 0.37 0.00
NYPA__HOLTSVILL 23794	20.07 0.60 0.00	18.31 0.52 0.00	17.93 0.54 0.00	17.80 0.45 0.00	18.67 0.54 0.00	22.12 0.60 0.00	30.12 1.51 -1.10	34.72 2.09 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.67 1.02 0.00	19.95 0.90 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.71 1.44 0.00	34.21 2.09 0.00	31.78 1.86 0.00	27.21 1.45 -1.18	23.68 1.01 -1.96	20.28 0.59 0.00
NYPA__HELLGATE_GT1 24158	20.01 0.54 0.00	18.24 0.44 0.00	17.89 0.50 0.00	17.80 0.45 0.00	18.54 0.42 0.00	21.72 0.19 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.12 0.96 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.81 0.84 0.00	18.36 0.91 0.00	18.78 0.94 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.08 0.39 0.00
NYPA__HELLGATE_GT2 24159	20.01 0.54 0.00	18.24 0.44 0.00	17.89 0.50 0.00	17.80 0.45 0.00	18.54 0.42 0.00	21.72 0.19 0.00	28.02 0.52 0.01	33.99 1.37 0.01	30.12 0.96 0.01	23.90 0.88 0.01	20.39 0.75 0.01	19.75 0.71 0.01	19.11 0.72 0.01	18.81 0.84 0.00	18.36 0.91 0.00	18.78 0.94 0.00	20.26 0.82 0.01	23.77 1.05 0.01	29.45 1.19 0.01	33.78 1.67 0.01	31.17 1.26 0.01	25.34 0.76 0.01	21.21 0.50 0.00	20.08 0.39 0.00
NYS_BARGE__HYD 23848	17.97 -1.50 0.00	16.46 -1.33 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.82 -1.31 0.00	20.19 -1.33 0.00	24.65 -2.86 0.00	28.42 -4.21 0.00	25.99 -3.18 0.00	20.94 -2.10 0.00	17.88 -1.77 0.00	17.34 -1.71 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.69 -1.76 0.00	16.07 -1.77 0.00	17.84 -1.61 0.00	20.80 -1.93 0.00	25.38 -2.88 0.00	29.58 -2.54 0.00	26.78 -3.14 0.00	22.32 -2.26 0.00	19.14 -1.57 0.00	18.94 -0.75 0.00
OAK_ORCHARD__HYD 24046	18.69 -0.78 0.00	17.11 -0.68 0.00	16.69 -0.70 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.83 -0.69 0.00	25.97 -1.54 0.00	30.54 -2.09 0.00	27.62 -1.55 0.00	22.04 -0.99 0.00	18.75 -0.90 0.00	18.18 -0.88 0.00	17.50 -0.90 0.00	17.05 -0.92 0.00	16.53 -0.93 0.00	16.90 -0.93 0.00	18.60 -0.86 0.00	21.73 -1.00 0.00	26.74 -1.53 0.00	30.97 -1.16 0.00	28.25 -1.68 0.00	23.43 -1.15 0.00	19.97 -0.74 0.00	19.37 -0.32 0.00
OAKDALE__35_KV_LOAD 356122	19.39 -0.08 0.00	17.77 -0.02 0.00	17.37 -0.02 0.00	17.35 0.00 0.00	18.16 0.04 0.00	21.57 0.04 0.00	27.43 -0.08 0.00	32.63 0.00 0.00	29.08 -0.09 0.00	23.06 0.02 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.90 -0.07 0.00	17.39 -0.07 0.00	17.78 -0.05 0.00	19.39 -0.06 0.00	22.66 -0.07 0.00	28.13 -0.14 0.00	32.25 0.13 0.00	29.78 -0.15 0.00	24.51 -0.07 0.00	20.69 -0.02 0.00	19.86 0.18 0.00
OCC_CHEM__DRP 24175	17.29 -2.18 0.00	16.12 -1.67 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.57 -1.56 0.00	19.61 -1.92 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.32 -2.08 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.76 -3.51 0.00	28.20 -3.92 0.00	26.13 -3.80 0.00	21.78 -2.80 0.00	18.66 -2.05 0.00	18.56 -1.12 0.00

OH_GEN_PROXY 24063	17.81 -1.50 0.16	16.62 -1.33 -0.16	16.01 -1.37 0.00	16.07 -1.28 0.00	16.82 -1.31 0.00	20.10 -1.42 0.00	24.62 -2.89 0.00	28.42 -4.21 0.00	25.93 -3.24 0.00	20.91 -2.12 0.00	17.88 -1.77 0.00	17.32 -1.73 0.00	16.66 -1.75 0.00	16.23 -1.74 0.00	15.71 -1.75 0.00	16.09 -1.75 0.00	17.82 -1.63 0.00	20.75 -1.98 0.00	25.30 -2.97 0.00	29.39 -2.73 0.00	26.66 -3.26 0.00	22.25 -2.34 0.00	19.07 -1.64 0.00	18.86 -0.83 0.00
OLIN_CORP_DRP 24177	17.32 -2.14 0.00	16.15 -1.64 0.00	15.81 -1.58 0.00	15.86 -1.49 0.00	16.60 -1.52 0.00	19.71 -1.81 0.00	24.26 -3.25 0.00	27.93 -4.70 0.00	25.55 -3.62 0.00	20.61 -2.42 0.00	17.63 -2.02 0.00	17.09 -1.96 0.00	16.42 -1.99 0.00	15.99 -1.98 0.00	15.48 -1.97 0.00	15.85 -1.98 0.00	17.56 -1.89 0.00	20.48 -2.25 0.00	24.93 -3.34 0.00	28.43 -3.69 0.00	26.30 -3.62 0.00	21.93 -2.65 0.00	18.79 -1.93 0.00	18.68 -1.00 0.00
OLIN_CORP_DSASP 323712	17.71 -1.75 0.00	16.21 -1.58 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.59 -1.54 0.00	19.78 -1.74 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.34 -2.06 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.79 -3.48 0.00	28.81 -3.31 0.00	26.12 -3.80 0.00	21.80 -2.78 0.00	18.72 -1.99 0.00	18.56 -1.12 0.00
ONEIDA_HERK_LFGE 323681	19.58 0.12 0.00	17.88 0.09 0.00	17.47 0.09 0.00	17.46 0.10 0.00	18.26 0.13 0.00	21.76 0.24 0.00	27.86 0.36 0.00	33.22 0.59 0.00	29.55 0.38 0.00	23.24 0.21 0.00	19.73 0.08 0.00	19.11 0.06 0.00	18.46 0.06 0.00	18.02 0.05 0.00	17.49 0.03 0.00	17.89 0.05 0.00	19.59 0.14 0.00	23.03 0.29 0.00	28.78 0.51 0.00	32.99 0.87 0.00	30.58 0.66 0.00	25.10 0.52 0.00	21.10 0.39 0.00	20.04 0.35 0.00
ONEIDA___115KV_TB4 55905	19.89 0.43 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.56 0.44 0.00	22.10 0.58 0.00	28.22 0.72 0.00	33.67 1.04 0.00	29.96 0.79 0.00	23.56 0.53 0.00	20.06 0.41 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.31 0.34 0.00	17.75 0.30 0.00	18.19 0.36 0.00	19.86 0.41 0.00	23.25 0.52 0.00	29.00 0.73 0.00	33.28 1.16 0.00	30.79 0.87 0.00	25.30 0.71 0.00	21.31 0.60 0.00	20.30 0.61 0.00
ONONDAGA_REF_OCCRA 23987	19.31 -0.16 0.00	17.70 -0.09 0.00	17.28 -0.10 0.00	17.27 -0.09 0.00	18.06 -0.07 0.00	21.44 -0.09 0.00	27.23 -0.28 0.00	32.53 -0.10 0.00	29.05 -0.12 0.00	22.94 -0.09 0.00	19.55 -0.10 0.00	18.96 -0.10 0.00	18.29 -0.11 0.00	17.84 -0.13 0.00	17.30 -0.16 0.00	17.69 -0.14 0.00	19.30 -0.16 0.00	22.55 -0.18 0.00	27.99 -0.28 0.00	32.02 -0.10 0.00	29.63 -0.30 0.00	24.36 -0.22 0.00	20.63 -0.08 0.00	19.80 0.12 0.00
ONONDAGA___COGEN 23986	19.39 -0.08 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.32 -0.19 0.00	32.82 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.09 -0.03 0.00	29.72 -0.21 0.00	24.44 -0.15 0.00	20.69 -0.02 0.00	19.88 0.20 0.00
ONTARIO___LFGE 23819	19.89 0.43 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.73 0.38 0.00	18.60 0.47 0.00	22.19 0.67 0.00	28.17 0.66 0.00	33.77 1.14 0.00	30.39 1.22 0.00	23.84 0.81 0.00	20.28 0.63 0.00	19.59 0.53 0.00	18.86 0.46 0.00	18.35 0.38 0.00	17.79 0.33 0.00	18.21 0.38 0.00	19.86 0.41 0.00	23.23 0.50 0.00	28.89 0.62 0.00	33.34 1.22 0.00	30.64 0.72 0.00	25.20 0.61 0.00	21.29 0.58 0.00	20.45 0.77 0.00
ORANGEVILLE_WT_PWR 323706	17.99 -1.48 0.00	16.47 -1.32 0.00	16.03 -1.36 0.00	16.09 -1.27 0.00	16.86 -1.27 0.00	20.21 -1.31 0.00	24.78 -2.72 0.00	28.65 -3.98 0.00	26.14 -3.03 0.00	21.07 -1.96 0.00	18.04 -1.61 0.00	17.47 -1.58 0.00	16.77 -1.64 0.00	16.32 -1.65 0.00	15.78 -1.68 0.00	16.18 -1.66 0.00	17.93 -1.52 0.00	20.94 -1.80 0.00	25.72 -2.54 0.00	29.97 -2.15 0.00	27.20 -2.72 0.00	22.64 -1.94 0.00	19.39 -1.33 0.00	19.16 -0.53 0.00
ORANGEVILLE___ESR 323794	17.99 -1.48 0.00	16.47 -1.32 0.00	16.03 -1.36 0.00	16.09 -1.27 0.00	16.86 -1.27 0.00	20.21 -1.31 0.00	24.78 -2.72 0.00	28.65 -3.98 0.00	26.14 -3.03 0.00	21.07 -1.96 0.00	18.04 -1.61 0.00	17.47 -1.58 0.00	16.77 -1.64 0.00	16.32 -1.65 0.00	15.78 -1.68 0.00	16.18 -1.66 0.00	17.93 -1.52 0.00	20.94 -1.80 0.00	25.72 -2.54 0.00	29.97 -2.15 0.00	27.20 -2.72 0.00	22.64 -1.94 0.00	19.39 -1.33 0.00	19.16 -0.53 0.00
OSWEGATCHIE___HYD 24044	18.77 -0.70 0.00	17.10 -0.69 0.00	16.73 -0.66 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.77 -0.75 0.00	26.63 -0.88 0.00	31.52 -1.11 0.00	28.18 -0.99 0.00	22.18 -0.85 0.00	18.84 -0.81 0.00	18.24 -0.82 0.00	17.59 -0.81 0.00	17.16 -0.81 0.00	16.67 -0.79 0.00	17.03 -0.80 0.00	18.67 -0.78 0.00	22.00 -0.73 0.00	27.53 -0.74 0.00	31.32 -0.80 0.00	29.27 -0.66 0.00	24.09 -0.49 0.00	20.24 -0.48 0.00	19.17 -0.51 0.00
OSWEGO___5 23606	19.15 -0.31 0.00	17.51 -0.29 0.00	17.11 -0.28 0.00	17.07 -0.28 0.00	17.86 -0.27 0.00	21.22 -0.30 0.00	26.90 -0.61 0.00	31.84 -0.78 0.00	28.44 -0.73 0.00	22.50 -0.53 0.00	19.20 -0.45 0.00	18.64 -0.42 0.00	17.98 -0.42 0.00	17.56 -0.41 0.00	17.02 -0.44 0.00	17.39 -0.45 0.00	18.97 -0.49 0.00	22.14 -0.59 0.00	27.48 -0.79 0.00	31.44 -0.68 0.00	29.09 -0.84 0.00	23.97 -0.61 0.00	20.36 -0.35 0.00	19.47 -0.22 0.00
OSWEGO___6 23613	19.15 -0.31 0.00	17.51 -0.29 0.00	17.11 -0.28 0.00	17.07 -0.28 0.00	17.86 -0.27 0.00	21.22 -0.30 0.00	26.90 -0.61 0.00	31.84 -0.78 0.00	28.44 -0.73 0.00	22.50 -0.53 0.00	19.20 -0.45 0.00	18.64 -0.42 0.00	17.98 -0.42 0.00	17.56 -0.41 0.00	17.02 -0.44 0.00	17.39 -0.45 0.00	18.97 -0.49 0.00	22.14 -0.59 0.00	27.48 -0.79 0.00	31.44 -0.68 0.00	29.09 -0.84 0.00	23.97 -0.61 0.00	20.36 -0.35 0.00	19.47 -0.22 0.00
OUTOKUMPU-AB___DRP 24206	17.67 -1.79 0.00	16.49 -1.30 0.00	16.14 -1.25 0.00	16.19 -1.16 0.00	16.95 -1.18 0.00	20.12 -1.40 0.00	24.84 -2.67 0.00	28.65 -3.98 0.00	26.19 -2.98 0.00	21.10 -1.93 0.00	18.04 -1.61 0.00	17.49 -1.56 0.00	16.78 -1.62 0.00	16.37 -1.60 0.00	15.83 -1.62 0.00	16.21 -1.62 0.00	17.97 -1.48 0.00	20.96 -1.77 0.00	25.58 -2.69 0.00	29.20 -2.92 0.00	27.02 -2.90 0.00	22.47 -2.11 0.00	19.22 -1.49 0.00	19.06 -0.63 0.00
OXBOW___BTM 323836	17.91 -1.56 0.00	16.40 -1.39 0.00	15.96 -1.43 0.00	16.02 -1.34 0.00	16.79 -1.34 0.00	20.06 -1.46 0.00	24.48 -3.03 0.00	28.22 -4.41 0.00	25.84 -3.33 0.00	20.82 -2.21 0.00	17.80 -1.85 0.00	17.26 -1.79 0.00	16.58 -1.82 0.00	16.16 -1.81 0.00	15.62 -1.83 0.00	16.00 -1.84 0.00	17.74 -1.71 0.00	20.69 -2.05 0.00	25.21 -3.05 0.00	29.36 -2.76 0.00	26.60 -3.32 0.00	22.17 -2.41 0.00	19.01 -1.70 0.00	18.84 -0.85 0.00

OXBOW____ 24026	17.48 -1.99 0.00	16.31 -1.48 0.00	15.96 -1.43 0.00	16.02 -1.34 0.00	16.77 -1.36 0.00	19.89 -1.64 0.00	24.48 -3.03 0.00	28.22 -4.40 0.00	25.84 -3.33 0.00	20.82 -2.21 0.00	17.80 -1.85 0.00	17.26 -1.79 0.00	16.58 -1.82 0.00	16.15 -1.81 0.00	15.62 -1.83 0.00	16.00 -1.84 0.00	17.74 -1.71 0.00	20.69 -2.05 0.00	25.19 -3.08 0.00	28.75 -3.37 0.00	26.60 -3.32 0.00	22.15 -2.43 0.00	18.95 -1.76 0.00	18.84 -0.85 0.00
OXY_CHEM_DSASP 323612	17.29 -2.18 0.00	16.12 -1.67 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.57 -1.56 0.00	19.61 -1.92 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.32 -2.08 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.76 -3.51 0.00	28.20 -3.92 0.00	26.13 -3.80 0.00	21.78 -2.80 0.00	18.66 -2.05 0.00	18.56 -1.12 0.00
