

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion																	
Generator Data																									02/22/2024				
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
PTID		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST				
59TH STREET_GT_1		18.47	19.18	17.92	18.35	18.42	16.99	20.21	21.47	24.45	27.11	27.50	24.05	29.55	31.62	32.67	26.13	25.49	39.94	43.13	38.76	27.02	27.50	24.77	21.77				
24138		1.12	1.04	0.99	0.95	1.04	1.24	1.51	1.86	2.05	2.18	2.13	1.71	1.96	2.07	2.14	1.90	2.02	3.14	3.29	2.79	2.09	1.91	1.55	1.27				
		0.00	0.00	0.00	0.00	0.00	0.00	-1.63	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		18.50	19.22	17.95	18.38	18.46	17.00	20.23	21.47	24.45	27.10	27.50	24.05	29.56	31.64	32.69	26.15	25.51	39.98	43.19	38.83	27.06	27.54	24.81	21.81				
24260		1.15	1.07	1.02	0.98	1.08	1.25	1.53	1.86	2.05	2.16	2.13	1.71	1.97	2.08	2.16	1.92	2.04	3.17	3.35	2.86	2.14	1.96	1.59	1.32				
		0.00	0.00	0.00	0.00	0.00	0.00	-1.63	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		18.50	19.22	17.95	18.38	18.46	17.00	20.23	21.47	24.45	27.10	27.50	24.05	29.56	31.64	32.69	26.15	25.51	39.98	43.19	38.83	27.06	27.54	24.81	21.81				
24261		1.15	1.07	1.02	0.98	1.08	1.25	1.53	1.86	2.05	2.16	2.13	1.71	1.97	2.08	2.16	1.92	2.04	3.17	3.35	2.86	2.14	1.96	1.59	1.32				
		0.00	0.00	0.00	0.00	0.00	0.00	-1.63	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		17.97	18.75	17.50	17.99	18.01	16.46	38.70	20.71	23.62	26.23	26.62	23.21	28.83	30.85	31.87	25.62	24.72	39.09	42.18	37.86	26.34	26.92	24.30	21.32				
24011		0.62	0.60	0.57	0.59	0.63	0.71	0.97	1.11	1.23	1.29	1.25	0.87	1.24	1.29	1.35	1.38	1.25	2.29	2.34	1.89	1.41	1.34	1.08	0.82				
		0.00	0.00	0.00	0.00	0.00	0.00	-20.66	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		18.02	18.81	17.55	18.07	18.08	16.52	38.71	20.83	23.77	26.37	26.77	23.25	28.89	30.93	32.00	25.81	24.88	39.43	42.47	38.10	26.51	27.09	24.42	21.40				
23798		0.67	0.66	0.62	0.66	0.70	0.77	1.09	1.22	1.38	1.44	1.40	0.90	1.29	1.38	1.48	1.57	1.41	2.62	2.63	2.13	1.58	1.51	1.20	0.90				
		0.00	0.00	0.00	0.00	0.00	0.00	-20.55	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					
ADK S GLENS___FALLS		17.97	18.75	17.50	17.99	18.01	16.46	38.70	20.71	23.62	26.23	26.62	23.21	28.83	30.85	31.87	25.62	24.72	39.09	42.18	37.86	26.34	26.92	24.30	21.32				
24028		0.62	0.60	0.57	0.59	0.63	0.71	0.97	1.11	1.23	1.29	1.25	0.87	1.24	1.29	1.35	1.38	1.25	2.29	2.34	1.89	1.41	1.34	1.08	0.82				
		0.00	0.00	0.00	0.00	0.00	0.00	-20.66	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		18.65	19.51	18.22	18.70	18.75	17.13	39.15	21.49	24.55	27.28	27.61	24.18	29.83	31.71	32.56	26.23	24.89	39.30	42.52	38.22	26.89	27.45	24.86	21.84				
23527		1.30	1.36	1.29	1.30	1.37	1.39	1.60	1.89	2.16	2.35	2.24	1.83	2.23	2.15	2.03	2.00	1.42	2.49	2.68	2.25	1.96	1.86	1.64	1.34				
		0.00	0.00	0.00	0.00	0.00	0.00	-20.48	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		17.68	18.43	17.19	17.65	17.67	16.14	25.38	20.18	22.97	25.39	25.61	22.46	27.76	29.73	30.66	24.43	23.83	37.66	40.73	36.62	25.53	26.15	23.90	21.03				
24190		0.33	0.28	0.26	0.25	0.29	0.39	0.51	0.57	0.58	0.45	0.23	0.12	0.16	0.17	0.13	0.19	0.36	0.86	0.89	0.65	0.60	0.57	0.68	0.53				
		0.00	0.00	0.00	0.00	0.00	0.00	-7.80	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		17.28	18.18	17.04	17.56	17.43	15.59	16.86	19.32	22.04	24.54	25.07	22.16	27.36	29.29	30.28	23.91	23.01	35.83	38.85	35.35	24.38	25.22	23.02	20.36				
355683		-0.07	0.04	0.11	0.16	0.05	-0.15	-0.21	-0.28	-0.35	-0.39	-0.29	-0.19	-0.23	-0.27	-0.25	-0.33	-0.46	-0.97	-1.00	-0.62	-0.54	-0.37	-0.20	-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					
ALBANY_1_SOLAR		17.97	18.75	17.48	17.96	17.97	16.40	23.50	20.48	23.28	25.74	25.98	22.80	28.31	30.36	31.28	25.00	24.35	38.49	41.68	37.47	26.06	26.68	24.28	21.38				
323833		0.62	0.60	0.55	0.55	0.59	0.65	0.78	0.87	0.89	0.80	0.61	0.45	0.72	0.80	0.75	0.76	0.88	1.69	1.84	1.50	1.13	1.10	1.06	0.88				
		0.00	0.00	0.00	0.00	0.00	0.00	-5.65	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_SOLAR		17.97	18.74	17.48	17.95	17.96	16.39	23.50	20.48	23.28	25.73	25.98	22.79	28.30	30.35	31.27	25.00	24.35	38.48	41.66	37.46	26.05	26.67	24.27	21.38				
323834		0.62	0.60	0.55	0.55	0.58	0.64	0.78	0.87	0.89	0.80	0.61	0.45	0.71	0.79	0.74	0.76	0.87	1.68	1.82	1.49	1.13	1.09	1.05	0.88				
		0.00	0.00	0.00	0.00	0.00	0.00	-5.65	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		17.68	18.43	17.19	17.65	17.67	16.14	25.38	20.18	22.97	25.39	25.61	22.46	27.76	29.73	30.66	24.43	23.83	37.66	40.73	36.62	25.53	26.15	23.90	21.03				
23571		0.33	0.28	0.26	0.25	0.29	0.39	0.51	0.57	0.58	0.45	0.23	0.12	0.16	0.17	0.13	0.19	0.36	0.86	0.89	0.65	0.60	0.57	0.68	0.53				
		0.00	0.00	0.00	0.00	0.00	0.00	-7.80	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	17.68 0.33 0.00	18.43 0.28 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.57 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.12 0.00	27.76 0.16 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.65 0.00	25.53 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
ALBANY___3 23573	17.68 0.33 0.00	18.43 0.28 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.57 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.12 0.00	27.76 0.16 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.65 0.00	25.53 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
ALBANY___4 23574	17.68 0.33 0.00	18.43 0.28 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.57 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.12 0.00	27.76 0.16 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.65 0.00	25.53 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
ALBANY___LFGE 323615	17.81 0.46 0.00	18.57 0.42 0.00	17.32 0.39 0.00	17.78 0.38 0.00	17.80 0.42 0.00	16.26 0.51 0.00	27.81 0.65 -10.10	20.35 0.74 0.00	23.17 0.78 0.00	25.64 0.70 0.00	25.90 0.53 0.00	22.74 0.40 0.00	28.13 0.54 0.00	30.12 0.57 0.00	31.06 0.54 0.00	24.72 0.48 0.00	24.11 0.64 0.00	38.10 1.29 0.00	41.20 1.36 0.00	37.03 1.07 0.00	25.81 0.88 0.00	26.42 0.84 0.00	24.10 0.87 0.00	21.20 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	18.15 -0.02 -0.82	18.25 0.10 0.00	17.15 0.22 0.00	17.68 0.28 0.00	17.48 0.10 0.00	15.62 -0.13 0.00	16.90 -0.17 0.00	19.37 -0.23 0.00	22.09 -0.30 0.00	24.59 -0.34 0.00	25.13 -0.24 0.00	22.20 -0.14 0.00	27.43 -0.17 0.00	29.35 -0.20 0.00	30.36 -0.17 0.00	23.97 -0.26 0.00	23.07 -0.39 0.00	35.94 -0.86 0.00	38.96 -0.88 0.00	35.47 -0.50 0.00	24.45 -0.48 0.00	25.28 -0.30 0.00	23.10 -0.12 0.00	20.44 -0.06 0.00
ALCOA_RYNLDS___DRP 24188	18.15 -0.02 -0.82	18.25 0.10 0.00	17.15 0.22 0.00	17.68 0.28 0.00	17.48 0.10 0.00	15.62 -0.13 0.00	16.90 -0.17 0.00	19.37 -0.23 0.00	22.09 -0.30 0.00	24.59 -0.34 0.00	25.13 -0.24 0.00	22.20 -0.14 0.00	27.43 -0.17 0.00	29.35 -0.20 0.00	30.36 -0.17 0.00	23.97 -0.26 0.00	23.07 -0.39 0.00	35.94 -0.86 0.00	38.96 -0.88 0.00	35.47 -0.50 0.00	24.45 -0.48 0.00	25.28 -0.30 0.00	23.10 -0.12 0.00	20.44 -0.06 0.00
ALCOA___DSASP 323711	18.15 -0.02 -0.82	18.25 0.10 0.00	17.15 0.22 0.00	17.68 0.28 0.00	17.48 0.10 0.00	15.62 -0.12 0.00	16.90 -0.17 0.00	19.37 -0.23 0.00	22.09 -0.30 0.00	24.59 -0.34 0.00	25.13 -0.24 0.00	22.20 -0.14 0.00	27.43 -0.17 0.00	29.35 -0.20 0.00	30.36 -0.17 0.00	23.97 -0.26 0.00	23.07 -0.39 0.00	35.94 -0.86 0.00	38.96 -0.88 0.00	35.47 -0.50 0.00	24.45 -0.48 0.00	25.28 -0.30 0.00	23.10 -0.12 0.00	20.44 -0.06 0.00
ALLEGHENY___COGEN 23514	16.96 -0.39 0.00	17.94 -0.20 0.00	16.61 -0.32 0.00	17.12 -0.28 0.00	17.19 -0.19 0.00	15.56 -0.18 0.00	17.48 0.00 -0.40	19.88 0.28 0.00	23.03 0.64 0.00	25.86 0.92 0.00	26.12 0.75 0.00	23.01 0.67 0.00	28.60 1.01 0.00	30.78 1.22 0.00	31.83 1.30 0.00	25.36 1.12 0.00	24.54 1.07 0.00	38.70 1.90 0.00	41.91 2.06 0.00	37.55 1.58 0.00	25.92 0.86 -0.14	26.44 0.82 -0.04	23.79 0.49 -0.07	20.99 0.49 0.00
ALTAMONT_115KV_TB 2 55880	17.78 0.43 0.00	18.54 0.39 0.00	17.29 0.36 0.00	17.76 0.36 0.00	17.77 0.39 0.00	16.22 0.47 0.00	23.90 0.60 -6.23	20.31 0.70 0.00	23.15 0.75 0.00	25.68 0.74 0.00	26.03 0.65 0.00	22.83 0.49 0.00	28.21 0.61 0.00	30.21 0.65 0.00	31.18 0.65 0.00	24.85 0.61 0.00	24.19 0.72 0.00	38.14 1.34 0.00	41.28 1.44 0.00	37.14 1.18 0.00	25.85 0.92 0.00	26.44 0.85 0.00	24.00 0.78 0.00	21.14 0.64 0.00
ALTONA_WT_PWR 323606	-14.68 -0.57 31.45	17.91 -0.24 0.00	16.89 -0.04 0.00	17.58 0.18 0.00	17.29 -0.09 0.00	15.27 -0.48 0.00	17.09 0.01 0.00	19.96 0.36 0.00	22.53 0.14 0.00	25.01 0.08 0.00	25.75 0.38 0.00	22.68 0.34 0.00	27.97 0.38 0.00	29.76 0.21 0.00	30.93 0.40 0.00	24.79 0.56 0.00	23.87 0.40 0.00	36.85 0.05 0.00	39.65 -0.19 0.00	36.28 0.31 0.00	25.19 0.26 0.00	25.87 0.29 0.00	23.47 0.25 0.00	20.92 0.42 0.00
AMERICAN_REF_FUEL 24010	14.47 -1.76 1.12	13.55 -1.65 2.95	13.19 -1.55 2.20	14.40 -1.57 1.44	13.23 -1.47 2.68	12.86 -1.27 1.62	15.18 -1.62 0.27	17.69 -1.92 0.00	19.27 -1.80 1.32	22.00 -1.54 1.40	21.57 -1.47 2.33	18.26 -1.33 2.75	26.09 -1.50 0.00	27.94 -1.61 0.00	28.87 -1.66 0.00	22.88 -1.35 0.00	20.80 -1.45 1.22	34.20 -2.31 0.29	36.94 -2.30 0.60	33.61 -2.36 0.00	21.16 -2.14 1.63	22.81 -2.33 0.44	19.97 -2.37 0.88	18.71 -1.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.33 -1.60 1.42	12.72 -1.67 3.76	12.78 -1.35 2.80	14.18 -1.39 1.83	12.37 -1.60 3.42	12.51 -1.17 2.06	15.71 -1.02 0.34	18.33 -1.27 0.00	19.55 -1.16 1.68	22.26 -0.89 1.79	21.59 -0.81 2.97	17.90 -0.94 3.51	26.78 -0.81 0.00	29.12 -0.44 0.00	30.81 0.29 0.00	24.64 0.40 0.00	22.13 0.22 1.55	36.97 0.54 0.37	39.28 0.18 0.74	35.80 -0.17 0.00	22.39 -0.51 2.02	24.39 -0.65 0.54	21.34 -0.79 1.09	20.02 -0.48 0.00
ARTHUR KILL_GT_1 23520	18.49 1.14 -0.01	19.22 1.07 0.00	17.97 1.03 0.00	18.38 0.97 0.00	18.48 1.10 0.00	17.01 1.26 0.00	20.22 1.50 -1.64	21.44 1.83 0.00	24.36 1.96 0.00	26.95 2.01 0.00	27.33 1.95 0.00	23.94 1.55 -0.05	29.36 1.76 0.00	31.51 1.92 -0.03	32.55 2.02 0.00	25.98 1.74 0.00	25.37 1.90 0.00	39.73 2.93 0.00	42.97 3.13 0.00	38.69 2.71 0.00	71.69 2.01 -44.75	101.92 1.82 -74.51	47.39 1.51 -22.66	21.78 1.28 0.00
ARTHUR_KILL_2 23512	18.45 1.09 -0.01	19.16 1.02 0.00	17.92 0.99 0.00	18.33 0.93 0.00	18.43 1.05 0.00	16.96 1.22 0.00	20.16 1.45 -1.64	21.37 1.76 0.00	24.29 1.89 0.00	26.88 1.94 0.00	27.26 1.88 0.00	23.88 1.49 -0.05	29.28 1.69 0.00	31.43 1.84 -0.03	32.47 1.93 0.00	25.91 1.67 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.83 2.99 0.00	38.57 2.60 0.00	71.61 1.93 -44.75	101.84 1.75 -74.51	47.32 1.44 -22.66	21.72 1.22 0.00
ARTHUR_KILL_3 23513	18.33 0.98 0.00	19.03 0.89 0.00	17.78 0.85 0.00	18.21 0.81 0.00	18.28 0.90 0.00	16.85 1.11 0.00	20.06 1.36 -1.64	21.27 1.67 0.00	24.19 1.80 0.00	26.81 1.87 0.00	27.19 1.81 0.00	23.81 1.42 -0.05	29.20 1.61 0.00	31.30 1.71 -0.03	32.31 1.78 0.00	25.85 1.60 0.00	25.21 1.74 0.00	39.50 2.70 0.00	42.71 2.87 0.00	38.40 2.43 0.00	70.26 1.84 -43.50	99.67 1.67 -72.42	46.58 1.34 -22.02	21.59 1.10 0.00

ARTHUR_KILL_COGEN 323718	18.49 1.14 -0.01	19.22 1.07 0.00	17.97 1.03 0.00	18.38 0.97 0.00	18.48 1.10 0.00	17.01 1.26 0.00	20.22 1.50 -1.64	21.44 1.83 0.00	24.36 1.96 0.00	26.95 2.01 0.00	27.33 1.95 0.00	23.94 1.55 -0.05	29.36 1.76 0.00	31.51 1.92 -0.03	32.55 2.02 0.00	25.98 1.74 0.00	25.37 1.90 0.00	39.73 2.93 0.00	42.97 3.13 0.00	38.69 2.71 0.00	71.69 2.01 -44.75	101.92 1.82 -74.51	47.39 1.51 -22.66	21.78 1.28 0.00
ASHOKAN____ 23654	18.44 1.09 0.00	19.21 1.06 0.00	17.94 1.01 0.00	18.43 1.02 0.00	18.46 1.08 0.00	16.91 1.17 0.00	22.68 1.42 -4.19	21.29 1.68 0.00	24.20 1.81 0.00	26.64 1.71 0.00	26.79 1.41 0.00	23.43 1.09 0.00	29.28 1.69 0.00	31.37 1.81 0.00	32.19 1.66 0.00	25.85 1.61 0.00	25.25 1.78 0.00	39.99 3.19 0.00	43.35 3.51 0.00	38.92 2.96 0.00	26.99 2.06 0.00	27.55 1.97 0.00	24.96 1.74 0.00	21.91 1.41 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.39 1.04 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.28 0.88 0.00	18.38 1.00 0.00	16.89 1.15 0.00	20.14 1.43 -1.63	21.38 1.77 0.00	24.32 1.93 0.00	26.92 1.98 0.00	27.30 1.93 0.00	23.83 1.48 -0.01	29.32 1.73 0.00	31.42 1.86 -0.01	32.47 1.94 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.54 2.75 0.00	42.75 2.91 0.00	38.58 2.61 0.00	26.79 1.86 -0.01	27.18 1.59 -0.01	24.60 1.37 -0.01	21.70 1.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.39 1.04 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.28 0.88 0.00	18.38 1.00 0.00	16.89 1.15 0.00	20.14 1.43 -1.63	21.38 1.77 0.00	24.32 1.93 0.00	26.92 1.98 0.00	27.30 1.93 0.00	23.83 1.48 -0.01	29.32 1.73 0.00	31.42 1.86 -0.01	32.47 1.94 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.54 2.75 0.00	42.75 2.91 0.00	38.58 2.61 0.00	26.79 1.86 -0.01	27.18 1.59 -0.01	24.60 1.37 -0.01	21.70 1.20 0.00
ASTORIA_GT2_1 24094	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT2_2 24095	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT2_3 24096	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT2_4 24097	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT3_1 24098	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT3_2 24099	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT3_3 24100	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT3_4 24101	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT4_1 24102	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT4_2 24103	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT4_3 24104	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00

ASTORIA_GT4_4 24105	18.40 1.05 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.29 0.89 0.00	18.39 1.00 0.00	16.90 1.16 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.94 2.01 0.00	27.31 1.94 0.00	23.84 1.49 -0.01	29.34 1.74 0.00	31.44 1.87 -0.01	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.76 0.00	42.78 2.94 0.00	38.61 2.64 0.00	26.80 1.86 -0.01	27.22 1.63 -0.01	24.61 1.38 -0.01	21.71 1.21 0.00
ASTORIA_GT_1 23523	18.43 1.08 0.00	19.17 1.03 0.00	17.91 0.98 0.00	18.32 0.92 0.00	18.42 1.03 0.00	16.92 1.18 0.00	20.18 1.47 -1.63	21.43 1.82 0.00	24.39 1.99 0.00	26.99 2.06 0.00	27.36 1.99 0.00	23.90 1.55 -0.01	29.40 1.80 0.00	31.50 1.94 -0.01	32.55 2.02 0.00	26.03 1.79 0.00	25.37 1.90 0.00	39.64 2.84 0.00	42.87 3.02 0.00	38.69 2.72 0.00	26.86 1.92 -0.01	27.25 1.65 -0.01	24.65 1.42 -0.01	21.74 1.25 0.00
ASTORIA_GT_10 24110	18.42 1.07 0.00	19.12 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.51 1.96 -7.63	40.05 1.75 -12.71	28.53 1.45 -3.87	21.71 1.21 0.00
ASTORIA_GT_11 24225	18.42 1.07 0.00	19.12 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.51 1.96 -7.63	40.05 1.75 -12.71	28.53 1.45 -3.87	21.71 1.21 0.00
ASTORIA_GT_12 24226	18.42 1.07 0.00	19.12 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.51 1.96 -7.63	40.05 1.75 -12.71	28.53 1.45 -3.87	21.71 1.21 0.00
ASTORIA_GT_13 24227	18.42 1.07 0.00	19.12 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.51 1.96 -7.63	40.05 1.75 -12.71	28.53 1.45 -3.87	21.71 1.21 0.00
ASTORIA_GT_5 24106	18.43 1.08 0.00	19.17 1.02 0.00	17.90 0.97 0.00	18.32 0.92 0.00	18.41 1.03 0.00	16.93 1.18 0.00	20.18 1.47 -1.63	21.43 1.82 0.00	24.38 1.99 0.00	27.00 2.07 0.00	27.36 1.99 0.00	23.90 1.55 -0.01	29.40 1.81 0.00	31.50 1.94 -0.01	32.55 2.02 0.00	26.03 1.79 0.00	25.37 1.90 0.00	39.64 2.84 0.00	42.87 3.03 0.00	38.68 2.71 0.00	26.86 1.92 -0.01	27.27 1.67 -0.01	24.66 1.43 -0.01	21.74 1.25 0.00
ASTORIA_GT_7 24107	18.43 1.08 0.00	19.17 1.02 0.00	17.90 0.97 0.00	18.32 0.92 0.00	18.41 1.03 0.00	16.93 1.18 0.00	20.18 1.47 -1.63	21.43 1.82 0.00	24.38 1.99 0.00	27.00 2.07 0.00	27.36 1.99 0.00	23.90 1.55 -0.01	29.40 1.81 0.00	31.50 1.94 -0.01	32.55 2.02 0.00	26.03 1.79 0.00	25.37 1.90 0.00	39.64 2.84 0.00	42.87 3.03 0.00	38.68 2.71 0.00	26.86 1.92 -0.01	27.27 1.67 -0.01	24.66 1.43 -0.01	21.74 1.25 0.00
ASTORIA_GT_8 24108	18.43 1.08 0.00	19.17 1.02 0.00	17.90 0.97 0.00	18.32 0.92 0.00	18.41 1.03 0.00	16.93 1.18 0.00	20.18 1.47 -1.63	21.43 1.82 0.00	24.38 1.99 0.00	27.00 2.07 0.00	27.36 1.99 0.00	23.90 1.55 -0.01	29.40 1.81 0.00	31.50 1.94 -0.01	32.55 2.02 0.00	26.03 1.79 0.00	25.37 1.90 0.00	39.64 2.84 0.00	42.87 3.03 0.00	38.68 2.71 0.00	26.86 1.92 -0.01	27.27 1.67 -0.01	24.66 1.43 -0.01	21.74 1.25 0.00
ASTORIA___2 24149	18.40 1.05 0.00	19.14 0.99 0.00	17.88 0.95 0.00	18.29 0.89 0.00	18.39 1.01 0.00	16.90 1.15 0.00	20.15 1.44 -1.63	21.39 1.79 0.00	24.33 1.94 0.00	26.93 2.00 0.00	27.31 1.94 0.00	23.84 1.49 0.00	29.34 1.74 0.00	31.44 1.88 0.00	32.49 1.96 0.00	25.97 1.74 0.00	25.32 1.85 0.00	39.56 2.77 0.00	42.78 2.94 0.00	38.60 2.64 0.00	26.80 1.86 -0.01	27.20 1.60 -0.01	24.60 1.37 -0.01	21.71 1.21 0.00
ASTORIA___3 23516	18.42 1.07 0.00	19.13 0.98 0.00	17.89 0.96 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.15 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.98 2.04 0.00	27.37 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.52 1.96 -7.63	40.04 1.75 -12.71	28.53 1.45 -3.87	21.71 1.22 0.00
ASTORIA___4 23517	18.42 1.07 0.00	19.12 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.51 1.96 -7.63	40.05 1.75 -12.71	28.53 1.45 -3.87	21.71 1.21 0.00
ASTORIA___5 23518	18.42 1.07 0.00	19.13 0.98 0.00	17.89 0.96 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.15 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.98 2.04 0.00	27.37 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.52 1.96 -7.63	40.04 1.75 -12.71	28.53 1.45 -3.87	21.71 1.22 0.00
AST_ENERGY_2_CC3 323677	18.37 1.02 0.00	19.08 0.93 0.00	17.82 0.89 0.00	18.25 0.85 0.00	18.32 0.94 0.00	16.88 1.13 0.00	20.09 1.38 -1.63	21.30 1.69 0.00	24.24 1.84 0.00	26.86 1.92 0.00	27.25 1.87 0.00	23.83 1.48 0.00	29.28 1.69 0.00	31.34 1.78 0.00	32.38 1.85 0.00	25.91 1.67 0.00	25.28 1.81 0.00	39.58 2.78 0.00	42.77 2.93 0.00	38.48 2.51 0.00	26.83 1.91 0.00	27.31 1.73 0.00	24.62 1.40 0.00	21.66 1.17 0.00
AST_ENERGY_2_CC4 323678	18.37 1.02 0.00	19.08 0.93 0.00	17.82 0.89 0.00	18.25 0.85 0.00	18.32 0.94 0.00	16.88 1.13 0.00	20.09 1.38 -1.63	21.30 1.69 0.00	24.24 1.84 0.00	26.86 1.92 0.00	27.25 1.87 0.00	23.83 1.48 0.00	29.28 1.69 0.00	31.34 1.78 0.00	32.38 1.85 0.00	25.91 1.67 0.00	25.28 1.81 0.00	39.58 2.78 0.00	42.77 2.93 0.00	38.48 2.51 0.00	26.83 1.91 0.00	27.31 1.73 0.00	24.62 1.40 0.00	21.66 1.17 0.00

BARRETT_IC_5 23708	18.80 1.30 -0.15	19.35 1.21 0.00	18.07 1.14 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.81 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.01 0.00	31.59 2.04 0.00	32.67 2.15 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.92 3.07 0.00	38.67 2.70 0.00	27.07 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BARRETT_IC_6 23709	18.80 1.30 -0.15	19.35 1.21 0.00	18.07 1.14 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.81 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.01 0.00	31.59 2.04 0.00	32.67 2.15 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.92 3.07 0.00	38.67 2.70 0.00	27.07 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BARRETT_IC_7 23710	18.80 1.30 -0.15	19.35 1.20 0.00	18.07 1.13 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.82 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.02 0.00	31.59 2.04 0.00	32.67 2.14 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.91 3.07 0.00	38.66 2.69 0.00	27.06 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BARRETT_IC_8 23711	18.80 1.30 -0.15	19.35 1.21 0.00	18.07 1.14 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.81 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.01 0.00	31.59 2.04 0.00	32.67 2.15 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.92 3.07 0.00	38.67 2.70 0.00	27.07 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BARRETT_IC_9 23700	18.80 1.30 -0.15	19.35 1.21 0.00	18.07 1.14 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.81 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.01 0.00	31.59 2.04 0.00	32.67 2.15 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.92 3.07 0.00	38.67 2.70 0.00	27.07 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BARRETT___1 23545	18.80 1.30 -0.15	19.35 1.21 0.00	18.07 1.14 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.81 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.01 0.00	31.59 2.04 0.00	32.67 2.15 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.92 3.07 0.00	38.67 2.70 0.00	27.07 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BARRETT___2 23546	18.80 1.30 -0.15	19.35 1.21 0.00	18.07 1.14 0.00	18.50 1.10 0.00	18.57 1.19 0.00	17.05 1.31 0.00	20.21 1.51 -1.63	21.32 1.72 0.00	24.23 1.84 0.00	26.75 1.81 0.00	27.41 2.04 0.00	24.09 1.74 0.00	29.61 2.01 0.00	31.59 2.04 0.00	32.67 2.15 0.00	28.52 1.97 -2.31	30.00 2.06 -4.47	39.91 3.11 0.00	42.92 3.07 0.00	38.67 2.70 0.00	27.07 2.14 0.00	27.52 1.93 0.00	24.79 1.57 0.00	21.80 1.30 0.00
BATAVIA___115KV_TB1 55881	16.33 -1.02 0.00	17.25 -0.89 0.00	16.09 -0.84 0.00	16.54 -0.86 0.00	16.61 -0.77 0.00	15.13 -0.61 0.00	16.29 -0.78 0.00	18.73 -0.88 0.00	21.75 -0.64 0.00	24.63 -0.30 0.00	25.16 -0.21 0.00	22.11 -0.23 0.00	27.51 -0.09 0.00	29.46 -0.10 0.00	30.43 -0.10 0.00	24.11 -0.13 0.00	23.23 -0.25 0.00	36.43 -0.37 0.00	39.65 -0.19 0.00	35.46 -0.51 0.00	24.07 -0.86 0.00	24.55 -1.04 0.00	21.98 -1.24 0.00	19.63 -0.87 0.00
BAYONEEC___CTG1 323682	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG10 323750	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG2 323683	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG3 323684	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG4 323685	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG5 323686	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG6 323687	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00