OZONE_PARK_ESR 323760	20.13 0.66 0.00	18.24 0.44 0.00	17.86 0.47 0.00	17.80 0.45 0.00	18.56 0.44 0.00	22.02 0.50 0.00	28.44 0.94 0.00	34.46 1.83 0.00	30.48 1.31 0.00	24.18 1.15 0.00	20.61 0.96 0.00	19.93 0.88 0.00	19.29 0.88 0.00	18.94 0.97 0.00	18.49 1.03 0.00	18.89 1.05 0.00	20.46 1.01 0.00	24.00 1.27 0.00	29.79 1.53 0.00	34.30 2.18 0.00	31.54 1.62 0.00	25.71 1.13 0.00	21.52 0.81 0.00	20.16 0.47 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.29 -2.18 0.00	16.12 -1.67 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.57 -1.56 0.00	19.61 -1.92 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.32 -2.08 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.76 -3.51 0.00	28.20 -3.92 0.00	26.13 -3.80 0.00	21.78 -2.80 0.00	18.66 -2.05 0.00	18.56 -1.12 0.00
PACKARD__115KV_DUPONT_184 80571	17.29 -2.18 0.00	16.12 -1.67 0.00	15.79 -1.60 0.00	15.83 -1.53 0.00	16.57 -1.56 0.00	19.61 -1.92 0.00	24.12 -3.38 0.00	27.73 -4.89 0.00	25.41 -3.76 0.00	20.50 -2.53 0.00	17.55 -2.10 0.00	17.00 -2.06 0.00	16.32 -2.08 0.00	15.92 -2.05 0.00	15.40 -2.06 0.00	15.76 -2.07 0.00	17.47 -1.98 0.00	20.37 -2.36 0.00	24.76 -3.51 0.00	28.20 -3.92 0.00	26.13 -3.80 0.00	21.78 -2.80 0.00	18.66 -2.05 0.00	18.56 -1.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.11 0.64 0.00	18.22 0.43 0.00	17.86 0.47 0.00	17.77 0.42 0.00	18.51 0.38 0.00	21.76 0.24 0.00	28.03 0.52 0.00	34.00 1.37 0.00	30.13 0.96 0.00	23.89 0.85 0.00	20.38 0.73 0.00	19.72 0.67 0.00	19.09 0.68 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.25 0.80 0.00	23.75 1.02 0.00	29.43 1.16 0.00	33.82 1.70 0.00	31.15 1.23 0.00	25.37 0.79 0.00	21.29 0.58 0.00	20.06 0.37 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.24 0.78 0.00	18.34 0.55 0.00	17.98 0.59 0.00	17.91 0.56 0.00	18.65 0.53 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.23 1.60 0.00	30.34 1.17 0.00	24.02 0.99 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.14 0.74 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.31 0.86 0.00	23.85 1.11 0.00	29.57 1.30 0.00	34.02 1.90 0.00	31.30 1.38 0.00	25.49 0.91 0.00	21.42 0.70 0.00	20.20 0.51 0.00
PATROON__115KV_TB1 80586	20.03 0.56 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.86 0.50 0.00	18.64 0.51 0.00	22.17 0.65 0.00	28.53 1.02 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.77 0.74 0.00	20.28 0.63 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.03 0.58 0.00	18.35 0.52 0.00	20.02 0.56 0.00	23.39 0.66 0.00	29.14 0.88 0.00	33.31 1.19 0.00	30.88 0.96 0.00	25.30 0.71 0.00	21.23 0.52 0.00	19.98 0.30 0.00
PATTRSNVILLE__SOLAR 323815	19.83 0.37 0.00	18.15 0.36 0.00	17.72 0.33 0.00	17.70 0.35 0.00	18.49 0.36 0.00	22.02 0.50 0.00	28.33 0.82 0.00	33.80 1.17 0.00	29.93 0.76 0.00	23.54 0.51 0.00	20.04 0.39 0.00	19.44 0.38 0.00	18.77 0.37 0.00	18.31 0.34 0.00	17.81 0.35 0.00	18.22 0.39 0.00	19.90 0.45 0.00	23.30 0.57 0.00	29.09 0.82 0.00	33.21 1.09 0.00	30.85 0.93 0.00	25.22 0.64 0.00	21.13 0.41 0.00	19.98 0.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.20 -1.27 0.00	16.94 -0.85 0.00	16.57 -0.82 0.00	16.62 -0.73 0.00	17.44 -0.69 0.00	20.70 -0.82 0.00	25.69 -1.82 0.00	29.72 -2.90 0.00	27.04 -2.13 0.00	21.77 -1.27 0.00	18.61 -1.04 0.00	18.03 -1.03 0.00	17.32 -1.09 0.00	16.87 -1.10 0.00	16.32 -1.13 0.00	16.73 -1.11 0.00	18.56 -0.89 0.00	21.64 -1.09 0.00	26.52 -1.75 0.00	30.42 -1.70 0.00	28.04 -1.89 0.00	23.26 -1.33 0.00	19.84 -0.87 0.00	19.63 -0.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.11 0.64 0.00	18.27 0.48 0.00	17.87 0.49 0.00	17.84 0.49 0.00	18.58 0.45 0.00	22.08 0.56 0.00	28.50 0.99 0.00	34.49 1.86 0.00	30.48 1.31 0.00	23.95 0.92 0.00	20.42 0.77 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.71 0.74 0.00	18.24 0.79 0.00	18.69 0.86 0.00	20.31 0.86 0.00	23.80 1.07 0.00	29.60 1.33 0.00	34.02 1.90 0.00	31.36 1.44 0.00	25.64 1.06 0.00	21.42 0.70 0.00	20.12 0.43 0.00
PEEKSKILL____ 23653	19.82 0.35 0.00	18.06 0.27 0.00	17.70 0.31 0.00	17.65 0.29 0.00	18.42 0.29 0.00	21.82 0.30 0.00	28.22 0.71 0.00	34.10 1.47 0.00	30.10 0.93 0.00	23.82 0.78 0.00	20.30 0.65 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.62 0.65 0.00	18.16 0.70 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.62 0.89 0.00	29.34 1.07 0.00	33.66 1.54 0.00	31.09 1.17 0.00	25.35 0.76 0.00	21.17 0.46 0.00	19.92 0.24 0.00
PGE MADISON__WINDPWR 24146	20.94 1.48 0.00	19.16 1.37 0.00	18.66 1.27 0.00	18.64 1.28 0.00	19.50 1.38 0.00	23.35 1.83 0.00	29.76 2.26 0.00	35.63 3.00 0.00	31.56 2.39 0.00	24.69 1.66 0.00	20.87 1.22 0.00	20.10 1.05 0.00	19.43 1.03 0.00	18.90 0.93 0.00	18.35 0.89 0.00	18.85 1.02 0.00	20.71 1.26 0.00	24.37 1.64 0.00	30.61 2.34 0.00	35.56 3.44 0.00	32.59 2.66 0.00	26.77 2.19 0.00	22.60 1.88 0.00	21.56 1.87 0.00
PIERCEFIELD__HYD 23852	18.94 -0.53 0.00	17.26 -0.53 0.00	16.85 -0.54 0.00	16.78 -0.57 0.00	17.53 -0.60 0.00	20.83 -0.69 0.00	26.71 -0.80 0.00	31.39 -1.24 0.00	28.29 -0.88 0.00	22.34 -0.69 0.00	19.04 -0.61 0.00	18.41 -0.65 0.00	17.78 -0.63 0.00	17.36 -0.61 0.00	16.85 -0.61 0.00	17.21 -0.62 0.00	18.83 -0.62 0.00	22.10 -0.64 0.00	27.56 -0.71 0.00	31.03 -1.09 0.00	29.21 -0.72 0.00	24.09 -0.49 0.00	20.21 -0.50 0.00	19.13 -0.55 0.00
PINELAWN_CC_1 323563	20.15 0.68 0.00	18.34 0.55 0.00	17.98 0.59 0.00	17.87 0.52 0.00	18.71 0.58 0.00	22.19 0.67 0.00	30.10 1.48 -1.10	34.81 2.19 0.00	30.71 1.54 0.00	24.35 1.31 0.00	20.71 1.06 0.00	20.01 0.95 0.00	19.25 0.85 0.00	18.78 0.81 0.00	18.36 0.91 0.00	18.83 1.00 0.00	20.62 1.17 0.00	24.17 1.43 0.00	29.88 1.61 0.00	34.40 2.28 0.00	31.84 1.92 0.00	27.23 1.47 -1.18	23.84 1.08 -2.05	20.34 0.65 0.00

PJM_GEN_HTP_PROXY 323702	19.67 0.37 0.16	18.23 0.28 -0.16	17.72 0.33 0.00	17.67 0.31 0.00	18.42 0.29 0.00	21.82 0.30 0.00	28.22 0.71 0.00	34.19 1.57 0.00	30.22 1.05 0.00	23.96 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.71 0.87 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.44 0.86 0.00	21.25 0.54 0.00	19.98 0.30 0.00
PJM_GEN_KEystone 24065	18.90 -0.41 0.16	17.58 -0.37 -0.16	17.04 -0.35 0.00	17.02 -0.33 0.00	17.82 -0.31 0.00	21.16 -0.37 0.00	26.85 -0.66 0.00	31.91 -0.72 0.00	27.12 -0.70 1.35	22.69 -0.34 0.00	19.36 -0.29 0.00	18.75 -0.31 0.00	18.07 -0.33 0.00	17.66 -0.31 0.00	17.18 -0.28 0.00	17.58 -0.25 0.00	19.22 -0.23 0.00	22.30 -0.27 0.16	27.79 -0.48 0.00	32.06 -0.06 0.00	29.42 -0.51 0.00	24.14 -0.44 0.00	20.36 -0.35 0.00	19.53 -0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.79 0.49 0.16	18.34 0.39 -0.16	17.80 0.42 0.00	17.72 0.36 0.00	18.54 0.42 0.00	21.97 0.45 0.00	29.71 1.10 -1.10	34.42 1.79 0.00	30.39 1.22 0.00	24.12 1.08 0.00	20.54 0.89 0.00	19.86 0.80 0.00	19.14 0.74 0.00	18.69 0.72 0.00	18.26 0.80 0.00	18.71 0.87 0.00	20.42 0.97 0.00	23.94 1.20 0.00	29.57 1.30 0.00	34.01 1.89 0.00	31.45 1.53 0.00	26.91 1.16 -1.18	23.39 0.81 -1.87	20.12 0.43 0.00
PJM_GEN_VFT_PROXY 323633	19.58 0.27 0.16	18.13 0.18 -0.16	17.63 0.24 0.00	17.58 0.23 0.00	18.33 0.20 0.00	21.69 0.17 0.00	28.06 0.55 0.00	34.00 1.37 0.00	30.08 0.91 0.00	23.86 0.83 0.00	20.34 0.69 0.00	19.68 0.63 0.00	19.05 0.64 0.00	18.71 0.74 0.00	18.24 0.79 0.00	18.64 0.80 0.00	20.19 0.74 0.00	23.69 0.95 0.00	29.37 1.10 0.00	33.73 1.61 0.00	31.09 1.17 0.00	25.32 0.74 0.00	21.15 0.44 0.00	19.86 0.18 0.00
PLATSBURG_115KV_PMLD1 355749	20.26 0.80 0.00	18.25 0.46 0.00	17.82 0.43 0.00	17.73 0.38 0.00	18.49 0.36 0.00	21.91 0.39 0.00	28.06 0.55 0.00	32.95 0.33 0.00	29.69 0.53 0.00	23.52 0.48 0.00	20.08 0.43 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.29 0.32 0.00	17.74 0.28 0.00	18.14 0.30 0.00	19.86 0.41 0.00	23.32 0.59 0.00	29.03 0.76 0.00	32.63 0.51 0.00	30.64 0.72 0.00	25.59 1.01 0.00	21.50 0.79 0.00	20.41 0.73 0.00
PLEASANTVLY__LBMP 24000	19.84 0.37 0.00	18.06 0.27 0.00	17.67 0.28 0.00	17.63 0.28 0.00	18.40 0.27 0.00	21.84 0.32 0.00	28.17 0.66 0.00	33.97 1.34 0.00	29.99 0.82 0.00	23.65 0.62 0.00	20.18 0.53 0.00	19.57 0.51 0.00	18.92 0.52 0.00	18.51 0.54 0.00	18.03 0.58 0.00	18.46 0.62 0.00	20.07 0.62 0.00	23.46 0.73 0.00	29.20 0.93 0.00	33.50 1.38 0.00	30.91 0.99 0.00	25.27 0.69 0.00	21.17 0.46 0.00	19.88 0.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.95 0.49 0.00	18.13 0.34 0.00	17.74 0.35 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.93 0.41 0.00	28.28 0.77 0.00	34.19 1.57 0.00	30.22 1.05 0.00	23.89 0.85 0.00	20.36 0.71 0.00	19.72 0.67 0.00	19.09 0.68 0.00	18.69 0.72 0.00	18.23 0.77 0.00	18.64 0.80 0.00	20.23 0.78 0.00	23.69 0.95 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.47 0.88 0.00	21.33 0.62 0.00	20.00 0.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.95 0.49 0.00	18.13 0.34 0.00	17.74 0.35 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.93 0.41 0.00	28.28 0.77 0.00	34.19 1.57 0.00	30.22 1.05 0.00	23.89 0.85 0.00	20.36 0.71 0.00	19.72 0.67 0.00	19.09 0.68 0.00	18.69 0.72 0.00	18.23 0.77 0.00	18.64 0.80 0.00	20.23 0.78 0.00	23.69 0.95 0.00	29.45 1.19 0.00	33.85 1.73 0.00	31.18 1.26 0.00	25.47 0.88 0.00	21.33 0.62 0.00	20.00 0.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.99 0.53 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.75 0.40 0.00	18.54 0.42 0.00	22.02 0.50 0.00	28.39 0.88 0.00	34.26 1.63 0.00	30.25 1.08 0.00	23.79 0.76 0.00	20.26 0.61 0.00	19.63 0.57 0.00	18.97 0.57 0.00	18.56 0.59 0.00	18.10 0.65 0.00	18.56 0.73 0.00	20.19 0.74 0.00	23.62 0.89 0.00	29.40 1.13 0.00	33.79 1.67 0.00	31.18 1.26 0.00	25.49 0.91 0.00	21.31 0.60 0.00	20.04 0.35 0.00
POLETTI____ 23519	19.93 0.47 0.00	18.08 0.28 0.00	17.70 0.31 0.00	17.65 0.30 0.00	18.40 0.27 0.00	21.82 0.30 0.00	28.17 0.66 0.00	34.13 1.50 0.00	30.19 1.02 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.10 0.70 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.27 0.82 0.00	23.75 1.02 0.00	29.48 1.22 0.00	33.92 1.80 0.00	31.18 1.26 0.00	25.44 0.86 0.00	21.31 0.60 0.00	19.96 0.28 0.00
POMONA____ESR 323819	19.80 0.33 0.00	18.04 0.25 0.00	17.68 0.30 0.00	17.63 0.28 0.00	18.42 0.29 0.00	21.80 0.28 0.00	28.20 0.69 0.00	34.06 1.43 0.00	30.08 0.91 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.99 0.59 0.00	18.58 0.61 0.00	18.14 0.68 0.00	18.56 0.73 0.00	20.15 0.70 0.00	23.57 0.84 0.00	29.31 1.05 0.00	33.66 1.54 0.00	31.06 1.14 0.00	25.32 0.74 0.00	21.15 0.44 0.00	19.92 0.24 0.00
PORT_JEFF_3 23555	20.11 0.64 0.00	18.34 0.55 0.00	17.96 0.57 0.00	17.82 0.47 0.00	18.71 0.58 0.00	22.17 0.65 0.00	30.18 1.57 -1.10	34.78 2.15 0.00	30.48 1.31 0.00	24.18 1.15 0.00	20.59 0.94 0.00	19.87 0.82 0.00	19.09 0.68 0.00	18.62 0.65 0.00	18.21 0.75 0.00	18.69 0.86 0.00	20.50 1.05 0.00	23.96 1.23 0.00	29.62 1.36 0.00	34.11 1.99 0.00	31.81 1.89 0.00	27.28 1.52 -1.18	23.75 1.08 -1.96	20.32 0.63 0.00