BAYONEEC___CTG7 323688	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG8 323689	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BAYONEEC___CTG9 323749	18.38 1.03 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.26 0.86 0.00	18.33 0.95 0.00	16.89 1.15 0.00	20.11 1.40 -1.63	21.33 1.73 0.00	24.27 1.87 0.00	26.89 1.96 0.00	27.27 1.90 0.00	23.85 1.51 0.00	29.31 1.72 0.00	31.37 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.61 2.81 0.00	42.82 2.98 0.00	38.51 2.54 0.00	26.86 1.93 0.00	27.34 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
BEACON___LESR 323632	17.96 0.61 0.00	18.73 0.58 0.00	17.41 0.48 0.00	17.91 0.51 0.00	17.93 0.55 0.00	16.42 0.67 0.00	25.63 0.87 -7.69	20.58 0.97 0.00	23.41 1.02 0.00	25.97 1.03 0.00	26.11 0.74 0.00	22.88 0.53 0.00	28.33 0.74 0.00	30.34 0.79 0.00	31.24 0.71 0.00	24.95 0.71 0.00	24.36 0.89 0.00	38.55 1.75 0.00	41.69 1.85 0.00	37.52 1.55 0.00	26.09 1.17 0.00	26.72 1.14 0.00	24.32 1.10 0.00	21.36 0.87 0.00
BEAVER RIVER___HYD 24048	18.64 -0.51 -1.80	17.66 -0.48 0.00	16.35 -0.58 0.00	16.83 -0.58 0.00	16.81 -0.57 0.00	15.19 -0.56 0.00	16.56 -0.51 0.00	19.01 -0.59 0.00	21.71 -0.68 0.00	24.30 -0.63 0.00	24.84 -0.53 0.00	22.11 -0.23 0.00	27.40 -0.19 0.00	29.36 -0.20 0.00	30.33 -0.20 0.00	24.15 -0.08 0.00	23.50 0.03 0.00	37.03 0.23 0.00	40.15 0.31 0.00	36.23 0.26 0.00	24.87 -0.06 0.00	25.44 -0.14 0.00	23.15 -0.07 0.00	20.36 -0.13 0.00
BEEBEE_GT_13 23619	16.40 -0.95 0.00	17.23 -0.92 0.00	16.07 -0.86 0.00	16.53 -0.88 0.00	16.54 -0.84 0.00	15.08 -0.67 0.00	16.31 -0.76 0.00	18.77 -0.84 0.00	21.68 -0.72 0.00	24.45 -0.49 0.00	24.93 -0.44 0.00	21.92 -0.43 0.00	27.22 -0.37 0.00	29.18 -0.38 0.00	30.13 -0.40 0.00	23.89 -0.34 0.00	23.06 -0.41 0.00	36.16 -0.64 0.00	39.28 -0.56 0.00	35.20 -0.77 0.00	24.05 -0.87 0.00	24.56 -1.02 0.00	22.06 -1.16 0.00	19.62 -0.88 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.63 1.28 -0.01	19.34 1.19 0.00	18.07 1.14 0.00	18.49 1.09 0.00	18.58 1.20 0.00	17.12 1.37 0.00	20.35 1.64 -1.64	21.62 2.01 0.00	24.61 2.21 0.00	27.26 2.33 0.00	27.65 2.28 0.00	24.24 1.84 -0.05	29.74 2.14 0.00	31.89 2.30 -0.03	32.91 2.38 0.00	26.30 2.06 0.00	25.63 2.16 0.00	40.15 3.35 0.00	43.41 3.57 0.00	39.07 3.10 0.00	71.95 2.27 -44.75	102.18 2.08 -74.51	47.61 1.73 -22.66	21.96 1.47 0.00
BETHLEHEM___GRP 23843	17.68 0.33 0.00	18.43 0.28 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.57 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.12 0.00	27.76 0.16 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.65 0.00	25.53 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
BETHLEHEM___GS1 323560	17.68 0.33 0.00	18.43 0.29 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.58 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.11 0.00	27.76 0.17 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.66 0.00	25.52 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
BETHLEHEM___GS2 323561	17.68 0.33 0.00	18.43 0.29 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.58 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.11 0.00	27.76 0.17 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.66 0.00	25.52 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
BETHLEHEM___GS3 323562	17.68 0.33 0.00	18.43 0.29 0.00	17.19 0.26 0.00	17.65 0.25 0.00	17.67 0.29 0.00	16.14 0.39 0.00	25.38 0.51 -7.80	20.18 0.58 0.00	22.97 0.58 0.00	25.39 0.45 0.00	25.61 0.23 0.00	22.46 0.11 0.00	27.76 0.17 0.00	29.73 0.17 0.00	30.66 0.13 0.00	24.43 0.19 0.00	23.83 0.36 0.00	37.66 0.86 0.00	40.73 0.89 0.00	36.62 0.66 0.00	25.52 0.60 0.00	26.15 0.57 0.00	23.90 0.68 0.00	21.03 0.53 0.00
BETHLEHEM___STEEL 23779	16.07 -1.28 0.00	16.97 -1.17 0.00	15.87 -1.06 0.00	16.30 -1.10 0.00	16.34 -1.04 0.00	14.87 -0.88 0.00	16.00 -1.07 0.00	18.38 -1.22 0.00	21.39 -1.00 0.00	24.31 -0.63 0.00	24.86 -0.51 0.00	21.83 -0.51 0.00	27.17 -0.42 0.00	29.15 -0.41 0.00	30.15 -0.37 0.00	23.92 -0.31 0.00	23.04 -0.43 0.00	36.09 -0.71 0.00	39.25 -0.59 0.00	35.12 -0.85 0.00	23.87 -1.06 0.00	24.37 -1.22 0.00	21.86 -1.36 0.00	19.54 -0.95 0.00
BETHLHEM_115KV_TB1 79974	17.69 0.34 0.00	18.44 0.30 0.00	17.21 0.28 0.00	17.66 0.26 0.00	17.69 0.31 0.00	16.15 0.41 0.00	25.40 0.52 -7.80	20.20 0.59 0.00	23.00 0.60 0.00	25.41 0.47 0.00	25.63 0.26 0.00	22.48 0.14 0.00	27.79 0.20 0.00	29.76 0.21 0.00	30.70 0.17 0.00	24.45 0.21 0.00	23.85 0.38 0.00	37.70 0.90 0.00	40.79 0.95 0.00	36.67 0.70 0.00	25.56 0.63 0.00	26.18 0.60 0.00	23.92 0.70 0.00	21.05 0.56 0.00
BETHPAGE_CC_5 323564	18.90 1.40 -0.15	19.46 1.32 0.00	18.18 1.25 0.00	18.61 1.21 0.00	18.69 1.31 0.00	17.17 1.42 0.00	20.35 1.64 -1.63	21.51 1.90 0.00	24.44 2.05 0.00	26.95 2.01 0.00	27.61 2.24 0.00	24.22 1.88 0.00	29.78 2.19 0.00	31.82 2.26 0.00	32.97 2.44 0.00	28.77 2.22 -2.31	30.20 2.26 -4.47	40.25 3.45 0.00	43.23 3.39 0.00	38.98 3.01 0.00	27.29 2.36 0.00	27.72 2.14 0.00	24.97 1.75 0.00	21.93 1.43 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.18 -1.17 0.00	17.08 -1.06 0.00	15.97 -0.97 0.00	16.40 -1.00 0.00	16.44 -0.95 0.00	14.95 -0.79 0.00	16.10 -0.97 0.00	18.51 -1.10 0.00	21.54 -0.86 0.00	24.46 -0.47 0.00	25.04 -0.33 0.00	21.99 -0.35 0.00	27.36 -0.24 0.00	29.35 -0.21 0.00	30.37 -0.16 0.00	24.10 -0.14 0.00	23.21 -0.26 0.00	36.37 -0.43 0.00	39.53 -0.32 0.00	35.36 -0.61 0.00	24.06 -0.87 0.00	24.55 -1.03 0.00	22.02 -1.20 0.00	19.69 -0.81 0.00

BINGHAMTON___COGEN 23790	17.27 -0.08 0.00	18.08 -0.07 0.00	16.83 -0.11 0.00	17.30 -0.10 0.00	17.32 -0.06 0.00	15.76 0.01 0.00	17.95 0.12 -0.76	19.85 0.24 0.00	22.74 0.35 0.00	25.36 0.42 0.00	25.76 0.39 0.00	22.64 0.30 0.00	28.05 0.46 0.00	30.07 0.52 0.00	31.05 0.52 0.00	24.71 0.48 0.00	23.91 0.43 0.00	37.64 0.84 0.00	40.66 0.82 0.00	36.55 0.58 0.00	25.30 0.37 0.00	25.89 0.30 0.00	23.40 0.17 0.00	20.68 0.18 0.00
BIXINCNT_115KV_LOAD 355685	16.20 -1.15 0.00	17.10 -1.04 0.00	15.90 -1.03 0.00	16.34 -1.06 0.00	16.27 -1.11 0.00	14.78 -0.97 0.00	16.07 -1.00 0.00	18.50 -1.11 0.00	21.66 -0.74 0.00	24.45 -0.49 0.00	25.49 0.12 0.00	22.27 -0.07 0.00	27.70 0.11 0.00	29.80 0.24 0.00	31.03 0.50 0.00	24.71 0.47 0.00	23.86 0.39 0.00	37.34 0.53 0.00	40.35 0.51 0.00	36.09 0.12 0.00	24.69 -0.23 0.00	25.27 -0.31 0.00	22.70 -0.52 0.00	20.22 -0.27 0.00
BLACK RIVER___HYD 24047	18.08 -0.52 -1.26	17.58 -0.56 0.00	16.24 -0.69 0.00	16.70 -0.70 0.00	16.70 -0.68 0.00	15.16 -0.58 0.00	16.54 -0.53 0.00	19.00 -0.61 0.00	21.71 -0.69 0.00	24.26 -0.68 0.00	24.78 -0.59 0.00	22.06 -0.29 0.00	27.32 -0.28 0.00	29.33 -0.23 0.00	30.34 -0.19 0.00	24.21 -0.02 0.00	23.62 0.15 0.00	37.31 0.51 0.00	40.45 0.61 0.00	36.36 0.39 0.00	24.93 0.00 0.00	25.48 -0.10 0.00	23.07 -0.15 0.00	20.30 -0.20 0.00
BLACKRVR_115KV_TB2 79977	18.09 -0.52 -1.26	17.58 -0.56 0.00	16.24 -0.69 0.00	16.70 -0.70 0.00	16.70 -0.68 0.00	15.16 -0.58 0.00	16.54 -0.53 0.00	19.00 -0.61 0.00	21.71 -0.69 0.00	24.26 -0.68 0.00	24.78 -0.59 0.00	22.06 -0.29 0.00	27.31 -0.28 0.00	29.33 -0.23 0.00	30.34 -0.19 0.00	24.21 -0.02 0.00	23.61 0.14 0.00	37.31 0.51 0.00	40.45 0.60 0.00	36.36 0.39 0.00	24.93 0.00 0.00	25.48 -0.10 0.00	23.07 -0.15 0.00	20.30 -0.20 0.00
BLISS_WT_PWR 323608	14.64 -1.28 1.44	13.18 -1.18 3.79	12.92 -1.20 2.82	14.36 -1.20 1.84	12.64 -1.30 3.44	12.54 -1.13 2.08	15.59 -1.13 0.35	18.34 -1.26 0.00	19.81 -0.88 1.70	22.47 -0.66 1.80	22.45 0.07 2.99	18.66 -0.14 3.54	27.59 0.00 0.00	29.71 0.15 0.00	30.99 0.46 0.00	24.71 0.47 0.00	22.31 0.40 1.56	36.99 0.56 0.37	39.55 0.48 0.77	36.08 0.11 0.00	22.61 -0.22 2.09	24.71 -0.31 0.57	21.59 -0.50 1.13	20.23 -0.27 0.00
BLUESTONE___WT_PWR 323821	17.64 -0.07 -0.35	19.56 0.49 -0.93	17.73 0.11 -0.69	17.99 0.13 -0.45	18.69 0.46 -0.85	16.24 -0.02 -0.51	18.72 0.24 -1.40	20.14 0.53 0.00	23.96 1.15 -0.42	26.86 1.48 -0.44	27.55 1.44 -0.73	24.27 1.06 -0.86	29.00 1.41 0.00	31.33 1.78 0.00	32.33 1.81 0.00	25.86 1.62 0.00	25.42 1.58 -0.37	39.46 2.57 -0.09	42.40 2.37 -0.18	37.38 1.41 0.00	26.31 0.88 -0.50	26.68 0.96 -0.14	24.59 1.10 -0.27	21.66 1.16 0.00
BLUE_CIRC_CHEM_DRP 24182	17.84 0.49 0.00	18.61 0.46 0.00	17.35 0.42 0.00	17.82 0.42 0.00	17.83 0.45 0.00	16.27 0.52 0.00	23.30 0.64 -5.59	20.33 0.72 0.00	23.13 0.74 0.00	25.61 0.67 0.00	25.91 0.54 0.00	22.74 0.39 0.00	28.16 0.57 0.00	30.18 0.63 0.00	31.12 0.59 0.00	24.83 0.59 0.00	24.18 0.71 0.00	38.18 1.37 0.00	41.32 1.48 0.00	37.17 1.20 0.00	25.86 0.93 0.00	26.48 0.89 0.00	24.10 0.87 0.00	21.22 0.73 0.00
BOC_GAS_DRP 24189	17.73 0.38 0.00	18.48 0.34 0.00	17.24 0.31 0.00	17.70 0.30 0.00	17.72 0.34 0.00	16.17 0.42 0.00	22.71 0.54 -5.10	20.24 0.64 0.00	23.07 0.68 0.00	25.58 0.65 0.00	25.95 0.57 0.00	22.76 0.42 0.00	28.10 0.50 0.00	30.09 0.53 0.00	31.05 0.52 0.00	24.74 0.51 0.00	24.10 0.63 0.00	37.99 1.19 0.00	41.12 1.28 0.00	37.00 1.04 0.00	25.76 0.83 0.00	26.36 0.77 0.00	23.93 0.71 0.00	21.08 0.58 0.00
BOONVILLE_115KV_TB1 79983	18.11 0.07 -0.68	18.23 0.09 0.00	16.94 0.00 0.00	17.41 0.00 0.00	17.42 0.04 0.00	15.83 0.08 0.00	17.25 0.18 0.00	19.82 0.21 0.00	22.66 0.27 0.00	25.30 0.37 0.00	25.80 0.43 0.00	22.83 0.48 0.00	28.25 0.66 0.00	30.26 0.71 0.00	31.23 0.70 0.00	24.84 0.60 0.00	24.13 0.66 0.00	37.99 1.19 0.00	41.16 1.32 0.00	37.16 1.19 0.00	25.63 0.70 0.00	26.20 0.62 0.00	23.77 0.56 0.00	20.92 0.42 0.00
BORALEX_4TH_BRANCH 23824	18.65 1.30 0.00	19.51 1.36 0.00	18.22 1.29 0.00	18.70 1.30 0.00	18.75 1.36 0.00	17.13 1.39 0.00	39.15 1.60 -20.48	21.49 1.89 0.00	24.56 2.16 0.00	27.28 2.35 0.00	27.61 2.24 0.00	24.18 1.83 0.00	29.83 2.24 0.00	31.71 2.15 0.00	32.56 2.03 0.00	26.23 2.00 0.00	24.89 1.42 0.00	39.30 2.49 0.00	42.53 2.68 0.00	38.22 2.25 0.00	26.89 1.96 0.00	27.45 1.87 0.00	24.86 1.64 0.00	21.84 1.34 0.00
BOWLINE___1 23526	18.28 0.94 0.00	19.00 0.85 0.00	17.74 0.81 0.00	18.18 0.78 0.00	18.25 0.87 0.00	16.77 1.02 0.00	19.91 1.26 -1.58	21.12 1.52 0.00	24.04 1.65 0.00	26.64 1.70 0.00	27.04 1.66 0.00	23.62 1.28 0.00	29.06 1.47 0.00	31.11 1.55 0.00	32.14 1.61 0.00	25.70 1.47 0.00	25.06 1.59 0.00	39.35 2.55 0.00	42.57 2.73 0.00	38.25 2.29 0.00	26.64 1.72 0.00	27.15 1.56 0.00	24.49 1.27 0.00	21.55 1.05 0.00
BOWLINE___2 23595	18.28 0.94 0.00	19.00 0.85 0.00	17.74 0.81 0.00	18.18 0.78 0.00	18.25 0.87 0.00	16.77 1.02 0.00	19.91 1.26 -1.58	21.12 1.52 0.00	24.04 1.65 0.00	26.64 1.70 0.00	27.04 1.66 0.00	23.62 1.28 0.00	29.06 1.47 0.00	31.11 1.55 0.00	32.14 1.61 0.00	25.70 1.47 0.00	25.06 1.59 0.00	39.35 2.55 0.00	42.57 2.73 0.00	38.25 2.29 0.00	26.64 1.72 0.00	27.15 1.56 0.00	24.49 1.27 0.00	21.55 1.05 0.00
BRADY___115KV_TB2 356060	19.57 0.08 -2.14	18.35 0.21 0.00	17.26 0.33 0.00	17.79 0.39 0.00	17.56 0.18 0.00	15.68 -0.07 0.00	16.99 -0.08 0.00	19.49 -0.11 0.00	22.20 -0.19 0.00	24.69 -0.25 0.00	25.19 -0.18 0.00	22.25 -0.10 0.00	27.51 -0.08 0.00	29.42 -0.14 0.00	30.50 -0.03 0.00	24.10 -0.13 0.00	23.21 -0.26 0.00	36.17 -0.63 0.00	39.24 -0.60 0.00	35.72 -0.24 0.00	24.60 -0.33 0.00	25.43 -0.15 0.00	23.25 0.03 0.00	20.57 0.07 0.00
BRANSCOMB___SOLAR 323811	18.06 0.71 0.00	18.86 0.72 0.00	17.60 0.67 0.00	18.07 0.68 0.00	18.10 0.72 0.00	16.54 0.79 0.00	39.61 0.99 -21.55	20.75 1.14 0.00	23.64 1.24 0.00	26.20 1.26 0.00	26.59 1.22 0.00	23.26 0.91 0.00	28.84 1.25 0.00	30.88 1.32 0.00	31.85 1.32 0.00	25.52 1.28 0.00	24.66 1.19 0.00	38.93 2.13 0.00	42.08 2.24 0.00	37.81 1.84 0.00	26.34 1.41 0.00	26.92 1.33 0.00	24.35 1.13 0.00	21.40 0.90 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.11 1.61 -0.15	19.68 1.54 0.00	18.39 1.46 0.00	18.84 1.44 0.00	18.91 1.53 0.00	19.55 1.61 -2.19	22.53 1.81 -3.64	22.14 2.09 -0.44	24.70 2.25 -0.05	27.10 2.16 0.00	27.82 2.45 0.00	24.41 2.06 0.00	30.03 2.44 0.00	32.11 2.55 0.00	33.26 2.73 0.00	29.07 2.52 -2.31	30.53 2.59 -4.47	51.92 3.80 -11.32	51.79 3.43 -8.51	43.77 3.35 -4.45	29.23 2.67 -1.64	30.19 2.41 -2.19	25.70 1.93 -0.55	22.08 1.59 0.00

BRISTLHL_115KV_TB1 79998	16.75 -0.60 0.00	17.49 -0.66 0.00	16.26 -0.67 0.00	16.71 -0.69 0.00	16.70 -0.68 0.00	15.22 -0.53 0.00	16.51 -0.55 0.00	19.00 -0.61 0.00	21.75 -0.65 0.00	24.28 -0.65 0.00	24.70 -0.67 0.00	21.74 -0.60 0.00	26.89 -0.70 0.00	28.81 -0.75 0.00	29.80 -0.73 0.00	23.71 -0.52 0.00	22.98 -0.49 0.00	36.12 -0.68 0.00	39.11 -0.73 0.00	35.15 -0.82 0.00	24.30 -0.63 0.00	24.85 -0.73 0.00	22.46 -0.76 0.00	19.84 -0.65 0.00
BROOKHAVEN___DRP 24191	19.11 1.60 -0.15	19.67 1.52 0.00	18.38 1.45 0.00	18.83 1.43 0.00	18.90 1.52 0.00	29.43 1.61 -12.07	31.57 1.77 -12.73	24.07 2.02 -2.45	24.83 2.15 -0.28	26.96 2.02 0.00	27.68 2.31 0.00	24.29 1.95 0.00	29.87 2.28 0.00	31.93 2.37 0.00	33.07 2.55 0.00	28.98 2.43 -2.32	30.43 2.49 -4.47	102.96 3.75 -62.41	90.38 3.57 -46.96	63.74 3.24 -24.53	36.53 2.55 -9.05	39.98 2.32 -12.07	28.12 1.88 -3.02	22.04 1.54 0.00
BROOKLYN_NAVY_YARD 23515	18.39 1.04 0.00	19.10 0.96 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.35 1.74 0.00	24.30 1.90 0.00	26.92 1.99 0.00	27.29 1.92 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.42 1.86 0.00	32.44 1.91 0.00	25.95 1.71 0.00	25.32 1.85 0.00	39.67 2.87 0.00	42.88 3.04 0.00	38.57 2.60 0.00	26.88 1.95 0.00	27.37 1.79 0.00	24.67 1.45 0.00	21.69 1.19 0.00
BROOKLYN___ARMY_DRP 323595	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
BROOKVLE_69_KV_TB1 55790	18.96 1.46 -0.15	19.52 1.37 0.00	18.23 1.29 0.00	18.67 1.27 0.00	18.74 1.36 0.00	17.23 1.48 0.00	20.43 1.73 -1.63	21.62 2.01 0.00	24.53 2.14 0.00	27.09 2.16 0.00	27.78 2.41 0.00	24.36 2.01 0.00	29.94 2.35 0.00	32.00 2.44 0.00	33.13 2.61 0.00	28.84 2.29 -2.31	30.29 2.36 -4.47	40.42 3.62 0.00	43.40 3.55 0.00	39.09 3.12 0.00	27.44 2.51 0.00	27.88 2.30 0.00	25.09 1.87 0.00	22.04 1.54 0.00
BROOME_2_LFGE 323671	17.77 -0.08 -0.50	19.39 -0.07 -1.32	17.80 -0.11 -0.98	17.94 -0.10 -0.64	18.51 -0.07 -1.20	16.48 0.01 -0.72	18.07 0.12 -0.88	19.85 0.24 0.00	23.33 0.35 -0.59	25.98 0.42 -0.63	26.80 0.39 -1.04	23.88 0.30 -1.23	28.05 0.46 0.00	30.07 0.52 0.00	31.05 0.52 0.00	24.71 0.48 0.00	24.43 0.43 -0.53	37.76 0.84 -0.13	40.92 0.82 -0.26	36.55 0.58 0.00	26.01 0.37 -0.71	26.08 0.30 -0.19	23.78 0.18 -0.39	20.68 0.18 0.00
BROOME___LFGE 323600	17.77 -0.08 -0.50	19.39 -0.07 -1.32	17.80 -0.11 -0.98	17.94 -0.10 -0.64	18.51 -0.07 -1.20	16.48 0.01 -0.72	18.07 0.12 -0.88	19.85 0.24 0.00	23.33 0.35 -0.59	25.98 0.42 -0.63	26.80 0.39 -1.04	23.88 0.30 -1.23	28.05 0.46 0.00	30.07 0.52 0.00	31.05 0.52 0.00	24.71 0.48 0.00	24.43 0.43 -0.53	37.76 0.84 -0.13	40.92 0.82 -0.26	36.55 0.58 0.00	26.01 0.37 -0.71	26.08 0.30 -0.19	23.78 0.18 -0.39	20.68 0.18 0.00
BROWNFLS_115KV_TB 3_5 80003	20.10 -0.46 -3.22	17.75 -0.40 0.00	16.56 -0.37 0.00	17.06 -0.34 0.00	16.92 -0.47 0.00	15.17 -0.58 0.00	16.52 -0.56 0.00	18.97 -0.64 0.00	21.63 -0.77 0.00	24.15 -0.79 0.00	24.68 -0.69 0.00	21.90 -0.44 0.00	27.12 -0.48 0.00	29.02 -0.53 0.00	30.01 -0.52 0.00	23.84 -0.40 0.00	23.09 -0.38 0.00	36.22 -0.58 0.00	39.27 -0.57 0.00	35.56 -0.41 0.00	24.45 -0.47 0.00	25.12 -0.46 0.00	22.94 -0.28 0.00	20.26 -0.24 0.00
BROWNSV1_27_KV_LOAD 356125	18.57 1.22 0.00	19.28 1.13 0.00	18.01 1.07 0.00	18.44 1.04 0.00	18.51 1.13 0.00	17.05 1.31 0.00	20.30 1.59 -1.63	21.55 1.94 0.00	24.54 2.14 0.00	27.19 2.26 0.00	27.59 2.23 0.00	24.13 1.78 0.00	29.65 2.06 0.00	31.74 2.19 0.00	32.80 2.27 0.00	26.25 2.01 0.00	25.61 2.14 0.00	40.12 3.32 0.00	43.37 3.52 0.00	38.97 3.01 0.00	27.17 2.24 0.00	27.65 2.07 0.00	24.91 1.69 0.00	21.90 1.40 0.00
BURROWS___LYONSDAL 23803	18.16 -0.09 -0.90	18.08 -0.07 0.00	16.76 -0.17 0.00	17.23 -0.17 0.00	17.25 -0.12 0.00	15.66 -0.09 0.00	17.06 -0.01 0.00	19.60 -0.01 0.00	22.41 0.02 0.00	25.05 0.11 0.00	25.56 0.19 0.00	22.67 0.32 0.00	28.08 0.48 0.00	30.07 0.51 0.00	31.01 0.48 0.00	24.68 0.44 0.00	23.99 0.52 0.00	37.79 0.99 0.00	40.95 1.11 0.00	36.96 0.99 0.00	25.47 0.54 0.00	26.03 0.44 0.00	23.64 0.42 0.00	20.79 0.29 0.00
CAITHNESS_CC_1 323624	19.06 1.56 -0.15	19.63 1.48 0.00	18.35 1.41 0.00	18.79 1.39 0.00	18.86 1.48 0.00	29.12 1.57 -11.81	31.28 1.72 -12.49	23.97 1.97 -2.39	24.77 2.10 -0.28	26.89 1.96 0.00	27.63 2.26 0.00	24.25 1.90 0.00	29.82 2.23 0.00	31.86 2.31 0.00	33.01 2.48 0.00	28.92 2.36 -2.32	30.38 2.44 -4.47	101.50 3.64 -61.06	89.26 3.47 -45.95	63.13 3.16 -24.00	36.27 2.49 -8.85	39.65 2.26 -11.81	28.00 1.83 -2.95	21.99 1.50 0.00
CALPINE BETH_PAGE_GT4 24209	18.86 1.36 -0.15	19.42 1.27 0.00	18.14 1.20 0.00	18.58 1.17 0.00	18.65 1.27 0.00	17.13 1.39 0.00	20.31 1.60 -1.63	21.47 1.86 0.00	24.40 2.00 0.00	26.91 1.97 0.00	27.56 2.19 0.00	24.17 1.83 0.00	29.73 2.13 0.00	31.76 2.20 0.00	32.90 2.38 0.00	28.71 2.16 -2.31	30.11 2.17 -4.47	40.11 3.31 0.00	43.08 3.23 0.00	38.83 2.87 0.00	27.19 2.26 0.00	27.63 2.04 0.00	24.93 1.71 0.00	21.89 1.39 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.86 1.36 -0.15	19.42 1.28 0.00	18.14 1.21 0.00	18.58 1.17 0.00	18.64 1.26 0.00	17.13 1.39 0.00	20.31 1.60 -1.63	21.47 1.86 0.00	24.40 2.00 0.00	26.90 1.96 0.00	27.56 2.19 0.00	24.17 1.83 0.00	29.72 2.13 0.00	31.76 2.20 0.00	32.90 2.37 0.00	28.71 2.16 -2.31	30.11 2.17 -4.47	40.11 3.30 0.00	43.08 3.24 0.00	38.84 2.87 0.00	27.19 2.26 0.00	27.63 2.04 0.00	24.93 1.71 0.00	21.89 1.39 0.00
CALPINE_BP_GT1 23823	18.86 1.36 -0.15	19.42 1.28 0.00	18.14 1.21 0.00	18.58 1.17 0.00	18.64 1.26 0.00	17.13 1.39 0.00	20.31 1.60 -1.63	21.47 1.86 0.00	24.40 2.00 0.00	26.90 1.96 0.00	27.56 2.19 0.00	24.17 1.83 0.00	29.72 2.13 0.00	31.76 2.20 0.00	32.90 2.37 0.00	28.71 2.16 -2.31	30.11 2.17 -4.47	40.11 3.30 0.00	43.08 3.24 0.00	38.84 2.87 0.00	27.19 2.26 0.00	27.63 2.04 0.00	24.93 1.71 0.00	21.89 1.39 0.00
CALSPAN___DRP 24200	16.07 -1.28 0.00	16.97 -1.17 0.00	15.87 -1.06 0.00	16.30 -1.10 0.00	16.34 -1.04 0.00	14.87 -0.88 0.00	16.00 -1.07 0.00	18.38 -1.22 0.00	21.39 -1.00 0.00	24.31 -0.63 0.00	24.86 -0.51 0.00	21.83 -0.51 0.00	27.17 -0.42 0.00	29.15 -0.41 0.00	30.15 -0.37 0.00	23.92 -0.31 0.00	23.04 -0.43 0.00	36.09 -0.71 0.00	39.25 -0.59 0.00	35.12 -0.85 0.00	23.87 -1.06 0.00	24.37 -1.22 0.00	21.86 -1.36 0.00	19.54 -0.95 0.00

CALVERTON___SOLAR 323806	19.16 1.66 -0.15	19.73 1.59 0.00	18.44 1.51 0.00	18.88 1.48 0.00	18.96 1.58 0.00	29.60 1.67 -12.18	31.74 1.84 -12.83	24.17 2.09 -2.47	24.91 2.23 -0.29	27.02 2.08 0.00	27.74 2.37 0.00	24.35 2.00 0.00	29.93 2.34 0.00	31.99 2.44 0.00	33.15 2.62 0.00	29.06 2.50 -2.32	30.51 2.57 -4.47	103.69 3.88 -63.01	90.98 3.73 -47.41	64.10 3.37 -24.77	36.69 2.62 -9.14	40.17 2.40 -12.19	28.21 1.95 -3.05	22.10 1.60 0.00
CANDIGU_WT_PWR 323617	17.14 -0.99 -0.79	19.42 -0.81 -2.08	17.57 -0.91 -1.55	17.54 -0.88 -1.01	18.48 -0.79 -1.89	16.09 -0.79 -1.14	17.18 -0.62 -0.72	19.17 -0.43 0.00	23.12 -0.21 -0.93	25.84 -0.08 -0.99	26.84 -0.17 -1.64	24.20 -0.09 -1.94	27.68 0.09 0.00	29.87 0.32 0.00	30.97 0.44 0.00	24.64 0.40 0.00	24.62 0.31 -0.85	37.67 0.66 -0.20	40.66 0.40 -0.42	36.19 0.22 0.00	26.25 0.17 -1.15	26.12 0.22 -0.31	23.92 0.08 -0.62	20.67 0.17 0.00
CARR STREET_E_SYR 24060	16.91 -0.44 0.00	17.66 -0.48 0.00	16.43 -0.50 0.00	16.89 -0.51 0.00	16.89 -0.49 0.00	15.38 -0.36 0.00	16.70 -0.37 0.00	19.23 -0.38 0.00	22.03 -0.36 0.00	24.61 -0.32 0.00	25.04 -0.33 0.00	22.03 -0.32 0.00	27.26 -0.34 0.00	29.25 -0.30 0.00	30.18 -0.35 0.00	23.98 -0.26 0.00	23.22 -0.25 0.00	36.49 -0.31 0.00	39.47 -0.37 0.00	35.47 -0.50 0.00	24.51 -0.42 0.00	25.08 -0.51 0.00	22.66 -0.56 0.00	20.03 -0.47 0.00
CARTHAGE___PAPER 23857	18.44 -0.38 -1.47	17.77 -0.37 0.00	16.45 -0.49 0.00	16.92 -0.48 0.00	16.91 -0.48 0.00	15.30 -0.45 0.00	16.69 -0.38 0.00	19.16 -0.45 0.00	21.88 -0.51 0.00	24.48 -0.45 0.00	25.01 -0.37 0.00	22.25 -0.09 0.00	27.56 -0.04 0.00	29.57 0.02 0.00	30.58 0.05 0.00	24.39 0.15 0.00	23.75 0.28 0.00	37.46 0.65 0.00	40.60 0.76 0.00	36.59 0.62 0.00	25.10 0.17 0.00	25.67 0.08 0.00	23.31 0.09 0.00	20.51 0.01 0.00
CASSADAGA_WT_PWR 323784	14.47 -1.45 1.43	12.82 -1.55 3.77	13.00 -1.13 2.81	14.37 -1.19 1.83	12.41 -1.54 3.43	12.66 -1.02 2.07	15.98 -0.74 0.34	18.51 -1.09 0.00	19.76 -0.94 1.69	22.54 -0.61 2.98	21.89 -0.50 3.52	18.15 -0.68 0.00	27.16 -0.44 0.00	29.57 0.02 0.00	31.21 0.68 0.00	24.98 0.75 0.00	22.51 0.60 1.56	37.47 1.04 0.37	39.86 0.77 0.75	36.31 0.35 0.00	22.75 -0.14 2.03	24.76 -0.28 0.55	21.69 -0.44 1.09	20.31 -0.19 0.00
CE_DUNWOOD___DRP 24194	18.36 1.01 0.00	19.07 0.93 0.00	17.81 0.88 0.00	18.25 0.85 0.00	18.32 0.93 0.00	16.84 1.09 0.00	20.03 1.33 -1.63	21.22 1.61 0.00	24.15 1.76 0.00	26.76 1.82 0.00	27.18 1.80 0.00	23.76 1.42 0.00	29.22 1.63 0.00	31.27 1.72 0.00	32.30 1.77 0.00	25.85 1.61 0.00	25.19 1.72 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.43 2.46 0.00	26.78 1.86 0.00	27.28 1.69 0.00	24.61 1.39 0.00	21.64 1.14 0.00
CE_MILLWOOD___DRP 24193	18.34 0.99 0.00	19.05 0.90 0.00	17.79 0.86 0.00	18.23 0.83 0.00	18.30 0.92 0.00	16.82 1.07 0.00	20.00 1.31 -1.62	21.18 1.58 0.00	24.12 1.72 0.00	26.72 1.78 0.00	27.13 1.76 0.00	23.72 1.37 0.00	29.17 1.58 0.00	31.22 1.66 0.00	32.26 1.73 0.00	25.80 1.57 0.00	25.14 1.68 0.00	39.49 2.69 0.00	42.71 2.86 0.00	38.38 2.41 0.00	26.74 1.81 0.00	27.25 1.66 0.00	24.57 1.35 0.00	21.61 1.11 0.00
CE_NYC2_DRP 24202	18.44 1.09 0.00	19.14 1.00 0.00	17.90 0.96 0.00	18.32 0.91 0.00	18.40 1.02 0.00	16.95 1.20 0.00	20.17 1.47 -1.63	21.41 1.81 0.00	24.37 1.98 0.00	27.01 2.07 0.00	27.39 2.02 0.00	23.95 1.60 -0.01	29.44 1.84 0.00	31.55 1.98 -0.01	32.58 2.05 0.00	26.05 1.82 0.00	25.40 1.93 0.00	39.76 2.96 0.00	42.99 3.15 0.00	38.69 2.72 0.00	34.55 1.99 -7.63	40.08 1.79 -12.71	28.56 1.47 -3.87	21.73 1.24 0.00
CE_NYC_DRP 24195	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.91 1.16 0.00	20.13 1.42 -1.63	21.35 1.74 0.00	24.30 1.91 0.00	26.93 1.99 0.00	27.32 1.95 0.00	23.89 1.55 0.00	29.36 1.77 0.00	31.43 1.87 0.00	32.47 1.94 0.00	25.98 1.74 0.00	25.34 1.87 0.00	39.69 2.89 0.00	42.89 3.05 0.00	38.57 2.60 0.00	26.89 1.96 0.00	27.37 1.79 0.00	24.67 1.45 0.00	21.69 1.19 0.00
CHAFFEE___LFGE 323603	14.80 -1.20 1.35	13.47 -1.11 3.56	13.25 -1.03 2.65	14.64 -1.03 1.73	13.15 -0.99 3.24	12.97 -0.82 1.96	15.75 -0.99 0.33	18.48 -1.12 0.00	19.90 -0.90 1.60	22.71 -0.53 1.70	22.15 -0.41 2.82	18.62 -0.40 3.33	27.25 -0.34 0.00	29.23 -0.32 0.00	30.23 -0.30 0.00	23.99 -0.25 0.00	21.63 -0.37 1.47	35.83 -0.62 0.35	38.61 -0.51 0.73	35.18 -0.79 0.00	21.96 -0.99 1.97	23.90 -1.16 0.53	20.84 -1.31 1.06	19.58 -0.92 0.00
CHATEAUG_35_KV_LOAD 355732	-16.83 -0.51 33.67	17.95 -0.19 0.00	16.93 0.00 0.00	17.60 0.20 0.00	17.28 -0.09 0.00	15.29 -0.45 0.00	17.12 0.04 0.00	19.88 0.28 0.00	22.47 0.08 0.00	24.96 0.02 0.00	25.67 0.29 0.00	22.58 0.24 0.00	27.83 0.23 0.00	29.62 0.07 0.00	30.81 0.28 0.00	24.64 0.41 0.00	23.74 0.27 0.00	36.62 -0.19 0.00	39.54 -0.30 0.00	36.19 0.22 0.00	25.06 0.14 0.00	25.78 0.20 0.00	23.43 0.21 0.00	20.83 0.34 0.00
CHATEAUG_WT_PWR 323614	-14.66 -0.64 31.37	17.85 -0.30 0.00	16.83 -0.10 0.00	17.51 0.11 0.00	17.20 -0.18 0.00	15.20 -0.55 0.00	17.07 0.00 0.00	19.84 0.23 0.00	22.41 0.02 0.00	24.91 -0.03 0.00	25.62 0.25 0.00	22.57 0.23 0.00	27.82 0.22 0.00	29.60 0.04 0.00	30.78 0.25 0.00	24.64 0.40 0.00	23.74 0.27 0.00	36.62 -0.18 0.00	39.46 -0.38 0.00	36.10 0.13 0.00	25.04 0.11 0.00	25.74 0.15 0.00	23.36 0.14 0.00	20.80 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	-16.83 -0.51 33.67	17.95 -0.19 0.00	16.93 0.00 0.00	17.60 0.20 0.00	17.28 -0.09 0.00	15.29 -0.45 0.00	17.12 0.04 0.00	19.88 0.28 0.00	22.47 0.08 0.00	24.96 0.02 0.00	25.67 0.29 0.00	22.58 0.24 0.00	27.83 0.23 0.00	29.62 0.07 0.00	30.81 0.28 0.00	24.64 0.41 0.00	23.74 0.27 0.00	36.62 -0.19 0.00	39.54 -0.30 0.00	36.19 0.22 0.00	25.06 0.14 0.00	25.78 0.20 0.00	23.43 0.21 0.00	20.83 0.34 0.00
CHAUTAUQUA___LFGE 323629	14.56 -1.37 1.42	13.01 -1.40 3.74	12.97 -1.18 2.78	14.39 -1.19 1.82	12.66 -1.33 3.40	12.70 -1.00 2.05	15.84 -0.89 0.34	18.58 -1.03 0.00	19.82 -0.90 1.68	22.50 -0.66 1.78	21.83 -0.59 2.96	18.17 -0.69 3.49	27.07 -0.52 0.00	29.28 -0.27 0.00	30.75 0.22 0.00	24.53 0.29 0.00	22.01 0.08 1.54	36.77 0.34 0.37	39.09 -0.01 0.74	35.63 -0.34 0.00	22.32 -0.61 2.00	24.29 -0.76 0.54	21.24 -0.90 1.08	19.92 -0.58 0.00
CHERRYST_13_KV_LD 356241	18.44 1.09 0.00	19.15 1.01 0.00	17.89 0.96 0.00	18.33 0.92 0.00	18.40 1.02 0.00	16.95 1.20 0.00	20.18 1.48 -1.63	21.41 1.81 0.00	24.38 1.98 0.00	27.02 2.08 0.00	27.42 2.05 0.00	23.98 1.63 0.00	29.46 1.87 0.00	31.54 1.98 0.00	32.59 2.06 0.00	26.07 1.83 0.00	25.44 1.97 0.00	39.83 3.03 0.00	43.03 3.19 0.00	38.68 2.72 0.00	26.96 2.04 0.00	27.45 1.86 0.00	24.73 1.51 0.00	21.75 1.25 0.00

CHESTROR_138KV_BK263 355645	18.17 0.82 0.00	18.89 0.74 0.00	17.64 0.71 0.00	18.09 0.69 0.00	18.14 0.76 0.00	16.64 0.90 0.00	19.70 1.11 -1.52	20.95 1.34 0.00	23.86 1.46 0.00	26.45 1.51 0.00	26.83 1.46 0.00	23.45 1.11 0.00	28.88 1.28 0.00	30.92 1.36 0.00	31.93 1.41 0.00	25.52 1.28 0.00	24.87 1.40 0.00	39.10 2.29 0.00	42.31 2.47 0.00	38.02 2.05 0.00	26.47 1.54 0.00	26.99 1.41 0.00	24.36 1.14 0.00	21.44 0.95 0.00
CH_MIDHUDSON___DRP 24192	18.29 0.94 0.00	19.04 0.89 0.00	18.04 1.10 0.00	18.49 1.09 0.00	18.55 1.17 0.00	17.03 1.28 0.00	20.40 1.55 -1.77	21.47 1.87 0.00	24.46 2.07 0.00	27.10 2.17 0.00	27.47 2.10 0.00	24.00 1.65 0.00	29.57 1.98 0.00	31.59 2.03 0.00	32.60 2.07 0.00	26.13 1.90 0.00	25.46 1.99 0.00	40.12 3.31 0.00	43.44 3.60 0.00	39.03 3.06 0.00	27.17 2.24 0.00	27.68 2.10 0.00	24.96 1.74 0.00	21.93 1.44 0.00
CH_MISC_IPPS 23765	18.40 1.05 0.00	19.14 0.99 0.00	17.99 1.07 0.00	18.45 1.05 0.00	18.51 1.13 0.00	16.99 1.25 0.00	20.31 1.51 -1.72	21.43 1.82 0.00	24.41 2.02 0.00	27.05 2.11 0.00	27.42 2.05 0.00	23.95 1.61 0.00	29.51 1.91 0.00	31.54 1.98 0.00	32.56 2.03 0.00	26.09 1.85 0.00	25.42 1.96 0.00	40.04 3.25 0.00	43.36 3.52 0.00	38.96 2.99 0.00	27.12 2.19 0.00	27.62 2.04 0.00	24.90 1.68 0.00	21.89 1.40 0.00
CH_RES_BVR_FALLS 23983	16.91 -0.44 0.00	17.77 -0.37 0.00	16.61 -0.32 0.00	17.09 -0.31 0.00	17.01 -0.37 0.00	15.28 -0.46 0.00	16.55 -0.52 0.00	19.01 -0.59 0.00	21.71 -0.68 0.00	24.21 -0.73 0.00	24.77 -0.60 0.00	21.97 -0.37 0.00	27.19 -0.41 0.00	29.06 -0.49 0.00	29.97 -0.56 0.00	23.77 -0.47 0.00	22.93 -0.54 0.00	35.86 -0.94 0.00	38.88 -0.96 0.00	35.33 -0.63 0.00	24.39 -0.54 0.00	25.10 -0.48 0.00	22.90 -0.32 0.00	20.27 -0.23 0.00
CH_RES_NIAGARA 23895	14.43 -1.81 1.11	13.54 -1.68 2.92	13.19 -1.57 2.18	14.39 -1.59 1.42	13.21 -1.51 2.66	12.83 -1.31 1.61	15.18 -1.63 0.27	17.59 -2.02 0.00	19.21 -1.88 1.31	21.90 -1.65 1.39	21.54 -1.52 2.31	18.27 -1.35 2.73	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	20.73 -1.53 1.21	33.97 -2.55 0.29	36.72 -2.52 0.60	33.37 -2.60 0.00	21.07 -2.24 1.62	22.66 -2.49 0.44	19.85 -2.50 0.87	18.58 -1.92 0.00
CH_RES_SYRACUSE 23985	16.98 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.45 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.78 -0.29 0.00	19.29 -0.32 0.00	22.10 -0.29 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.50 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.85 -0.37 0.00	20.20 -0.30 0.00
CLINTON_WT_PWR 323605	-14.66 -0.64 31.37	17.85 -0.30 0.00	16.83 -0.10 0.00	17.51 0.11 0.00	17.20 -0.18 0.00	15.20 -0.55 0.00	17.07 0.00 0.00	19.84 0.23 0.00	22.41 0.02 0.00	24.91 -0.03 0.00	25.62 0.25 0.00	22.57 0.23 0.00	27.82 0.22 0.00	29.60 0.04 0.00	30.78 0.25 0.00	24.64 0.40 0.00	23.74 0.27 0.00	36.62 -0.18 0.00	39.46 -0.38 0.00	36.10 0.13 0.00	25.04 0.11 0.00	25.74 0.15 0.00	23.36 0.14 0.00	20.80 0.30 0.00
CLINTON___LFGE 323618	-15.00 -0.38 31.97	18.11 -0.04 0.00	17.07 0.14 0.00	17.76 0.36 0.00	17.48 0.10 0.00	15.45 -0.30 0.00	17.31 0.23 0.00	20.20 0.60 0.00	22.81 0.42 0.00	25.33 0.40 0.00	26.09 0.72 0.00	22.96 0.61 0.00	28.27 0.67 0.00	30.07 0.52 0.00	31.26 0.73 0.00	25.08 0.85 0.00	24.16 0.69 0.00	37.31 0.51 0.00	40.13 0.29 0.00	36.70 0.73 0.00	25.47 0.54 0.00	26.14 0.55 0.00	23.69 0.47 0.00	21.12 0.63 0.00
COBBLENY_34_KV_TB1 80064	16.15 -1.21 0.00	17.05 -1.10 0.00	15.93 -1.00 0.00	16.37 -1.03 0.00	16.41 -0.97 0.00	14.93 -0.82 0.00	16.08 -1.00 0.00	18.48 -1.12 0.00	21.50 -0.90 0.00	24.40 -0.53 0.00	24.96 -0.41 0.00	21.93 -0.41 0.00	27.25 -0.34 0.00	29.23 -0.32 0.00	30.23 -0.29 0.00	23.98 -0.25 0.00	23.10 -0.37 0.00	36.19 -0.61 0.00	39.34 -0.51 0.00	35.19 -0.78 0.00	23.94 -0.99 0.00	24.44 -1.15 0.00	21.91 -1.31 0.00	19.58 -0.92 0.00
COFFEEN___115KV_TB3 355620	18.17 -0.40 -1.22	17.70 -0.45 0.00	16.35 -0.58 0.00	16.81 -0.59 0.00	16.82 -0.56 0.00	15.28 -0.47 0.00	16.76 -0.32 0.00	19.31 -0.30 0.00	22.02 -0.37 0.00	24.61 -0.33 0.00	25.07 -0.30 0.00	22.27 -0.07 0.00	27.56 -0.03 0.00	29.67 0.12 0.00	30.78 0.25 0.00	24.58 0.34 0.00	24.00 0.53 0.00	37.96 1.16 0.00	41.17 1.33 0.00	36.91 0.94 0.00	25.13 0.20 0.00	25.67 0.09 0.00	23.22 0.00 0.00	20.42 -0.08 0.00
COLDSPRG_115KV_BK1 355956	16.68 -0.67 0.00	17.50 -0.64 0.00	16.46 -0.47 0.00	16.88 -0.52 0.00	16.73 -0.65 0.00	15.37 -0.38 0.00	16.82 -0.25 0.00	19.31 -0.30 0.00	22.37 -0.03 0.00	25.32 0.38 0.00	25.90 0.53 0.00	22.69 0.34 0.00	28.36 0.76 0.00	30.62 1.07 0.00	31.92 1.39 0.00	25.43 1.19 0.00	24.50 1.03 0.00	38.36 1.56 0.00	41.37 1.53 0.00	36.95 0.98 0.00	25.25 0.32 0.00	25.84 0.26 0.00	23.22 0.00 0.00	20.68 0.18 0.00
COLONIE_LFGE___ 323577	18.05 0.70 0.00	18.85 0.71 0.00	17.60 0.67 0.00	18.06 0.66 0.00	18.09 0.71 0.00	16.52 0.78 0.00	40.91 0.94 -22.90	20.70 1.09 0.00	23.60 1.21 0.00	26.21 1.27 0.00	26.55 1.18 0.00	23.27 0.92 0.00	28.76 1.17 0.00	30.71 1.16 0.00	31.63 1.10 0.00	25.30 1.07 0.00	24.46 0.99 0.00	38.60 1.80 0.00	41.75 1.91 0.00	37.52 1.56 0.00	26.19 1.26 0.00	26.78 1.19 0.00	24.28 1.07 0.00	21.36 0.86 0.00
COOPERNY_115KV_TB1 80082	17.94 0.59 0.00	18.68 0.53 0.00	17.44 0.51 0.00	17.89 0.48 0.00	17.93 0.55 0.00	16.41 0.66 0.00	19.16 0.83 -1.27	20.61 1.00 0.00	23.49 1.10 0.00	26.08 1.14 0.00	26.48 1.11 0.00	23.19 0.85 0.00	28.56 0.97 0.00	30.58 1.02 0.00	31.57 1.04 0.00	25.20 0.97 0.00	24.52 1.05 0.00	38.53 1.73 0.00	41.70 1.86 0.00	37.51 1.54 0.00	26.09 1.16 0.00	26.64 1.06 0.00	24.07 0.85 0.00	21.20 0.70 0.00
COPENHAGEN_WT_PWR 323753	17.80 -0.70 -1.16	17.38 -0.77 0.00	16.03 -0.90 0.00	16.48 -0.93 0.00	16.49 -0.90 0.00	14.97 -0.77 0.00	16.32 -0.75 0.00	18.74 -0.87 0.00	21.43 -0.96 0.00	23.96 -0.97 0.00	24.53 -0.84 0.00	21.89 -0.46 0.00	27.12 -0.47 0.00	29.06 -0.49 0.00	30.05 -0.48 0.00	23.98 -0.26 0.00	23.40 -0.07 0.00	37.02 0.22 0.00	40.10 0.26 0.00	36.03 0.06 0.00	24.70 -0.22 0.00	25.25 -0.33 0.00	22.87 -0.35 0.00	20.13 -0.37 0.00
CORNELL_____ 23752	17.41 0.06 0.00	18.22 0.07 0.00	16.95 0.02 0.00	17.43 0.03 0.00	17.46 0.08 0.00	15.89 0.14 0.00	17.88 0.28 -0.54	20.01 0.40 0.00	22.95 0.55 0.00	25.61 0.68 0.00	26.03 0.66 0.00	22.86 0.52 0.00	28.34 0.75 0.00	30.48 0.93 0.00	31.48 0.95 0.00	25.00 0.77 0.00	24.23 0.76 0.00	38.10 1.30 0.00	41.21 1.37 0.00	37.02 1.05 0.00	25.58 0.65 0.00	26.15 0.56 0.00	23.61 0.39 0.00	20.87 0.37 0.00

CORONA V_69_KV_TB1 355595	18.89 1.39 -0.15	19.44 1.30 0.00	18.15 1.22 0.00	18.59 1.19 0.00	18.66 1.28 0.00	17.15 1.40 0.00	20.34 1.63 -1.63	21.49 1.88 0.00	24.43 2.04 0.00	26.98 2.04 0.00	27.60 2.22 0.00	24.22 1.88 0.00	29.78 2.19 0.00	31.81 2.25 0.00	32.92 2.39 0.00	28.70 2.15 -2.31	30.19 2.25 -4.47	40.23 3.43 0.00	43.33 3.49 0.00	39.02 3.05 0.00	27.29 2.36 0.00	27.74 2.15 0.00	24.97 1.76 0.00	21.94 1.45 0.00
CORTLAND_115KV_TB3 80093	17.33 -0.02 0.00	18.12 -0.03 0.00	16.86 -0.07 0.00	17.34 -0.06 0.00	17.35 -0.03 0.00	15.81 0.06 0.00	17.63 0.15 -0.40	19.86 0.25 0.00	22.75 0.36 0.00	25.37 0.43 0.00	25.79 0.42 0.00	22.67 0.32 0.00	28.07 0.48 0.00	30.14 0.59 0.00	31.10 0.57 0.00	24.71 0.48 0.00	23.94 0.46 0.00	37.67 0.87 0.00	40.76 0.92 0.00	36.67 0.70 0.00	25.36 0.43 0.00	25.92 0.34 0.00	23.44 0.22 0.00	20.70 0.20 0.00
COXSACKIE___GT 23611	18.64 1.29 0.00	19.46 1.31 0.00	18.13 1.20 0.00	18.63 1.23 0.00	18.64 1.26 0.00	17.05 1.30 0.00	23.92 1.56 -5.30	21.40 1.79 0.00	24.24 1.85 0.00	26.77 1.83 0.00	26.70 1.32 0.00	23.40 1.06 0.00	29.40 1.81 0.00	31.59 2.03 0.00	32.46 1.93 0.00	26.14 1.90 0.00	25.49 2.02 0.00	40.43 3.63 0.00	43.81 3.97 0.00	39.23 3.27 0.00	27.16 2.24 0.00	27.78 2.20 0.00	25.26 2.04 0.00	22.18 1.68 0.00
CPV_VALLEY___CC1 323721	18.02 0.67 0.00	18.74 0.60 0.00	17.50 0.57 0.00	17.95 0.54 0.00	18.00 0.62 0.00	16.50 0.75 0.00	19.42 0.94 -1.41	20.75 1.14 0.00	23.65 1.25 0.00	26.21 1.28 0.00	26.62 1.25 0.00	23.28 0.93 0.00	28.66 1.07 0.00	30.68 1.13 0.00	31.69 1.16 0.00	25.32 1.09 0.00	24.64 1.18 0.00	38.73 1.93 0.00	41.91 2.07 0.00	37.68 1.71 0.00	26.22 1.30 0.00	26.76 1.17 0.00	24.16 0.94 0.00	21.28 0.78 0.00
CPV_VALLEY___CC2 323722	18.02 0.67 0.00	18.74 0.60 0.00	17.50 0.57 0.00	17.95 0.54 0.00	18.00 0.62 0.00	16.50 0.75 0.00	19.42 0.94 -1.41	20.75 1.14 0.00	23.65 1.25 0.00	26.21 1.28 0.00	26.62 1.25 0.00	23.28 0.93 0.00	28.66 1.07 0.00	30.68 1.13 0.00	31.69 1.16 0.00	25.32 1.09 0.00	24.64 1.18 0.00	38.73 1.93 0.00	41.91 2.07 0.00	37.68 1.71 0.00	26.22 1.30 0.00	26.76 1.17 0.00	24.16 0.94 0.00	21.28 0.78 0.00
CRESCENT___HYD 24018	18.05 0.70 0.00	18.85 0.71 0.00	17.60 0.67 0.00	18.06 0.66 0.00	18.09 0.71 0.00	16.52 0.78 0.00	40.91 0.94 -22.90	20.70 1.09 0.00	23.60 1.21 0.00	26.21 1.27 0.00	26.55 1.18 0.00	23.27 0.92 0.00	28.76 1.17 0.00	30.71 1.16 0.00	31.63 1.10 0.00	25.30 1.07 0.00	24.46 0.99 0.00	38.60 1.80 0.00	41.75 1.91 0.00	37.52 1.56 0.00	26.19 1.26 0.00	26.78 1.19 0.00	24.28 1.07 0.00	21.36 0.86 0.00
CRICKET___VALLEY_CC1 323756	18.18 0.83 0.00	18.90 0.76 0.00	17.64 0.71 0.00	18.08 0.68 0.00	18.13 0.75 0.00	16.62 0.88 0.00	20.60 1.10 -2.43	20.95 1.34 0.00	23.90 1.51 0.00	26.50 1.56 0.00	26.93 1.56 0.00	23.52 1.17 0.00	28.91 1.32 0.00	30.88 1.32 0.00	31.82 1.29 0.00	25.57 1.34 0.00	24.75 1.28 0.00	39.02 2.22 0.00	42.25 2.41 0.00	37.97 2.00 0.00	26.47 1.55 0.00	27.00 1.41 0.00	24.43 1.21 0.00	21.50 1.00 0.00
CRICKET___VALLEY_CC2 323757	18.18 0.83 0.00	18.90 0.76 0.00	17.64 0.71 0.00	18.08 0.68 0.00	18.13 0.75 0.00	16.62 0.88 0.00	20.60 1.10 -2.43	20.95 1.34 0.00	23.90 1.51 0.00	26.50 1.56 0.00	26.93 1.56 0.00	23.52 1.17 0.00	28.91 1.32 0.00	30.88 1.32 0.00	31.82 1.29 0.00	25.57 1.34 0.00	24.75 1.28 0.00	39.02 2.22 0.00	42.25 2.41 0.00	37.97 2.00 0.00	26.47 1.55 0.00	27.00 1.41 0.00	24.43 1.21 0.00	21.50 1.00 0.00
CRICKET___VALLEY_CC3 323758	18.18 0.83 0.00	18.90 0.76 0.00	17.64 0.71 0.00	18.08 0.68 0.00	18.13 0.75 0.00	16.62 0.88 0.00	20.60 1.10 -2.43	20.95 1.34 0.00	23.90 1.51 0.00	26.50 1.56 0.00	26.93 1.56 0.00	23.52 1.17 0.00	28.91 1.32 0.00	30.88 1.32 0.00	31.82 1.29 0.00	25.57 1.34 0.00	24.75 1.28 0.00	39.02 2.22 0.00	42.25 2.41 0.00	37.97 2.00 0.00	26.47 1.55 0.00	27.00 1.41 0.00	24.43 1.21 0.00	21.50 1.00 0.00
CRUCIBLE_METL_DRP 24180	16.99 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.77 -0.30 0.00	19.29 -0.32 0.00	22.10 -0.30 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.51 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.86 -0.37 0.00	20.20 -0.29 0.00
DAHOWA___HYDRO 323763	18.07 0.72 0.00	18.86 0.72 0.00	17.61 0.67 0.00	18.09 0.69 0.00	18.11 0.72 0.00	16.55 0.80 0.00	39.31 1.03 -21.21	20.78 1.18 0.00	23.68 1.29 0.00	26.26 1.32 0.00	26.65 1.28 0.00	23.28 0.93 0.00	28.89 1.30 0.00	30.92 1.37 0.00	31.92 1.40 0.00	25.59 1.35 0.00	24.72 1.25 0.00	39.04 2.24 0.00	42.19 2.35 0.00	37.89 1.92 0.00	26.39 1.46 0.00	26.97 1.39 0.00	24.38 1.16 0.00	21.41 0.91 0.00
DANC___LFGE 323619	17.50 -0.65 -0.80	17.43 -0.71 0.00	16.13 -0.80 0.00	16.58 -0.82 0.00	16.59 -0.79 0.00	15.09 -0.66 0.00	16.41 -0.66 0.00	18.84 -0.76 0.00	21.56 -0.84 0.00	24.12 -0.82 0.00	24.62 -0.76 0.00	21.83 -0.52 0.00	27.03 -0.56 0.00	28.98 -0.58 0.00	29.96 -0.57 0.00	23.88 -0.36 0.00	23.23 -0.24 0.00	36.64 -0.16 0.00	39.69 -0.15 0.00	35.68 -0.29 0.00	24.56 -0.37 0.00	25.11 -0.48 0.00	22.72 -0.50 0.00	20.03 -0.47 0.00
DANSKAMMER___1 23586	18.40 1.05 0.00	19.14 0.99 0.00	17.99 1.07 0.00	18.45 1.05 0.00	18.51 1.13 0.00	16.99 1.25 0.00	20.31 1.51 -1.72	21.43 1.82 0.00	24.41 2.02 0.00	27.05 2.11 0.00	27.42 2.05 0.00	23.95 1.61 0.00	29.51 1.91 0.00	31.54 1.98 0.00	32.56 2.03 0.00	26.09 1.85 0.00	25.42 1.96 0.00	40.04 3.25 0.00	43.36 3.52 0.00	38.96 2.99 0.00	27.12 2.19 0.00	27.62 2.04 0.00	24.90 1.68 0.00	21.89 1.40 0.00
DANSKAMMER___2 23589	18.40 1.05 0.00	19.14 0.99 0.00	17.99 1.07 0.00	18.45 1.05 0.00	18.51 1.13 0.00	16.99 1.25 0.00	20.31 1.51 -1.72	21.43 1.82 0.00	24.41 2.02 0.00	27.05 2.11 0.00	27.42 2.05 0.00	23.95 1.61 0.00	29.51 1.91 0.00	31.54 1.98 0.00	32.56 2.03 0.00	26.09 1.85 0.00	25.42 1.96 0.00	40.04 3.25 0.00	43.36 3.52 0.00	38.96 2.99 0.00	27.12 2.19 0.00	27.62 2.04 0.00	24.90 1.68 0.00	21.89 1.40 0.00
DANSKAMMER___3 23590	18.40 1.05 0.00	19.14 0.99 0.00	17.99 1.07 0.00	18.45 1.05 0.00	18.51 1.13 0.00	16.99 1.25 0.00	20.31 1.51 -1.72	21.43 1.82 0.00	24.41 2.02 0.00	27.05 2.11 0.00	27.42 2.05 0.00	23.95 1.61 0.00	29.51 1.91 0.00	31.54 1.98 0.00	32.56 2.03 0.00	26.09 1.85 0.00	25.42 1.96 0.00	40.04 3.25 0.00	43.36 3.52 0.00	38.96 2.99 0.00	27.12 2.19 0.00	27.62 2.04 0.00	24.90 1.68 0.00	21.89 1.40 0.00