PORT_JEFF_4 23616	20.11 0.64 0.00	18.34 0.55 0.00	17.96 0.57 0.00	17.82 0.47 0.00	18.71 0.58 0.00	22.17 0.65 0.00	30.18 1.57 -1.10	34.78 2.15 0.00	30.48 1.31 0.00	24.18 1.15 0.00	20.59 0.94 0.00	19.87 0.82 0.00	19.09 0.68 0.00	18.62 0.65 0.00	18.21 0.75 0.00	18.69 0.86 0.00	20.50 1.05 0.00	23.96 1.23 0.00	29.62 1.36 0.00	34.11 1.99 0.00	31.81 1.89 0.00	27.28 1.52 -1.18	23.75 1.08 -1.96	20.32 0.63 0.00
PORT_JEFF_IC 23713	20.26 0.80 0.00	18.38 0.59 0.00	17.98 0.59 0.00	17.89 0.54 0.00	18.73 0.60 0.00	22.25 0.73 0.00	30.23 1.62 -1.10	34.85 2.22 0.00	30.60 1.43 0.00	24.28 1.24 0.00	20.65 1.00 0.00	19.93 0.88 0.00	19.14 0.74 0.00	18.67 0.70 0.00	18.26 0.80 0.00	18.76 0.93 0.00	20.58 1.13 0.00	24.05 1.32 0.00	29.74 1.47 0.00	34.30 2.18 0.00	31.78 1.86 0.00	27.35 1.60 -1.17	23.86 1.20 -1.95	20.36 0.67 0.00
PPL PILGRIM_ST_GT1 24216	20.19 0.72 0.00	18.40 0.61 0.00	18.01 0.63 0.00	17.91 0.56 0.00	18.76 0.63 0.00	22.25 0.73 0.00	30.21 1.59 -1.10	34.85 2.22 0.00	30.74 1.57 0.00	24.42 1.38 0.00	20.77 1.12 0.00	20.06 1.01 0.00	19.29 0.88 0.00	18.80 0.83 0.00	18.38 0.92 0.00	18.87 1.03 0.00	20.68 1.23 0.00	24.23 1.50 0.00	29.88 1.61 0.00	34.40 2.28 0.00	31.90 1.97 0.00	27.31 1.55 -1.18	23.82 1.14 -1.97	20.39 0.71 0.00

PPL PILGRIM_ST_GT2 24217	20.19 0.72 0.00	18.40 0.61 0.00	18.01 0.63 0.00	17.91 0.56 0.00	18.76 0.63 0.00	22.25 0.73 0.00	30.21 1.59 -1.10	34.85 2.22 0.00	30.74 1.57 0.00	24.42 1.38 0.00	20.77 1.12 0.00	20.06 1.01 0.00	19.29 0.88 0.00	18.80 0.83 0.00	18.38 0.92 0.00	18.87 1.03 0.00	20.68 1.23 0.00	24.23 1.50 0.00	29.88 1.61 0.00	34.40 2.28 0.00	31.90 1.97 0.00	27.31 1.55 -1.18	23.82 1.14 -1.97	20.39 0.71 0.00
PPL_SHRM_GT3 24213	19.99 0.53 0.00	18.25 0.46 0.00	17.89 0.50 0.00	17.72 0.36 0.00	18.63 0.51 0.00	22.06 0.54 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.62 1.17 0.00	23.96 1.23 0.00	29.68 1.41 0.00	34.18 2.06 0.00	31.87 1.94 0.00	27.21 1.45 -1.18	23.64 0.97 -1.96	20.20 0.51 0.00
PPL_SHRM_GT4 24214	19.99 0.53 0.00	18.25 0.46 0.00	17.89 0.50 0.00	17.72 0.36 0.00	18.63 0.51 0.00	22.06 0.54 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.62 1.17 0.00	23.96 1.23 0.00	29.68 1.41 0.00	34.18 2.06 0.00	31.87 1.94 0.00	27.21 1.45 -1.18	23.64 0.97 -1.96	20.20 0.51 0.00
PROJECT___ORANGE 1 24174	19.25 -0.21 0.00	17.65 -0.14 0.00	17.25 -0.14 0.00	17.21 -0.14 0.00	18.02 -0.11 0.00	21.39 -0.13 0.00	27.12 -0.39 0.00	32.33 -0.29 0.00	28.88 -0.29 0.00	22.83 -0.21 0.00	19.49 -0.16 0.00	18.88 -0.17 0.00	18.24 -0.17 0.00	17.81 -0.16 0.00	17.25 -0.21 0.00	17.64 -0.20 0.00	19.22 -0.23 0.00	22.46 -0.27 0.00	27.84 -0.42 0.00	31.83 -0.29 0.00	29.48 -0.45 0.00	24.24 -0.34 0.00	20.53 -0.19 0.00	19.75 0.06 0.00
PROJECT___ORANGE 2 24166	19.25 -0.21 0.00	17.65 -0.14 0.00	17.25 -0.14 0.00	17.21 -0.14 0.00	18.02 -0.11 0.00	21.39 -0.13 0.00	27.12 -0.39 0.00	32.33 -0.29 0.00	28.88 -0.29 0.00	22.83 -0.21 0.00	19.49 -0.16 0.00	18.88 -0.17 0.00	18.24 -0.17 0.00	17.81 -0.16 0.00	17.25 -0.21 0.00	17.64 -0.20 0.00	19.22 -0.23 0.00	22.46 -0.27 0.00	27.84 -0.42 0.00	31.83 -0.29 0.00	29.48 -0.45 0.00	24.24 -0.34 0.00	20.53 -0.19 0.00	19.75 0.06 0.00
PUCKETT___SOLAR 323809	19.83 0.37 0.00	18.13 0.34 0.00	17.72 0.33 0.00	17.70 0.35 0.00	18.53 0.40 0.00	22.06 0.54 0.00	28.09 0.58 0.00	33.48 0.85 0.00	29.75 0.58 0.00	23.45 0.42 0.00	19.91 0.25 0.00	19.23 0.17 0.00	18.55 0.15 0.00	18.08 0.11 0.00	17.54 0.09 0.00	17.98 0.14 0.00	19.67 0.21 0.00	23.07 0.34 0.00	28.75 0.48 0.00	33.18 1.06 0.00	30.52 0.60 0.00	25.07 0.49 0.00	21.17 0.46 0.00	20.26 0.57 0.00
PYRITES___HYD 24023	19.33 -0.14 0.00	17.63 -0.16 0.00	17.21 -0.17 0.00	17.16 -0.19 0.00	17.93 -0.20 0.00	21.33 -0.19 0.00	27.37 -0.14 0.00	32.17 -0.46 0.00	28.99 -0.18 0.00	22.89 -0.14 0.00	19.51 -0.14 0.00	18.87 -0.19 0.00	18.22 -0.18 0.00	17.77 -0.20 0.00	17.25 -0.21 0.00	17.60 -0.23 0.00	19.24 -0.21 0.00	22.55 -0.18 0.00	28.18 -0.08 0.00	31.73 -0.39 0.00	29.90 -0.03 0.00	24.63 0.05 0.00	20.65 -0.06 0.00	19.53 -0.16 0.00
QUAKERRD_115KV_BK1 80622	18.14 -1.32 0.00	16.74 -1.05 0.00	16.38 -1.01 0.00	16.36 -0.99 0.00	17.11 -1.02 0.00	20.36 -1.16 0.00	25.58 -1.93 0.00	30.18 -2.45 0.00	27.22 -1.95 0.00	21.67 -1.36 0.00	18.43 -1.22 0.00	17.87 -1.18 0.00	17.21 -1.20 0.00	16.78 -1.19 0.00	16.27 -1.19 0.00	16.64 -1.19 0.00	18.26 -1.19 0.00	21.34 -1.39 0.00	26.32 -1.95 0.00	30.03 -2.09 0.00	27.80 -2.12 0.00	22.98 -1.60 0.00	19.51 -1.20 0.00	18.94 -0.75 0.00
QUENSBRY_115KV_TB8 356137	20.17 0.70 0.00	18.40 0.60 0.00	17.96 0.57 0.00	17.94 0.59 0.00	18.74 0.62 0.00	22.43 0.90 0.00	28.99 1.49 0.00	34.65 2.02 0.00	30.60 1.43 0.00	23.98 0.94 0.00	20.40 0.75 0.00	19.70 0.65 0.00	19.03 0.63 0.00	18.53 0.56 0.00	18.02 0.56 0.00	18.46 0.62 0.00	20.17 0.72 0.00	23.69 0.95 0.00	29.65 1.39 0.00	33.89 1.77 0.00	31.48 1.56 0.00	25.66 1.08 0.00	21.48 0.77 0.00	20.18 0.49 0.00
RAMAPO___LBMP 323565	19.82 0.35 0.00	18.00 0.21 0.00	17.63 0.24 0.00	17.58 0.23 0.00	18.36 0.24 0.00	21.78 0.26 0.00	28.11 0.61 0.00	33.93 1.31 0.00	29.96 0.79 0.00	23.70 0.67 0.00	20.20 0.55 0.00	19.57 0.51 0.00	18.92 0.52 0.00	18.53 0.56 0.00	18.07 0.61 0.00	18.49 0.66 0.00	20.07 0.62 0.00	23.48 0.75 0.00	29.17 0.90 0.00	33.60 1.48 0.00	30.91 0.99 0.00	25.27 0.69 0.00	21.17 0.46 0.00	19.86 0.18 0.00
RANKINE____ 23646	17.91 -1.56 0.00	16.67 -1.12 0.00	16.31 -1.08 0.00	16.36 -0.99 0.00	17.15 -0.98 0.00	20.38 -1.14 0.00	25.22 -2.28 0.00	29.14 -3.49 0.00	26.57 -2.60 0.00	21.40 -1.64 0.00	18.32 -1.34 0.00	17.74 -1.31 0.00	17.04 -1.36 0.00	16.60 -1.37 0.00	16.06 -1.40 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.28 -1.45 0.00	26.01 -2.26 0.00	29.78 -2.34 0.00	27.50 -2.42 0.00	22.84 -1.75 0.00	19.53 -1.18 0.00	19.35 -0.33 0.00
RAVENSWOOD_GT2_1 24244	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT2_2 24245	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT2_3 24246	19.99 0.53 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.45 0.33 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.80 0.74 0.00	19.14 0.74 0.00	18.80 0.83 0.00	18.33 0.87 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT2_4 24247	19.99 0.53 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.45 0.33 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.80 0.74 0.00	19.14 0.74 0.00	18.80 0.83 0.00	18.33 0.87 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00

RAVENSWOOD_GT3_1 24248	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT3_2 24249	19.97 0.51 0.00	18.13 0.34 0.00	17.75 0.37 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT3_3 24250	19.99 0.53 0.00	18.15 0.36 0.00	17.77 0.38 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.89 0.37 0.00	28.28 0.77 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.02 1.90 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.02 0.33 0.00
RAVENSWOOD_GT3_4 24251	19.99 0.53 0.00	18.15 0.36 0.00	17.77 0.38 0.00	17.70 0.35 0.00	18.47 0.34 0.00	21.89 0.37 0.00	28.28 0.77 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.02 1.90 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.37 0.66 0.00	20.02 0.33 0.00
RAVENSWOOD_GT_1 23729	20.07 0.60 0.00	18.20 0.41 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.87 0.34 0.00	28.22 0.72 0.00	34.19 1.57 0.00	30.31 1.14 0.00	24.02 0.99 0.00	20.50 0.85 0.00	19.84 0.78 0.00	19.18 0.77 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.80 0.96 0.00	20.35 0.89 0.00	23.87 1.14 0.00	29.60 1.33 0.00	34.02 1.90 0.00	31.33 1.41 0.00	25.52 0.93 0.00	21.39 0.68 0.00	20.08 0.39 0.00
RAVENSWOOD_GT_10 24258	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT_11 24259	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT_4 24252	19.95 0.49 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	19.98 0.30 0.00
RAVENSWOOD_GT_5 24254	19.95 0.49 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	19.98 0.30 0.00
RAVENSWOOD_GT_6 24253	19.95 0.49 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	19.98 0.30 0.00
RAVENSWOOD_GT_7 24255	19.95 0.49 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.95 0.92 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.76 0.79 0.00	18.31 0.86 0.00	18.71 0.87 0.00	20.29 0.84 0.00	23.78 1.05 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	19.98 0.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD_GT_9 24257	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.45 0.33 0.00	21.87 0.34 0.00	28.25 0.74 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.51 1.24 0.00	33.98 1.86 0.00	31.24 1.32 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RAVENSWOOD___1 23533	19.95 0.49 0.00	18.16 0.37 0.00	17.82 0.43 0.00	17.75 0.40 0.00	18.51 0.38 0.00	21.82 0.30 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.28 1.11 0.00	24.02 0.99 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.18 0.77 0.00	18.85 0.88 0.00	18.40 0.94 0.00	18.80 0.96 0.00	20.35 0.90 0.00	23.87 1.14 0.00	29.60 1.33 0.00	33.95 1.83 0.00	31.33 1.41 0.00	25.47 0.88 0.00	21.29 0.58 0.00	20.06 0.37 0.00
RAVENSWOOD___2 23534	19.95 0.49 0.00	18.16 0.37 0.00	17.80 0.42 0.00	17.75 0.40 0.00	18.49 0.36 0.00	21.82 0.30 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.18 0.77 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.80 0.96 0.00	20.35 0.90 0.00	23.85 1.11 0.00	29.60 1.33 0.00	33.92 1.80 0.00	31.33 1.41 0.00	25.47 0.88 0.00	21.29 0.58 0.00	20.06 0.37 0.00

RAVENSWOOD___3 23535	19.88 0.41 0.00	18.11 0.32 0.00	17.75 0.37 0.00	17.70 0.35 0.00	18.45 0.33 0.00	21.85 0.32 0.00	28.22 0.71 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.98 0.94 0.00	20.44 0.79 0.00	19.78 0.72 0.00	19.14 0.74 0.00	18.78 0.81 0.00	18.33 0.87 0.00	18.72 0.89 0.00	20.29 0.84 0.00	23.80 1.07 0.00	29.54 1.27 0.00	33.92 1.80 0.00	31.27 1.35 0.00	25.47 0.88 0.00	21.27 0.56 0.00	20.00 0.31 0.00
RAVENSWOOD___4 23820	19.93 0.47 0.00	18.16 0.37 0.00	17.80 0.42 0.00	17.75 0.40 0.00	18.49 0.36 0.00	21.82 0.30 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.92 0.00	18.78 0.94 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.92 1.80 0.00	31.33 1.41 0.00	25.47 0.88 0.00	21.29 0.58 0.00	20.06 0.37 0.00
RCPL_TRUST___DRP 24196	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.54 1.27 0.00	34.02 1.90 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