DANSKAMMER___4 23591	18.40 1.05 0.00	19.14 0.99 0.00	17.99 1.07 0.00	18.45 1.05 0.00	18.51 1.13 0.00	16.99 1.25 0.00	20.31 1.51 -1.72	21.43 1.82 0.00	24.41 2.02 0.00	27.05 2.11 0.00	27.42 2.05 0.00	23.95 1.61 0.00	29.51 1.91 0.00	31.54 1.98 0.00	32.56 2.03 0.00	26.09 1.85 0.00	25.42 1.96 0.00	40.04 3.25 0.00	43.36 3.52 0.00	38.96 2.99 0.00	27.12 2.19 0.00	27.62 2.04 0.00	24.90 1.68 0.00	21.89 1.40 0.00
DANSKAMMER___DIESEL 23592	18.40 1.05 0.00	19.14 0.99 0.00	17.99 1.06 0.00	18.45 1.05 0.00	18.51 1.13 0.00	16.99 1.25 0.00	20.31 1.52 -1.72	21.43 1.82 0.00	24.41 2.02 0.00	27.05 2.11 0.00	27.42 2.05 0.00	23.95 1.61 0.00	29.51 1.91 0.00	31.54 1.98 0.00	32.56 2.03 0.00	26.08 1.85 0.00	25.43 1.96 0.00	40.05 3.24 0.00	43.36 3.52 0.00	38.96 2.99 0.00	27.12 2.19 0.00	27.62 2.04 0.00	24.91 1.69 0.00	21.89 1.39 0.00
DARBY___SOLAR 323810	18.04 0.69 0.00	18.84 0.69 0.00	17.58 0.65 0.00	18.05 0.65 0.00	18.08 0.70 0.00	16.52 0.77 0.00	39.58 0.98 -21.53	20.73 1.12 0.00	23.62 1.22 0.00	26.18 1.25 0.00	26.58 1.21 0.00	23.23 0.89 0.00	28.82 1.23 0.00	30.85 1.30 0.00	31.83 1.30 0.00	25.50 1.27 0.00	24.65 1.18 0.00	38.92 2.12 0.00	42.06 2.22 0.00	37.78 1.81 0.00	26.31 1.39 0.00	26.90 1.31 0.00	24.33 1.11 0.00	21.38 0.88 0.00
DASHVILLE___HYD 23610	18.23 0.89 0.00	18.95 0.81 0.00	17.78 0.84 0.00	18.23 0.82 0.00	18.28 0.90 0.00	16.79 1.04 0.00	21.13 1.29 -2.77	21.18 1.57 0.00	24.13 1.74 0.00	26.74 1.80 0.00	27.15 1.77 0.00	23.68 1.33 0.00	29.17 1.58 0.00	31.20 1.64 0.00	32.18 1.65 0.00	25.77 1.53 0.00	25.15 1.68 0.00	39.60 2.80 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.84 1.91 0.00	27.34 1.75 0.00	24.63 1.41 0.00	21.65 1.16 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.46 1.96 -0.15	20.04 1.90 0.00	18.73 1.80 0.00	19.19 1.79 0.00	19.27 1.89 0.00	30.04 1.96 -12.33	32.21 2.18 -12.96	24.59 2.49 -2.50	25.34 2.66 -0.29	27.45 2.52 0.00	28.17 2.79 0.00	24.71 2.36 0.00	30.35 2.75 0.00	32.46 2.90 0.00	33.65 3.12 0.00	29.44 2.89 -2.32	30.91 2.97 -4.47	105.09 4.53 -63.76	92.23 4.42 -47.98	64.98 3.95 -25.06	37.18 3.00 -9.24	40.68 2.76 -12.33	28.56 2.26 -3.08	22.33 1.83 0.00
DELAWARE___LFGE 323621	17.80 0.45 0.00	18.59 0.45 0.00	17.33 0.40 0.00	17.80 0.40 0.00	17.84 0.46 0.00	16.25 0.50 0.00	19.97 0.64 -2.26	20.41 0.80 0.00	23.34 0.95 0.00	25.97 1.03 0.00	26.40 1.03 0.00	23.16 0.82 0.00	28.61 1.01 0.00	30.66 1.10 0.00	31.66 1.13 0.00	25.22 0.98 0.00	24.50 1.02 0.00	38.47 1.67 0.00	41.62 1.78 0.00	37.45 1.48 0.00	25.95 1.03 0.00	26.55 0.96 0.00	24.02 0.80 0.00	21.19 0.69 0.00
DERFIELD_115KV_TB7 355931	17.45 0.10 0.00	18.22 0.07 0.00	16.99 0.06 0.00	17.45 0.05 0.00	17.45 0.07 0.00	15.86 0.12 0.00	17.23 0.16 0.00	19.79 0.18 0.00	22.59 0.20 0.00	25.14 0.20 0.00	25.55 0.18 0.00	22.48 0.13 0.00	27.76 0.17 0.00	29.73 0.18 0.00	30.68 0.15 0.00	24.41 0.17 0.00	23.68 0.21 0.00	37.21 0.40 0.00	40.27 0.43 0.00	36.30 0.33 0.00	25.19 0.26 0.00	25.81 0.22 0.00	23.41 0.19 0.00	20.66 0.16 0.00
DOGLEVILLE___HYD 23807	17.63 0.28 0.00	18.30 0.15 0.00	17.07 0.14 0.00	17.54 0.14 0.00	17.59 0.20 0.00	16.12 0.37 0.00	17.61 0.54 0.00	20.29 0.69 0.00	23.07 0.67 0.00	25.47 0.53 0.00	25.83 0.45 0.00	22.59 0.25 0.00	28.03 0.43 0.00	30.01 0.45 0.00	30.94 0.41 0.00	24.79 0.56 0.00	24.04 0.57 0.00	38.15 1.35 0.00	41.16 1.32 0.00	36.86 0.89 0.00	25.84 0.92 0.00	26.40 0.82 0.00	23.90 0.68 0.00	21.02 0.53 0.00
DUNKIRK___115KV_TB_200 55889	16.00 -1.35 0.00	16.79 -1.36 0.00	15.78 -1.15 0.00	16.21 -1.19 0.00	16.10 -1.28 0.00	14.77 -0.97 0.00	16.18 -0.89 0.00	18.59 -1.02 0.00	21.51 -0.88 0.00	24.28 -0.65 0.00	24.78 -0.59 0.00	21.66 -0.68 0.00	27.09 -0.51 0.00	29.27 -0.29 0.00	30.69 0.16 0.00	24.47 0.23 0.00	23.49 0.02 0.00	37.04 0.23 0.00	39.73 -0.11 0.00	35.54 -0.43 0.00	24.25 -0.68 0.00	24.77 -0.81 0.00	22.26 -0.96 0.00	19.87 -0.63 0.00
DUNKIRK___1 23563	16.00 -1.35 0.00	16.79 -1.36 0.00	15.78 -1.15 0.00	16.21 -1.19 0.00	16.10 -1.28 0.00	14.77 -0.97 0.00	16.18 -0.89 0.00	18.59 -1.02 0.00	21.51 -0.88 0.00	24.28 -0.65 0.00	24.78 -0.59 0.00	21.66 -0.68 0.00	27.09 -0.51 0.00	29.27 -0.29 0.00	30.69 0.16 0.00	24.47 0.23 0.00	23.49 0.02 0.00	37.04 0.23 0.00	39.73 -0.11 0.00	35.54 -0.43 0.00	24.25 -0.68 0.00	24.77 -0.81 0.00	22.26 -0.96 0.00	19.87 -0.63 0.00
DUNKIRK___2 23564	16.00 -1.35 0.00	16.79 -1.36 0.00	15.78 -1.15 0.00	16.21 -1.19 0.00	16.10 -1.28 0.00	14.77 -0.97 0.00	16.18 -0.89 0.00	18.59 -1.02 0.00	21.51 -0.88 0.00	24.28 -0.65 0.00	24.78 -0.59 0.00	21.66 -0.68 0.00	27.09 -0.51 0.00	29.27 -0.29 0.00	30.69 0.16 0.00	24.47 0.23 0.00	23.49 0.02 0.00	37.04 0.23 0.00	39.73 -0.11 0.00	35.54 -0.43 0.00	24.25 -0.68 0.00	24.77 -0.81 0.00	22.26 -0.96 0.00	19.87 -0.63 0.00
DUNKIRK___3 23565	16.05 -1.30 0.00	16.86 -1.29 0.00	15.81 -1.12 0.00	16.25 -1.15 0.00	16.17 -1.21 0.00	14.80 -0.95 0.00	16.15 -0.92 0.00	18.57 -1.04 0.00	21.50 -0.90 0.00	24.28 -0.66 0.00	24.79 -0.58 0.00	21.70 -0.64 0.00	27.10 -0.49 0.00	29.22 -0.34 0.00	30.53 0.00 0.00	24.31 0.07 0.00	23.35 -0.12 0.00	36.76 -0.04 0.00	39.50 -0.34 0.00	35.33 -0.64 0.00	24.10 -0.83 0.00	24.63 -0.96 0.00	22.12 -1.10 0.00	19.75 -0.74 0.00
DUNKIRK___4 23566	16.05 -1.30 0.00	16.86 -1.29 0.00	15.81 -1.12 0.00	16.25 -1.15 0.00	16.17 -1.21 0.00	14.80 -0.95 0.00	16.15 -0.92 0.00	18.57 -1.04 0.00	21.50 -0.90 0.00	24.28 -0.66 0.00	24.79 -0.58 0.00	21.70 -0.64 0.00	27.10 -0.49 0.00	29.22 -0.34 0.00	30.53 0.00 0.00	24.31 0.07 0.00	23.35 -0.12 0.00	36.76 -0.04 0.00	39.50 -0.34 0.00	35.33 -0.64 0.00	24.10 -0.83 0.00	24.63 -0.96 0.00	22.12 -1.10 0.00	19.75 -0.74 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.39 1.03 0.00	19.10 0.95 0.00	17.83 0.90 0.00	18.28 0.87 0.00	18.34 0.95 0.00	16.86 1.12 0.00	20.06 1.36 -1.63	21.25 1.64 0.00	24.19 1.80 0.00	26.81 1.87 0.00	27.22 1.85 0.00	23.81 1.46 0.00	29.28 1.68 0.00	31.33 1.78 0.00	32.36 1.83 0.00	25.90 1.66 0.00	25.24 1.77 0.00	39.61 2.81 0.00	42.81 2.97 0.00	38.49 2.52 0.00	26.83 1.90 0.00	27.33 1.74 0.00	24.64 1.43 0.00	21.67 1.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.27 0.92 0.00	19.00 0.85 0.00	17.80 0.86 0.00	18.25 0.85 0.00	18.30 0.92 0.00	16.80 1.06 0.00	20.03 1.29 -1.66	21.17 1.57 0.00	24.12 1.72 0.00	26.72 1.78 0.00	27.10 1.73 0.00	23.66 1.32 0.00	29.14 1.55 0.00	31.18 1.62 0.00	32.20 1.67 0.00	25.76 1.52 0.00	25.12 1.65 0.00	39.52 2.72 0.00	42.79 2.95 0.00	38.45 2.48 0.00	26.77 1.84 0.00	27.28 1.69 0.00	24.60 1.38 0.00	21.64 1.15 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.37 1.02 0.00	19.09 0.95 0.00	17.84 0.90 0.00	18.25 0.85 0.00	18.35 0.96 0.00	16.87 1.13 0.00	20.11 1.40 -1.63	21.34 1.74 0.00	24.28 1.89 0.00	26.89 1.95 0.00	27.26 1.89 0.00	23.81 1.46 -0.01	29.29 1.70 0.00	31.39 1.82 -0.01	32.42 1.89 0.00	25.92 1.69 0.00	25.27 1.80 0.00	39.54 2.74 0.00	42.76 2.92 0.00	38.54 2.57 0.00	26.78 1.84 -0.01	27.21 1.62 -0.01	24.58 1.36 -0.01	21.66 1.16 0.00
E179THST_13_KV_LOAD 356214	18.44 1.08 0.00	19.16 1.01 0.00	17.90 0.97 0.00	18.32 0.91 0.00	18.41 1.03 0.00	16.93 1.19 0.00	20.18 1.48 -1.63	21.43 1.83 0.00	24.39 2.00 0.00	27.01 2.07 0.00	27.38 2.01 0.00	23.92 1.57 -0.01	29.43 1.84 0.00	31.54 1.97 -0.01	32.58 2.05 0.00	26.05 1.81 0.00	25.39 1.92 0.00	39.73 2.93 0.00	42.99 3.14 0.00	38.73 2.76 0.00	26.90 1.96 -0.01	27.33 1.74 -0.01	24.69 1.46 -0.01	21.75 1.26 0.00
EAST HAMPTON___GT 23717	19.66 2.16 -0.15	20.25 2.11 0.00	18.93 2.00 0.00	19.40 1.99 0.00	19.48 2.10 0.00	30.24 2.16 -12.34	32.45 2.41 -12.97	24.87 2.76 -2.50	25.62 2.94 -0.29	27.74 2.81 0.00	28.43 3.06 0.00	24.94 2.59 0.00	30.61 3.02 0.00	32.74 3.19 0.00	33.93 3.40 0.00	29.66 3.11 -2.32	31.15 3.21 -4.47	105.53 4.92 -63.81	92.66 4.81 -48.01	65.30 4.25 -25.08	37.37 3.19 -9.25	40.85 2.92 -12.34	28.71 2.40 -3.09	22.42 1.92 0.00
EAST RIVER___6 23660	18.39 1.04 0.00	19.10 0.95 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.90 1.15 0.00	20.13 1.42 -1.63	21.35 1.75 0.00	24.30 1.91 0.00	26.93 1.99 0.00	27.32 1.95 0.00	23.92 1.57 0.00	29.39 1.80 0.00	31.47 1.91 0.00	32.51 1.98 0.00	26.00 1.77 0.00	25.37 1.90 0.00	39.74 2.94 0.00	42.93 3.09 0.00	38.59 2.62 0.00	26.90 1.97 0.00	27.38 1.79 0.00	24.66 1.44 0.00	21.69 1.19 0.00
EAST RIVER___7 23524	18.39 1.04 0.00	19.10 0.95 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.90 1.15 0.00	20.13 1.42 -1.63	21.35 1.75 0.00	24.30 1.91 0.00	26.93 1.99 0.00	27.32 1.95 0.00	23.92 1.57 0.00	29.39 1.80 0.00	31.47 1.91 0.00	32.51 1.98 0.00	26.00 1.77 0.00	25.37 1.90 0.00	39.74 2.94 0.00	42.93 3.09 0.00	38.59 2.62 0.00	26.90 1.97 0.00	27.38 1.79 0.00	24.66 1.44 0.00	21.69 1.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.36 1.01 0.00	19.07 0.93 0.00	17.81 0.88 0.00	18.25 0.85 0.00	18.32 0.93 0.00	16.84 1.09 0.00	20.03 1.33 -1.63	21.22 1.61 0.00	24.15 1.76 0.00	26.76 1.82 0.00	27.18 1.80 0.00	23.76 1.42 0.00	29.22 1.63 0.00	31.27 1.72 0.00	32.30 1.77 0.00	25.85 1.61 0.00	25.19 1.72 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.43 2.46 0.00	26.78 1.86 0.00	27.28 1.69 0.00	24.61 1.39 0.00	21.64 1.14 0.00
EAST_HAMPTON___DIESEL 23722	19.66 2.17 -0.15	20.25 2.11 0.00	18.93 2.00 0.00	19.40 1.99 0.00	19.48 2.10 0.00	30.24 2.16 -12.34	32.45 2.41 -12.97	24.87 2.76 -2.50	25.62 2.94 -0.29	27.74 2.81 0.00	28.44 3.07 0.00	24.94 2.59 0.00	30.61 3.02 0.00	32.74 3.18 0.00	33.93 3.40 0.00	29.66 3.10 -2.32	31.14 3.20 -4.47	105.51 4.91 -63.80	92.64 4.78 -48.01	65.28 4.23 -25.08	37.36 3.18 -9.25	40.83 2.90 -12.34	28.70 2.39 -3.09	22.40 1.91 0.00
EAST_PULASKI___ESR 323781	16.77 -0.58 0.00	17.51 -0.64 0.00	16.25 -0.68 0.00	16.70 -0.70 0.00	16.70 -0.68 0.00	15.21 -0.54 0.00	16.51 -0.56 0.00	18.97 -0.64 0.00	21.72 -0.68 0.00	24.28 -0.66 0.00	24.72 -0.65 0.00	21.80 -0.54 0.00	26.98 -0.61 0.00	28.91 -0.64 0.00	29.91 -0.62 0.00	23.82 -0.42 0.00	23.10 -0.37 0.00	36.37 -0.43 0.00	39.38 -0.46 0.00	35.41 -0.56 0.00	24.46 -0.47 0.00	25.01 -0.57 0.00	22.61 -0.61 0.00	19.95 -0.54 0.00
EAST_RIVER___1 323558	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.91 1.16 0.00	20.12 1.42 -1.63	21.35 1.74 0.00	24.30 1.91 0.00	26.93 1.99 0.00	27.32 1.95 0.00	23.89 1.55 0.00	29.36 1.77 0.00	31.43 1.87 0.00	32.47 1.94 0.00	25.98 1.74 0.00	25.34 1.87 0.00	39.68 2.88 0.00	42.89 3.05 0.00	38.57 2.60 0.00	26.89 1.96 0.00	27.38 1.79 0.00	24.67 1.45 0.00	21.69 1.19 0.00
EAST_RIVER___2 323559	18.39 1.04 0.00	19.10 0.95 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.90 1.15 0.00	20.13 1.42 -1.63	21.35 1.75 0.00	24.30 1.91 0.00	26.93 1.99 0.00	27.32 1.95 0.00	23.92 1.57 0.00	29.39 1.80 0.00	31.47 1.91 0.00	32.51 1.98 0.00	26.00 1.77 0.00	25.37 1.90 0.00	39.74 2.94 0.00	42.93 3.09 0.00	38.59 2.62 0.00	26.90 1.97 0.00	27.38 1.79 0.00	24.66 1.44 0.00	21.69 1.19 0.00
EAST___DELAWARE_HYD 23607	18.01 0.66 0.00	18.71 0.57 0.00	17.52 0.59 0.00	17.96 0.56 0.00	18.03 0.65 0.00	16.55 0.81 0.00	19.99 1.04 -1.88	20.90 1.30 0.00	23.80 1.41 0.00	26.37 1.44 0.00	26.68 1.31 0.00	23.12 0.77 0.00	27.95 0.35 0.00	29.81 0.26 0.00	30.75 0.23 0.00	24.61 0.37 0.00	24.09 0.62 0.00	37.99 1.19 0.00	41.18 1.34 0.00	37.17 1.20 0.00	26.45 1.52 0.00	26.93 1.35 0.00	24.28 1.06 0.00	21.34 0.84 0.00
EIGHT_POINT___WT_PWR 323820	16.31 -1.21 -0.17	17.98 -0.61 -0.45	16.31 -0.95 -0.33	16.74 -0.88 -0.22	17.12 -0.67 -0.41	14.96 -1.04 -0.25	16.89 -0.69 -0.51	19.24 -0.36 0.00	22.63 0.04 -0.20	25.44 0.29 -0.21	25.83 0.10 -0.36	22.88 0.11 -0.42	28.04 0.45 0.00	30.26 0.70 0.00	31.35 0.82 0.00	24.92 0.68 0.00	24.27 0.63 -0.18	38.02 1.17 -0.04	40.91 0.98 -0.09	36.69 0.72 0.00	25.69 0.51 -0.25	26.27 0.61 -0.07	23.82 0.46 -0.14	21.00 0.50 0.00
ELBRIDGE_115KV_TB2 80188	16.87 -0.48 0.00	17.60 -0.55 0.00	16.40 -0.54 0.00	16.83 -0.57 0.00	16.84 -0.54 0.00	15.34 -0.41 0.00	16.66 -0.41 0.00	19.13 -0.48 0.00	21.93 -0.46 0.00	24.49 -0.44 0.00	24.93 -0.45 0.00	21.88 -0.46 0.00	27.07 -0.53 0.00	29.52 -0.04 0.00	30.48 -0.05 0.00	24.03 -0.21 0.00	23.29 -0.18 0.00	36.53 -0.28 0.00	39.57 -0.27 0.00	35.60 -0.37 0.00	24.62 -0.31 0.00	25.17 -0.42 0.00	22.76 -0.47 0.00	20.12 -0.38 0.00
ELEC_TRO_TEK 24086	18.80 1.30 -0.15	19.36 1.22 0.00	18.08 1.14 0.00	18.52 1.12 0.00	18.59 1.21 0.00	17.09 1.34 0.00	20.26 1.56 -1.63	21.42 1.82 0.00	24.35 1.96 0.00	26.88 1.95 0.00	27.50 2.13 0.00	24.11 1.77 0.00	29.66 2.07 0.00	31.69 2.14 0.00	32.79 2.26 0.00	28.60 2.05 -2.31	30.08 2.14 -4.47	40.08 3.27 0.00	43.11 3.27 0.00	38.84 2.87 0.00	27.17 2.24 0.00	27.62 2.03 0.00	24.87 1.66 0.00	21.85 1.36 0.00
ELLENBURG_WT_PWR 323604	-14.66 -0.64 31.37	17.85 -0.30 0.00	16.83 -0.10 0.00	17.51 0.11 0.00	17.20 -0.18 0.00	15.20 -0.55 0.00	17.07 0.00 0.00	19.84 0.23 0.00	22.41 0.02 0.00	24.91 -0.03 0.00	25.62 0.25 0.00	22.57 0.23 0.00	27.82 0.22 0.00	29.60 0.04 0.00	30.78 0.25 0.00	24.64 0.40 0.00	23.74 0.27 0.00	36.62 -0.18 0.00	39.46 -0.38 0.00	36.10 0.13 0.00	25.04 0.11 0.00	25.74 0.15 0.00	23.36 0.14 0.00	20.80 0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.96 -1.39 0.00	16.86 -1.29 0.00	15.77 -1.17 0.00	16.20 -1.20 0.00	16.24 -1.14 0.00	14.77 -0.97 0.00	15.90 -1.17 0.00	18.25 -1.35 0.00	21.23 -1.17 0.00	24.12 -0.82 0.00	24.66 -0.72 0.00	21.66 -0.69 0.00	26.94 -0.66 0.00	28.89 -0.67 0.00	29.88 -0.65 0.00	23.70 -0.53 0.00	22.82 -0.65 0.00	35.76 -1.05 0.00	38.88 -0.96 0.00	34.78 -1.19 0.00	23.64 -1.29 0.00	24.13 -1.45 0.00	21.64 -1.58 0.00	19.36 -1.14 0.00
EMPIRE_CC_1 323656	17.75 0.40 0.00	18.51 0.37 0.00	17.28 0.34 0.00	17.73 0.33 0.00	17.75 0.37 0.00	16.21 0.46 0.00	21.06 0.58 -3.40	20.28 0.68 0.00	23.10 0.71 0.00	25.59 0.66 0.00	25.95 0.58 0.00	22.77 0.43 0.00	28.08 0.49 0.00	30.06 0.50 0.00	30.96 0.43 0.00	24.58 0.34 0.00	24.04 0.57 0.00	38.05 1.25 0.00	41.16 1.32 0.00	36.99 1.02 0.00	25.87 0.94 0.00	26.47 0.88 0.00	24.11 0.89 0.00	21.22 0.72 0.00
EMPIRE_CC_2 323658	17.75 0.40 0.00	18.51 0.37 0.00	17.28 0.34 0.00	17.73 0.33 0.00	17.75 0.37 0.00	16.21 0.46 0.00	21.06 0.58 -3.40	20.28 0.68 0.00	23.10 0.71 0.00	25.59 0.66 0.00	25.95 0.58 0.00	22.77 0.43 0.00	28.08 0.49 0.00	30.06 0.50 0.00	30.96 0.43 0.00	24.58 0.34 0.00	24.04 0.57 0.00	38.05 1.25 0.00	41.16 1.32 0.00	36.99 1.02 0.00	25.87 0.94 0.00	26.47 0.88 0.00	24.11 0.89 0.00	21.22 0.72 0.00
ENORWICH_115KV_TB1 80156	17.88 0.54 0.00	18.92 0.78 0.00	17.48 0.55 0.00	18.00 0.60 0.00	18.13 0.75 0.00	16.39 0.64 0.00	19.07 0.92 -1.08	20.83 1.23 0.00	23.99 1.60 0.00	26.89 1.96 0.00	27.34 1.97 0.00	23.86 1.51 0.00	29.67 2.08 0.00	32.02 2.46 0.00	33.10 2.57 0.00	26.38 2.14 0.00	25.57 2.10 0.00	40.23 3.43 0.00	43.35 3.51 0.00	38.65 2.68 0.00	26.67 1.74 0.00	27.30 1.72 0.00	24.75 1.53 0.00	21.94 1.45 0.00
ERIE_ST__34_KV_TB1-2 80199	16.46 -0.89 0.00	17.38 -0.76 0.00	16.23 -0.70 0.00	16.67 -0.73 0.00	16.75 -0.63 0.00	15.21 -0.54 0.00	16.35 -0.72 0.00	18.83 -0.78 0.00	21.89 -0.50 0.00	24.84 -0.09 0.00	25.41 0.04 0.00	22.32 -0.02 0.00	27.75 0.16 0.00	29.77 0.21 0.00	30.77 0.25 0.00	24.42 0.18 0.00	23.53 0.06 0.00	36.84 0.04 0.00	40.03 0.19 0.00	35.80 -0.17 0.00	24.37 -0.56 0.00	24.89 -0.70 0.00	22.33 -0.89 0.00	19.95 -0.55 0.00
ERIE_WT_PWR 323693	14.81 -1.27 1.27	13.61 -1.18 3.35	13.36 -1.08 2.49	14.68 -1.09 1.63	13.28 -1.05 3.05	13.02 -0.88 1.84	15.71 -1.06 0.31	18.39 -1.22 0.00	19.90 -0.99 1.50	22.73 -0.61 1.60	22.24 -0.49 2.65	18.73 -0.48 3.13	27.20 -0.39 0.00	29.18 -0.38 0.00	30.19 -0.34 0.00	23.94 -0.29 0.00	21.68 -0.41 1.38	35.80 -0.68 0.33	38.61 -0.54 0.69	35.16 -0.81 0.00	22.05 -1.02 1.86	23.90 -1.18 0.50	20.88 -1.34 1.00	19.56 -0.94 0.00
ESPRGFLD_115KV_TB1 80157	17.96 0.61 0.00	18.76 0.62 0.00	17.52 0.59 0.00	17.99 0.59 0.00	18.00 0.62 0.00	16.31 0.56 0.00	29.35 0.67 -11.61	20.42 0.81 0.00	23.42 1.03 0.00	26.19 1.26 0.00	26.78 1.41 0.00	23.56 1.22 0.00	29.13 1.54 0.00	31.30 1.74 0.00	32.37 1.84 0.00	25.70 1.46 0.00	24.99 1.52 0.00	39.03 2.23 0.00	42.28 2.43 0.00	38.16 2.19 0.00	26.18 1.25 0.00	26.89 1.30 0.00	24.30 1.08 0.00	21.47 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.40 0.05 0.00	18.20 0.05 0.00	16.94 0.01 0.00	17.41 0.01 0.00	17.44 0.06 0.00	15.88 0.13 0.00	17.86 0.25 -0.54	19.97 0.36 0.00	22.91 0.51 0.00	25.57 0.63 0.00	25.99 0.62 0.00	22.82 0.47 0.00	28.27 0.68 0.00	30.42 0.87 0.00	31.41 0.88 0.00	24.95 0.71 0.00	24.17 0.70 0.00	38.01 1.21 0.00	41.13 1.28 0.00	36.94 0.97 0.00	25.53 0.60 0.00	26.10 0.51 0.00	23.58 0.36 0.00	20.83 0.33 0.00
ETNA____115KV_TB2 80207	17.40 0.05 0.00	18.20 0.05 0.00	16.94 0.01 0.00	17.41 0.01 0.00	17.44 0.06 0.00	15.88 0.13 0.00	17.86 0.25 -0.54	19.97 0.36 0.00	22.91 0.51 0.00	25.57 0.63 0.00	25.99 0.62 0.00	22.82 0.47 0.00	28.27 0.68 0.00	30.42 0.87 0.00	31.41 0.88 0.00	24.95 0.71 0.00	24.17 0.70 0.00	38.01 1.21 0.00	41.13 1.28 0.00	36.94 0.97 0.00	25.53 0.60 0.00	26.10 0.51 0.00	23.58 0.36 0.00	20.83 0.33 0.00
EUCLID___115KV_TB2 356179	16.81 -0.54 0.00	17.56 -0.58 0.00	16.34 -0.59 0.00	16.79 -0.61 0.00	16.79 -0.59 0.00	15.29 -0.46 0.00	16.59 -0.48 0.00	19.09 -0.52 0.00	21.87 -0.53 0.00	24.42 -0.51 0.00	24.85 -0.52 0.00	21.86 -0.48 0.00	27.04 -0.55 0.00	29.02 -0.53 0.00	29.95 -0.58 0.00	23.80 -0.43 0.00	23.05 -0.42 0.00	36.21 -0.59 0.00	39.20 -0.64 0.00	35.24 -0.73 0.00	24.36 -0.57 0.00	24.92 -0.67 0.00	22.52 -0.70 0.00	19.91 -0.59 0.00
E_CANADA_CAP_HY 24051	18.10 0.75 0.00	18.91 0.76 0.00	17.66 0.73 0.00	18.15 0.75 0.00	18.12 0.74 0.00	16.41 0.66 0.00	32.76 0.74 -14.95	20.46 0.85 0.00	23.41 1.02 0.00	26.14 1.20 0.00	26.76 1.39 0.00	23.52 1.18 0.00	29.18 1.58 0.00	31.35 1.80 0.00	32.35 1.83 0.00	25.70 1.46 0.00	24.99 1.52 0.00	39.01 2.21 0.00	42.29 2.45 0.00	38.23 2.27 0.00	26.22 1.29 0.00	27.01 1.42 0.00	24.43 1.21 0.00	21.59 1.09 0.00
E_CANADA_MHWK_HY 24050	17.63 0.28 0.00	18.30 0.15 0.00	17.07 0.14 0.00	17.54 0.14 0.00	17.59 0.20 0.00	16.12 0.37 0.00	17.61 0.54 0.00	20.29 0.69 0.00	23.07 0.67 0.00	25.47 0.53 0.00	25.83 0.45 0.00	22.59 0.25 0.00	28.03 0.43 0.00	30.01 0.45 0.00	30.94 0.41 0.00	24.79 0.56 0.00	24.04 0.57 0.00	38.15 1.35 0.00	41.16 1.32 0.00	36.86 0.89 0.00	25.84 0.92 0.00	26.40 0.82 0.00	23.90 0.68 0.00	21.02 0.53 0.00
E_FISHKILL___LBMP 23776	18.22 0.87 0.00	18.94 0.79 0.00	17.68 0.74 0.00	18.13 0.72 0.00	18.18 0.80 0.00	16.68 0.93 0.00	19.91 1.15 -1.68	21.00 1.40 0.00	23.93 1.53 0.00	26.52 1.59 0.00	26.94 1.57 0.00	23.56 1.21 0.00	28.99 1.40 0.00	30.99 1.44 0.00	32.00 1.47 0.00	25.62 1.38 0.00	24.92 1.45 0.00	39.18 2.38 0.00	42.38 2.54 0.00	38.10 2.14 0.00	26.55 1.62 0.00	27.07 1.49 0.00	24.46 1.24 0.00	21.52 1.02 0.00
FALCON___SEABRD_CC1 323796	-14.80 -0.49 31.65	17.99 -0.16 0.00	16.96 0.03 0.00	17.65 0.25 0.00	17.39 0.00 0.00	15.35 -0.40 0.00	17.19 0.12 0.00	20.07 0.46 0.00	22.65 0.26 0.00	25.14 0.20 0.00	25.89 0.52 0.00	22.80 0.45 0.00	28.09 0.50 0.00	29.90 0.34 0.00	31.06 0.54 0.00	24.93 0.70 0.00	24.00 0.53 0.00	37.04 0.24 0.00	39.81 -0.04 0.00	36.42 0.45 0.00	25.29 0.37 0.00	25.96 0.37 0.00	23.54 0.32 0.00	21.04 0.54 0.00
FALCON___SEABRD_CC2 323797	-14.80 -0.49 31.65	17.99 -0.16 0.00	16.96 0.03 0.00	17.65 0.25 0.00	17.39 0.00 0.00	15.35 -0.40 0.00	17.19 0.12 0.00	20.07 0.46 0.00	22.65 0.26 0.00	25.14 0.20 0.00	25.89 0.52 0.00	22.80 0.45 0.00	28.09 0.50 0.00	29.90 0.34 0.00	31.06 0.54 0.00	24.93 0.70 0.00	24.00 0.53 0.00	37.04 0.24 0.00	39.81 -0.04 0.00	36.42 0.45 0.00	25.29 0.37 0.00	25.96 0.37 0.00	23.54 0.32 0.00	21.04 0.54 0.00