RED___ROCHESTER 323720	18.77 -0.70 0.00	17.19 -0.60 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.92 -0.60 0.00	26.11 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.82 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.85 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.91 -1.36 0.00	31.16 -0.96 0.00	28.43 -1.50 0.00	23.55 -1.03 0.00	20.07 -0.64 0.00	19.47 -0.22 0.00
REGAN___SOLAR 323812	20.83 1.36 0.00	18.98 1.19 0.00	18.50 1.11 0.00	18.50 1.15 0.00	19.34 1.21 0.00	23.26 1.74 0.00	30.15 2.64 0.00	35.73 3.10 0.00	31.33 2.16 0.00	24.46 1.43 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.36 0.96 0.00	18.85 0.88 0.00	18.31 0.86 0.00	18.83 1.00 0.00	20.66 1.21 0.00	24.48 1.75 0.00	30.78 2.51 0.00	35.27 3.15 0.00	32.74 2.81 0.00	26.60 2.02 0.00	22.18 1.47 0.00	20.91 1.22 0.00
RENSSELAER___COGEN 23796	19.85 0.39 0.00	18.18 0.39 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.53 0.40 0.00	22.02 0.50 0.00	28.33 0.82 0.00	33.93 1.31 0.00	30.02 0.85 0.00	23.58 0.55 0.00	20.12 0.47 0.00	19.53 0.48 0.00	18.88 0.48 0.00	18.42 0.45 0.00	17.91 0.45 0.00	15.96 0.38 2.25	19.03 0.41 0.83	23.19 0.45 0.00	28.92 0.65 0.00	32.95 0.83 0.00	30.61 0.69 0.00	25.07 0.49 0.00	20.98 0.27 0.00	19.82 0.14 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.81 1.34 0.00	18.96 1.17 0.00	18.48 1.10 0.00	18.48 1.13 0.00	19.32 1.20 0.00	23.24 1.72 0.00	30.18 2.67 0.00	35.96 3.33 0.00	31.68 2.51 0.00	24.76 1.73 0.00	21.01 1.36 0.00	20.22 1.16 0.00	19.47 1.07 0.00	18.94 0.97 0.00	18.38 0.93 0.00	18.90 1.07 0.00	20.66 1.21 0.00	24.37 1.64 0.00	30.61 2.35 0.00	35.01 2.89 0.00	32.62 2.69 0.00	26.50 1.92 0.00	22.14 1.43 0.00	20.75 1.06 0.00
REVERE_CPPR_DRP 24186	19.99 0.53 0.00	18.29 0.50 0.00	17.86 0.47 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.25 0.73 0.00	28.44 0.94 0.00	33.90 1.27 0.00	30.16 0.99 0.00	23.70 0.67 0.00	20.14 0.49 0.00	19.49 0.44 0.00	18.83 0.42 0.00	18.38 0.41 0.00	17.82 0.37 0.00	18.26 0.43 0.00	19.98 0.53 0.00	23.41 0.68 0.00	29.26 0.99 0.00	33.60 1.48 0.00	31.12 1.20 0.00	25.57 0.98 0.00	21.50 0.79 0.00	20.45 0.77 0.00
REYNOLDS_115KV_TB3 80639	19.86 0.39 0.00	18.15 0.36 0.00	17.72 0.33 0.00	17.72 0.36 0.00	18.49 0.36 0.00	21.97 0.45 0.00	28.28 0.77 0.00	33.90 1.27 0.00	29.96 0.79 0.00	23.54 0.51 0.00	20.08 0.43 0.00	19.51 0.46 0.00	18.86 0.46 0.00	18.40 0.43 0.00	17.89 0.44 0.00	18.24 0.41 0.00	19.92 0.47 0.00	23.23 0.50 0.00	28.95 0.68 0.00	33.08 0.96 0.00	30.67 0.75 0.00	25.12 0.54 0.00	21.11 0.39 0.00	19.82 0.14 0.00
RIVERBAY____ 323610	20.24 0.78 0.00	18.34 0.55 0.00	17.98 0.59 0.00	17.91 0.56 0.00	18.65 0.53 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.23 1.60 0.00	30.34 1.17 0.00	24.02 0.99 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.14 0.74 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.80 0.96 0.00	20.31 0.86 0.00	23.85 1.11 0.00	29.57 1.30 0.00	34.02 1.90 0.00	31.30 1.38 0.00	25.49 0.91 0.00	21.42 0.70 0.00	20.20 0.51 0.00
RIVERSDE_115KV_TB3 55908	19.91 0.45 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.77 0.42 0.00	18.54 0.42 0.00	22.04 0.52 0.00	28.36 0.85 0.00	34.00 1.37 0.00	30.07 0.90 0.00	23.61 0.58 0.00	20.16 0.51 0.00	19.57 0.51 0.00	18.90 0.50 0.00	18.44 0.47 0.00	17.95 0.49 0.00	18.28 0.45 0.00	19.94 0.49 0.00	23.28 0.55 0.00	29.03 0.76 0.00	33.15 1.03 0.00	30.73 0.81 0.00	25.17 0.59 0.00	21.15 0.43 0.00	19.88 0.20 0.00
ROARING___BROOK_WT_PWR 323790	19.43 -0.04 0.00	17.74 -0.05 0.00	17.32 -0.07 0.00	17.25 -0.10 0.00	17.98 -0.15 0.00	21.26 -0.26 0.00	27.15 -0.36 0.00	32.04 -0.59 0.00	28.73 -0.44 0.00	22.76 -0.28 0.00	19.47 -0.18 0.00	18.90 -0.15 0.00	18.26 -0.15 0.00	17.81 -0.16 0.00	17.28 -0.17 0.00	17.65 -0.18 0.00	19.29 -0.16 0.00	22.57 -0.16 0.00	28.04 -0.23 0.00	31.67 -0.45 0.00	29.60 -0.33 0.00	24.34 -0.25 0.00	20.48 -0.23 0.00	19.47 -0.22 0.00
ROCHESRG_115KV_T4 355643	18.36 -1.11 0.00	16.97 -0.82 0.00	16.61 -0.78 0.00	16.61 -0.75 0.00	17.37 -0.76 0.00	20.64 -0.88 0.00	25.83 -1.68 0.00	30.34 -2.28 0.00	27.45 -1.72 0.00	21.93 -1.11 0.00	18.65 -1.00 0.00	18.08 -0.97 0.00	17.41 -0.99 0.00	16.98 -0.99 0.00	16.44 -1.01 0.00	16.82 -1.02 0.00	18.52 -0.93 0.00	21.62 -1.11 0.00	26.60 -1.67 0.00	30.35 -1.77 0.00	28.10 -1.83 0.00	23.26 -1.33 0.00	19.78 -0.93 0.00	19.29 -0.39 0.00
ROCHESTER_9_IC 23652	18.43 -1.03 0.00	17.06 -0.73 0.00	16.69 -0.70 0.00	16.68 -0.68 0.00	17.46 -0.67 0.00	20.75 -0.77 0.00	25.99 -1.51 0.00	30.57 -2.06 0.00	27.65 -1.52 0.00	22.07 -0.97 0.00	18.75 -0.90 0.00	18.20 -0.86 0.00	17.50 -0.90 0.00	17.07 -0.90 0.00	16.53 -0.93 0.00	16.92 -0.91 0.00	18.61 -0.84 0.00	21.75 -0.98 0.00	26.77 -1.50 0.00	30.58 -1.54 0.00	28.28 -1.65 0.00	23.40 -1.18 0.00	19.90 -0.81 0.00	19.39 -0.30 0.00
ROCKVIEW_13_KV_LD 356306	20.01 0.55 0.00	18.16 0.37 0.00	17.79 0.40 0.00	17.73 0.38 0.00	18.51 0.38 0.00	21.97 0.45 0.00	28.36 0.85 0.00	34.32 1.70 0.00	30.34 1.17 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.78 0.81 0.00	18.31 0.86 0.00	18.72 0.89 0.00	20.33 0.88 0.00	23.82 1.09 0.00	29.60 1.33 0.00	34.05 1.93 0.00	31.33 1.41 0.00	25.57 0.98 0.00	21.42 0.70 0.00	20.06 0.37 0.00

ROME____115KV_TB2 80656	19.99 0.53 0.00	18.29 0.50 0.00	17.86 0.47 0.00	17.84 0.49 0.00	18.65 0.53 0.00	22.25 0.73 0.00	28.44 0.94 0.00	33.90 1.27 0.00	30.16 0.99 0.00	23.70 0.67 0.00	20.14 0.49 0.00	19.49 0.44 0.00	18.83 0.42 0.00	18.38 0.41 0.00	17.82 0.37 0.00	18.26 0.43 0.00	19.98 0.53 0.00	23.41 0.68 0.00	29.26 0.99 0.00	33.60 1.48 0.00	31.12 1.20 0.00	25.57 0.98 0.00	21.50 0.79 0.00	20.45 0.77 0.00
ROSETON____1 23587	19.74 0.27 0.00	18.02 0.23 0.00	17.65 0.26 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.11 0.60 0.00	33.90 1.27 0.00	29.96 0.79 0.00	23.65 0.62 0.00	20.16 0.51 0.00	19.55 0.49 0.00	18.90 0.50 0.00	18.49 0.52 0.00	18.03 0.58 0.00	18.44 0.61 0.00	20.05 0.60 0.00	23.46 0.73 0.00	29.17 0.90 0.00	33.41 1.29 0.00	30.91 0.99 0.00	25.22 0.64 0.00	21.08 0.37 0.00	19.86 0.18 0.00
ROSETON____2 23588	19.74 0.27 0.00	18.02 0.23 0.00	17.65 0.26 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.78 0.26 0.00	28.11 0.60 0.00	33.90 1.27 0.00	29.96 0.79 0.00	23.65 0.62 0.00	20.16 0.51 0.00	19.55 0.49 0.00	18.90 0.50 0.00	18.49 0.52 0.00	18.03 0.58 0.00	18.44 0.61 0.00	20.05 0.60 0.00	23.46 0.73 0.00	29.17 0.90 0.00	33.41 1.29 0.00	30.91 0.99 0.00	25.22 0.64 0.00	21.08 0.37 0.00	19.86 0.18 0.00
ROTTRDAM_115KV_TB3 80664	19.80 0.33 0.00	18.08 0.28 0.00	17.65 0.26 0.00	17.63 0.28 0.00	18.42 0.29 0.00	21.91 0.39 0.00	28.17 0.66 0.00	33.64 1.01 0.00	29.81 0.64 0.00	23.47 0.44 0.00	20.01 0.35 0.00	19.40 0.34 0.00	18.74 0.33 0.00	18.29 0.32 0.00	17.79 0.33 0.00	18.19 0.36 0.00	19.84 0.39 0.00	23.21 0.48 0.00	28.92 0.65 0.00	33.05 0.93 0.00	30.64 0.72 0.00	25.10 0.52 0.00	21.08 0.37 0.00	19.90 0.22 0.00
RUSSELL____1 23602	18.49 -0.97 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.83 -0.69 0.00	26.10 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.83 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.86 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.88 -1.39 0.00	30.74 -1.38 0.00	28.43 -1.50 0.00	23.53 -1.06 0.00	19.99 -0.72 0.00	19.47 -0.22 0.00
RUSSELL____2 23532	18.49 -0.97 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.83 -0.69 0.00	26.10 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.83 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.86 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.88 -1.39 0.00	30.74 -1.38 0.00	28.43 -1.50 0.00	23.53 -1.06 0.00	19.99 -0.72 0.00	19.47 -0.22 0.00
RUSSELL____3 23549	18.49 -0.97 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.83 -0.69 0.00	26.10 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.83 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.86 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.88 -1.39 0.00	30.74 -1.38 0.00	28.43 -1.50 0.00	23.53 -1.06 0.00	19.99 -0.72 0.00	19.47 -0.22 0.00
RUSSELL____4 23556	18.49 -0.97 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.83 -0.69 0.00	26.10 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.83 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.86 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.88 -1.39 0.00	30.74 -1.38 0.00	28.43 -1.50 0.00	23.53 -1.06 0.00	19.99 -0.72 0.00	19.47 -0.22 0.00
RUSSELL____STATION 23914	18.49 -0.97 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.83 -0.69 0.00	26.10 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.83 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.86 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.88 -1.39 0.00	30.74 -1.38 0.00	28.43 -1.50 0.00	23.53 -1.06 0.00	19.99 -0.72 0.00	19.47 -0.22 0.00
S SALMON____HYD 24043	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.77 -0.36 0.00	21.16 -0.37 0.00	26.85 -0.66 0.00	31.91 -0.72 0.00	28.41 -0.76 0.00	22.41 -0.62 0.00	19.06 -0.59 0.00	18.46 -0.59 0.00	17.81 -0.59 0.00	17.38 -0.59 0.00	16.86 -0.59 0.00	17.23 -0.61 0.00	18.85 -0.60 0.00	22.10 -0.64 0.00	27.53 -0.74 0.00	31.67 -0.45 0.00	29.27 -0.66 0.00	24.09 -0.49 0.00	20.40 -0.31 0.00	19.47 -0.22 0.00
S.PERRY__115KV_TB1 80734	19.39 -0.08 0.00	17.88 0.09 0.00	17.49 0.10 0.00	17.44 0.09 0.00	18.27 0.15 0.00	21.11 -0.41 0.00	26.65 -0.85 0.00	31.55 -1.08 0.00	28.24 -0.93 0.00	22.46 -0.58 0.00	19.02 -0.63 0.00	18.96 -0.10 0.00	18.17 -0.24 0.00	17.65 -0.32 0.00	17.13 -0.33 0.00	17.53 -0.30 0.00	19.26 -0.19 0.00	22.00 -0.73 0.00	27.33 -0.93 0.00	31.51 -0.61 0.00	29.12 -0.81 0.00	24.07 -0.52 0.00	20.34 -0.37 0.00	19.67 -0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.71 -1.75 0.00	16.51 -1.28 0.00	16.15 -1.23 0.00	16.21 -1.15 0.00	16.97 -1.16 0.00	20.14 -1.38 0.00	24.89 -2.61 0.00	28.71 -3.92 0.00	26.22 -2.95 0.00	21.14 -1.89 0.00	18.08 -1.57 0.00	17.51 -1.54 0.00	16.84 -1.56 0.00	16.41 -1.56 0.00	15.87 -1.59 0.00	16.25 -1.59 0.00	18.01 -1.44 0.00	21.00 -1.73 0.00	25.61 -2.66 0.00	29.26 -2.86 0.00	27.05 -2.87 0.00	22.52 -2.06 0.00	19.26 -1.45 0.00	19.10 -0.59 0.00
SAWYER__23_KV_LOAD 55526	17.71 -1.75 0.00	16.51 -1.28 0.00	16.15 -1.23 0.00	16.21 -1.15 0.00	16.97 -1.16 0.00	20.14 -1.38 0.00	24.89 -2.61 0.00	28.71 -3.92 0.00	26.22 -2.95 0.00	21.14 -1.89 0.00	18.08 -1.57 0.00	17.51 -1.54 0.00	16.84 -1.56 0.00	16.41 -1.56 0.00	15.87 -1.59 0.00	16.25 -1.59 0.00	18.01 -1.44 0.00	21.00 -1.73 0.00	25.61 -2.66 0.00	29.26 -2.86 0.00	27.05 -2.87 0.00	22.52 -2.06 0.00	19.26 -1.45 0.00	19.10 -0.59 0.00