FAR ROCKAWAY___4 23548	19.01 1.51 -0.15	19.57 1.43 0.00	18.27 1.34 0.00	18.72 1.32 0.00	18.79 1.41 0.00	17.27 1.52 0.00	20.48 1.78 -1.63	21.65 2.04 0.00	24.61 2.22 0.00	27.18 2.25 0.00	27.79 2.42 0.00	24.39 2.05 0.00	29.99 2.40 0.00	32.05 2.49 0.00	33.17 2.64 0.00	28.90 2.35 -2.31	30.40 2.46 -4.47	40.46 3.66 0.00	43.72 3.88 0.00	39.36 3.40 0.00	27.51 2.58 0.00	27.95 2.36 0.00	25.16 1.94 0.00	22.10 1.61 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.41 1.06 0.00	19.12 0.97 0.00	17.86 0.93 0.00	18.29 0.89 0.00	18.37 0.99 0.00	16.92 1.17 0.00	20.14 1.44 -1.63	21.37 1.76 0.00	24.32 1.93 0.00	26.95 2.02 0.00	27.33 1.96 0.00	23.90 1.56 0.00	29.37 1.78 0.00	31.45 1.89 0.00	32.49 1.96 0.00	25.99 1.75 0.00	25.35 1.89 0.00	39.72 2.92 0.00	42.93 3.09 0.00	38.61 2.64 0.00	26.91 1.98 0.00	27.40 1.81 0.00	24.69 1.47 0.00	21.71 1.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.43 1.08 0.00	19.14 0.99 0.00	17.87 0.94 0.00	18.31 0.91 0.00	18.38 1.00 0.00	16.93 1.18 0.00	20.16 1.45 -1.63	21.38 1.77 0.00	24.33 1.94 0.00	26.97 2.03 0.00	27.35 1.98 0.00	23.92 1.58 0.00	29.39 1.80 0.00	31.47 1.91 0.00	32.51 1.98 0.00	26.01 1.77 0.00	25.37 1.91 0.00	39.75 2.95 0.00	42.96 3.12 0.00	38.63 2.66 0.00	26.93 2.00 0.00	27.42 1.83 0.00	24.70 1.48 0.00	21.73 1.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.41 1.06 0.00	19.12 0.97 0.00	17.86 0.92 0.00	18.29 0.89 0.00	18.36 0.98 0.00	16.91 1.17 0.00	20.14 1.44 -1.63	21.36 1.75 0.00	24.31 1.92 0.00	26.94 2.01 0.00	27.32 1.95 0.00	23.90 1.55 0.00	29.37 1.77 0.00	31.44 1.88 0.00	32.48 1.95 0.00	25.98 1.74 0.00	25.35 1.88 0.00	39.70 2.90 0.00	42.90 3.06 0.00	38.58 2.61 0.00	26.90 1.97 0.00	27.38 1.79 0.00	24.68 1.46 0.00	21.70 1.20 0.00
FARRAGUT___LBMP 323566	18.39 1.04 0.00	19.10 0.96 0.00	17.85 0.91 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.30 1.92 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.40 1.84 0.00	32.45 1.92 0.00	25.95 1.72 0.00	25.32 1.85 0.00	39.66 2.86 0.00	42.86 3.02 0.00	38.55 2.58 0.00	26.87 1.95 0.00	27.36 1.78 0.00	24.66 1.44 0.00	21.68 1.19 0.00
FENNER___WINDPWR 24204	17.42 0.07 0.00	18.22 0.07 0.00	16.95 0.02 0.00	17.44 0.04 0.00	17.44 0.05 0.00	15.88 0.13 0.00	17.30 0.23 0.00	19.91 0.31 0.00	22.80 0.41 0.00	25.42 0.48 0.00	25.87 0.50 0.00	22.80 0.46 0.00	28.21 0.61 0.00	30.29 0.73 0.00	31.24 0.71 0.00	24.81 0.58 0.00	24.07 0.60 0.00	37.88 1.07 0.00	41.02 1.18 0.00	37.05 1.08 0.00	25.60 0.67 0.00	26.17 0.58 0.00	23.73 0.51 0.00	20.93 0.43 0.00
FIBERTEK___ENERGY 23856	16.99 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.77 -0.30 0.00	19.29 -0.32 0.00	22.10 -0.30 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.51 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.86 -0.37 0.00	20.20 -0.29 0.00
FITZPATRICK___ 23598	16.64 -0.71 0.00	17.38 -0.77 0.00	16.17 -0.76 0.00	16.62 -0.79 0.00	16.60 -0.78 0.00	15.10 -0.65 0.00	16.36 -0.71 0.00	18.81 -0.79 0.00	21.53 -0.87 0.00	24.03 -0.91 0.00	24.44 -0.93 0.00	21.51 -0.83 0.00	26.60 -1.00 0.00	28.48 -1.08 0.00	29.44 -1.09 0.00	23.42 -0.81 0.00	22.69 -0.78 0.00	35.61 -1.19 0.00	38.55 -1.29 0.00	34.70 -1.27 0.00	24.01 -0.92 0.00	24.58 -1.01 0.00	22.25 -0.97 0.00	19.66 -0.83 0.00
FLOWRFLD_69_KV_BK1 356044	19.06 1.56 -0.15	19.62 1.48 0.00	18.33 1.40 0.00	18.78 1.37 0.00	18.85 1.47 0.00	40.11 1.57 -22.80	41.41 1.75 -22.59	26.24 2.01 -4.62	25.04 2.11 -0.54	26.95 2.01 0.00	27.75 2.37 0.00	24.34 1.99 0.00	29.94 2.35 0.00	32.00 2.44 0.00	33.16 2.64 0.00	29.00 2.45 -2.32	30.45 2.51 -4.47	158.43 3.72 -117.91	132.17 3.61 -88.72	85.55 3.23 -46.35	44.58 2.55 -17.10	50.76 2.38 -22.80	30.82 1.90 -5.70	22.05 1.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.43 1.08 0.00	19.17 1.03 0.00	18.02 1.09 0.00	18.48 1.07 0.00	18.54 1.16 0.00	17.02 1.27 0.00	20.35 1.55 -1.73	21.47 1.86 0.00	24.45 2.06 0.00	27.10 2.16 0.00	27.47 2.10 0.00	23.99 1.65 0.00	29.56 1.97 0.00	31.59 2.04 0.00	32.61 2.09 0.00	26.13 1.90 0.00	25.47 2.00 0.00	40.12 3.32 0.00	43.44 3.60 0.00	39.03 3.06 0.00	27.16 2.24 0.00	27.67 2.09 0.00	24.95 1.73 0.00	21.93 1.43 0.00
FORT ORANGE___ 23900	17.85 0.50 0.00	18.61 0.46 0.00	17.36 0.42 0.00	17.82 0.42 0.00	17.84 0.46 0.00	16.30 0.55 0.00	25.17 0.70 -7.40	20.41 0.80 0.00	23.21 0.82 0.00	25.65 0.72 0.00	25.86 0.49 0.00	22.69 0.35 0.00	28.09 0.49 0.00	30.10 0.54 0.00	31.01 0.49 0.00	24.74 0.50 0.00	24.14 0.67 0.00	38.18 1.38 0.00	41.32 1.48 0.00	37.14 1.17 0.00	25.87 0.95 0.00	26.48 0.90 0.00	24.15 0.93 0.00	21.25 0.75 0.00
FORT_DRUM_COGEN 23780	18.12 -0.52 -1.30	17.58 -0.56 0.00	16.25 -0.68 0.00	16.71 -0.70 0.00	16.71 -0.67 0.00	15.16 -0.58 0.00	16.54 -0.53 0.00	19.00 -0.61 0.00	21.71 -0.69 0.00	24.27 -0.67 0.00	24.78 -0.59 0.00	22.06 -0.28 0.00	27.32 -0.28 0.00	29.33 -0.23 0.00	30.34 -0.19 0.00	24.21 -0.03 0.00	23.61 0.14 0.00	37.30 0.50 0.00	40.43 0.59 0.00	36.35 0.38 0.00	24.93 0.00 0.00	25.47 -0.11 0.00	23.08 -0.14 0.00	20.30 -0.19 0.00
FOX_HILLS___ESR 323835	18.51 1.15 -0.01	19.22 1.07 0.00	17.96 1.03 0.00	18.38 0.98 0.00	18.48 1.10 0.00	17.01 1.27 0.00	20.23 1.52 -1.64	21.45 1.84 0.00	24.39 1.99 0.00	27.01 2.07 0.00	27.38 2.01 0.00	24.01 1.62 -0.05	29.45 1.85 0.00	31.59 2.01 -0.03	32.62 2.09 0.00	26.05 1.81 0.00	25.40 1.93 0.00	39.77 2.97 0.00	43.01 3.17 0.00	38.72 2.74 0.00	71.70 2.02 -44.75	101.93 1.84 -74.51	47.41 1.54 -22.66	21.80 1.31 0.00
FPL_FAR_ROCK_GT1 24212	19.01 1.51 -0.15	19.57 1.43 0.00	18.27 1.34 0.00	18.71 1.31 0.00	18.78 1.40 0.00	17.27 1.52 0.00	20.48 1.78 -1.63	21.65 2.04 0.00	24.62 2.22 0.00	27.18 2.25 0.00	27.79 2.42 0.00	24.39 2.05 0.00	29.99 2.40 0.00	32.04 2.49 0.00	33.17 2.64 0.00	28.91 2.36 -2.31	30.40 2.46 -4.47	40.46 3.66 0.00	43.72 3.88 0.00	39.37 3.40 0.00	27.51 2.58 0.00	27.95 2.37 0.00	25.16 1.94 0.00	22.11 1.61 0.00
FPL_FAR_ROCK_GT2 23815	19.01 1.51 -0.15	19.57 1.43 0.00	18.27 1.34 0.00	18.71 1.31 0.00	18.78 1.40 0.00	17.27 1.52 0.00	20.48 1.78 -1.63	21.65 2.04 0.00	24.62 2.22 0.00	27.18 2.25 0.00	27.79 2.42 0.00	24.39 2.05 0.00	29.99 2.40 0.00	32.04 2.49 0.00	33.17 2.64 0.00	28.91 2.36 -2.31	30.40 2.46 -4.47	40.46 3.66 0.00	43.72 3.88 0.00	39.37 3.40 0.00	27.51 2.58 0.00	27.95 2.37 0.00	25.16 1.94 0.00	22.11 1.61 0.00

FRANKLIN_FALL_HYD 24054	38.13 -0.26 -21.04	18.16 0.02 0.00	17.11 0.18 0.00	17.76 0.36 0.00	17.45 0.07 0.00	15.46 -0.29 0.00	17.20 0.13 0.00	19.96 0.36 0.00	22.60 0.21 0.00	25.11 0.17 0.00	25.78 0.41 0.00	22.69 0.35 0.00	28.00 0.40 0.00	29.80 0.24 0.00	31.00 0.47 0.00	24.73 0.49 0.00	23.84 0.37 0.00	36.88 0.08 0.00	39.84 0.00 0.00	36.42 0.45 0.00	25.17 0.24 0.00	25.92 0.33 0.00	23.58 0.36 0.00	20.94 0.44 0.00
FREEPORT_EQUS_GT1 23764	18.91 1.41 -0.15	19.48 1.33 0.00	18.18 1.25 0.00	18.62 1.22 0.00	18.69 1.31 0.00	17.18 1.43 0.00	20.36 1.66 -1.63	21.53 1.92 0.00	24.46 2.07 0.00	26.98 2.05 0.00	27.62 2.25 0.00	24.23 1.89 0.00	29.81 2.21 0.00	31.83 2.27 0.00	32.97 2.44 0.00	28.77 2.22 -2.31	30.25 2.31 -4.47	40.35 3.55 0.00	43.37 3.53 0.00	39.07 3.10 0.00	27.35 2.42 0.00	27.78 2.20 0.00	25.01 1.79 0.00	21.97 1.47 0.00
FREEPORT___CT2 23818	18.91 1.41 -0.15	19.48 1.33 0.00	18.18 1.25 0.00	18.62 1.22 0.00	18.69 1.31 0.00	17.18 1.43 0.00	20.36 1.66 -1.63	21.53 1.92 0.00	24.46 2.07 0.00	26.98 2.05 0.00	27.62 2.25 0.00	24.23 1.89 0.00	29.81 2.21 0.00	31.83 2.27 0.00	32.97 2.44 0.00	28.77 2.22 -2.31	30.25 2.31 -4.47	40.35 3.55 0.00	43.37 3.53 0.00	39.07 3.10 0.00	27.35 2.42 0.00	27.78 2.20 0.00	25.01 1.79 0.00	21.97 1.47 0.00
FRESHKLS_33_KV_LOAD 356253	18.49 1.14 -0.01	19.21 1.07 0.00	17.96 1.03 0.00	18.38 0.98 0.00	18.48 1.10 0.00	17.01 1.27 0.00	20.22 1.51 -1.64	21.44 1.83 0.00	24.36 1.96 0.00	26.95 2.01 0.00	27.32 1.95 0.00	23.95 1.56 -0.05	29.36 1.76 0.00	31.51 1.92 -0.03	32.55 2.02 0.00	25.98 1.74 0.00	25.37 1.90 0.00	39.73 2.92 0.00	42.98 3.13 0.00	38.69 2.71 0.00	71.66 1.98 -44.75	101.89 1.79 -74.51	47.37 1.50 -22.66	21.78 1.28 0.00
FULTON COGEN____ 23766	16.75 -0.60 0.00	17.49 -0.66 0.00	16.26 -0.67 0.00	16.71 -0.69 0.00	16.70 -0.68 0.00	15.22 -0.53 0.00	16.51 -0.55 0.00	19.00 -0.61 0.00	21.75 -0.65 0.00	24.28 -0.65 0.00	24.70 -0.67 0.00	21.74 -0.60 0.00	26.89 -0.70 0.00	28.81 -0.75 0.00	29.80 -0.73 0.00	23.71 -0.52 0.00	22.98 -0.49 0.00	36.12 -0.68 0.00	39.11 -0.73 0.00	35.15 -0.82 0.00	24.30 -0.63 0.00	24.85 -0.73 0.00	22.46 -0.76 0.00	19.84 -0.65 0.00
FULTON___LFGE 323630	18.91 1.56 0.00	19.68 1.54 0.00	18.37 1.44 0.00	18.88 1.48 0.00	18.89 1.51 0.00	17.25 1.50 0.00	35.19 1.74 -16.38	21.62 2.02 0.00	24.29 1.89 0.00	26.55 1.62 0.00	27.39 2.02 0.00	23.71 1.36 0.00	30.07 2.48 0.00	32.55 2.99 0.00	33.63 3.11 0.00	26.95 2.72 0.00	26.13 2.67 0.00	41.36 4.56 0.00	44.87 5.02 0.00	40.41 4.44 0.00	27.77 2.84 0.00	28.42 2.83 0.00	25.67 2.45 0.00	22.50 2.00 0.00
G.F.CEMENT___DRP 24184	17.97 0.62 0.00	18.75 0.60 0.00	17.50 0.57 0.00	17.99 0.59 0.00	18.01 0.63 0.00	16.46 0.71 0.00	38.70 0.97 -20.66	20.71 1.11 0.00	23.62 1.23 0.00	26.23 1.29 0.00	26.62 1.25 0.00	23.21 0.87 0.00	28.83 1.24 0.00	30.85 1.29 0.00	31.87 1.35 0.00	25.62 1.38 0.00	24.72 1.25 0.00	39.09 2.29 0.00	42.18 2.34 0.00	37.86 1.89 0.00	26.34 1.41 0.00	26.92 1.34 0.00	24.30 1.08 0.00	21.32 0.82 0.00
GARDENVILLE___LBMP 24039	16.02 -1.33 0.00	16.91 -1.23 0.00	15.81 -1.12 0.00	16.25 -1.16 0.00	16.28 -1.10 0.00	14.82 -0.93 0.00	15.95 -1.12 0.00	18.32 -1.28 0.00	21.31 -1.09 0.00	24.20 -0.73 0.00	24.75 -0.62 0.00	21.74 -0.60 0.00	27.05 -0.54 0.00	29.01 -0.54 0.00	30.03 -0.49 0.00	23.84 -0.40 0.00	22.95 -0.52 0.00	35.97 -0.84 0.00	39.10 -0.74 0.00	34.97 -0.99 0.00	23.79 -1.14 0.00	24.29 -1.30 0.00	21.78 -1.44 0.00	19.48 -1.02 0.00
GARDNVLA_35_KV_LD 355827	16.09 -1.26 0.00	16.98 -1.17 0.00	15.88 -1.05 0.00	16.31 -1.09 0.00	16.35 -1.03 0.00	14.88 -0.87 0.00	16.01 -1.06 0.00	18.40 -1.21 0.00	21.41 -0.98 0.00	24.35 -0.59 0.00	24.90 -0.47 0.00	21.87 -0.48 0.00	27.22 -0.37 0.00	29.19 -0.36 0.00	30.20 -0.33 0.00	23.96 -0.28 0.00	23.06 -0.41 0.00	36.14 -0.66 0.00	39.31 -0.53 0.00	35.17 -0.80 0.00	23.91 -1.02 0.00	24.40 -1.18 0.00	21.88 -1.35 0.00	19.56 -0.94 0.00
GELCKHM___115KV_LOAD 80723	16.87 -0.48 0.00	17.62 -0.52 0.00	16.40 -0.54 0.00	16.85 -0.55 0.00	16.86 -0.53 0.00	15.35 -0.40 0.00	16.66 -0.41 0.00	19.16 -0.44 0.00	21.95 -0.44 0.00	24.52 -0.42 0.00	24.94 -0.43 0.00	21.94 -0.41 0.00	27.14 -0.46 0.00	29.23 -0.33 0.00	30.16 -0.37 0.00	23.93 -0.31 0.00	23.18 -0.29 0.00	36.42 -0.39 0.00	39.42 -0.42 0.00	35.44 -0.53 0.00	24.50 -0.43 0.00	25.06 -0.52 0.00	22.65 -0.57 0.00	20.02 -0.48 0.00
GENERAL___MILLS 23808	16.07 -1.28 0.00	16.97 -1.17 0.00	15.87 -1.06 0.00	16.30 -1.10 0.00	16.34 -1.04 0.00	14.87 -0.88 0.00	16.00 -1.07 0.00	18.38 -1.22 0.00	21.39 -1.00 0.00	24.31 -0.63 0.00	24.86 -0.51 0.00	21.83 -0.51 0.00	27.17 -0.42 0.00	29.15 -0.41 0.00	30.15 -0.37 0.00	23.92 -0.31 0.00	23.04 -0.43 0.00	36.09 -0.71 0.00	39.25 -0.59 0.00	35.12 -0.85 0.00	23.87 -1.06 0.00	24.37 -1.22 0.00	21.86 -1.36 0.00	19.54 -0.95 0.00
GE_PLASTICS___DRP 24183	17.76 0.41 0.00	18.52 0.37 0.00	17.28 0.34 0.00	17.74 0.34 0.00	17.75 0.37 0.00	16.21 0.46 0.00	23.68 0.58 -6.03	20.29 0.68 0.00	23.11 0.71 0.00	25.60 0.66 0.00	25.90 0.53 0.00	22.73 0.38 0.00	28.09 0.49 0.00	30.07 0.51 0.00	31.02 0.49 0.00	24.72 0.49 0.00	24.09 0.62 0.00	38.03 1.23 0.00	41.16 1.32 0.00	37.03 1.06 0.00	25.78 0.85 0.00	26.38 0.80 0.00	24.00 0.78 0.00	21.13 0.63 0.00
GILBOA___1 23756	17.78 0.44 0.00	18.55 0.40 0.00	17.31 0.37 0.00	17.76 0.36 0.00	17.79 0.41 0.00	16.24 0.49 0.00	18.70 0.63 -1.01	20.37 0.76 0.00	23.24 0.85 0.00	25.80 0.86 0.00	26.20 0.83 0.00	22.97 0.63 0.00	28.35 0.75 0.00	30.34 0.79 0.00	31.32 0.79 0.00	24.98 0.75 0.00	24.29 0.82 0.00	38.19 1.38 0.00	41.31 1.47 0.00	37.22 1.24 0.00	25.89 0.96 0.00	26.47 0.88 0.00	23.96 0.74 0.00	21.12 0.62 0.00
GILBOA___2 23757	17.78 0.44 0.00	18.55 0.40 0.00	17.31 0.37 0.00	17.76 0.36 0.00	17.79 0.41 0.00	16.24 0.49 0.00	18.70 0.63 -1.01	20.37 0.76 0.00	23.24 0.85 0.00	25.80 0.86 0.00	26.20 0.83 0.00	22.97 0.63 0.00	28.35 0.75 0.00	30.34 0.79 0.00	31.32 0.79 0.00	24.98 0.75 0.00	24.29 0.82 0.00	38.19 1.38 0.00	41.31 1.47 0.00	37.22 1.24 0.00	25.89 0.96 0.00	26.47 0.88 0.00	23.96 0.74 0.00	21.12 0.62 0.00
GILBOA___3 23758	17.78 0.44 0.00	18.55 0.40 0.00	17.31 0.37 0.00	17.76 0.36 0.00	17.79 0.41 0.00	16.24 0.49 0.00	18.70 0.63 -1.01	20.37 0.76 0.00	23.24 0.85 0.00	25.80 0.86 0.00	26.20 0.83 0.00	22.97 0.63 0.00	28.35 0.75 0.00	30.34 0.79 0.00	31.32 0.79 0.00	24.98 0.75 0.00	24.29 0.82 0.00	38.19 1.38 0.00	41.31 1.47 0.00	37.22 1.24 0.00	25.89 0.96 0.00	26.47 0.88 0.00	23.96 0.74 0.00	21.12 0.62 0.00

GILBOA___4 23759	17.78 0.44 0.00	18.55 0.40 0.00	17.31 0.37 0.00	17.76 0.36 0.00	17.79 0.41 0.00	16.24 0.49 0.00	18.70 0.63 -1.01	20.37 0.76 0.00	23.24 0.85 0.00	25.80 0.86 0.00	26.20 0.83 0.00	22.97 0.63 0.00	28.35 0.75 0.00	30.34 0.79 0.00	31.32 0.79 0.00	24.98 0.75 0.00	24.29 0.82 0.00	38.19 1.38 0.00	41.31 1.47 0.00	37.22 1.24 0.00	25.89 0.96 0.00	26.47 0.88 0.00	23.96 0.74 0.00	21.12 0.62 0.00
GILBOA____ 23599	17.78 0.44 0.00	18.55 0.40 0.00	17.30 0.37 0.00	17.76 0.36 0.00	17.79 0.40 0.00	16.24 0.50 0.00	18.70 0.63 -1.01	20.37 0.76 0.00	23.24 0.85 0.00	25.80 0.87 0.00	26.20 0.83 0.00	22.97 0.63 0.00	28.35 0.75 0.00	30.34 0.79 0.00	31.32 0.79 0.00	24.98 0.75 0.00	24.29 0.82 0.00	38.19 1.39 0.00	41.30 1.46 0.00	37.21 1.24 0.00	25.89 0.96 0.00	26.47 0.88 0.00	23.96 0.74 0.00	21.11 0.61 0.00
GINNA____ 23603	15.31 -1.60 0.44	15.35 -1.62 1.17	14.53 -1.53 0.87	15.28 -1.55 0.57	14.79 -1.53 1.07	13.82 -1.28 0.64	15.57 -1.39 0.11	18.03 -1.58 0.00	20.26 -1.60 0.52	22.83 -1.55 0.56	22.92 -1.53 0.93	19.88 -1.37 1.10	26.02 -1.57 0.00	27.89 -1.66 0.00	28.79 -1.73 0.00	22.85 -1.38 0.00	21.61 -1.38 0.48	34.52 -2.16 0.11	37.35 -2.26 0.24	33.69 -2.28 0.00	22.44 -1.85 0.64	23.38 -2.03 0.17	20.84 -2.04 0.34	18.79 -1.70 0.00
GLEN PARK____ 23778	18.13 -0.45 -1.23	17.66 -0.49 0.00	16.31 -0.62 0.00	16.77 -0.63 0.00	16.77 -0.61 0.00	15.23 -0.51 0.00	16.69 -0.39 0.00	19.21 -0.40 0.00	21.92 -0.47 0.00	24.50 -0.44 0.00	24.97 -0.40 0.00	22.20 -0.15 0.00	27.46 -0.13 0.00	29.56 0.00 0.00	30.64 0.11 0.00	24.46 0.22 0.00	23.88 0.41 0.00	37.75 0.95 0.00	40.94 1.10 0.00	36.73 0.76 0.00	25.05 0.12 0.00	25.60 0.01 0.00	23.15 -0.07 0.00	20.37 -0.13 0.00
GLENDALE_27_KV_LOAD 356172	18.51 1.17 0.00	19.22 1.07 0.00	17.96 1.03 0.00	18.38 0.98 0.00	18.46 1.08 0.00	17.01 1.27 0.00	20.24 1.54 -1.63	21.50 1.90 0.00	24.48 2.09 0.00	27.13 2.20 0.00	27.52 2.15 0.00	24.07 1.72 -0.01	29.58 1.99 0.00	31.69 2.13 -0.01	32.74 2.22 0.00	26.18 1.94 0.00	25.52 2.05 0.00	39.97 3.17 0.00	43.22 3.38 0.00	38.88 2.91 0.00	34.73 2.12 -7.68	40.28 1.92 -12.78	28.69 1.59 -3.89	21.82 1.32 0.00
GLENWOOD_IC_1_G5 23712	18.90 1.40 -0.15	19.46 1.32 0.00	18.17 1.24 0.00	18.62 1.22 0.00	18.69 1.30 0.00	17.18 1.43 0.00	20.37 1.67 -1.63	21.54 1.93 0.00	24.41 2.02 0.00	26.97 2.03 0.00	27.68 2.31 0.00	24.27 1.93 0.00	29.84 2.25 0.00	31.89 2.33 0.00	33.00 2.47 0.00	28.68 2.14 -2.31	30.16 2.22 -4.47	40.19 3.38 0.00	43.10 3.26 0.00	38.84 2.87 0.00	27.34 2.41 0.00	27.79 2.21 0.00	25.01 1.79 0.00	21.97 1.47 0.00
GLENWOOD_IC_2_G1 23688	18.81 1.31 -0.15	19.38 1.23 0.00	18.09 1.16 0.00	18.53 1.13 0.00	18.60 1.22 0.00	17.10 1.35 0.00	20.28 1.58 -1.63	21.44 1.84 0.00	24.36 1.97 0.00	26.91 1.97 0.00	27.53 2.16 0.00	24.13 1.79 0.00	29.68 2.09 0.00	31.72 2.16 0.00	32.82 2.29 0.00	28.61 2.06 -2.31	30.09 2.14 -4.47	40.08 3.28 0.00	43.11 3.27 0.00	38.84 2.87 0.00	27.20 2.27 0.00	27.66 2.07 0.00	24.90 1.68 0.00	21.87 1.38 0.00
GLENWOOD_IC_3_G1 23689	18.81 1.31 -0.15	19.38 1.23 0.00	18.09 1.16 0.00	18.53 1.13 0.00	18.60 1.22 0.00	17.10 1.35 0.00	20.28 1.58 -1.63	21.44 1.84 0.00	24.36 1.97 0.00	26.91 1.97 0.00	27.53 2.16 0.00	24.13 1.79 0.00	29.68 2.09 0.00	31.72 2.16 0.00	32.82 2.29 0.00	28.61 2.06 -2.31	30.09 2.14 -4.47	40.08 3.28 0.00	43.11 3.27 0.00	38.84 2.87 0.00	27.20 2.27 0.00	27.66 2.07 0.00	24.90 1.68 0.00	21.87 1.38 0.00
GLENWOOD___4 23550	18.90 1.40 -0.15	19.46 1.32 0.00	18.17 1.24 0.00	18.62 1.22 0.00	18.69 1.30 0.00	17.18 1.43 0.00	20.37 1.67 -1.63	21.54 1.94 0.00	24.44 2.05 0.00	26.99 2.05 0.00	27.68 2.31 0.00	24.27 1.93 0.00	29.84 2.25 0.00	31.89 2.33 0.00	33.01 2.48 0.00	28.72 2.17 -2.31	30.18 2.24 -4.47	40.24 3.44 0.00	43.20 3.36 0.00	38.92 2.95 0.00	27.34 2.41 0.00	27.79 2.21 0.00	25.01 1.79 0.00	21.97 1.47 0.00
GLENWOOD___5 23614	18.90 1.40 -0.15	19.46 1.32 0.00	18.17 1.24 0.00	18.62 1.22 0.00	18.69 1.30 0.00	17.18 1.43 0.00	20.37 1.67 -1.63	21.54 1.94 0.00	24.44 2.05 0.00	26.99 2.05 0.00	27.68 2.31 0.00	24.27 1.93 0.00	29.84 2.25 0.00	31.89 2.33 0.00	33.01 2.48 0.00	28.72 2.17 -2.31	30.18 2.24 -4.47	40.24 3.44 0.00	43.20 3.36 0.00	38.92 2.95 0.00	27.34 2.41 0.00	27.79 2.21 0.00	25.01 1.79 0.00	21.97 1.47 0.00
GLOBAL GREEN_PORT_GT1 23814	19.63 2.13 -0.15	20.22 2.07 0.00	18.90 1.96 0.00	19.36 1.96 0.00	19.44 2.06 0.00	30.22 2.13 -12.35	32.43 2.37 -12.98	24.83 2.72 -2.50	25.58 2.90 -0.29	27.70 2.76 0.00	28.40 3.02 0.00	24.89 2.55 0.00	30.56 2.97 0.00	32.70 3.14 0.00	33.89 3.36 0.00	29.66 3.11 -2.32	31.14 3.19 -4.47	105.58 4.91 -63.87	92.72 4.82 -48.05	65.35 4.28 -25.10	37.41 3.22 -9.26	40.89 2.96 -12.35	28.74 2.43 -3.09	22.46 1.96 0.00
GLOBE___DSASP 323697	15.51 -1.84 0.00	16.45 -1.69 0.00	15.37 -1.57 0.00	15.79 -1.61 0.00	15.86 -1.52 0.00	14.42 -1.32 0.00	15.41 -1.66 0.00	17.55 -2.06 0.00	20.47 -1.93 0.00	23.25 -1.69 0.00	23.79 -1.58 0.00	20.93 -1.41 0.00	25.86 -1.73 0.00	27.69 -1.87 0.00	28.60 -1.92 0.00	22.67 -1.57 0.00	21.87 -1.60 0.00	34.17 -2.63 0.00	37.22 -2.62 0.00	33.28 -2.69 0.00	22.63 -2.30 0.00	23.04 -2.54 0.00	20.67 -2.55 0.00	18.53 -1.97 0.00
GOETHSLN___LBMP 323567	18.33 0.98 0.00	19.02 0.88 0.00	17.78 0.84 0.00	18.21 0.81 0.00	18.28 0.90 0.00	16.85 1.10 0.00	20.06 1.35 -1.63	21.27 1.66 0.00	24.18 1.79 0.00	26.80 1.87 0.00	27.17 1.80 0.00	23.75 1.40 0.00	29.19 1.59 0.00	31.25 1.69 0.00	32.29 1.76 0.00	25.83 1.59 0.00	25.21 1.74 0.00	39.49 2.69 0.00	42.69 2.85 0.00	38.39 2.42 0.00	26.76 1.83 0.00	27.25 1.66 0.00	24.55 1.33 0.00	21.59 1.09 0.00
GOLAH___69_KV_TB 1_2 80279	16.45 -0.90 0.00	17.30 -0.85 0.00	16.14 -0.79 0.00	16.60 -0.80 0.00	16.62 -0.75 0.00	15.15 -0.59 0.00	16.38 -0.69 0.00	18.85 -0.76 0.00	21.79 -0.60 0.00	24.59 -0.34 0.00	25.09 -0.28 0.00	22.05 -0.29 0.00	27.39 -0.20 0.00	29.35 -0.20 0.00	30.31 -0.22 0.00	24.03 -0.20 0.00	23.19 -0.28 0.00	36.37 -0.43 0.00	39.53 -0.31 0.00	35.41 -0.56 0.00	24.16 -0.77 0.00	24.67 -0.92 0.00	22.14 -1.08 0.00	19.70 -0.79 0.00
GOODYEAR_LAKE_HYD 323669	17.90 0.55 0.00	18.70 0.55 0.00	17.44 0.51 0.00	17.90 0.50 0.00	17.94 0.56 0.00	16.32 0.57 0.00	22.69 0.72 -4.89	20.50 0.90 0.00	23.49 1.10 0.00	26.19 1.26 0.00	26.68 1.31 0.00	23.43 1.09 0.00	28.93 1.34 0.00	31.04 1.48 0.00	32.09 1.56 0.00	25.53 1.29 0.00	24.80 1.33 0.00	38.88 2.08 0.00	42.07 2.23 0.00	37.88 1.91 0.00	26.15 1.22 0.00	26.77 1.19 0.00	24.20 0.98 0.00	21.36 0.86 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	17.31 -0.05 0.00	18.11 -0.03 0.00	16.86 -0.07 0.00	17.34 -0.07 0.00	17.35 -0.03 0.00	15.79 0.04 0.00	17.98 0.15 -0.75	19.88 0.28 0.00	22.80 0.41 0.00	25.41 0.47 0.00	25.82 0.45 0.00	22.69 0.35 0.00	28.11 0.52 0.00	30.13 0.58 0.00	31.12 0.59 0.00	24.76 0.52 0.00	23.95 0.48 0.00	37.70 0.90 0.00	40.72 0.88 0.00	36.61 0.64 0.00	25.35 0.42 0.00	25.93 0.35 0.00	23.44 0.22 0.00	20.72 0.22 0.00
GOUDEY___7 23579	17.32 -0.03 0.00	18.13 -0.02 0.00	16.87 -0.06 0.00	17.35 -0.06 0.00	17.36 -0.02 0.00	15.80 0.06 0.00	17.99 0.17 -0.75	19.90 0.30 0.00	22.82 0.42 0.00	25.43 0.50 0.00	25.84 0.47 0.00	22.72 0.37 0.00	28.14 0.55 0.00	30.17 0.61 0.00	31.15 0.62 0.00	24.78 0.55 0.00	23.97 0.50 0.00	37.74 0.94 0.00	40.76 0.92 0.00	36.64 0.67 0.00	25.37 0.44 0.00	25.96 0.37 0.00	23.46 0.24 0.00	20.74 0.24 0.00
GOUDEY___8 23580	17.31 -0.05 0.00	18.11 -0.03 0.00	16.86 -0.07 0.00	17.34 -0.07 0.00	17.35 -0.03 0.00	15.79 0.04 0.00	17.98 0.15 -0.75	19.88 0.28 0.00	22.80 0.41 0.00	25.41 0.47 0.00	25.82 0.45 0.00	22.69 0.35 0.00	28.11 0.52 0.00	30.13 0.58 0.00	31.12 0.59 0.00	24.76 0.52 0.00	23.95 0.48 0.00	37.70 0.90 0.00	40.72 0.88 0.00	36.61 0.64 0.00	25.35 0.42 0.00	25.93 0.35 0.00	23.44 0.22 0.00	20.72 0.22 0.00
GOWANUS_GT1_1 24077	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT1_2 24078	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT1_3 24079	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT1_4 24080	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT1_5 24084	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 																	

GOWANUS_GT2_5 24118	18.54	19.25	18.00	18.41	18.50	17.04	20.26	21.51	24.48	27.11	27.50	24.10	29.57	31.69	32.72	26.15	25.48	39.90	43.15	38.84	71.80	102.02	47.48	21.85
	1.19	1.10	1.06	1.00	1.12	1.29	1.55	1.91	2.08	2.18	2.12	1.71	1.97	2.11	2.19	1.91	2.01	3.10	3.30	2.87	2.12	1.93	1.60	1.35
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-44.75	-74.51	-22.66	0.00
GOWANUS_GT2_6 24119	18.54	19.25	18.00	18.41	18.50	17.04	20.26	21.51	24.48	27.11	27.50	24.10	29.57	31.69	32.72	26.15	25.48	39.90	43.15	38.84	71.80	102.02	47.48	21.85
	1.19	1.10	1.06	1.00	1.12	1.29	1.55	1.91	2.08	2.18	2.12	1.71	1.97	2.11	2.19	1.91	2.01	3.10	3.30	2.87	2.12	1.93	1.60	1.35
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-44.75	-74.51	-22.66	0.00
GOWANUS_GT2_7 24120	18.54	19.25	18.00	18.41	18.50	17.04	20.26	21.51	24.48	27.11	27.50	24.10	29.57	31.69	32.72	26.15	25.48	39.90	43.15	38.84	71.80	102.02	47.48	21.85
	1.19	1.10	1.06	1.00	1.12	1.29	1.55	1.91	2.08	2.18	2.12	1.71	1.97	2.11	2.19	1.91	2.01	3.10	3.30	2.87	2.12	1.93	1.60	1.35
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-44.75	-74.51	-22.66	0.00
GOWANUS_GT2_8 24121	18.54	19.25	18.00	18.41	18.50	17.04	20.26	21.51	24.48	27.11	27.50	24.10	29.57	31.69	32.72	26.15	25.48	39.90	43.15	38.84	71.80	102.02	47.48	21.85
	1.19	1.10	1.06	1.00	1.12	1.29	1.55	1.91	2.08	2.18	2.12	1.71	1.97	2.11	2.19	1.91	2.01	3.10	3.30	2.87	2.12	1.93	1.60	1.35
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-44.75	-74.51	-22.66	0.00
GOWANUS_GT3_1 24122	18.54	19.25	18.00	18.41	18.50	17.04	20.26	21.51	24.48	27.11	27.50	24.10	29.57	31.69	32.72	26.15	25.48	39.90	43.15	38.84	71.80	102.02	47.48	21.85
	1.19	1.10	1.06	1.00	1.12	1.29	1.55	1.91	2.08	2.18	2.12	1.71	1.97	2.11	2.19	1.91	2.01	3.10	3.30	2.87	2.12	1.93	1.60	1.35
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-44.75	-74.51	-22.66	0.00
GOWANUS_GT3_2 24123	18.54	19.25	18.00	18.41	18.50	17.04	20.26	21.51	24.48	27.11	27.50	24.10	29.57	31.69	32.72	26.15	25.48	39.90	43.15	38.84	71.80	102.02	47.48	21.85
	1.19	1.10	1.06	1.00	1.12	1.29	1.55	1.91	2.08	2.18	2.12	1.71	1.97	2.11	2.19	1.91	2.01	3.10	3.30	2.87	2.12	1.93	1.60	1.35
	-0.01	0.00	0.00	0.00	0.00	0.																		

GOWANUS_GT4_4 24133	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT4_5 24134	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT4_6 24135	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT4_7 24136	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GOWANUS_GT4_8 24137	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GREENBSH_115KV_TB3 55895	17.74 0.39 0.00	18.49 0.34 0.00	17.25 0.32 0.00	17.71 0.31 0.00	17.73 0.35 0.00	16.19 0.45 0.00	25.33 0.57 -7.69	20.26 0.65 0.00	23.06 0.67 0.00	25.51 0.57 0.00	25.75 0.38 0.00	22.59 0.24 0.00	27.92 0.32 0.00	29.89 0.34 0.00	30.82 0.29 0.00	24.56 0.32 0.00	23.96 0.49 0.00	37.88 1.08 0.00	40.98 1.14 0.00	36.84 0.87 0.00	25.68 0.75 0.00	26.30 0.71 0.00	23.99 0.78 0.00	21.12 0.62 0.00
GREENDGE_115KV_TB5 80291	16.86 -0.49 0.00	17.74 -0.41 0.00	16.46 -0.47 0.00	16.96 -0.44 0.00	16.99 -0.39 0.00	15.43 -0.31 0.00	17.34 -0.18 -0.45	19.57 -0.04 0.00	22.53 0.13 0.00	25.18 0.25 0.00	25.55 0.17 0.00	22.53 0.19 0.00	27.95 0.35 0.00	29.98 0.42 0.00	30.98 0.45 0.00	24.79 0.56 0.00	23.89 0.42 0.00	37.41 0.61 0.00	40.41 0.57 0.00	36.27 0.30 0.00	25.09 0.16 0.00	25.77 0.18 0.00	23.22 0.00 0.00	20.56 0.06 0.00
GREENIDGE___3 23582	16.86 -0.49 0.00	17.74 -0.41 0.00	16.46 -0.47 0.00	16.96 -0.44 0.00	16.99 -0.39 0.00	15.43 -0.31 0.00	17.34 -0.18 -0.45	19.57 -0.04 0.00	22.53 0.13 0.00	25.18 0.25 0.00	25.55 0.17 0.00	22.53 0.19 0.00	27.95 0.35 0.00	29.98 0.42 0.00	30.98 0.45 0.00	24.79 0.56 0.00	23.89 0.42 0.00	37.41 0.61 0.00	40.41 0.57 0.00	36.27 0.30 0.00	25.09 0.16 0.00	25.77 0.18 0.00	23.22 0.00 0.00	20.56 0.06 0.00
GREENIDGE___4 23583	17.21 -0.50 -0.36	18.68 -0.42 -0.95	17.16 -0.48 -0.71	17.42 -0.44 -0.46	17.85 -0.39 -0.86	15.95 -0.32 -0.52	17.42 -0.18 -0.53	19.57 -0.04 0.00	22.95 0.13 -0.42	25.63 0.25 -0.45	26.30 0.18 -0.75	23.42 0.19 -0.88	27.95 0.36 0.00	29.98 0.42 0.00	30.98 0.45 0.00	24.79 0.56 0.00	24.27 0.42 -0.39	37.50 0.61 -0.09	40.60 0.57 -0.19	36.26 0.29 0.00	25.62 0.17 -0.53	25.91 0.18 -0.14	23.50 0.00 -0.28	20.56 0.06 0.00
GREENLWN_69_KV_BK 3 55738	18.80 1.30 -0.15	19.36 1.22 0.00	18.08 1.15 0.00	18.52 1.12 0.00	18.59 1.21 0.00	11.44 1.34 5.64	15.01 1.50 3.55	20.18 1.72 1.14	24.10 1.84 0.13	26.74 1.80 0.00	27.47 2.10 0.00	24.09 1.74 0.00	29.63 2.04 0.00	31.67 2.11 0.00	32.78 2.26 0.00	28.62 2.07 -2.31	30.09 2.15 -4.47	10.77 3.16 29.19	20.98 3.10 21.97	27.18 2.68 11.47	22.88 2.19 4.23	21.98 2.04 5.64	23.45 1.64 1.41	21.84 1.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
GRISSOM___SOLAR 323813	18.91 1.56 0.00	19.68 1.54 0.00	18.37 1.44 0.00	18.88 1.48 0.00	18.89 1.51 0.00	17.25 1.50 0.00	35.19 1.74 -16.38	21.62 2.02 0.00	24.29 1.89 0.00	26.55 1.62 0.00	27.39 2.02 0.00	23.71 1.36 0.00	30.07 2.48 0.00	32.55 2.99 0.00	33.63 3.11 0.00	26.95 2.72 0.00	26.13 2.67 0.00	41.36 4.56 0.00	44.87 5.02 0.00	40.41 4.44 0.00	27.77 2.84 0.00	28.42 2.83 0.00	25.67 2.45 0.00	22.50 2.00 0.00
GROVEVILLE___HYD 323602	18.43 1.08 0.00	19.17 1.03 0.00	18.02 1.09 0.00	18.48 1.07 0.00	18.54 1.16 0.00	17.02 1.27 0.00	20.35 1.55 -1.73	21.47 1.86 0.00	24.45 2.06 0.00	27.10 2.16 0.00	27.47 2.10 0.00	23.99 1.65 0.00	29.56 1.97 0.00	31.59 2.04 0.00	32.61 2.09 0.00	26.13 1.90 0.00	25.47 2.00 0.00	40.12 3.32 0.00	43.44 3.60 0.00	39.03 3.06 0.00	27.16 2.24 0.00	27.67 2.09 0.00	24.95 1.73 0.00	21.93 1.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.99 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.77 -0.30 0.00	19.29 -0.32 0.00	22.10 -0.30 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.51 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.86 -0.37 0.00	20.20 -0.29 0.00
HAMLTNNY_34_KV_TB 80303	16.98 -0.37 0.00	17.71 -0.44 0.00	16.49 -0.44 0.00	16.93 -0.47 0.00	16.95 -0.43 0.00	15.44 -0.31 0.00	16.77 -0.30 0.00	19.26 -0.34 0.00	22.09 -0.30 0.00	24.66 -0.27 0.00	25.11 -0.26 0.00	22.05 -0.29 0.00	27.28 -0.31 0.00	29.74 0.18 0.00	30.72 0.19 0.00	24.21 -0.02 0.00	23.47 0.00 0.00	36.82 0.02 0.00	39.89 0.05 0.00	35.89 -0.08 0.00	24.79 -0.14 0.00	25.34 -0.25 0.00	22.90 -0.32 0.00	20.25 -0.25 0.00

HAMPSHIRE___PAPER_HYD 323593	20.10 -0.47 -3.22	17.75 -0.39 0.00	16.56 -0.37 0.00	17.06 -0.34 0.00	16.92 -0.46 0.00	15.17 -0.58 0.00	16.52 -0.55 0.00	18.97 -0.64 0.00	21.63 -0.77 0.00	24.15 -0.79 0.00	24.68 -0.69 0.00	21.91 -0.44 0.00	27.12 -0.48 0.00	29.02 -0.54 0.00	30.01 -0.52 0.00	23.84 -0.40 0.00	23.09 -0.38 0.00	36.22 -0.58 0.00	39.27 -0.57 0.00	35.57 -0.41 0.00	24.45 -0.47 0.00	25.12 -0.46 0.00	22.94 -0.28 0.00	20.26 -0.24 0.00
HARDSCRABBLE_WT_PWR 323673	17.56 0.20 0.00	18.21 0.06 0.00	17.00 0.07 0.00	17.48 0.08 0.00	17.50 0.12 0.00	16.00 0.25 0.00	17.44 0.36 0.00	20.07 0.47 0.00	22.91 0.52 0.00	25.38 0.45 0.00	25.76 0.40 0.00	22.59 0.25 0.00	27.98 0.39 0.00	29.95 0.40 0.00	30.92 0.39 0.00	24.75 0.51 0.00	24.00 0.53 0.00	38.01 1.21 0.00	41.00 1.16 0.00	36.77 0.80 0.00	25.73 0.80 0.00	26.31 0.72 0.00	23.83 0.61 0.00	20.98 0.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.34 0.99 0.00	19.06 0.91 0.00	17.80 0.86 0.00	18.24 0.84 0.00	18.31 0.93 0.00	16.82 1.07 0.00	19.91 1.31 -1.53	21.19 1.58 0.00	24.14 1.74 0.00	26.74 1.81 0.00	27.14 1.77 0.00	23.71 1.37 0.00	29.18 1.59 0.00	31.24 1.69 0.00	32.28 1.76 0.00	25.81 1.57 0.00	25.18 1.71 0.00	39.57 2.77 0.00	42.83 2.99 0.00	38.48 2.51 0.00	26.77 1.84 0.00	27.27 1.69 0.00	24.60 1.38 0.00	21.64 1.14 0.00
HARSNRAD_115KV_TB1 81005	15.79 -1.55 0.00	16.73 -1.42 0.00	15.62 -1.31 0.00	16.05 -1.35 0.00	16.12 -1.26 0.00	14.66 -1.09 0.00	15.70 -1.37 0.00	18.01 -1.60 0.00	20.95 -1.44 0.00	23.80 -1.13 0.00	24.32 -1.05 0.00	21.38 -0.97 0.00	26.58 -1.01 0.00	28.47 -1.09 0.00	29.42 -1.11 0.00	23.31 -0.92 0.00	22.44 -1.03 0.00	35.15 -1.65 0.00	38.27 -1.57 0.00	34.23 -1.74 0.00	23.21 -1.71 0.00	23.69 -1.90 0.00	21.23 -1.99 0.00	19.03 -1.47 0.00
HARZA MOOSE___RIVER 24016	18.16 -0.09 -0.90	18.08 -0.07 0.00	16.76 -0.17 0.00	17.23 -0.17 0.00	17.25 -0.12 0.00	15.66 -0.09 0.00	17.06 -0.01 0.00	19.60 -0.01 0.00	22.41 0.02 0.00	25.05 0.11 0.00	25.56 0.19 0.00	22.67 0.32 0.00	28.08 0.48 0.00	30.07 0.51 0.00	31.01 0.48 0.00	24.68 0.44 0.00	23.99 0.52 0.00	37.79 0.99 0.00	40.95 1.11 0.00	36.96 0.99 0.00	25.47 0.54 0.00	26.03 0.44 0.00	23.64 0.42 0.00	20.79 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.91 -0.44 0.00	17.66 -0.48 0.00	16.43 -0.50 0.00	16.88 -0.52 0.00	16.89 -0.49 0.00	15.38 -0.37 0.00	16.70 -0.37 0.00	19.23 -0.38 0.00	22.03 -0.36 0.00	24.61 -0.33 0.00	25.03 -0.34 0.00	22.02 -0.32 0.00	27.25 -0.34 0.00	29.25 -0.31 0.00	30.16 -0.36 0.00	23.97 -0.27 0.00	23.21 -0.26 0.00	36.47 -0.34 0.00	39.47 -0.37 0.00	35.46 -0.50 0.00	24.51 -0.42 0.00	25.07 -0.51 0.00	22.65 -0.57 0.00	20.03 -0.47 0.00
HELLGATE_13_KV_LD 55870	18.42 1.07 0.00	19.13 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.40 1.79 0.00	24.36 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.93 1.58 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.56 2.03 0.00	26.03 1.79 0.00	25.37 1.91 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.66 2.69 0.00	34.52 1.96 -7.63	40.05 1.75 -12.71	28.54 1.45 -3.87	21.72 1.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.42 1.07 0.00	19.13 0.98 0.00	17.88 0.95 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.16 1.45 -1.63	21.40 1.79 0.00	24.36 1.96 0.00	26.99 2.05 0.00	27.36 2.00 0.00	23.93 1.58 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.56 2.03 0.00	26.03 1.79 0.00	25.37 1.91 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.66 2.69 0.00	34.52 1.96 -7.63	40.05 1.75 -12.71	28.54 1.45 -3.87	21.72 1.22 0.00
HEMPSTEAD____ 23647	18.84 1.34 -0.15	19.39 1.25 0.00	18.11 1.18 0.00	18.55 1.15 0.00	18.62 1.24 0.00	17.11 1.37 0.00	20.29 1.59 -1.63	21.46 1.86 0.00	24.37 1.98 0.00	26.90 1.96 0.00	27.55 2.18 0.00	24.16 1.82 0.00	29.71 2.12 0.00	31.74 2.18 0.00	32.87 2.34 0.00	28.66 2.11 -2.31	30.12 2.18 -4.47	40.14 3.34 0.00	43.13 3.29 0.00	38.86 2.89 0.00	27.23 2.30 0.00	27.67 2.08 0.00	24.90 1.69 0.00	21.88 1.38 0.00
HEWLETT__69_KV_BK3 55828	18.94 1.44 -0.15	19.50 1.35 0.00	18.20 1.27 0.00	18.64 1.24 0.00	18.70 1.32 0.00	17.19 1.45 0.00	20.40 1.69 -1.63	21.55 1.94 0.00	24.50 2.11 0.00	27.06 2.12 0.00	27.67 2.30 0.00	24.28 1.94 0.00	29.86 2.27 0.00	31.90 2.34 0.00	33.01 2.48 0.00	28.77 2.22 -2.31	30.26 2.32 -4.47	40.31 3.50 0.00	43.47 3.63 0.00	39.16 3.19 0.00	27.37 2.44 0.00	27.82 2.23 0.00	25.04 1.82 0.00	22.00 1.51 0.00
HICKLING___1 23621	16.85 -0.50 0.00	17.73 -0.42 0.00	16.45 -0.48 0.00	16.95 -0.45 0.00	16.97 -0.41 0.00	15.41 -0.34 0.00	17.47 -0.17 -0.57	19.63 0.02 0.00	22.59 0.19 0.00	25.21 0.27 0.00	25.58 0.21 0.00	22.56 0.22 0.00	28.08 0.49 0.00	30.16 0.61 0.00	31.24 0.71 0.00	24.87 0.63 0.00	23.92 0.45 0.00	37.79 0.99 0.00	40.65 0.80 0.00	36.53 0.56 0.00	25.30 0.37 0.00	25.93 0.34 0.00	23.39 0.17 0.00	20.72 0.22 0.00
HICKLING___2 23622	16.85 -0.50 0.00	17.73 -0.42 0.00	16.45 -0.48 0.00	16.95 -0.45 0.00	16.97 -0.41 0.00	15.41 -0.34 0.00	17.47 -0.17 -0.57	19.63 0.02 0.00	22.59 0.19 0.00	25.21 0.27 0.00	25.58 0.21 0.00	22.56 0.22 0.00	28.08 0.49 0.00	30.16 0.61 0.00	31.24 0.71 0.00	24.87 0.63 0.00	23.92 0.45 0.00	37.79 0.99 0.00	40.65 0.80 0.00	36.53 0.56 0.00	25.30 0.37 0.00	25.93 0.34 0.00	23.39 0.17 0.00	20.72 0.22 0.00
HIGH FALLS___HY 23754	18.44 1.09 0.00	19.15 1.00 0.00	17.94 1.01 0.00	18.40 0.99 0.00	18.46 1.08 0.00	16.97 1.22 0.00	21.00 1.51 -2.43	21.45 1.84 0.00	24.44 2.04 0.00	27.03 2.09 0.00	27.38 2.01 0.00	23.76 1.41 0.00	29.19 1.60 0.00	31.19 1.63 0.00	32.20 1.67 0.00	25.77 1.53 0.00	25.23 1.76 0.00	39.80 3.00 0.00	43.14 3.30 0.00	38.82 2.86 0.00	27.16 2.23 0.00	27.64 2.06 0.00	24.84 1.62 0.00	21.82 1.32 0.00
HILLBURN___GT 23639	18.34 0.99 0.00	19.04 0.90 0.00	17.79 0.86 0.00	18.23 0.83 0.00	18.30 0.92 0.00	16.82 1.07 0.00	19.94 1.32 -1.55	21.20 1.59 0.00	24.12 1.73 0.00	26.74 1.80 0.00	27.13 1.76 0.00	23.70 1.36 0.00	29.16 1.56 0.00	31.23 1.67 0.00	32.26 1.73 0.00	25.80 1.56 0.00	25.16 1.69 0.00	39.50 2.70 0.00	42.75 2.91 0.00	38.40 2.43 0.00	26.73 1.80 0.00	27.24 1.65 0.00	24.55 1.33 0.00	21.60 1.10 0.00
HILLSIDE_115KV_TB1 80332	16.75 -0.60 0.00	17.59 -0.56 0.00	16.33 -0.60 0.00	16.83 -0.57 0.00	16.83 -0.55 0.00	15.30 -0.44 0.00	17.35 -0.31 -0.58	19.43 -0.17 0.00	22.32 -0.07 0.00	24.86 -0.07 0.00	25.22 -0.15 0.00	22.24 -0.11 0.00	27.67 0.08 0.00	29.68 0.12 0.00	30.74 0.21 0.00	24.47 0.24 0.00	23.51 0.04 0.00	37.16 0.35 0.00	39.98 0.14 0.00	35.95 -0.02 0.00	24.91 -0.01 0.00	25.52 -0.06 0.00	23.06 -0.17 0.00	20.42 -0.07 0.00