SELKIRK____I 23801	19.95 0.49 0.00	18.24 0.44 0.00	17.82 0.43 0.00	17.80 0.45 0.00	18.60 0.47 0.00	22.08 0.56 0.00	28.39 0.88 0.00	33.93 1.31 0.00	30.04 0.87 0.00	23.61 0.58 0.00	20.12 0.47 0.00	19.51 0.46 0.00	18.85 0.44 0.00	18.38 0.41 0.00	17.88 0.42 0.00	-13.06 -0.04 30.86	8.09 -0.04 11.32	22.67 -0.05 0.01	28.28 0.03 0.01	32.25 0.13 0.00	29.99 0.06 0.00	24.56 -0.02 0.00	20.59 -0.12 0.00	19.49 -0.20 0.00
SELKIRK____II 23799	19.78 0.31 0.00	18.09 0.30 0.00	17.68 0.30 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.91 0.39 0.00	28.17 0.66 0.00	33.70 1.08 0.00	29.84 0.67 0.00	23.47 0.44 0.00	20.02 0.37 0.00	19.44 0.38 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.82 0.37 0.00	-78.99 0.11 96.93	-15.98 0.12 35.55	22.81 0.11 0.04	28.45 0.23 0.04	32.47 0.35 0.00	30.16 0.24 0.00	24.71 0.12 0.00	20.73 0.02 0.00	19.63 -0.06 0.00

SENECA OSWGO___HYD 24041	19.17 -0.29 0.00	17.52 -0.27 0.00	17.13 -0.26 0.00	17.09 -0.26 0.00	17.87 -0.25 0.00	21.24 -0.28 0.00	26.90 -0.61 0.00	31.98 -0.65 0.00	28.50 -0.67 0.00	22.53 -0.51 0.00	19.24 -0.41 0.00	18.64 -0.42 0.00	17.98 -0.42 0.00	17.54 -0.43 0.00	17.00 -0.45 0.00	17.39 -0.45 0.00	18.97 -0.49 0.00	22.14 -0.59 0.00	27.51 -0.76 0.00	31.54 -0.58 0.00	29.15 -0.78 0.00	23.99 -0.59 0.00	20.40 -0.31 0.00	19.51 -0.18 0.00
SENECA___115KV_TB3 355854	17.93 -1.54 0.00	16.69 -1.10 0.00	16.34 -1.04 0.00	16.40 -0.95 0.00	17.19 -0.94 0.00	20.42 -1.10 0.00	25.25 -2.26 0.00	29.17 -3.46 0.00	26.63 -2.54 0.00	21.44 -1.59 0.00	18.35 -1.30 0.00	17.78 -1.28 0.00	17.08 -1.33 0.00	16.64 -1.33 0.00	16.10 -1.36 0.00	16.48 -1.36 0.00	18.26 -1.19 0.00	21.30 -1.43 0.00	26.06 -2.20 0.00	29.81 -2.31 0.00	27.53 -2.39 0.00	22.89 -1.70 0.00	19.55 -1.16 0.00	19.37 -0.31 0.00
SENECA___ENERGY 23797	19.54 0.08 0.00	17.88 0.09 0.00	17.46 0.07 0.00	17.42 0.07 0.00	18.27 0.14 0.00	21.76 0.24 0.00	27.62 0.11 0.00	33.25 0.62 0.00	29.93 0.76 0.00	23.38 0.35 0.00	19.89 0.24 0.00	19.23 0.17 0.00	18.53 0.13 0.00	18.04 0.07 0.00	17.47 0.02 0.00	17.89 0.05 0.00	19.49 0.04 0.00	22.82 0.09 0.00	28.35 0.09 0.00	32.67 0.55 0.00	30.11 0.18 0.00	24.73 0.15 0.00	20.94 0.23 0.00	20.10 0.41 0.00
SHOEMAKER___GT 23640	19.72 0.25 0.00	18.01 0.21 0.00	17.61 0.23 0.00	17.58 0.23 0.00	18.35 0.22 0.00	21.76 0.24 0.00	28.03 0.52 0.00	33.74 1.11 0.00	29.84 0.67 0.00	23.54 0.51 0.00	20.06 0.41 0.00	19.44 0.38 0.00	18.79 0.39 0.00	18.36 0.39 0.00	17.91 0.45 0.00	18.33 0.50 0.00	19.94 0.49 0.00	23.35 0.61 0.00	29.00 0.73 0.00	33.27 1.15 0.00	30.76 0.84 0.00	25.12 0.54 0.00	21.02 0.31 0.00	19.86 0.18 0.00
SHOEMAKR_138KV_BK 111 55601	19.78 0.31 0.00	18.00 0.21 0.00	17.61 0.23 0.00	17.56 0.21 0.00	18.35 0.22 0.00	21.78 0.26 0.00	28.00 0.50 0.00	33.74 1.11 0.00	29.84 0.67 0.00	23.56 0.53 0.00	20.06 0.41 0.00	19.44 0.38 0.00	18.79 0.39 0.00	18.38 0.41 0.00	17.91 0.45 0.00	18.35 0.52 0.00	19.94 0.49 0.00	23.35 0.61 0.00	29.00 0.73 0.00	33.34 1.22 0.00	30.73 0.81 0.00	25.17 0.59 0.00	21.08 0.37 0.00	19.84 0.16 0.00
SHOREHAM_IC_1 23715	19.99 0.53 0.00	18.25 0.46 0.00	17.89 0.50 0.00	17.72 0.36 0.00	18.63 0.51 0.00	22.06 0.54 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.62 1.17 0.00	23.96 1.23 0.00	29.68 1.41 0.00	34.18 2.06 0.00	31.87 1.94 0.00	27.21 1.45 -1.18	23.64 0.97 -1.96	20.20 0.51 0.00
SHOREHAM_IC_2 23716	19.99 0.53 0.00	18.25 0.46 0.00	17.89 0.50 0.00	17.72 0.36 0.00	18.63 0.51 0.00	22.06 0.54 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.69 1.04 0.00	19.97 0.91 0.00	19.16 0.75 0.00	18.67 0.70 0.00	18.28 0.82 0.00	18.78 0.94 0.00	20.62 1.17 0.00	23.96 1.23 0.00	29.68 1.41 0.00	34.18 2.06 0.00	31.87 1.94 0.00	27.21 1.45 -1.18	23.64 0.97 -1.96	20.20 0.51 0.00
SISSONVILLE___ 23735	18.94 -0.53 0.00	17.26 -0.53 0.00	16.85 -0.54 0.00	16.78 -0.57 0.00	17.53 -0.60 0.00	20.83 -0.69 0.00	26.71 -0.80 0.00	31.39 -1.24 0.00	28.29 -0.88 0.00	22.34 -0.69 0.00	19.04 -0.61 0.00	18.41 -0.65 0.00	17.78 -0.63 0.00	17.36 -0.61 0.00	16.85 -0.61 0.00	17.21 -0.62 0.00	18.83 -0.62 0.00	22.10 -0.64 0.00	27.56 -0.71 0.00	31.03 -1.09 0.00	29.21 -0.72 0.00	24.09 -0.49 0.00	20.21 -0.50 0.00	19.13 -0.55 0.00
SITHE_IND_GS1 24169	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.62 -1.01 0.00	28.24 -0.93 0.00	22.34 -0.69 0.00	19.08 -0.57 0.00	18.50 -0.55 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.83 -0.62 0.00	21.96 -0.77 0.00	27.28 -0.99 0.00	31.19 -0.93 0.00	28.85 -1.08 0.00	23.79 -0.79 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
SITHE_IND_GS2 24170	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.62 -1.01 0.00	28.24 -0.93 0.00	22.34 -0.69 0.00	19.08 -0.57 0.00	18.50 -0.55 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.83 -0.62 0.00	21.96 -0.77 0.00	27.28 -0.99 0.00	31.19 -0.93 0.00	28.85 -1.08 0.00	23.79 -0.79 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
SITHE_IND_GS3 24171	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.62 -1.01 0.00	28.24 -0.93 0.00	22.34 -0.69 0.00	19.08 -0.57 0.00	18.50 -0.55 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.83 -0.62 0.00	21.96 -0.77 0.00	27.28 -0.99 0.00	31.19 -0.93 0.00	28.85 -1.08 0.00	23.79 -0.79 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
SITHE_IND_GS4 24172	19.04 -0.43 0.00	17.40 -0.39 0.00	17.00 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.07 -0.45 0.00	26.68 -0.82 0.00	31.62 -1.01 0.00	28.24 -0.93 0.00	22.34 -0.69 0.00	19.08 -0.57 0.00	18.50 -0.55 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.83 -0.62 0.00	21.96 -0.77 0.00	27.28 -0.99 0.00	31.19 -0.93 0.00	28.85 -1.08 0.00	23.79 -0.79 0.00	20.26 -0.46 0.00	19.39 -0.29 0.00
SITHE___BATAVIA 24024	18.47 -0.99 0.00	16.94 -0.85 0.00	16.50 -0.89 0.00	16.52 -0.83 0.00	17.29 -0.83 0.00	20.77 -0.75 0.00	25.58 -1.93 0.00	30.05 -2.58 0.00	27.33 -1.84 0.00	21.90 -1.13 0.00	18.59 -1.06 0.00	17.87 -1.18 0.00	17.17 -1.23 0.00	16.75 -1.22 0.00	16.20 -1.26 0.00	16.58 -1.25 0.00	18.36 -1.09 0.00	21.50 -1.23 0.00	26.37 -1.89 0.00	30.77 -1.35 0.00	27.89 -2.04 0.00	23.16 -1.43 0.00	19.78 -0.93 0.00	19.41 -0.28 0.00
SITHE___INDEPEND 23800	18.98 -0.49 0.00	17.40 -0.39 0.00	17.01 -0.38 0.00	16.97 -0.38 0.00	17.75 -0.38 0.00	21.05 -0.47 0.00	26.68 -0.83 0.00	31.62 -1.01 0.00	28.24 -0.93 0.00	22.34 -0.69 0.00	19.08 -0.57 0.00	18.52 -0.53 0.00	17.87 -0.53 0.00	17.45 -0.52 0.00	16.92 -0.54 0.00	17.28 -0.55 0.00	18.83 -0.62 0.00	21.96 -0.77 0.00	27.28 -0.99 0.00	31.09 -1.03 0.00	28.85 -1.08 0.00	23.75 -0.84 0.00	20.15 -0.56 0.00	19.39 -0.30 0.00
SITHE___MASSENA 23902	19.52 0.06 0.00	17.83 0.04 0.00	17.42 0.03 0.00	17.35 0.00 0.00	18.13 0.00 0.00	21.48 -0.04 0.00	27.51 0.00 0.00	32.27 -0.36 0.00	29.14 -0.03 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.93 -0.04 0.00	17.40 -0.05 0.00	17.78 -0.05 0.00	19.45 0.00 0.00	22.78 0.05 0.00	28.32 0.06 0.00	31.80 -0.32 0.00	29.99 0.06 0.00	24.71 0.12 0.00	20.77 0.06 0.00	19.73 0.04 0.00

SITHE___OGDNSBRG 24021	19.50 0.04 0.00	17.81 0.02 0.00	17.39 0.00 0.00	17.32 -0.03 0.00	18.09 -0.04 0.00	21.50 -0.02 0.00	27.56 0.06 0.00	32.33 -0.29 0.00	29.17 0.00 0.00	23.03 0.00 0.00	19.63 -0.02 0.00	18.98 -0.08 0.00	18.33 -0.07 0.00	17.88 -0.09 0.00	17.35 -0.10 0.00	17.73 -0.11 0.00	19.39 -0.06 0.00	22.73 0.00 0.00	28.41 0.14 0.00	31.96 -0.16 0.00	30.14 0.21 0.00	24.80 0.22 0.00	20.82 0.10 0.00	19.71 0.02 0.00
SITHE___STERLING 23777	19.91 0.45 0.00	18.20 0.41 0.00	17.77 0.38 0.00	17.75 0.40 0.00	18.56 0.43 0.00	22.12 0.60 0.00	28.22 0.71 0.00	33.67 1.04 0.00	29.96 0.79 0.00	23.56 0.53 0.00	20.06 0.41 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.31 0.34 0.00	17.75 0.30 0.00	18.19 0.36 0.00	19.86 0.41 0.00	23.25 0.52 0.00	29.00 0.73 0.00	33.31 1.19 0.00	30.79 0.87 0.00	25.30 0.71 0.00	21.33 0.62 0.00	20.30 0.61 0.00
SLEIGHT__34_KV_TB1 80719	18.65 -0.82 0.00	17.17 -0.62 0.00	16.80 -0.59 0.00	16.78 -0.57 0.00	17.55 -0.58 0.00	20.88 -0.65 0.00	26.35 -1.16 0.00	31.32 -1.31 0.00	28.21 -0.96 0.00	22.34 -0.69 0.00	19.00 -0.65 0.00	18.41 -0.65 0.00	17.74 -0.66 0.00	17.29 -0.68 0.00	16.74 -0.72 0.00	17.12 -0.71 0.00	18.77 -0.68 0.00	21.96 -0.77 0.00	27.11 -1.16 0.00	31.00 -1.12 0.00	28.70 -1.23 0.00	23.65 -0.93 0.00	20.05 -0.66 0.00	19.41 -0.28 0.00
SOUTH CAIRO___GT 23612	20.54 1.07 0.00	18.72 0.92 0.00	18.29 0.90 0.00	18.27 0.92 0.00	19.07 0.94 0.00	22.68 1.16 0.00	29.24 1.73 0.00	35.01 2.38 0.00	30.83 1.66 0.00	23.98 0.94 0.00	20.34 0.69 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.03 0.58 0.00	-28.97 0.57 47.37	2.74 0.66 17.37	23.46 0.75 0.02	29.24 0.99 0.02	33.47 1.35 0.00	31.15 1.23 0.00	25.49 0.91 0.00	21.27 0.56 0.00	20.20 0.51 0.00
SOUTH HAMPTN___IC 23720	20.25 0.78 0.00	18.48 0.69 0.00	18.12 0.73 0.00	17.96 0.61 0.00	18.87 0.74 0.00	22.36 0.84 0.00	30.65 2.04 -1.10	35.30 2.68 0.00	31.09 1.92 0.00	24.64 1.61 0.00	20.97 1.32 0.00	20.20 1.14 0.00	19.36 0.96 0.00	18.87 0.90 0.00	18.45 0.99 0.00	18.98 1.14 0.00	20.85 1.40 0.00	24.28 1.55 0.00	30.08 1.81 0.00	34.69 2.57 0.00	32.29 2.36 0.00	27.55 1.79 -1.18	23.95 1.28 -1.96	20.49 0.81 0.00
SOUTHDOW__115KV_TB1 355954	18.30 -1.17 0.00	16.95 -0.84 0.00	16.59 -0.80 0.00	16.71 -0.64 0.00	17.49 -0.63 0.00	20.85 -0.67 0.00	26.10 -1.40 0.00	30.21 -2.41 0.00	27.54 -1.63 0.00	22.11 -0.92 0.00	18.94 -0.71 0.00	18.35 -0.71 0.00	17.63 -0.77 0.00	17.20 -0.77 0.00	16.62 -0.84 0.00	16.99 -0.84 0.00	18.89 -0.56 0.00	22.03 -0.70 0.00	27.08 -1.19 0.00	31.22 -0.90 0.00	28.76 -1.17 0.00	23.82 -0.76 0.00	20.32 -0.39 0.00	20.04 0.35 0.00
SOUTHOLD_69_KV_BK 2 55809	20.69 1.23 0.00	18.79 1.00 0.00	18.40 1.01 0.00	18.29 0.94 0.00	19.16 1.03 0.00	22.79 1.27 0.00	31.13 2.53 -1.10	35.96 3.33 0.00	31.65 2.48 0.00	25.06 2.03 0.00	21.26 1.61 0.00	20.48 1.43 0.00	19.60 1.20 0.00	19.08 1.11 0.00	18.66 1.20 0.00	19.19 1.36 0.00	21.14 1.69 0.00	24.64 1.91 0.00	30.56 2.29 0.00	35.36 3.24 0.00	32.65 2.72 0.00	28.01 2.26 -1.17	24.40 1.74 -1.95	20.83 1.14 0.00
SOUTHOLD___IC 23719	20.56 1.09 0.00	18.77 0.98 0.00	18.40 1.01 0.00	18.24 0.88 0.00	19.16 1.03 0.00	22.73 1.20 0.00	31.14 2.53 -1.10	35.96 3.33 0.00	31.65 2.48 0.00	25.06 2.03 0.00	21.26 1.61 0.00	20.49 1.43 0.00	19.60 1.20 0.00	19.08 1.11 0.00	18.66 1.20 0.00	19.19 1.35 0.00	21.14 1.69 0.00	24.64 1.91 0.00	30.56 2.29 0.00	35.30 3.18 0.00	32.83 2.90 0.00	28.02 2.26 -1.18	24.33 1.66 -1.96	20.83 1.14 0.00
SOUTH_FORK_WT_PWR 323839	20.59 1.13 0.00	18.80 1.01 0.00	18.43 1.04 0.00	18.27 0.92 0.00	19.22 1.09 0.00	22.77 1.25 0.00	31.20 2.58 -1.10	36.02 3.39 0.00	31.71 2.54 0.00	25.11 2.07 0.00	21.32 1.67 0.00	20.50 1.45 0.00	19.64 1.23 0.00	19.10 1.13 0.00	18.68 1.22 0.00	19.21 1.37 0.00	21.16 1.71 0.00	24.66 1.93 0.00	30.61 2.34 0.00	35.36 3.24 0.00	32.86 2.93 0.00	28.05 2.29 -1.18	24.37 1.70 -1.96	20.87 1.18 0.00
SPIERFLS_115KV_TB 1 80737	20.09 0.62 0.00	18.32 0.53 0.00	17.87 0.49 0.00	17.87 0.52 0.00	18.67 0.54 0.00	22.32 0.80 0.00	28.83 1.32 0.00	34.46 1.83 0.00	30.42 1.25 0.00	23.86 0.83 0.00	20.30 0.65 0.00	19.63 0.57 0.00	18.94 0.53 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.39 0.55 0.00	20.07 0.62 0.00	23.57 0.84 0.00	29.48 1.22 0.00	33.73 1.61 0.00	31.30 1.38 0.00	25.54 0.96 0.00	21.39 0.68 0.00	20.10 0.41 0.00
ST LAWRENCE____ 23600	19.39 -0.08 0.00	17.70 -0.09 0.00	17.30 -0.09 0.00	17.25 -0.10 0.00	18.00 -0.13 0.00	21.35 -0.17 0.00	27.32 -0.19 0.00	32.07 -0.55 0.00	28.94 -0.23 0.00	22.87 -0.16 0.00	19.53 -0.12 0.00	18.92 -0.13 0.00	18.28 -0.13 0.00	17.84 -0.12 0.00	17.32 -0.14 0.00	17.69 -0.14 0.00	19.34 -0.12 0.00	22.62 -0.11 0.00	28.13 -0.14 0.00	31.57 -0.55 0.00	29.75 -0.18 0.00	24.51 -0.07 0.00	20.61 -0.10 0.00	19.57 -0.12 0.00
STATE_CA_115KV_115_LB 55624	20.03 0.56 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.86 0.50 0.00	18.64 0.51 0.00	22.17 0.65 0.00	28.55 1.05 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.77 0.74 0.00	20.28 0.63 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.54 0.58 0.00	18.03 0.58 0.00	18.35 0.52 0.00	20.03 0.58 0.00	23.39 0.66 0.00	29.17 0.90 0.00	33.31 1.19 0.00	30.88 0.96 0.00	25.30 0.71 0.00	21.25 0.54 0.00	19.98 0.30 0.00
STATE_ST_34_KV_LOAD 55959	19.37 -0.10 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.57 0.04 0.00	27.40 -0.11 0.00	33.02 0.39 0.00	29.72 0.55 0.00	23.19 0.16 0.00	19.75 0.10 0.00	19.13 0.08 0.00	18.44 0.04 0.00	17.97 0.00 0.00	17.42 -0.03 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	28.21 -0.06 0.00	32.31 0.19 0.00	29.96 0.03 0.00	24.61 0.02 0.00	20.82 0.10 0.00	20.00 0.31 0.00
STATION 5_MISC_HYD 23604	18.69 -0.78 0.00	17.11 -0.68 0.00	16.69 -0.70 0.00	16.68 -0.68 0.00	17.46 -0.67 0.00	20.85 -0.67 0.00	25.99 -1.51 0.00	30.57 -2.05 0.00	27.65 -1.52 0.00	22.07 -0.97 0.00	18.75 -0.90 0.00	18.20 -0.86 0.00	17.50 -0.90 0.00	17.07 -0.90 0.00	16.53 -0.93 0.00	16.92 -0.91 0.00	18.62 -0.84 0.00	21.75 -0.98 0.00	26.77 -1.50 0.00	31.00 -1.13 0.00	28.28 -1.65 0.00	23.45 -1.13 0.00	19.99 -0.73 0.00	19.39 -0.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.54 0.08 0.00	17.99 0.20 0.00	17.60 0.21 0.00	17.56 0.21 0.00	18.40 0.27 0.00	21.93 0.41 0.00	27.81 0.30 0.00	32.66 0.03 0.00	29.46 0.29 0.00	23.29 0.25 0.00	19.69 0.04 0.00	19.07 0.02 0.00	18.37 -0.04 0.00	17.90 -0.07 0.00	17.33 -0.12 0.00	17.74 -0.09 0.00	19.47 0.02 0.00	23.07 0.34 0.00	28.61 0.34 0.00	32.73 0.61 0.00	30.31 0.39 0.00	24.93 0.34 0.00	21.08 0.37 0.00	20.32 0.63 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	18.38 -1.09 0.00	16.99 -0.80 0.00	16.62 -0.77 0.00	16.61 -0.75 0.00	17.38 -0.74 0.00	20.66 -0.86 0.00	25.91 -1.60 0.00	30.54 -2.09 0.00	27.59 -1.58 0.00	22.02 -1.01 0.00	18.71 -0.94 0.00	18.14 -0.91 0.00	17.47 -0.94 0.00	17.03 -0.93 0.00	16.51 -0.94 0.00	16.89 -0.95 0.00	18.56 -0.89 0.00	21.71 -1.02 0.00	26.71 -1.55 0.00	30.51 -1.61 0.00	28.25 -1.68 0.00	23.35 -1.23 0.00	19.84 -0.87 0.00	19.29 -0.39 0.00
STA_56___34_KV_BUS2 355983	18.38 -1.09 0.00	16.99 -0.80 0.00	16.62 -0.77 0.00	16.61 -0.75 0.00	17.38 -0.74 0.00	20.66 -0.86 0.00	25.91 -1.60 0.00	30.54 -2.09 0.00	27.59 -1.58 0.00	22.02 -1.01 0.00	18.71 -0.94 0.00	18.14 -0.91 0.00	17.47 -0.94 0.00	17.03 -0.93 0.00	16.51 -0.94 0.00	16.89 -0.95 0.00	18.56 -0.89 0.00	21.71 -1.02 0.00	26.71 -1.55 0.00	30.51 -1.61 0.00	28.25 -1.68 0.00	23.35 -1.23 0.00	19.84 -0.87 0.00	19.29 -0.39 0.00
STA_67___115KV_BK2 355882	18.41 -1.05 0.00	17.03 -0.77 0.00	16.66 -0.73 0.00	16.66 -0.69 0.00	17.42 -0.71 0.00	20.70 -0.82 0.00	25.94 -1.57 0.00	30.47 -2.15 0.00	27.57 -1.60 0.00	22.02 -1.01 0.00	18.71 -0.94 0.00	18.16 -0.90 0.00	17.47 -0.94 0.00	17.03 -0.93 0.00	16.51 -0.94 0.00	16.89 -0.95 0.00	18.58 -0.88 0.00	21.71 -1.02 0.00	26.68 -1.58 0.00	30.48 -1.64 0.00	28.22 -1.71 0.00	23.35 -1.23 0.00	19.86 -0.85 0.00	19.35 -0.33 0.00
STA_7___115KV_9TRANS 80674	18.49 -0.97 0.00	17.11 -0.68 0.00	16.76 -0.63 0.00	16.75 -0.61 0.00	17.51 -0.62 0.00	20.83 -0.69 0.00	26.10 -1.40 0.00	30.70 -1.93 0.00	27.77 -1.40 0.00	22.18 -0.85 0.00	18.83 -0.83 0.00	18.26 -0.80 0.00	17.58 -0.83 0.00	17.14 -0.83 0.00	16.60 -0.86 0.00	16.98 -0.86 0.00	18.69 -0.76 0.00	21.87 -0.86 0.00	26.88 -1.39 0.00	30.74 -1.38 0.00	28.43 -1.50 0.00	23.53 -1.06 0.00	19.99 -0.72 0.00	19.47 -0.22 0.00
STA_82___115KV_TB1 80780	18.41 -1.05 0.00	17.04 -0.75 0.00	16.67 -0.71 0.00	16.66 -0.69 0.00	17.44 -0.69 0.00	20.73 -0.80 0.00	25.94 -1.57 0.00	30.51 -2.12 0.00	27.59 -1.58 0.00	22.04 -0.99 0.00	18.73 -0.92 0.00	18.16 -0.90 0.00	17.48 -0.92 0.00	17.05 -0.92 0.00	16.51 -0.94 0.00	16.89 -0.95 0.00	18.58 -0.88 0.00	21.73 -1.00 0.00	26.71 -1.55 0.00	30.51 -1.61 0.00	28.25 -1.68 0.00	23.38 -1.20 0.00	19.88 -0.83 0.00	19.37 -0.31 0.00
STEEL___WIND 323596	18.32 -1.15 0.00	16.78 -1.01 0.00	16.33 -1.06 0.00	16.38 -0.97 0.00	17.17 -0.96 0.00	20.55 -0.97 0.00	25.25 -2.26 0.00	29.17 -3.46 0.00	26.60 -2.57 0.00	21.42 -1.61 0.00	18.33 -1.32 0.00	17.76 -1.30 0.00	17.06 -1.34 0.00	16.62 -1.35 0.00	16.08 -1.38 0.00	16.46 -1.37 0.00	18.25 -1.21 0.00	21.30 -1.43 0.00	26.06 -2.20 0.00	30.35 -1.77 0.00	27.53 -2.40 0.00	22.89 -1.70 0.00	19.59 -1.12 0.00	19.37 -0.32 0.00
STEPHTWN_115KV_BK_2 55603	20.19 0.72 0.00	18.45 0.66 0.00	18.00 0.61 0.00	17.98 0.62 0.00	18.76 0.63 0.00	22.34 0.82 0.00	28.77 1.27 0.00	34.46 1.83 0.00	30.45 1.28 0.00	23.93 0.90 0.00	20.40 0.75 0.00	19.76 0.71 0.00	19.07 0.66 0.00	18.60 0.63 0.00	18.09 0.63 0.00	16.15 0.57 2.25	19.27 0.64 0.83	23.48 0.75 0.00	29.26 0.99 0.00	33.44 1.32 0.00	31.00 1.08 0.00	25.39 0.81 0.00	21.31 0.60 0.00	20.04 0.35 0.00
STEUBEN_REC_LFGE 323667	19.58 0.12 0.00	17.99 0.20 0.00	17.58 0.19 0.00	17.53 0.17 0.00	18.38 0.25 0.00	21.80 0.28 0.00	27.67 0.17 0.00	32.89 0.26 0.00	29.61 0.44 0.00	23.47 0.44 0.00	19.99 0.33 0.00	19.40 0.34 0.00	18.66 0.26 0.00	18.13 0.16 0.00	17.58 0.12 0.00	17.99 0.16 0.00	19.67 0.21 0.00	23.00 0.27 0.00	28.61 0.34 0.00	32.96 0.84 0.00	30.40 0.48 0.00	25.02 0.44 0.00	21.15 0.43 0.00	20.45 0.77 0.00
STILLWATER___SOLAR 323814	20.01 0.54 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.87 0.52 0.00	18.65 0.53 0.00	22.23 0.71 0.00	28.69 1.18 0.00	34.29 1.66 0.00	30.31 1.14 0.00	23.77 0.74 0.00	20.24 0.59 0.00	19.61 0.55 0.00	18.94 0.53 0.00	18.47 0.50 0.00	17.96 0.51 0.00	18.39 0.55 0.00	20.07 0.62 0.00	23.50 0.77 0.00	29.40 1.13 0.00	33.53 1.41 0.00	31.15 1.23 0.00	25.47 0.88 0.00	21.27 0.56 0.00	20.10 0.41 0.00
STONY___BROOK 24151	20.21 0.74 0.00	18.41 0.62 0.00	18.03 0.64 0.00	17.91 0.56 0.00	18.78 0.65 0.00	22.27 0.75 0.00	30.32 1.71 -1.10	34.98 2.35 0.00	30.74 1.57 0.00	24.39 1.36 0.00	20.75 1.10 0.00	20.05 0.99 0.00	19.25 0.85 0.00	18.76 0.79 0.00	18.36 0.91 0.00	18.85 1.02 0.00	20.68 1.23 0.00	24.21 1.48 0.00	29.91 1.64 0.00	34.46 2.34 0.00	32.02 2.09 0.00	27.43 1.67 -1.18	23.87 1.20 -1.96	20.43 0.75 0.00
STURGEON_POOL_HYD 23609	19.84 0.37 0.00	18.02 0.23 0.00	17.63 0.24 0.00	17.60 0.24 0.00	18.36 0.24 0.00	21.76 0.24 0.00	28.03 0.52 0.00	33.87 1.24 0.00	29.87 0.70 0.00	23.56 0.53 0.00	20.04 0.39 0.00	19.44 0.38 0.00	18.79 0.39 0.00	18.40 0.43 0.00	17.96 0.51 0.00	6.49 0.82 12.17	15.79 0.80 4.46	23.64 0.91 0.00	29.25 0.99 0.00	33.66 1.54 0.00	31.00 1.08 0.00	25.37 0.79 0.00	21.21 0.50 0.00	19.96 0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.82 0.35 0.00	18.02 0.23 0.00	17.63 0.24 0.00	17.60 0.24 0.00	18.36 0.24 0.00	21.80 0.28 0.00	28.09 0.58 0.00	33.87 1.24 0.00	29.93 0.76 0.00	23.65 0.62 0.00	20.14 0.49 0.00	19.51 0.46 0.00	18.86 0.46 0.00	18.45 0.49 0.00	18.00 0.54 0.00	18.44 0.61 0.00	20.03 0.58 0.00	23.44 0.70 0.00	29.12 0.85 0.00	33.50 1.38 0.00	30.88 0.96 0.00	25.25 0.66 0.00	21.15 0.43 0.00	19.86 0.18 0.00
SWANROAD_115KV_TB1 355699	17.31 -2.16 0.00	16.14 -1.65 0.00	15.81 -1.58 0.00	15.84 -1.51 0.00	16.59 -1.54 0.00	19.69 -1.83 0.00	24.26 -3.25 0.00	27.90 -4.73 0.00	25.55 -3.62 0.00	20.61 -2.42 0.00	17.63 -2.02 0.00	17.07 -1.98 0.00	16.40 -2.01 0.00	15.99 -1.98 0.00	15.47 -1.99 0.00	15.84 -2.00 0.00	17.56 -1.89 0.00	20.48 -2.25 0.00	24.93 -3.34 0.00	28.43 -3.69 0.00	26.30 -3.62 0.00	21.93 -2.65 0.00	18.76 -1.95 0.00	18.66 -1.02 0.00
SYNERGY___BIOGAS 323694	18.47 -0.99 0.00	16.94 -0.85 0.00	16.50 -0.89 0.00	16.52 -0.83 0.00	17.29 -0.83 0.00	20.77 -0.75 0.00	25.58 -1.93 0.00	30.05 -2.58 0.00	27.33 -1.84 0.00	21.90 -1.13 0.00	18.59 -1.06 0.00	17.87 -1.18 0.00	17.17 -1.23 0.00	16.75 -1.22 0.00	16.20 -1.26 0.00	16.58 -1.25 0.00	18.36 -1.09 0.00	21.50 -1.23 0.00	26.37 -1.89 0.00	30.77 -1.35 0.00	27.89 -2.04 0.00	23.16 -1.43 0.00	19.78 -0.93 0.00	19.41 -0.28 0.00
SYRACUSE___ENERGY_ST1 323597	19.39 -0.08 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.32 -0.19 0.00	32.82 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.09 -0.03 0.00	29.72 -0.21 0.00	24.44 -0.15 0.00	20.69 -0.02 0.00	19.88 0.20 0.00

SYRACUSE___ENERGY_ST2 323598	19.39 -0.08 0.00	17.76 -0.04 0.00	17.35 -0.03 0.00	17.32 -0.03 0.00	18.13 0.00 0.00	21.52 0.00 0.00	27.32 -0.19 0.00	32.82 0.20 0.00	29.46 0.29 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.37 -0.04 0.00	17.92 -0.05 0.00	17.37 -0.09 0.00	17.74 -0.09 0.00	19.35 -0.10 0.00	22.62 -0.11 0.00	28.07 -0.20 0.00	32.09 -0.03 0.00	29.72 -0.21 0.00	24.44 -0.15 0.00	20.69 -0.02 0.00	19.88 0.20 0.00
SYRACUSE___POWER 24017	19.31 -0.16 0.00	17.68 -0.11 0.00	17.28 -0.10 0.00	17.27 -0.09 0.00	18.06 -0.07 0.00	21.44 -0.09 0.00	27.21 -0.30 0.00	32.50 -0.13 0.00	29.05 -0.12 0.00	22.92 -0.12 0.00	19.55 -0.10 0.00	18.94 -0.11 0.00	18.29 -0.11 0.00	17.84 -0.13 0.00	17.30 -0.16 0.00	17.69 -0.14 0.00	19.28 -0.18 0.00	22.53 -0.20 0.00	27.96 -0.31 0.00	31.99 -0.13 0.00	29.60 -0.33 0.00	24.36 -0.22 0.00	20.61 -0.10 0.00	19.80 0.12 0.00