HISHELDN_WT_PWR 323625	14.48 -1.67 1.20	13.37 -1.61 3.17	13.10 -1.47 2.36	14.35 -1.51 1.54	13.01 -1.49 2.88	12.75 -1.26 1.74	15.31 -1.47 0.29	17.93 -1.67 0.00	19.45 -1.52 1.42	22.30 -1.13 1.51	21.88 -0.98 2.51	18.50 -0.88 2.96	26.72 -0.87 0.00	28.63 -0.92 0.00	29.67 -0.86 0.00	23.61 -0.63 0.00	21.48 -0.69 1.31	35.36 -1.13 0.31	38.05 -1.14 0.65	34.62 -1.35 0.00	21.80 -1.37 1.76	23.57 -1.54 0.48	20.64 -1.64 0.95	19.29 -1.21 0.00
HOLTSVILLE_IC_1 23690	19.05 1.55 -0.15	19.62 1.47 0.00	18.34 1.40 0.00	18.77 1.37 0.00	18.85 1.47 0.00	28.70 1.56 -11.40	30.90 1.72 -12.11	23.89 1.98 -2.31	24.78 2.11 -0.27	26.93 1.99 0.00	27.65 2.28 0.00	24.27 1.92 0.00	29.85 2.26 0.00	31.90 2.35 0.00	33.04 2.51 0.00	28.93 2.37 -2.32	30.38 2.44 -4.47	99.38 3.64 -58.94	87.67 3.49 -44.35	62.31 3.18 -23.17	35.97 2.50 -8.55	39.25 2.27 -11.40	27.90 1.82 -2.85	22.00 1.50 0.00
HOLTSVILLE_IC_10 23699	19.12 1.63 -0.15	19.70 1.55 0.00	18.40 1.47 0.00	18.85 1.44 0.00	18.92 1.54 0.00	32.14 1.63 -14.76	34.08 1.80 -15.20	24.67 2.07 -2.99	24.96 2.22 -0.35	27.03 2.10 0.00	27.78 2.41 0.00	24.38 2.04 0.00	29.99 2.40 0.00	32.06 2.50 0.00	33.21 2.68 0.00	29.07 2.52 -2.32	30.53 2.59 -4.47	117.04 3.87 -76.37	101.04 3.73 -57.46	69.36 3.38 -30.02	38.64 2.64 -11.07	42.77 2.42 -14.77	28.86 1.94 -3.69	22.10 1.60 0.00
HOLTSVILLE_IC_2 23691	19.05 1.55 -0.15	19.62 1.47 0.00	18.34 1.40 0.00	18.77 1.37 0.00	18.85 1.47 0.00	28.70 1.56 -11.40	30.90 1.72 -12.11	23.89 1.98 -2.31	24.78 2.11 -0.27	26.93 1.99 0.00	27.65 2.28 0.00	24.27 1.92 0.00	29.85 2.26 0.00	31.90 2.35 0.00	33.04 2.51 0.00	28.93 2.37 -2.32	30.38 2.44 -4.47	99.38 3.64 -58.94	87.67 3.49 -44.35	62.31 3.18 -23.17	35.97 2.50 -8.55	39.25 2.27 -11.40	27.90 1.82 -2.85	22.00 1.50 0.00
HOLTSVILLE_IC_3 23692	19.05 1.55 -0.15	19.62 1.47 0.00	18.34 1.40 0.00	18.77 1.37 0.00	18.85 1.47 0.00	28.70 1.56 -11.40	30.90 1.72 -12.11	23.89 1.98 -2.31	24.78 2.11 -0.27	26.93 1.99 0.00	27.65 2.28 0.00	24.27 1.92 0.00	29.85 2.26 0.00	31.90 2.35 0.00	33.04 2.51 0.00	28.93 2.37 -2.32	30.38 2.44 -4.47	99.38 3.64 -58.94	87.67 3.49 -44.35	62.31 3.18 -23.17	35.97 2.50 -8.55	39.25 2.27 -11.40	27.90 1.82 -2.85	22.00 1.50 0.00
HOLTSVILLE_IC_4 23693	19.05 1.55 -0.15	19.62 1.47 0.00	18.34 1.40 0.00	18.77 1.37 0.00	18.85 1.47 0.00	28.70 1.56 -11.40	30.90 1.72 -12.11	23.89 1.98 -2.31	24.78 2.11 -0.27	26.93 1.99 0.00	27.65 2.28 0.00	24.27 1.92 0.00	29.85 2.26 0.00	31.90 2.35 0.00	33.04 2.51 0.00	28.93 2.37 -2.32	30.38 2.44 -4.47	99.38 3.64 -58.94	87.67 3.49 -44.35	62.31 3.18 -23.17	35.97 2.50 -8.55	39.25 2.27 -11.40	27.90 1.82 -2.85	22.00 1.50 0.00
HOLTSVILLE_IC_5 23694	19.05 1.55 -0.15	19.62 1.47 0.00	18.34 1.40 0.00	18.77 1.37 0.00	18.85 1.47 0.00	28.70 1.56 -11.40	30.90 1.72 -12.11	23.89 1.98 -2.31	24.78 2.11 -0.27	26.93 1.99 0.00	27.65 2.28 0.00	24.27 1.92 0.00	29.85 2.26 0.00	31.90 2.35 0.00	33.04 2.51 0.00	28.93 2.37 -2.32	30.38 2.44 -4.47	99.38 3.64 -58.94	87.67 3.49 -44.35	62.31 3.18 -23.17	35.97 2.50 -8.55	39.25 2.27 -11.40	27.90 1.82 -2.85	22.00 1.50 0.00
HOLTSVILLE_IC_6 23695	19.12 1.63 -0.15	19.70 1.55 0.00	18.40 1.47 0.00	18.85 1.44 0.00	18.92 1.54 0.00	32.14 1.63 -14.76	34.08 1.80 -15.20	24.67 2.07 -2.99	24.96 2.22 -0.35	27.03 2.10 0.00	27.78 2.41 0.00	24.38 2.04 0.00	29.99 2.40 0.00	32.06 2.50 0.00	33.21 2.68 0.00	29.07 2.52 -2.32	30.53 2.59 -4.47	117.04 3.87 -76.37	101.04 3.73 -57.46	69.36 3.38 -30.02	38.64 2.64 -11.07	42.77 2.42 -14.77	28.86 1.94 -3.69	22.10 1.60 0.00
HOLTSVILLE_IC_7 23696	19.12 1.63 -0.15	19.70 1.55 0.00	18.40 1.47 0.00	18.85 1.44 0.00	18.92 1.54 0.00	32.14 1.63 -14.76	34.08 1.80 -15.20	24.67 2.07 -2.99	24.96 2.22 -0.35	27.03 2.10 0.00	27.78 2.41 0.00	24.38 2.04 0.00	29.99 2.40 0.00	32.06 2.50 0.00	33.21 2.68 0.00	29.07 2.52 -2.32	30.53 2.59 -4.47	117.04 3.87 -76.37	101.04 3.73 -57.46	69.36 3.38 -30.02	38.64 2.64 -11.07	42.77 2.42 -14.77	28.86 1.94 -3.69	22.10 1.60 0.00
HOLTSVILLE_IC_8 23697	19.12 1.63 -0.15	19.70 1.55 0.00	18.40 1.47 0.00	18.85 1.44 0.00	18.92 1.54 0.00	32.14 1.63 -14.76	34.08 1.80 -15.20	24.67 2.07 -2.99	24.96 2.22 -0.35	27.03 2.10 0.00	27.78 2.41 0.00	24.38 2.04 0.00	29.99 2.40 0.00	32.06 2.50 0.00	33.21 2.68 0.00	29.07 2.52 -2.32	30.53 2.59 -4.47	117.04 3.87 -76.37	101.04 3.73 -57.46	69.36 3.38 -30.02	38.64 2.64 -11.07	42.77 2.42 -14.77	28.86 1.94 -3.69	22.10 1.60 0.00
HOLTSVILLE_IC_9 23698	19.12 1.63 -0.15	19.70 1.55 0.00	18.40 1.47 0.00	18.85 1.44 0.00	18.92 1.54 0.00	32.14 1.63 -14.76	34.08 1.80 -15.20	24.67 2.07 -2.99	24.96 2.22 -0.35	27.03 2.10 0.00	27.78 2.41 0.00	24.38 2.04 0.00	29.99 2.40 0.00	32.06 2.50 0.00	33.21 2.68 0.00	29.07 2.52 -2.32	30.53 2.59 -4.47	117.04 3.87 -76.37	101.04 3.73 -57.46	69.36 3.38 -30.02	38.64 2.64 -11.07	42.77 2.42 -14.77	28.86 1.94 -3.69	22.10 1.60 0.00
HOMER_HL_115KV_TB2 355744	16.88 -0.47 0.00	17.76 -0.39 0.00	16.56 -0.37 0.00	17.01 -0.39 0.00	16.97 -0.41 0.00	15.43 -0.32 0.00	16.73 -0.34 0.00	19.31 -0.29 0.00	22.34 -0.06 0.00	25.23 0.29 0.00	25.86 0.49 0.00	22.74 0.40 0.00	28.38 0.79 0.00	30.47 0.91 0.00	31.48 0.95 0.00	25.01 0.77 0.00	24.14 0.67 0.00	37.58 0.78 0.00	40.69 0.85 0.00	36.30 0.33 0.00	24.91 -0.02 0.00	25.58 -0.01 0.00	23.01 -0.21 0.00	20.49 -0.01 0.00
HOWARD_WT_PWR 323690	16.36 -1.21 -0.22	18.11 -0.63 -0.59	16.41 -0.96 -0.44	16.80 -0.89 -0.29	17.21 -0.71 -0.54	15.02 -1.05 -0.33	16.88 -0.72 -0.53	19.20 -0.41 0.00	22.66 0.00 -0.27	25.50 0.28 -0.28	25.94 0.10 -0.47	23.00 0.10 -0.55	28.06 0.46 0.00	30.27 0.72 0.00	31.36 0.84 0.00	24.94 0.70 0.00	24.35 0.64 -0.24	38.03 1.18 -0.06	40.94 0.98 -0.12	36.70 0.73 0.00	25.76 0.50 -0.33	26.28 0.60 -0.09	23.85 0.45 -0.18	20.99 0.49 0.00
HQ_GEN_CEDARS 23644	18.65 -0.06 -1.36	18.22 0.07 0.00	17.16 0.23 0.00	17.68 0.28 0.00	17.44 0.06 0.00	15.57 -0.17 0.00	16.86 -0.21 0.00	19.32 -0.29 0.00	22.03 -0.36 0.00	24.52 -0.42 0.00	25.06 -0.31 0.00	22.15 -0.20 0.00	27.36 -0.24 0.00	29.28 -0.28 0.00	30.28 -0.24 0.00	23.91 -0.33 0.00	23.02 -0.45 0.00	35.85 -0.96 0.00	38.86 -0.98 0.00	35.39 -0.58 0.00	24.39 -0.54 0.00	25.22 -0.36 0.00	23.06 -0.16 0.00	20.41 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	18.65 -0.06 -1.36	18.22 0.07 0.00	17.16 0.23 0.00	17.68 0.28 0.00	17.44 0.06 0.00	15.57 -0.17 0.00	16.86 -0.21 0.00	19.32 -0.28 0.00	22.03 -0.36 0.00	24.52 -0.41 0.00	25.06 -0.31 0.00	22.15 -0.20 0.00	27.36 -0.24 0.00	29.28 -0.28 0.00	30.28 -0.24 0.00	23.91 -0.33 0.00	23.02 -0.45 0.00	35.85 -0.96 0.00	38.86 -0.98 0.00	35.39 -0.58 0.00	24.39 -0.54 0.00	25.22 -0.36 0.00	23.06 -0.16 0.00	20.41 -0.09 0.00

HQ_GEN_IMPORT 323601	17.33 -0.02 0.00	18.20 0.05 0.00	17.02 0.09 0.00	17.52 0.12 0.00	17.44 0.06 0.00	15.64 -0.11 0.00	15.91 -0.19 0.97	19.35 -0.26 0.00	22.09 -0.30 0.00	24.62 -0.31 0.00	25.12 -0.26 0.00	22.21 -0.14 0.00	27.41 -0.18 0.00	29.38 -0.18 0.00	30.36 -0.17 0.00	23.96 -0.27 0.00	23.10 -0.37 0.00	39.24 -0.77 -3.21	39.03 -0.81 0.00	35.43 -0.54 0.00	24.50 -0.43 0.00	25.29 -0.30 0.00	23.05 -0.17 0.00	20.36 -0.13 0.00
HQ_GEN_WHEEL 23651	17.33 -0.02 0.00	18.20 0.05 0.00	17.02 0.09 0.00	17.52 0.12 0.00	17.44 0.06 0.00	15.64 -0.11 0.00	15.91 -0.19 0.97	19.35 -0.26 0.00	22.09 -0.30 0.00	24.62 -0.31 0.00	25.12 -0.26 0.00	22.21 -0.14 0.00	27.41 -0.18 0.00	29.38 -0.18 0.00	30.36 -0.17 0.00	23.96 -0.27 0.00	23.10 -0.37 0.00	39.24 -0.77 -3.21	39.03 -0.81 0.00	35.43 -0.54 0.00	24.50 -0.43 0.00	25.29 -0.30 0.00	23.05 -0.17 0.00	20.36 -0.13 0.00
HUDSON AVE_GT_3 23810	18.43 1.08 0.00	19.14 0.99 0.00	17.88 0.94 0.00	18.31 0.91 0.00	18.38 1.00 0.00	16.93 1.19 0.00	20.16 1.45 -1.63	21.39 1.78 0.00	24.34 1.95 0.00	26.98 2.04 0.00	27.36 1.99 0.00	23.93 1.58 0.00	29.41 1.82 0.00	31.48 1.92 0.00	32.52 2.00 0.00	26.02 1.78 0.00	25.38 1.91 0.00	39.76 2.96 0.00	42.97 3.13 0.00	38.64 2.68 0.00	26.94 2.01 0.00	27.43 1.84 0.00	24.72 1.50 0.00	21.73 1.23 0.00
HUDSON AVE_GT_4 23540	18.43 1.08 0.00	19.14 0.99 0.00	17.88 0.94 0.00	18.31 0.91 0.00	18.38 1.00 0.00	16.93 1.19 0.00	20.16 1.45 -1.63	21.39 1.78 0.00	24.34 1.95 0.00	26.98 2.04 0.00	27.36 1.99 0.00	23.93 1.58 0.00	29.41 1.82 0.00	31.48 1.92 0.00	32.52 2.00 0.00	26.02 1.78 0.00	25.38 1.91 0.00	39.76 2.96 0.00	42.97 3.13 0.00	38.64 2.68 0.00	26.94 2.01 0.00	27.43 1.84 0.00	24.72 1.50 0.00	21.73 1.23 0.00
HUDSON AVE_GT_5 23657	18.43 1.08 0.00	19.14 0.99 0.00	17.88 0.94 0.00	18.31 0.91 0.00	18.38 1.00 0.00	16.93 1.19 0.00	20.16 1.45 -1.63	21.39 1.78 0.00	24.34 1.95 0.00	26.98 2.04 0.00	27.36 1.99 0.00	23.93 1.58 0.00	29.41 1.82 0.00	31.48 1.92 0.00	32.52 2.00 0.00	26.02 1.78 0.00	25.38 1.91 0.00	39.76 2.96 0.00	42.97 3.13 0.00	38.64 2.68 0.00	26.94 2.01 0.00	27.43 1.84 0.00	24.72 1.50 0.00	21.73 1.23 0.00
HUDSON_AVE_10 24168	18.39 1.04 0.00	19.10 0.95 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.35 1.74 0.00	24.30 1.91 0.00	26.93 1.99 0.00	27.29 1.92 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.42 1.86 0.00	32.44 1.91 0.00	25.95 1.71 0.00	25.32 1.85 0.00	39.67 2.87 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.88 1.95 0.00	27.37 1.79 0.00	24.68 1.46 0.00	21.69 1.19 0.00
HUDSON___115KV_TB 4 355613	18.14 0.79 0.00	18.92 0.78 0.00	17.65 0.72 0.00	18.12 0.72 0.00	18.14 0.76 0.00	16.57 0.83 0.00	24.31 1.00 -6.24	20.77 1.16 0.00	23.59 1.20 0.00	26.03 1.10 0.00	26.17 0.80 0.00	23.00 0.65 0.00	28.60 1.00 0.00	30.67 1.11 0.00	31.56 1.03 0.00	25.24 1.00 0.00	24.61 1.14 0.00	38.98 2.18 0.00	42.21 2.37 0.00	37.92 1.95 0.00	26.36 1.43 0.00	26.96 1.38 0.00	24.54 1.33 0.00	21.58 1.09 0.00
HUNTER MOUNT___DRP 323613	18.25 0.90 0.00	19.05 0.90 0.00	17.76 0.82 0.00	18.24 0.84 0.00	18.26 0.88 0.00	16.68 0.93 0.00	23.48 1.12 -5.30	20.89 1.28 0.00	23.72 1.32 0.00	26.17 1.24 0.00	26.26 0.89 0.00	23.08 0.73 0.00	28.79 1.20 0.00	30.89 1.33 0.00	31.76 1.23 0.00	25.46 1.22 0.00	24.79 1.32 0.00	39.29 2.49 0.00	42.54 2.70 0.00	38.19 2.22 0.00	26.51 1.59 0.00	27.13 1.55 0.00	24.71 1.49 0.00	21.72 1.22 0.00
HUNTINGTON_RES_REC 323705	18.92 1.42 -0.15	19.48 1.34 0.00	18.20 1.27 0.00	18.64 1.24 0.00	18.71 1.33 0.00	-0.48 1.44 17.66	4.07 1.60 14.60	17.86 1.84 3.58	23.93 1.95 0.42	26.81 1.87 0.00	27.57 2.20 0.00	24.18 1.83 0.00	29.74 2.15 0.00	31.79 2.23 0.00	32.93 2.40 0.00	28.78 2.24 -2.31	30.25 2.31 -4.47	-51.16 3.41 91.36	-25.59 3.32 68.75	3.00 2.95 35.91	14.04 2.37 13.25	10.10 2.19 17.67	20.55 1.75 4.42	21.92 1.43 0.00
HUNTLEY___63 23557	15.93 -1.42 0.00	16.87 -1.28 0.00	15.76 -1.17 0.00	16.19 -1.21 0.00	16.25 -1.14 0.00	14.79 -0.96 0.00	15.86 -1.21 0.00	18.16 -1.45 0.00	21.15 -1.24 0.00	24.03 -0.91 0.00	24.58 -0.79 0.00	21.61 -0.73 0.00	26.80 -0.79 0.00	28.74 -0.81 0.00	29.70 -0.83 0.00	23.54 -0.70 0.00	22.68 -0.79 0.00	35.49 -1.31 0.00	38.64 -1.20 0.00	34.54 -1.43 0.00	23.47 -1.46 0.00	23.93 -1.66 0.00	21.44 -1.78 0.00	19.20 -1.30 0.00
HUNTLEY___64 23558	15.93 -1.42 0.00	16.87 -1.28 0.00	15.76 -1.17 0.00	16.19 -1.21 0.00	16.25 -1.14 0.00	14.79 -0.96 0.00	15.86 -1.21 0.00	18.16 -1.45 0.00	21.15 -1.24 0.00	24.03 -0.91 0.00	24.58 -0.79 0.00	21.61 -0.73 0.00	26.80 -0.79 0.00	28.74 -0.81 0.00	29.70 -0.83 0.00	23.54 -0.70 0.00	22.68 -0.79 0.00	35.49 -1.31 0.00	38.64 -1.20 0.00	34.54 -1.43 0.00	23.47 -1.46 0.00	23.93 -1.66 0.00	21.44 -1.78 0.00	19.20 -1.30 0.00
HUNTLEY___65 23559	15.93 -1.42 0.00	16.87 -1.28 0.00	15.76 -1.17 0.00	16.19 -1.21 0.00	16.25 -1.14 0.00	14.79 -0.96 0.00	15.86 -1.21 0.00	18.16 -1.45 0.00	21.15 -1.24 0.00	24.03 -0.91 0.00	24.58 -0.79 0.00	21.61 -0.73 0.00	26.80 -0.79 0.00	28.74 -0.81 0.00	29.70 -0.83 0.00	23.54 -0.70 0.00	22.68 -0.79 0.00	35.49 -1.31 0.00	38.64 -1.20 0.00	34.54 -1.43 0.00	23.47 -1.46 0.00	23.93 -1.66 0.00	21.44 -1.78 0.00	19.20 -1.30 0.00
HUNTLEY___66 23560	15.93 -1.42 0.00	16.87 -1.28 0.00	15.76 -1.17 0.00	16.19 -1.21 0.00	16.25 -1.14 0.00	14.79 -0.96 0.00	15.86 -1.21 0.00	18.16 -1.45 0.00	21.15 -1.24 0.00	24.03 -0.91 0.00	24.58 -0.79 0.00	21.61 -0.73 0.00	26.80 -0.79 0.00	28.74 -0.81 0.00	29.70 -0.83 0.00	23.54 -0.70 0.00	22.68 -0.79 0.00	35.49 -1.31 0.00	38.64 -1.20 0.00	34.54 -1.43 0.00	23.47 -1.46 0.00	23.93 -1.66 0.00	21.44 -1.78 0.00	19.20 -1.30 0.00
HUNTLEY___67 23561	15.85 -1.50 0.00	16.75 -1.40 0.00	15.66 -1.27 0.00	16.10 -1.31 0.00	16.13 -1.25 0.00	14.68 -1.07 0.00	15.78 -1.30 0.00	18.10 -1.51 0.00	21.05 -1.34 0.00	23.92 -1.02 0.00	24.45 -0.93 0.00	21.47 -0.87 0.00	26.70 -0.89 0.00	28.61 -0.94 0.00	29.59 -0.94 0.00	23.46 -0.77 0.00	22.59 -0.88 0.00	35.38 -1.42 0.00	38.48 -1.36 0.00	34.44 -1.53 0.00	23.39 -1.54 0.00	23.88 -1.71 0.00	21.41 -1.81 0.00	19.17 -1.33 0.00
HUNTLEY___68 23562	15.85 -1.50 0.00	16.75 -1.40 0.00	15.66 -1.27 0.00	16.10 -1.31 0.00	16.13 -1.25 0.00	14.68 -1.07 0.00	15.78 -1.30 0.00	18.10 -1.51 0.00	21.05 -1.34 0.00	23.92 -1.02 0.00	24.45 -0.93 0.00	21.47 -0.87 0.00	26.70 -0.89 0.00	28.61 -0.94 0.00	29.59 -0.94 0.00	23.46 -0.77 0.00	22.59 -0.88 0.00	35.38 -1.42 0.00	38.48 -1.36 0.00	34.44 -1.53 0.00	23.39 -1.54 0.00	23.88 -1.71 0.00	21.41 -1.81 0.00	19.17 -1.33 0.00

HYLAND___LFGE 323620	17.03 -0.32 0.00	18.01 -0.13 0.00	16.68 -0.25 0.00	17.18 -0.22 0.00	17.25 -0.13 0.00	15.63 -0.11 0.00	17.56 0.08 -0.40	19.99 0.38 0.00	23.15 0.76 0.00	25.98 1.05 0.00	26.21 0.83 0.00	23.09 0.74 0.00	28.69 1.09 0.00	30.88 1.32 0.00	31.92 1.40 0.00	25.46 1.23 0.00	24.65 1.18 0.00	38.90 2.10 0.00	42.14 2.30 0.00	37.76 1.80 0.00	26.07 1.00 -0.14	26.58 0.96 -0.04	23.90 0.61 -0.07	21.09 0.59 0.00
INDECK___CORINTH 23802	17.65 0.30 0.00	18.42 0.28 0.00	17.20 0.26 0.00	17.68 0.27 0.00	17.69 0.31 0.00	16.17 0.42 0.00	38.07 0.63 -20.37	20.34 0.73 0.00	23.20 0.81 0.00	25.81 0.87 0.00	26.20 0.83 0.00	22.86 0.51 0.00	28.41 0.82 0.00	30.36 0.81 0.00	31.37 0.85 0.00	25.18 0.94 0.00	24.30 0.83 0.00	38.38 1.58 0.00	41.43 1.59 0.00	37.20 1.23 0.00	25.88 0.96 0.00	26.46 0.88 0.00	23.89 0.67 0.00	20.96 0.46 0.00
INDECK___ILION 23567	17.55 0.20 0.00	18.29 0.14 0.00	17.06 0.13 0.00	17.52 0.12 0.00	17.54 0.16 0.00	16.00 0.26 0.00	17.42 0.35 0.00	20.04 0.43 0.00	22.85 0.45 0.00	25.34 0.40 0.00	25.73 0.36 0.00	22.59 0.24 0.00	27.95 0.36 0.00	29.93 0.37 0.00	30.88 0.35 0.00	24.64 0.41 0.00	23.90 0.42 0.00	37.72 0.92 0.00	40.77 0.93 0.00	36.65 0.68 0.00	25.53 0.60 0.00	26.12 0.54 0.00	23.67 0.45 0.00	20.85 0.36 0.00
INDECK___OLEAN 23982	15.42 -0.47 1.46	13.88 -0.40 3.86	13.65 -0.40 2.88	15.14 -0.39 1.88	13.43 -0.44 3.51	13.31 -0.32 2.12	16.38 -0.34 0.35	19.32 -0.29 0.00	20.60 -0.06 1.73	23.39 0.29 1.84	22.81 0.49 3.05	19.15 0.41 3.60	28.38 0.79 0.00	30.47 0.91 0.00	31.48 0.95 0.00	25.01 0.77 0.00	22.55 0.67 1.60	37.20 0.78 0.38	39.91 0.84 0.78	36.29 0.33 0.00	22.78 -0.02 2.12	25.01 -0.01 0.57	21.86 -0.21 1.14	20.49 -0.01 0.00
INDECK___OSWEGO 23783	16.68 -0.67 0.00	17.41 -0.73 0.00	16.19 -0.74 0.00	16.63 -0.77 0.00	16.63 -0.75 0.00	15.14 -0.61 0.00	16.41 -0.66 0.00	18.87 -0.74 0.00	21.60 -0.79 0.00	24.12 -0.82 0.00	24.54 -0.83 0.00	21.60 -0.75 0.00	26.70 -0.89 0.00	28.59 -0.97 0.00	29.61 -0.92 0.00	23.58 -0.66 0.00	22.86 -0.61 0.00	35.91 -0.89 0.00	38.89 -0.95 0.00	34.99 -0.98 0.00	24.20 -0.73 0.00	24.75 -0.83 0.00	22.38 -0.84 0.00	19.78 -0.72 0.00
INDECK___YERKES 23781	14.82 -1.40 1.13	13.89 -1.28 2.98	13.53 -1.18 2.22	14.76 -1.19 1.45	13.54 -1.14 2.71	13.17 -0.94 1.63	15.61 -1.19 0.27	18.18 -1.43 0.00	19.85 -1.21 1.33	22.63 -0.89 1.42	22.27 -0.75 2.35	18.87 -0.69 2.78	26.83 -0.76 0.00	28.78 -0.78 0.00	29.74 -0.79 0.00	23.57 -0.67 0.00	21.48 -0.76 1.23	35.23 -1.28 0.29	38.07 -1.17 0.61	34.57 -1.40 0.00	21.85 -1.43 1.65	23.51 -1.63 0.45	20.58 -1.75 0.89	19.22 -1.28 0.00
INDIAN POINT_GT_1 24139	18.32 0.97 0.00	19.03 0.89 0.00	17.77 0.84 0.00	18.21 0.81 0.00	18.28 0.90 0.00	16.80 1.06 0.00	19.98 1.29 -1.61	21.16 1.56 0.00	24.09 1.70 0.00	26.69 1.76 0.00	27.10 1.73 0.00	23.69 1.34 0.00	29.14 1.54 0.00	31.19 1.63 0.00	32.22 1.69 0.00	25.77 1.54 0.00	25.12 1.65 0.00	39.44 2.64 0.00	42.66 2.82 0.00	38.34 2.37 0.00	26.71 1.78 0.00	27.22 1.63 0.00	24.55 1.33 0.00	21.59 1.09 0.00
INDIAN POINT_GT_2 23659	18.32 0.97 0.00	19.03 0.89 0.00	17.77 0.84 0.00	18.21 0.81 0.00	18.28 0.90 0.00	16.80 1.06 0.00	19.98 1.29 -1.61	21.16 1.56 0.00	24.09 1.70 0.00	26.69 1.76 0.00	27.10 1.73 0.00	23.69 1.34 0.00	29.14 1.54 0.00	31.19 1.63 0.00	32.22 1.69 0.00	25.77 1.54 0.00	25.12 1.65 0.00	39.44 2.64 0.00	42.66 2.82 0.00	38.34 2.37 0.00	26.71 1.78 0.00	27.22 1.63 0.00	24.55 1.33 0.00	21.59 1.09 0.00
INDIAN POINT_GT_3 24019	18.32 0.97 0.00	19.03 0.89 0.00	17.77 0.84 0.00	18.21 0.81 0.00	18.28 0.90 0.00	16.80 1.06 0.00	19.98 1.29 -1.61	21.16 1.56 0.00	24.09 1.70 0.00	26.69 1.76 0.00	27.10 1.73 0.00	23.69 1.34 0.00	29.14 1.54 0.00	31.19 1.63 0.00	32.22 1.69 0.00	25.77 1.54 0.00	25.12 1.65 0.00	39.44 2.64 0.00	42.66 2.82 0.00	38.34 2.37 0.00	26.71 1.78 0.00	27.22 1.63 0.00	24.55 1.33 0.00	21.59 1.09 0.00
INDIAN POINT___2 23530	18.30 0.95 0.00	19.02 0.87 0.00	17.76 0.83 0.00	18.20 0.80 0.00	18.26 0.88 0.00	16.78 1.04 0.00	19.94 1.28 -1.59	21.15 1.54 0.00	24.07 1.67 0.00	26.66 1.73 0.00	27.07 1.70 0.00	23.66 1.31 0.00	29.10 1.51 0.00	31.15 1.60 0.00	32.18 1.66 0.00	25.74 1.51 0.00	25.09 1.62 0.00	39.40 2.60 0.00	42.61 2.77 0.00	38.30 2.33 0.00	26.68 1.75 0.00	27.18 1.60 0.00	24.52 1.30 0.00	21.57 1.07 0.00
INDIAN POINT___3 23531	18.31 0.96 0.00	19.02 0.87 0.00	17.76 0.83 0.00	18.21 0.81 0.00	18.27 0.89 0.00	16.79 1.04 0.00	19.96 1.28 -1.61	21.15 1.54 0.00	24.07 1.68 0.00	26.67 1.73 0.00	27.08 1.71 0.00	23.67 1.33 0.00	29.12 1.53 0.00	31.16 1.61 0.00	32.20 1.67 0.00	25.75 1.52 0.00	25.10 1.63 0.00	39.41 2.61 0.00	42.63 2.79 0.00	38.30 2.34 0.00	26.69 1.76 0.00	27.19 1.61 0.00	24.53 1.31 0.00	21.58 1.08 0.00
INGHAM_C_115KV_TB7 356103	17.63 0.28 0.00	18.30 0.16 0.00	17.07 0.14 0.00	17.54 0.14 0.00	17.59 0.20 0.00	16.12 0.37 0.00	17.61 0.54 0.00	20.29 0.69 0.00	23.07 0.67 0.00	25.47 0.53 0.00	25.83 0.45 0.00	22.59 0.25 0.00	28.03 0.43 0.00	30.01 0.45 0.00	30.94 0.41 0.00	24.79 0.56 0.00	24.04 0.56 0.00	38.15 1.35 0.00	41.16 1.32 0.00	36.86 0.89 0.00	25.85 0.92 0.00	26.40 0.82 0.00	23.90 0.68 0.00	21.02 0.53 0.00
IP CORINTH___1 23988	17.75 0.40 0.00	18.52 0.38 0.00	17.28 0.35 0.00	17.77 0.37 0.00	17.79 0.41 0.00	16.25 0.51 0.00	38.17 0.73 -20.37	20.44 0.84 0.00	23.33 0.94 0.00	25.95 1.01 0.00	26.34 0.97 0.00	22.98 0.64 0.00	28.56 0.96 0.00	30.52 0.97 0.00	31.54 1.01 0.00	25.32 1.08 0.00	24.43 0.96 0.00	38.59 1.80 0.00	41.67 1.83 0.00	37.41 1.44 0.00	26.03 1.10 0.00	26.61 1.02 0.00	24.01 0.79 0.00	21.07 0.57 0.00
IP___TICONDEROGA 23804	18.47 1.12 0.00	19.28 1.13 0.00	18.01 1.08 0.00	18.58 1.18 0.00	18.59 1.21 0.00	16.98 1.23 0.00	39.39 1.76 -20.55	21.53 1.92 0.00	24.64 2.25 0.00	27.20 2.27 0.00	27.61 2.24 0.00	23.74 1.40 0.00	29.54 1.95 0.00	31.69 2.14 0.00	32.91 2.38 0.00	26.79 2.55 0.00	25.76 2.29 0.00	41.06 4.26 0.00	43.98 4.15 0.00	39.41 3.44 0.00	27.40 2.47 0.00	27.98 2.40 0.00	25.14 1.92 0.00	21.98 1.49 0.00
ISLIP_RES_REC 323679	19.20 1.70 -0.15	19.78 1.63 0.00	18.48 1.55 0.00	18.92 1.52 0.00	19.00 1.62 0.00	30.81 1.70 -13.36	32.87 1.89 -13.91	24.49 2.17 -2.71	25.04 2.33 -0.31	27.17 2.23 0.00	27.92 2.55 0.00	24.50 2.15 0.00	30.14 2.54 0.00	32.22 2.66 0.00	33.38 2.86 0.00	29.22 2.66 -2.32	30.67 2.73 -4.47	110.00 4.09 -69.11	95.81 3.97 -52.00	66.71 3.58 -27.16	37.72 2.77 -10.02	41.50 2.55 -13.36	28.62 2.05 -3.34	22.18 1.68 0.00