TALLMAN__138KV_BK151 55660	19.86 0.39 0.00	18.04 0.25 0.00	17.67 0.28 0.00	17.61 0.26 0.00	18.40 0.27 0.00	21.82 0.30 0.00	28.17 0.66 0.00	34.03 1.40 0.00	30.04 0.88 0.00	23.77 0.74 0.00	20.26 0.61 0.00	19.63 0.57 0.00	18.97 0.57 0.00	18.56 0.59 0.00	18.12 0.66 0.00	18.55 0.71 0.00	20.13 0.68 0.00	23.55 0.82 0.00	29.26 0.99 0.00	33.69 1.57 0.00	31.00 1.08 0.00	25.32 0.74 0.00	21.21 0.50 0.00	19.90 0.22 0.00
TEALLAVE_115KV_TB7 355573	19.23 -0.23 0.00	17.63 -0.16 0.00	17.23 -0.16 0.00	17.21 -0.14 0.00	18.00 -0.13 0.00	21.37 -0.15 0.00	27.09 -0.41 0.00	32.30 -0.33 0.00	28.85 -0.32 0.00	22.83 -0.21 0.00	19.47 -0.18 0.00	18.88 -0.17 0.00	18.22 -0.18 0.00	17.79 -0.18 0.00	17.25 -0.21 0.00	17.62 -0.21 0.00	19.22 -0.23 0.00	22.44 -0.30 0.00	27.82 -0.45 0.00	31.80 -0.32 0.00	29.45 -0.48 0.00	24.24 -0.34 0.00	20.53 -0.19 0.00	19.73 0.04 0.00
TELGRAPH_34_KV_EAST 80808	17.79 -1.67 0.00	16.58 -1.21 0.00	16.22 -1.16 0.00	16.26 -1.09 0.00	17.02 -1.11 0.00	20.23 -1.29 0.00	25.06 -2.45 0.00	29.07 -3.56 0.00	26.52 -2.65 0.00	21.33 -1.70 0.00	18.18 -1.47 0.00	17.57 -1.49 0.00	16.90 -1.51 0.00	16.46 -1.51 0.00	15.92 -1.54 0.00	16.30 -1.53 0.00	18.07 -1.38 0.00	21.12 -1.61 0.00	25.78 -2.49 0.00	29.45 -2.67 0.00	27.26 -2.66 0.00	22.64 -1.94 0.00	19.34 -1.37 0.00	19.13 -0.55 0.00
TEMPLE___115KV_TB 2 55572	19.25 -0.21 0.00	17.65 -0.14 0.00	17.25 -0.14 0.00	17.21 -0.14 0.00	18.02 -0.11 0.00	21.39 -0.13 0.00	27.12 -0.39 0.00	32.33 -0.29 0.00	28.88 -0.29 0.00	22.83 -0.21 0.00	19.49 -0.16 0.00	18.88 -0.17 0.00	18.24 -0.17 0.00	17.81 -0.16 0.00	17.25 -0.21 0.00	17.64 -0.20 0.00	19.22 -0.23 0.00	22.46 -0.27 0.00	27.84 -0.42 0.00	31.83 -0.29 0.00	29.48 -0.45 0.00	24.24 -0.34 0.00	20.53 -0.19 0.00	19.75 0.06 0.00
TIANA____69_KV_BK 1 55817	20.32 0.86 0.00	18.45 0.66 0.00	18.07 0.68 0.00	17.96 0.61 0.00	18.82 0.69 0.00	22.34 0.82 0.00	30.53 1.93 -1.10	35.21 2.58 0.00	31.01 1.84 0.00	24.58 1.54 0.00	20.89 1.24 0.00	20.14 1.09 0.00	19.32 0.92 0.00	18.81 0.84 0.00	18.42 0.96 0.00	18.92 1.09 0.00	20.79 1.34 0.00	24.21 1.48 0.00	29.99 1.72 0.00	34.63 2.51 0.00	32.02 2.09 0.00	27.47 1.72 -1.17	23.97 1.30 -1.95	20.41 0.73 0.00
TILDEN___115KV_TB1 80814	19.31 -0.16 0.00	17.68 -0.11 0.00	17.28 -0.10 0.00	17.27 -0.09 0.00	18.06 -0.07 0.00	21.44 -0.09 0.00	27.21 -0.30 0.00	32.50 -0.13 0.00	29.05 -0.12 0.00	22.92 -0.12 0.00	19.55 -0.10 0.00	18.94 -0.11 0.00	18.29 -0.11 0.00	17.84 -0.13 0.00	17.30 -0.16 0.00	17.69 -0.14 0.00	19.28 -0.18 0.00	22.53 -0.20 0.00	27.96 -0.31 0.00	31.99 -0.13 0.00	29.60 -0.33 0.00	24.36 -0.22 0.00	20.61 -0.10 0.00	19.80 0.12 0.00
TRIGEN___CC 323695	20.15 0.68 0.00	18.27 0.48 0.00	17.89 0.50 0.00	17.82 0.47 0.00	18.62 0.49 0.00	22.12 0.60 0.00	29.81 1.21 -1.10	34.55 1.93 0.00	30.54 1.37 0.00	24.23 1.20 0.00	20.63 0.98 0.00	19.95 0.90 0.00	19.21 0.81 0.00	18.78 0.81 0.00	18.35 0.89 0.00	18.80 0.96 0.00	20.50 1.05 0.00	24.03 1.30 0.00	29.71 1.44 0.00	34.24 2.12 0.00	31.54 1.62 0.00	27.03 1.28 -1.17	24.13 0.95 -2.46	20.22 0.53 0.00
TRINITY__115KV__ 4 BK 55933	19.91 0.45 0.00	18.20 0.41 0.00	17.79 0.40 0.00	17.77 0.42 0.00	18.54 0.42 0.00	22.06 0.54 0.00	28.36 0.85 0.00	34.00 1.37 0.00	30.07 0.90 0.00	23.61 0.58 0.00	20.16 0.51 0.00	19.57 0.51 0.00	18.90 0.50 0.00	18.44 0.47 0.00	17.95 0.49 0.00	18.26 0.43 0.00	19.92 0.47 0.00	23.25 0.52 0.00	29.00 0.73 0.00	33.15 1.03 0.00	30.70 0.78 0.00	25.17 0.59 0.00	21.13 0.41 0.00	19.88 0.20 0.00
UNION___PROCESSING_DRP 323587	18.43 -1.03 0.00	17.04 -0.75 0.00	16.69 -0.70 0.00	16.68 -0.68 0.00	17.44 -0.69 0.00	20.73 -0.80 0.00	25.97 -1.54 0.00	30.54 -2.09 0.00	27.62 -1.55 0.00	22.04 -0.99 0.00	18.75 -0.90 0.00	18.18 -0.88 0.00	17.50 -0.90 0.00	17.05 -0.92 0.00	16.53 -0.93 0.00	16.91 -0.93 0.00	18.60 -0.86 0.00	21.73 -1.00 0.00	26.74 -1.53 0.00	30.55 -1.57 0.00	28.25 -1.68 0.00	23.38 -1.20 0.00	19.88 -0.83 0.00	19.37 -0.31 0.00
UPPER HUDSON___HYD 24058	20.05 0.58 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.87 0.52 0.00	18.67 0.54 0.00	22.30 0.77 0.00	28.83 1.32 0.00	34.45 1.83 0.00	30.42 1.25 0.00	23.86 0.83 0.00	20.30 0.65 0.00	19.63 0.57 0.00	18.94 0.53 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.39 0.55 0.00	20.07 0.62 0.00	23.57 0.84 0.00	29.51 1.24 0.00	33.66 1.54 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.31 0.60 0.00	20.10 0.41 0.00
UPPER RAQUET___HYD 24056	18.92 -0.54 0.00	17.26 -0.53 0.00	16.85 -0.54 0.00	16.78 -0.57 0.00	17.53 -0.60 0.00	20.81 -0.71 0.00	26.71 -0.80 0.00	31.39 -1.24 0.00	28.30 -0.87 0.00	22.34 -0.69 0.00	19.04 -0.61 0.00	18.41 -0.65 0.00	17.78 -0.63 0.00	17.36 -0.61 0.00	16.85 -0.61 0.00	17.21 -0.62 0.00	18.83 -0.62 0.00	22.10 -0.64 0.00	27.56 -0.71 0.00	30.97 -1.16 0.00	29.21 -0.72 0.00	24.09 -0.49 0.00	20.21 -0.50 0.00	19.13 -0.55 0.00
VALLEY44_115KV_TB2 355964	18.34 -1.13 0.00	17.01 -0.78 0.00	16.67 -0.71 0.00	16.73 -0.62 0.00	17.57 -0.56 0.00	20.83 -0.69 0.00	25.99 -1.51 0.00	30.15 -2.48 0.00	27.24 -1.93 0.00	21.90 -1.13 0.00	18.73 -0.92 0.00	18.14 -0.91 0.00	17.41 -0.99 0.00	16.95 -1.02 0.00	16.43 -1.03 0.00	16.82 -1.02 0.00	18.67 -0.78 0.00	21.78 -0.95 0.00	26.77 -1.50 0.00	30.87 -1.25 0.00	28.37 -1.56 0.00	23.48 -1.11 0.00	20.01 -0.70 0.00	19.71 0.02 0.00
VALLEY___115KV_TB 1-4 80826	19.87 0.41 0.00	18.18 0.39 0.00	17.75 0.37 0.00	17.73 0.38 0.00	18.51 0.38 0.00	22.02 0.50 0.00	28.14 0.63 0.00	33.48 0.85 0.00	29.81 0.64 0.00	23.52 0.48 0.00	20.04 0.39 0.00	19.46 0.40 0.00	18.79 0.39 0.00	18.33 0.36 0.00	17.79 0.33 0.00	18.17 0.34 0.00	19.84 0.39 0.00	23.21 0.48 0.00	28.89 0.62 0.00	32.96 0.84 0.00	30.61 0.69 0.00	25.15 0.57 0.00	21.15 0.43 0.00	20.06 0.37 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.44 0.97 0.00	18.70 0.91 0.00	18.26 0.87 0.00	18.24 0.89 0.00	19.05 0.92 0.00	22.75 1.23 0.00	29.19 1.68 0.00	35.01 2.38 0.00	31.12 1.95 0.00	24.48 1.45 0.00	20.75 1.10 0.00	20.08 1.03 0.00	19.38 0.98 0.00	18.90 0.93 0.00	18.36 0.91 0.00	18.81 0.98 0.00	20.54 1.09 0.00	24.03 1.30 0.00	29.96 1.70 0.00	34.47 2.34 0.00	31.78 1.86 0.00	26.06 1.47 0.00	21.89 1.18 0.00	20.73 1.04 0.00
VISCHER___FERRY HYD 24020	19.78 0.31 0.00	18.11 0.32 0.00	17.70 0.31 0.00	17.68 0.33 0.00	18.47 0.34 0.00	21.97 0.45 0.00	28.33 0.82 0.00	33.93 1.31 0.00	29.99 0.82 0.00	23.52 0.48 0.00	20.06 0.41 0.00	19.47 0.42 0.00	18.83 0.42 0.00	18.36 0.39 0.00	17.86 0.40 0.00	18.26 0.43 0.00	19.94 0.49 0.00	23.28 0.54 0.00	29.09 0.82 0.00	33.12 1.00 0.00	30.79 0.87 0.00	25.20 0.61 0.00	21.02 0.31 0.00	19.86 0.18 0.00
V_A_10_SYNC_DSASP 323832	18.10 -1.36 0.00	16.58 -1.21 0.00	16.15 -1.23 0.00	16.17 -1.18 0.00	16.93 -1.20 0.00	20.23 -1.29 0.00	24.92 -2.59 0.00	28.94 -3.69 0.00	26.34 -2.83 0.00	21.17 -1.86 0.00	18.08 -1.57 0.00	17.51 -1.54 0.00	16.86 -1.55 0.00	16.42 -1.55 0.00	15.90 -1.55 0.00	16.28 -1.55 0.00	17.97 -1.48 0.00	20.98 -1.75 0.00	25.64 -2.63 0.00	29.74 -2.38 0.00	27.05 -2.87 0.00	22.52 -2.06 0.00	19.26 -1.45 0.00	18.92 -0.77 0.00
V_CMM_10_SYNC_DSASP 323787	19.49 0.02 0.00	17.79 0.00 0.00	17.37 -0.02 0.00	17.32 -0.03 0.00	18.07 -0.05 0.00	21.44 -0.09 0.00	27.43 -0.08 0.00	32.20 -0.43 0.00	29.05 -0.12 0.00	22.99 -0.05 0.00	19.61 -0.04 0.00	19.00 -0.06 0.00	18.35 -0.06 0.00	17.92 -0.05 0.00	17.39 -0.07 0.00	17.76 -0.07 0.00	19.41 -0.04 0.00	22.71 -0.02 0.00	28.24 -0.03 0.00	31.70 -0.42 0.00	29.90 -0.03 0.00	24.61 0.02 0.00	20.71 0.00 0.00	19.67 -0.02 0.00
V_CMP_10_SYNC_DSASP 323788	20.26 0.80 0.00	18.25 0.46 0.00	17.82 0.43 0.00	17.73 0.38 0.00	18.49 0.36 0.00	21.91 0.39 0.00	28.06 0.55 0.00	32.95 0.33 0.00	29.70 0.53 0.00	23.52 0.48 0.00	20.08 0.43 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.29 0.32 0.00	17.74 0.28 0.00	18.14 0.30 0.00	19.86 0.41 0.00	23.32 0.59 0.00	29.00 0.73 0.00	32.60 0.48 0.00	30.61 0.69 0.00	25.59 1.01 0.00	21.50 0.79 0.00	20.41 0.73 0.00
V_D_10_SYNC_DSASP 323841	19.52 0.06 0.00	17.84 0.05 0.00	17.42 0.03 0.00	17.35 0.00 0.00	18.13 0.00 0.00	21.50 -0.02 0.00	27.51 0.00 0.00	32.30 -0.33 0.00	29.14 -0.03 0.00	23.03 0.00 0.00	19.65 0.00 0.00	19.04 -0.02 0.00	18.39 -0.02 0.00	17.93 -0.04 0.00	17.42 -0.03 0.00	17.78 -0.05 0.00	19.45 0.00 0.00	22.78 0.05 0.00	28.32 0.06 0.00	31.83 -0.29 0.00	29.99 0.06 0.00	24.71 0.12 0.00	20.77 0.06 0.00	19.73 0.04 0.00
V_E_10_SYNC_DSASP 323830	20.94 1.48 0.00	19.16 1.37 0.00	18.66 1.27 0.00	18.64 1.28 0.00	19.50 1.38 0.00	23.35 1.83 0.00	29.76 2.26 0.00	35.63 3.00 0.00	31.56 2.39 0.00	24.69 1.66 0.00	20.87 1.22 0.00	20.10 1.05 0.00	19.43 1.03 0.00	18.90 0.93 0.00	18.35 0.89 0.00	18.85 1.02 0.00	20.71 1.26 0.00	24.37 1.64 0.00	30.61 2.34 0.00	35.56 3.44 0.00	32.59 2.66 0.00	26.77 2.19 0.00	22.60 1.88 0.00	21.56 1.87 0.00
V_F_30_NSYNC___DSASP 323816	20.05 0.58 0.00	18.32 0.53 0.00	17.91 0.52 0.00	17.89 0.54 0.00	18.69 0.56 0.00	22.27 0.75 0.00	28.72 1.21 0.00	34.32 1.70 0.00	30.34 1.17 0.00	23.79 0.76 0.00	20.28 0.63 0.00	19.65 0.59 0.00	18.98 0.57 0.00	18.49 0.52 0.00	17.98 0.52 0.00	18.40 0.57 0.00	20.09 0.64 0.00	23.55 0.82 0.00	29.43 1.16 0.00	33.57 1.45 0.00	31.21 1.29 0.00	25.49 0.91 0.00	21.31 0.60 0.00	20.12 0.43 0.00
V_F_30_SYNC_DSASP 323786	20.03 0.56 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.86 0.50 0.00	18.64 0.51 0.00	22.17 0.65 0.00	28.53 1.02 0.00	34.19 1.57 0.00	30.25 1.08 0.00	23.77 0.74 0.00	20.28 0.63 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.53 0.56 0.00	18.03 0.58 0.00	18.35 0.52 0.00	20.02 0.56 0.00	23.39 0.66 0.00	29.14 0.88 0.00	33.31 1.19 0.00	30.88 0.96 0.00	25.30 0.71 0.00	21.23 0.52 0.00	19.98 0.30 0.00
V_XM_10_SYNC_DSASP 323789	20.26 0.80 0.00	18.25 0.46 0.00	17.82 0.43 0.00	17.73 0.38 0.00	18.49 0.36 0.00	21.91 0.39 0.00	28.06 0.55 0.00	32.95 0.33 0.00	29.70 0.53 0.00	23.52 0.48 0.00	20.08 0.43 0.00	19.42 0.36 0.00	18.75 0.35 0.00	18.29 0.32 0.00	17.74 0.28 0.00	18.14 0.30 0.00	19.86 0.41 0.00	23.32 0.59 0.00	29.00 0.73 0.00	32.60 0.48 0.00	30.61 0.69 0.00	25.59 1.01 0.00	21.50 0.79 0.00	20.41 0.73 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.91 0.45 0.00	18.09 0.30 0.00	17.72 0.33 0.00	17.67 0.31 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.13 1.50 0.00	30.13 0.96 0.00	23.84 0.81 0.00	20.32 0.67 0.00	19.67 0.61 0.00	19.01 0.61 0.00	18.62 0.65 0.00	18.17 0.72 0.00	18.60 0.77 0.00	20.19 0.74 0.00	23.62 0.89 0.00	29.34 1.07 0.00	33.79 1.67 0.00	31.09 1.17 0.00	25.42 0.84 0.00	21.27 0.56 0.00	19.96 0.28 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.97 0.51 0.00	18.11 0.32 0.00	17.74 0.35 0.00	17.68 0.33 0.00	18.44 0.31 0.00	21.89 0.37 0.00	28.25 0.74 0.00	34.23 1.60 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.46 0.81 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.80 0.83 0.00	18.35 0.89 0.00	18.74 0.91 0.00	20.31 0.86 0.00	23.82 1.09 0.00	29.57 1.30 0.00	34.02 1.90 0.00	31.27 1.35 0.00	25.49 0.91 0.00	21.35 0.64 0.00	20.00 0.31 0.00
W50THST__13_KV_LOAD 356117	20.03 0.56 0.00	18.16 0.37 0.00	17.79 0.40 0.00	17.73 0.38 0.00	18.49 0.36 0.00	21.95 0.43 0.00	28.33 0.83 0.00	34.36 1.73 0.00	30.40 1.23 0.00	24.12 1.08 0.00	20.56 0.90 0.00	19.89 0.84 0.00	19.25 0.85 0.00	18.89 0.92 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.40 0.95 0.00	23.91 1.18 0.00	29.68 1.41 0.00	34.14 2.02 0.00	31.39 1.47 0.00	25.59 1.01 0.00	21.44 0.72 0.00	20.06 0.37 0.00
WADING RIVER_IC_1 23522	19.97 0.51 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.70 0.35 0.00	18.62 0.49 0.00	22.04 0.52 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.80 0.96 0.00	20.64 1.19 0.00	23.94 1.20 0.00	29.68 1.41 0.00	34.15 2.02 0.00	31.87 1.94 0.00	27.18 1.43 -1.18	23.62 0.95 -1.96	20.20 0.51 0.00
WADING RIVER_IC_2 23547	19.97 0.51 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.70 0.35 0.00	18.62 0.49 0.00	22.04 0.52 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.80 0.96 0.00	20.64 1.19 0.00	23.94 1.20 0.00	29.68 1.41 0.00	34.15 2.02 0.00	31.87 1.94 0.00	27.18 1.43 -1.18	23.62 0.95 -1.96	20.20 0.51 0.00

WADING RIVER_IC_3 23601	19.97 0.51 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.70 0.35 0.00	18.62 0.49 0.00	22.04 0.52 0.00	30.29 1.68 -1.10	34.85 2.22 0.00	30.69 1.52 0.00	24.35 1.31 0.00	20.71 1.06 0.00	19.97 0.91 0.00	19.18 0.77 0.00	18.69 0.72 0.00	18.28 0.82 0.00	18.80 0.96 0.00	20.64 1.19 0.00	23.94 1.20 0.00	29.68 1.41 0.00	34.15 2.02 0.00	31.87 1.94 0.00	27.18 1.43 -1.18	23.62 0.95 -1.96	20.20 0.51 0.00
WALDENNY_I2_KV_BK2 80841	17.87 -1.60 0.00	16.65 -1.14 0.00	16.29 -1.10 0.00	16.35 -1.01 0.00	17.13 -1.00 0.00	20.36 -1.16 0.00	25.20 -2.31 0.00	29.10 -3.52 0.00	26.57 -2.60 0.00	21.40 -1.64 0.00	18.30 -1.36 0.00	17.74 -1.31 0.00	17.02 -1.38 0.00	16.60 -1.37 0.00	16.04 -1.41 0.00	16.44 -1.39 0.00	18.23 -1.23 0.00	21.25 -1.48 0.00	25.98 -2.29 0.00	29.71 -2.41 0.00	27.44 -2.48 0.00	22.81 -1.77 0.00	19.49 -1.22 0.00	19.31 -0.37 0.00
WALDEN___HYDRO 24148	19.99 0.53 0.00	18.16 0.37 0.00	17.77 0.38 0.00	17.72 0.36 0.00	18.51 0.38 0.00	21.97 0.45 0.00	28.31 0.80 0.00	34.16 1.53 0.00	30.13 0.96 0.00	23.75 0.71 0.00	20.20 0.55 0.00	19.55 0.50 0.00	18.90 0.50 0.00	18.49 0.52 0.00	18.03 0.58 0.00	18.51 0.68 0.00	20.13 0.68 0.00	23.57 0.84 0.00	29.31 1.05 0.00	33.79 1.67 0.00	31.15 1.23 0.00	25.47 0.88 0.00	21.29 0.58 0.00	20.02 0.33 0.00
WARRENSBURG____ 23737	20.05 0.58 0.00	18.31 0.52 0.00	17.87 0.49 0.00	17.87 0.52 0.00	18.67 0.54 0.00	22.30 0.77 0.00	28.83 1.32 0.00	34.45 1.83 0.00	30.42 1.25 0.00	23.86 0.83 0.00	20.30 0.65 0.00	19.63 0.57 0.00	18.94 0.53 0.00	18.45 0.49 0.00	17.95 0.49 0.00	18.39 0.55 0.00	20.07 0.62 0.00	23.57 0.84 0.00	29.51 1.24 0.00	33.66 1.54 0.00	31.30 1.38 0.00	25.52 0.93 0.00	21.31 0.60 0.00	20.10 0.41 0.00
WATERSIDE___6 8 9 23538	20.05 0.58 0.00	18.18 0.39 0.00	17.80 0.42 0.00	17.73 0.38 0.00	18.49 0.36 0.00	21.87 0.34 0.00	28.20 0.69 0.00	34.16 1.53 0.00	30.28 1.11 0.00	24.00 0.97 0.00	20.48 0.83 0.00	19.82 0.76 0.00	19.16 0.75 0.00	18.83 0.86 0.00	18.38 0.93 0.00	18.78 0.95 0.00	20.33 0.88 0.00	23.85 1.11 0.00	29.57 1.30 0.00	33.98 1.86 0.00	31.30 1.38 0.00	25.49 0.91 0.00	21.37 0.66 0.00	20.06 0.37 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.74 0.27 0.00	18.06 0.27 0.00	17.63 0.24 0.00	17.61 0.26 0.00	18.40 0.27 0.00	21.87 0.34 0.00	27.95 0.44 0.00	33.28 0.65 0.00	29.64 0.47 0.00	23.36 0.32 0.00	19.93 0.28 0.00	19.32 0.27 0.00	18.66 0.26 0.00	18.22 0.25 0.00	17.70 0.24 0.00	18.08 0.25 0.00	19.74 0.29 0.00	23.07 0.34 0.00	28.72 0.45 0.00	32.76 0.64 0.00	30.43 0.51 0.00	24.98 0.39 0.00	21.02 0.31 0.00	19.94 0.26 0.00
WATSON___69_KV_BK 1 55734	20.44 0.97 0.00	18.52 0.73 0.00	18.12 0.73 0.00	18.03 0.68 0.00	18.87 0.74 0.00	22.45 0.93 0.00	30.45 1.84 -1.10	35.14 2.51 0.00	30.98 1.81 0.00	24.58 1.54 0.00	20.91 1.26 0.00	20.18 1.12 0.00	19.38 0.98 0.00	18.89 0.92 0.00	18.47 1.01 0.00	18.97 1.14 0.00	20.81 1.36 0.00	24.37 1.64 0.00	30.11 1.84 0.00	34.79 2.67 0.00	32.11 2.18 0.00	27.59 1.84 -1.17	24.10 1.41 -1.98	20.55 0.87 0.00
WDELAWARE___HYD 323627	20.30 0.84 0.00	18.47 0.68 0.00	18.10 0.71 0.00	18.05 0.69 0.00	18.83 0.71 0.00	22.32 0.80 0.00	28.75 1.24 0.00	34.75 2.12 0.00	30.74 1.57 0.00	24.14 1.11 0.00	20.46 0.81 0.00	19.76 0.71 0.00	19.12 0.72 0.00	18.69 0.72 0.00	18.24 0.79 0.00	13.45 1.00 5.38	18.51 1.03 1.97	23.98 1.25 0.00	29.79 1.53 0.00	34.37 2.25 0.00	31.75 1.83 0.00	25.91 1.33 0.00	21.60 0.89 0.00	20.47 0.79 0.00
WEST BABYLON___IC 23714	20.40 0.93 0.00	18.48 0.69 0.00	18.10 0.71 0.00	18.01 0.66 0.00	18.83 0.71 0.00	22.40 0.88 0.00	30.31 1.71 -1.10	35.04 2.41 0.00	30.92 1.75 0.00	24.53 1.50 0.00	20.87 1.22 0.00	20.14 1.09 0.00	19.36 0.96 0.00	18.89 0.92 0.00	18.47 1.01 0.00	18.96 1.12 0.00	20.75 1.30 0.00	24.35 1.61 0.00	30.08 1.81 0.00	34.72 2.60 0.00	32.02 2.09 0.00	27.50 1.75 -1.17	24.08 1.33 -2.05	20.49 0.81 0.00
WEST CANADA___HYD 24049	19.50 0.04 0.00	17.83 0.04 0.00	17.42 0.03 0.00	17.39 0.03 0.00	18.16 0.04 0.00	21.59 0.06 0.00	27.62 0.11 0.00	32.86 0.23 0.00	29.29 0.12 0.00	23.10 0.07 0.00	19.71 0.06 0.00	19.11 0.06 0.00	18.46 0.06 0.00	18.02 0.05 0.00	17.53 0.07 0.00	17.90 0.07 0.00	19.51 0.06 0.00	22.80 0.07 0.00	28.38 0.11 0.00	32.31 0.19 0.00	30.05 0.12 0.00	24.66 0.07 0.00	20.75 0.04 0.00	19.71 0.02 0.00
WESTERN_NY_WIND 24143	18.06 -1.40 0.00	16.83 -0.96 0.00	16.47 -0.92 0.00	16.49 -0.87 0.00	17.26 -0.87 0.00	20.55 -0.97 0.00	25.53 -1.98 0.00	29.95 -2.68 0.00	27.27 -1.90 0.00	21.86 -1.17 0.00	18.55 -1.10 0.00	17.84 -1.22 0.00	17.13 -1.27 0.00	16.71 -1.26 0.00	16.17 -1.29 0.00	16.55 -1.28 0.00	18.32 -1.13 0.00	21.46 -1.27 0.00	26.29 -1.98 0.00	30.10 -2.02 0.00	27.80 -2.12 0.00	23.08 -1.50 0.00	19.68 -1.04 0.00	19.39 -0.30 0.00
WESTOVER___LESR 323668	19.43 -0.04 0.00	17.81 0.02 0.00	17.42 0.03 0.00	17.41 0.05 0.00	18.22 0.09 0.00	21.63 0.11 0.00	27.48 -0.03 0.00	32.69 0.07 0.00	29.17 0.00 0.00	23.10 0.07 0.00	19.69 0.04 0.00	19.07 0.02 0.00	18.40 0.00 0.00	17.93 -0.04 0.00	17.42 -0.03 0.00	17.82 -0.02 0.00	19.43 -0.02 0.00	22.73 0.00 0.00	28.18 -0.08 0.00	32.35 0.22 0.00	29.87 -0.06 0.00	24.56 -0.02 0.00	20.75 0.04 0.00	19.94 0.26 0.00
WETHRSFD_WT_PWR 323626	17.99 -1.48 0.00	16.46 -1.33 0.00	16.01 -1.37 0.00	16.07 -1.28 0.00	16.86 -1.27 0.00	20.21 -1.31 0.00	24.78 -2.72 0.00	28.61 -4.01 0.00	26.14 -3.03 0.00	21.07 -1.96 0.00	18.04 -1.61 0.00	17.47 -1.58 0.00	16.77 -1.64 0.00	16.30 -1.67 0.00	15.76 -1.69 0.00	16.18 -1.66 0.00	17.93 -1.52 0.00	20.94 -1.80 0.00	25.72 -2.54 0.00	29.97 -2.15 0.00	27.20 -2.72 0.00	22.64 -1.94 0.00	19.37 -1.35 0.00	19.16 -0.53 0.00
WHAVSTOR_138KV_BK127 55557	19.86 0.39 0.00	18.04 0.25 0.00	17.67 0.28 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.82 0.30 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.26 0.61 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.56 0.59 0.00	18.10 0.65 0.00	18.53 0.70 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.26 0.99 0.00	33.66 1.54 0.00	31.00 1.08 0.00	25.32 0.74 0.00	21.21 0.50 0.00	19.88 0.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.86 0.39 0.00	18.04 0.25 0.00	17.67 0.28 0.00	17.61 0.26 0.00	18.38 0.25 0.00	21.82 0.30 0.00	28.14 0.63 0.00	34.00 1.37 0.00	30.02 0.85 0.00	23.75 0.71 0.00	20.26 0.61 0.00	19.61 0.55 0.00	18.96 0.55 0.00	18.56 0.59 0.00	18.10 0.65 0.00	18.53 0.70 0.00	20.11 0.66 0.00	23.55 0.82 0.00	29.26 0.99 0.00	33.66 1.54 0.00	31.00 1.08 0.00	25.32 0.74 0.00	21.21 0.50 0.00	19.88 0.20 0.00

WHITEHAL_115KV_TB1 80871	20.34 0.88 0.00	18.54 0.75 0.00	18.10 0.71 0.00	18.08 0.73 0.00	18.91 0.78 0.00	22.66 1.14 0.00	29.35 1.84 0.00	35.04 2.41 0.00	30.89 1.72 0.00	24.16 1.13 0.00	20.54 0.88 0.00	19.82 0.76 0.00	19.12 0.72 0.00	18.60 0.63 0.00	18.09 0.63 0.00	18.55 0.71 0.00	20.27 0.82 0.00	23.87 1.14 0.00	29.91 1.64 0.00	34.21 2.09 0.00	31.81 1.89 0.00	25.91 1.33 0.00	21.66 0.95 0.00	20.32 0.63 0.00
WHITEPLN_13_KV_LOAD 356215	20.11 0.64 0.00	18.25 0.46 0.00	17.86 0.47 0.00	17.80 0.45 0.00	18.58 0.45 0.00	22.08 0.56 0.00	28.50 0.99 0.00	34.55 1.93 0.00	30.54 1.37 0.00	24.12 1.08 0.00	20.58 0.92 0.00	19.91 0.86 0.00	19.27 0.87 0.00	18.87 0.90 0.00	18.42 0.96 0.00	18.83 1.00 0.00	20.44 0.99 0.00	23.94 1.20 0.00	29.79 1.53 0.00	34.27 2.15 0.00	31.48 1.56 0.00	25.69 1.11 0.00	21.52 0.81 0.00	20.16 0.47 0.00
WM_FLOYD_69_KV_BK2 356380	20.22 0.76 0.00	18.36 0.57 0.00	17.96 0.57 0.00	17.87 0.52 0.00	18.71 0.58 0.00	22.21 0.69 0.00	30.28 1.68 -1.10	34.91 2.28 0.00	30.75 1.58 0.00	24.37 1.34 0.00	20.73 1.08 0.00	19.99 0.93 0.00	19.20 0.79 0.00	18.71 0.74 0.00	18.29 0.84 0.00	18.81 0.98 0.00	20.66 1.21 0.00	24.07 1.34 0.00	29.79 1.53 0.00	34.40 2.28 0.00	31.81 1.89 0.00	27.32 1.57 -1.17	23.82 1.16 -1.95	20.32 0.63 0.00
WOODARD__115KV_TB2 355635	19.21 -0.25 0.00	17.61 -0.18 0.00	17.21 -0.17 0.00	17.18 -0.17 0.00	17.98 -0.15 0.00	21.35 -0.17 0.00	27.07 -0.44 0.00	32.30 -0.33 0.00	28.56 -0.61 0.00	22.60 -0.44 0.00	19.28 -0.37 0.00	18.69 -0.36 0.00	18.31 -0.09 0.00	17.84 -0.13 0.00	17.30 -0.16 0.00	17.69 -0.14 0.00	19.18 -0.27 0.00	22.39 -0.34 0.00	27.79 -0.48 0.00	31.73 -0.39 0.00	29.39 -0.54 0.00	24.19 -0.39 0.00	20.48 -0.23 0.00	19.71 0.02 0.00
YORK__WARBASSE 23770	20.17 0.70 0.00	18.25 0.46 0.00	17.87 0.49 0.00	17.80 0.45 0.00	18.56 0.44 0.00	21.91 0.39 0.00	28.22 0.72 0.00	34.16 1.53 0.00	30.37 1.20 0.00	24.07 1.04 0.00	20.52 0.86 0.00	19.84 0.78 0.00	19.20 0.79 0.00	18.87 0.90 0.00	18.43 0.98 0.00	18.83 1.00 0.00	20.38 0.93 0.00	23.96 1.23 0.00	29.71 1.44 0.00	34.08 1.96 0.00	31.45 1.53 0.00	25.59 1.01 0.00	21.46 0.75 0.00	20.16 0.47 0.00