JAMAICA__27_KV_LOAD 355505	18.51 1.16 0.00	19.25 1.10 0.00	17.98 1.05 0.00	18.42 1.02 0.00	18.48 1.10 0.00	17.05 1.31 0.00	20.27 1.57 -1.63	21.54 1.94 0.00	24.53 2.13 0.00	27.16 2.23 0.00	27.46 2.09 0.00	24.05 1.70 0.00	29.57 1.98 0.00	31.70 2.14 0.00	32.69 2.16 0.00	26.13 1.90 0.00	25.53 2.06 0.00	40.02 3.21 0.00	43.29 3.45 0.00	38.92 2.95 0.00	27.11 2.18 0.00	27.64 2.05 0.00	24.90 1.68 0.00	21.87 1.37 0.00
JANIS__SOLAR 323808	17.97 0.31 -0.31	19.38 0.42 -0.81	17.83 0.28 -0.61	18.13 0.33 -0.40	18.54 0.42 -0.74	16.61 0.41 -0.45	18.59 0.62 -0.91	20.44 0.83 0.00	23.84 1.09 -0.37	26.64 1.32 -0.39	27.30 1.28 -0.64	24.08 0.97 -0.76	28.96 1.37 0.00	31.20 1.65 0.00	32.26 1.73 0.00	25.68 1.44 0.00	25.22 1.42 -0.33	39.28 2.41 -0.08	42.50 2.49 -0.16	37.89 1.92 0.00	26.58 1.21 -0.44	26.86 1.15 -0.12	24.41 0.95 -0.24	21.39 0.89 0.00
JARVIS____ 23743	17.45 0.10 0.00	18.22 0.07 0.00	16.99 0.06 0.00	17.45 0.05 0.00	17.45 0.07 0.00	15.86 0.12 0.00	17.23 0.16 0.00	19.79 0.18 0.00	22.59 0.20 0.00	25.14 0.20 0.00	25.55 0.18 0.00	22.48 0.13 0.00	27.76 0.17 0.00	29.73 0.18 0.00	30.68 0.15 0.00	24.41 0.17 0.00	23.68 0.21 0.00	37.21 0.40 0.00	40.27 0.43 0.00	36.30 0.33 0.00	25.19 0.26 0.00	25.81 0.22 0.00	23.40 0.18 0.00	20.66 0.16 0.00
JENNISON____1 23625	17.57 0.22 0.00	18.70 0.55 0.00	17.22 0.29 0.00	17.73 0.33 0.00	17.91 0.53 0.00	16.04 0.29 0.00	18.92 0.53 -1.32	20.40 0.79 0.00	23.62 1.22 0.00	26.43 1.49 0.00	26.83 1.46 0.00	23.47 1.13 0.00	29.10 1.51 0.00	31.35 1.79 0.00	32.36 1.84 0.00	25.83 1.59 0.00	25.02 1.56 0.00	39.36 2.55 0.00	42.36 2.52 0.00	37.74 1.77 0.00	26.07 1.14 0.00	26.74 1.16 0.00	24.34 1.12 0.00	21.59 1.09 0.00
JENNISON____2 23626	17.57 0.22 0.00	18.70 0.55 0.00	17.22 0.29 0.00	17.73 0.33 0.00	17.91 0.53 0.00	16.04 0.29 0.00	18.92 0.53 -1.32	20.40 0.79 0.00	23.62 1.22 0.00	26.43 1.49 0.00	26.83 1.46 0.00	23.47 1.13 0.00	29.10 1.51 0.00	31.35 1.79 0.00	32.36 1.84 0.00	25.83 1.59 0.00	25.02 1.56 0.00	39.36 2.55 0.00	42.36 2.52 0.00	37.74 1.77 0.00	26.07 1.14 0.00	26.74 1.16 0.00	24.34 1.12 0.00	21.59 1.09 0.00
JERICOHO_RISE_WT_PWR 323719	-16.94 -0.58 33.71	17.88 -0.26 0.00	16.87 -0.06 0.00	17.54 0.14 0.00	17.23 -0.15 0.00	15.23 -0.52 0.00	17.05 -0.03 0.00	19.80 0.20 0.00	22.38 -0.01 0.00	24.86 -0.07 0.00	25.57 0.20 0.00	22.53 0.18 0.00	27.77 0.18 0.00	29.55 -0.01 0.00	30.72 0.19 0.00	24.56 0.32 0.00	23.65 0.19 0.00	36.49 -0.31 0.00	39.36 -0.48 0.00	36.02 0.05 0.00	24.96 0.04 0.00	25.69 0.10 0.00	23.34 0.12 0.00	20.75 0.25 0.00
KATONAH__115KV_46KV_TB4 355592	18.42 1.07 0.00	19.15 1.00 0.00	17.89 0.96 0.00	18.34 0.93 0.00	18.40 1.02 0.00	16.90 1.16 0.00	20.16 1.42 -1.68	21.31 1.71 0.00	24.27 1.88 0.00	26.89 1.95 0.00	27.31 1.94 0.00	23.87 1.52 0.00	29.36 1.76 0.00	31.40 1.84 0.00	32.43 1.90 0.00	25.95 1.72 0.00	25.28 1.81 0.00	39.75 2.95 0.00	43.01 3.17 0.00	38.65 2.68 0.00	26.92 1.99 0.00	27.43 1.84 0.00	24.74 1.52 0.00	21.76 1.26 0.00
KCE_NY_1 323755	18.08 0.73 0.00	18.89 0.74 0.00	17.62 0.69 0.00	18.10 0.69 0.00	18.11 0.72 0.00	16.55 0.81 0.00	38.89 1.01 -20.81	20.76 1.16 0.00	23.69 1.30 0.00	26.25 1.32 0.00	26.67 1.30 0.00	23.34 0.99 0.00	28.95 1.36 0.00	30.96 1.40 0.00	31.94 1.42 0.00	25.54 1.30 0.00	24.72 1.25 0.00	39.02 2.22 0.00	42.17 2.33 0.00	37.92 1.95 0.00	26.40 1.47 0.00	26.97 1.38 0.00	24.39 1.18 0.00	21.44 0.95 0.00
KCE_NY_6_ESR 323823	14.81 -1.27 1.27	13.61 -1.18 3.35	13.36 -1.08 2.49	14.68 -1.09 1.63	13.28 -1.05 3.05	13.02 -0.88 1.84	15.71 -1.06 0.31	18.39 -1.22 0.00	19.90 -0.99 1.50	22.73 -0.61 1.60	22.24 -0.49 2.65	18.73 -0.48 3.13	27.20 -0.39 0.00	29.18 -0.38 0.00	30.19 -0.34 0.00	23.94 -0.29 0.00	21.68 -0.41 1.38	35.80 -0.68 0.33	38.61 -0.54 0.69	35.16 -0.81 0.00	22.05 -1.02 1.86	23.90 -1.18 0.50	20.88 -1.34 1.00	19.56 -0.94 0.00
KEDC_PORT_JEFF_GT2 24210	19.11 1.61 -0.15	19.67 1.52 0.00	18.38 1.45 0.00	18.82 1.42 0.00	18.90 1.52 0.00	34.76 1.61 -17.41	36.49 1.78 -17.63	25.17 2.03 -3.52	24.91 2.11 -0.41	26.94 2.00 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.96 2.37 0.00	32.02 2.46 0.00	33.17 2.65 0.00	29.04 2.48 -2.32	30.49 2.55 -4.47	130.55 3.70 -90.04	111.16 3.56 -67.75	74.58 3.22 -35.39	40.53 2.54 -13.05	45.39 2.39 -17.41	29.49 1.92 -4.35	22.08 1.58 0.00
KEDC_PORT_JEFF_GT3 24211	19.11 1.61 -0.15	19.67 1.52 0.00	18.38 1.45 0.00	18.82 1.42 0.00	18.90 1.52 0.00	34.76 1.61 -17.41	36.49 1.78 -17.63	25.17 2.03 -3.52	24.91 2.11 -0.41	26.94 2.00 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.96 2.37 0.00	32.02 2.46 0.00	33.17 2.65 0.00	29.04 2.48 -2.32	30.49 2.55 -4.47	130.55 3.70 -90.04	111.16 3.56 -67.75	74.58 3.22 -35.39	40.53 2.54 -13.05	45.39 2.39 -17.41	29.49 1.92 -4.35	22.08 1.58 0.00
KEDC_GLWD_GT4 24219	18.90 1.40 -0.15	19.46 1.32 0.00	18.18 1.25 0.00	18.62 1.22 0.00	18.69 1.31 0.00	17.18 1.43 0.00	20.37 1.66 -1.63	21.54 1.93 0.00	24.41 2.02 0.00	26.97 2.03 0.00	27.68 2.31 0.00	24.27 1.92 0.00	29.84 2.25 0.00	31.89 2.33 0.00	33.00 2.48 0.00	28.69 2.14 -2.31	30.16 2.21 -4.47	40.18 3.38 0.00	43.10 3.26 0.00	38.84 2.87 0.00	27.34 2.41 0.00	27.79 2.21 0.00	25.01 1.79 0.00	21.98 1.48 0.00
KEDC_GLWD_GT5 24220	18.90 1.40 -0.15	19.46 1.32 0.00	18.18 1.25 0.00	18.62 1.22 0.00	18.69 1.31 0.00	17.18 1.43 0.00	20.37 1.66 -1.63	21.54 1.93 0.00	24.41 2.02 0.00	26.97 2.03 0.00	27.68 2.31 0.00	24.27 1.92 0.00	29.84 2.25 0.00	31.89 2.33 0.00	33.00 2.48 0.00	28.69 2.14 -2.31	30.16 2.21 -4.47	40.18 3.38 0.00	43.10 3.26 0.00	38.84 2.87 0.00	27.34 2.41 0.00	27.79 2.21 0.00	25.01 1.79 0.00	21.98 1.48 0.00
KENSICO____ 23655	18.36 1.01 0.00	19.07 0.93 0.00	17.81 0.88 0.00	18.25 0.85 0.00	18.32 0.93 0.00	16.84 1.09 0.00	20.03 1.33 -1.63	21.22 1.61 0.00	24.15 1.76 0.00	26.76 1.82 0.00	27.18 1.80 0.00	23.76 1.42 0.00	29.22 1.63 0.00	31.27 1.72 0.00	32.30 1.77 0.00	25.85 1.61 0.00	25.19 1.72 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.43 2.46 0.00	26.78 1.86 0.00	27.28 1.69 0.00	24.61 1.39 0.00	21.64 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.44 1.09 0.00	19.16 1.02 0.00	17.95 1.02 0.00	18.40 1.00 0.00	18.47 1.09 0.00	16.97 1.22 0.00	20.62 1.50 -2.05	21.43 1.83 0.00	24.41 2.02 0.00	26.99 2.06 0.00	27.32 1.94 0.00	23.70 1.36 0.00	29.11 1.52 0.00	31.11 1.55 0.00	32.12 1.59 0.00	25.72 1.48 0.00	25.16 1.69 0.00	39.70 2.90 0.00	43.03 3.19 0.00	38.72 2.75 0.00	27.13 2.20 0.00	27.63 2.04 0.00	24.84 1.62 0.00	21.81 1.32 0.00

KIAC_JFK_GT1 23816	18.45 1.10 0.00	19.19 1.04 0.00	17.92 0.99 0.00	18.36 0.96 0.00	18.43 1.05 0.00	16.99 1.25 0.00	20.21 1.51 -1.63	21.47 1.86 0.00	24.44 2.04 0.00	27.07 2.13 0.00	27.37 2.00 0.00	23.97 1.63 0.00	29.46 1.87 0.00	31.58 2.03 0.00	32.58 2.05 0.00	26.04 1.81 0.00	25.44 1.97 0.00	39.87 3.07 0.00	43.12 3.28 0.00	38.77 2.80 0.00	27.01 2.08 0.00	27.54 1.95 0.00	24.81 1.59 0.00	21.80 1.30 0.00
KIAC_JFK_GT2 23817	18.45 1.10 0.00	19.19 1.04 0.00	17.92 0.99 0.00	18.36 0.96 0.00	18.43 1.05 0.00	16.99 1.25 0.00	20.21 1.51 -1.63	21.47 1.86 0.00	24.44 2.04 0.00	27.07 2.13 0.00	27.37 2.00 0.00	23.97 1.63 0.00	29.46 1.87 0.00	31.58 2.03 0.00	32.58 2.05 0.00	26.04 1.81 0.00	25.44 1.97 0.00	39.87 3.07 0.00	43.12 3.28 0.00	38.77 2.80 0.00	27.01 2.08 0.00	27.54 1.95 0.00	24.81 1.59 0.00	21.80 1.30 0.00
KIAC_JFK____ 323774	18.45 1.10 0.00	19.19 1.05 0.00	17.93 1.00 0.00	18.36 0.96 0.00	18.43 1.05 0.00	16.99 1.24 0.00	20.21 1.50 -1.63	21.47 1.86 0.00	24.43 2.04 0.00	27.06 2.13 0.00	27.38 2.01 0.00	23.97 1.62 0.00	29.46 1.87 0.00	31.58 2.03 0.00	32.58 2.05 0.00	26.04 1.81 0.00	25.44 1.97 0.00	39.87 3.07 0.00	43.12 3.28 0.00	38.77 2.80 0.00	27.01 2.08 0.00	27.54 1.96 0.00	24.81 1.59 0.00	21.80 1.31 0.00
KINTIGH____ 23543	15.88 -1.47 0.00	16.74 -1.41 0.00	15.64 -1.29 0.00	16.08 -1.32 0.00	16.10 -1.28 0.00	14.66 -1.08 0.00	15.80 -1.27 0.00	18.13 -1.47 0.00	21.02 -1.38 0.00	23.80 -1.14 0.00	24.30 -1.08 0.00	21.35 -0.99 0.00	26.55 -1.05 0.00	28.44 -1.12 0.00	29.36 -1.16 0.00	23.28 -0.95 0.00	22.43 -1.04 0.00	35.12 -1.68 0.00	38.19 -1.65 0.00	34.20 -1.77 0.00	23.28 -1.65 0.00	23.78 -1.80 0.00	21.35 -1.87 0.00	19.07 -1.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-15.00 -0.38 31.97	18.11 -0.04 0.00	17.07 0.14 0.00	17.76 0.36 0.00	17.48 0.10 0.00	15.45 -0.30 0.00	17.31 0.23 0.00	20.20 0.60 0.00	22.81 0.42 0.00	25.33 0.40 0.00	26.09 0.72 0.00	22.96 0.61 0.00	28.27 0.67 0.00	30.07 0.52 0.00	31.26 0.73 0.00	25.08 0.85 0.00	24.16 0.69 0.00	37.31 0.51 0.00	40.13 0.28 0.00	36.70 0.73 0.00	25.47 0.54 0.00	26.14 0.55 0.00	23.69 0.47 0.00	21.12 0.63 0.00
LACHUTE____HYDRO 323717	18.47 1.12 0.00	19.28 1.13 0.00	18.01 1.08 0.00	18.58 1.18 0.00	18.59 1.21 0.00	16.98 1.23 0.00	39.38 1.76 -20.55	21.53 1.92 0.00	24.64 2.25 0.00	27.20 2.27 0.00	27.61 2.24 0.00	23.75 1.40 0.00	29.54 1.95 0.00	31.70 2.14 0.00	32.91 2.38 0.00	26.79 2.55 0.00	25.76 2.29 0.00	41.07 4.26 0.00	43.98 4.14 0.00	39.41 3.44 0.00	27.40 2.47 0.00	27.98 2.40 0.00	25.14 1.92 0.00	21.98 1.48 0.00
LAWRNCV_115KV_TB1 80681	20.99 -0.27 -3.92	18.00 -0.14 0.00	16.94 0.00 0.00	17.46 0.06 0.00	17.19 -0.19 0.00	15.29 -0.46 0.00	16.61 -0.47 0.00	19.06 -0.55 0.00	21.71 -0.69 0.00	24.16 -0.78 0.00	24.70 -0.67 0.00	21.84 -0.50 0.00	26.99 -0.60 0.00	28.87 -0.69 0.00	29.88 -0.64 0.00	23.64 -0.60 0.00	22.76 -0.71 0.00	35.46 -1.34 0.00	38.44 -1.40 0.00	35.02 -0.95 0.00	24.11 -0.82 0.00	24.92 -0.66 0.00	22.85 -0.38 0.00	20.24 -0.25 0.00
LEDERLE____ 23769	18.39 1.04 0.00	19.09 0.95 0.00	17.83 0.90 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.86 1.12 0.00	20.00 1.36 -1.57	21.26 1.65 0.00	24.19 1.80 0.00	26.80 1.87 0.00	27.20 1.83 0.00	23.77 1.42 0.00	29.24 1.64 0.00	31.31 1.75 0.00	32.35 1.82 0.00	25.87 1.63 0.00	25.23 1.76 0.00	39.62 2.82 0.00	42.87 3.03 0.00	38.51 2.55 0.00	26.81 1.88 0.00	27.32 1.73 0.00	24.63 1.41 0.00	21.66 1.16 0.00
LIGHTHSE_115KV_TB6 355974	16.76 -0.59 0.00	17.50 -0.64 0.00	16.24 -0.69 0.00	16.69 -0.71 0.00	16.69 -0.69 0.00	15.19 -0.55 0.00	16.51 -0.56 0.00	18.95 -0.66 0.00	21.70 -0.70 0.00	24.28 -0.66 0.00	24.73 -0.65 0.00	21.82 -0.53 0.00	27.01 -0.58 0.00	28.95 -0.61 0.00	29.94 -0.59 0.00	23.84 -0.40 0.00	23.13 -0.34 0.00	36.42 -0.38 0.00	39.44 -0.40 0.00	35.46 -0.51 0.00	24.48 -0.45 0.00	25.04 -0.55 0.00	22.63 -0.58 0.00	19.97 -0.52 0.00
LINDEN COGEN____ 23786	18.32 0.97 0.00	19.02 0.87 0.00	17.77 0.84 0.00	18.20 0.80 0.00	18.28 0.89 0.00	16.84 1.09 0.00	20.05 1.34 -1.63	21.26 1.65 0.00	24.17 1.78 0.00	26.79 1.85 0.00	27.16 1.79 0.00	23.74 1.40 0.00	29.18 1.58 0.00	31.24 1.68 0.00	32.28 1.76 0.00	25.82 1.58 0.00	25.20 1.73 0.00	39.47 2.67 0.00	42.68 2.84 0.00	38.37 2.40 0.00	26.75 1.82 0.00	27.23 1.64 0.00	24.54 1.32 0.00	21.58 1.08 0.00
LINDHRST_69_KV_BK1 356055	19.06 1.55 -0.15	19.62 1.48 0.00	18.33 1.40 0.00	18.77 1.37 0.00	18.84 1.46 0.00	18.35 1.56 -1.04	21.44 1.78 -2.59	21.88 2.06 -0.21	24.66 2.24 -0.02	27.12 2.18 0.00	27.80 2.43 0.00	24.39 2.04 0.00	30.00 2.41 0.00	32.05 2.49 0.00	33.23 2.70 0.00	29.01 2.46 -2.31	30.46 2.52 -4.47	46.02 3.84 -5.38	47.65 3.76 -4.05	41.48 3.39 -2.11	28.35 2.64 -0.78	29.02 2.40 -1.04	25.41 1.93 -0.26	22.09 1.60 0.00
LIPA_MISC_IPP 23656	19.11 1.60 -0.15	19.67 1.52 0.00	18.38 1.45 0.00	18.83 1.43 0.00	18.90 1.52 0.00	29.43 1.61 -12.07	31.57 1.77 -12.73	24.07 2.02 -2.45	24.83 2.15 -0.28	26.96 2.02 0.00	27.68 2.31 0.00	24.29 1.95 0.00	29.87 2.28 0.00	31.93 2.37 0.00	33.07 2.55 0.00	28.98 2.43 -2.32	30.43 2.49 -4.47	102.96 3.75 -62.41	90.38 3.57 -46.96	63.74 3.24 -24.53	36.53 2.55 -9.05	39.98 2.32 -12.07	28.12 1.88 -3.02	22.04 1.54 0.00
LISF____SOLAR 323691	19.14 1.64 -0.15	19.71 1.57 0.00	18.42 1.49 0.00	18.86 1.46 0.00	18.94 1.56 0.00	30.07 1.65 -12.68	32.17 1.81 -13.29	24.23 2.06 -2.57	24.89 2.20 -0.30	26.99 2.05 0.00	27.71 2.34 0.00	24.32 1.97 0.00	29.90 2.31 0.00	31.96 2.40 0.00	33.11 2.58 0.00	29.03 2.48 -2.32	30.49 2.55 -4.47	106.22 3.84 -65.57	92.87 3.69 -49.34	65.09 3.35 -25.77	37.05 2.61 -9.51	40.65 2.38 -12.68	28.32 1.93 -3.17	22.08 1.58 0.00
LITTLE FALLS____HYD 24013	17.63 0.28 0.00	18.30 0.16 0.00	17.07 0.14 0.00	17.54 0.14 0.00	17.59 0.20 0.00	16.12 0.37 0.00	17.61 0.54 0.00	20.29 0.69 0.00	23.07 0.67 0.00	25.47 0.53 0.00	25.83 0.45 0.00	22.59 0.25 0.00	28.03 0.43 0.00	30.01 0.45 0.00	30.94 0.41 0.00	24.79 0.56 0.00	24.04 0.56 0.00	38.15 1.35 0.00	41.16 1.32 0.00	36.86 0.89 0.00	25.85 0.92 0.00	26.40 0.82 0.00	23.90 0.68 0.00	21.02 0.53 0.00
LITTLRIV_115KV_TB1 356100	21.64 -0.05 -4.34	18.23 0.09 0.00	17.15 0.21 0.00	17.69 0.28 0.00	17.41 0.03 0.00	15.49 -0.26 0.00	16.83 -0.24 0.00	19.33 -0.28 0.00	22.00 -0.40 0.00	24.46 -0.48 0.00	24.98 -0.39 0.00	22.08 -0.26 0.00	27.31 -0.28 0.00	29.22 -0.34 0.00	30.30 -0.23 0.00	23.95 -0.29 0.00	23.07 -0.39 0.00	35.94 -0.86 0.00	38.98 -0.86 0.00	35.51 -0.46 0.00	24.43 -0.50 0.00	25.25 -0.33 0.00	23.13 -0.09 0.00	20.48 -0.02 0.00

LI_NEWBRDGE___DRP 323616	18.74 1.24 -0.15	19.30 1.16 0.00	18.03 1.10 0.00	18.47 1.06 0.00	18.53 1.15 0.00	17.03 1.29 0.00	20.19 1.49 -1.63	21.34 1.74 0.00	24.26 1.86 0.00	26.77 1.83 0.00	27.39 2.02 0.00	24.02 1.67 0.00	29.53 1.93 0.00	31.56 2.00 0.00	32.66 2.14 0.00	28.51 1.96 -2.31	29.99 2.05 -4.47	39.90 3.10 0.00	42.91 3.07 0.00	38.68 2.71 0.00	27.07 2.14 0.00	27.52 1.94 0.00	24.77 1.56 0.00	21.77 1.27 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.81 -1.53 0.00	16.76 -1.39 0.00	15.64 -1.29 0.00	16.07 -1.33 0.00	16.15 -1.24 0.00	14.68 -1.07 0.00	15.72 -1.35 0.00	18.02 -1.59 0.00	20.97 -1.42 0.00	23.82 -1.12 0.00	24.34 -1.03 0.00	21.39 -0.95 0.00	26.60 -1.00 0.00	28.48 -1.07 0.00	29.43 -1.10 0.00	23.32 -0.91 0.00	22.45 -1.02 0.00	35.18 -1.63 0.00	38.30 -1.54 0.00	34.25 -1.72 0.00	23.23 -1.70 0.00	23.70 -1.89 0.00	21.24 -1.98 0.00	19.03 -1.46 0.00
LOCKPORT___CC1 323769	14.77 -1.55 1.03	13.99 -1.44 2.71	13.57 -1.34 2.02	14.73 -1.35 1.32	13.62 -1.29 2.47	13.17 -1.09 1.49	15.45 -1.37 0.25	18.00 -1.60 0.00	19.74 -1.44 1.22	22.51 -1.13 1.29	22.19 -1.04 2.15	18.86 -0.95 2.53	26.58 -1.01 0.00	28.46 -1.09 0.00	29.42 -1.11 0.00	23.31 -0.92 0.00	21.33 -1.02 1.12	34.89 -1.65 0.27	37.71 -1.58 0.55	34.23 -1.74 0.00	21.72 -1.71 1.50	23.28 -1.90 0.40	20.42 -1.99 0.81	19.02 -1.47 0.00
LOCKPORT___CC2 323770	14.77 -1.55 1.03	13.99 -1.44 2.71	13.57 -1.34 2.02	14.73 -1.35 1.32	13.62 -1.29 2.47	13.17 -1.09 1.49	15.45 -1.37 0.25	18.00 -1.60 0.00	19.74 -1.44 1.22	22.51 -1.13 1.29	22.19 -1.04 2.15	18.86 -0.95 2.53	26.58 -1.01 0.00	28.46 -1.09 0.00	29.42 -1.11 0.00	23.31 -0.92 0.00	21.33 -1.02 1.12	34.89 -1.65 0.27	37.71 -1.58 0.55	34.23 -1.74 0.00	21.72 -1.71 1.50	23.28 -1.90 0.40	20.42 -1.99 0.81	19.02 -1.47 0.00
LOCKPORT___CC3 323771	14.77 -1.55 1.03	13.99 -1.44 2.71	13.57 -1.34 2.02	14.73 -1.35 1.32	13.62 -1.29 2.47	13.17 -1.09 1.49	15.45 -1.37 0.25	18.00 -1.60 0.00	19.74 -1.44 1.22	22.51 -1.13 1.29	22.19 -1.04 2.15	18.86 -0.95 2.53	26.58 -1.01 0.00	28.46 -1.09 0.00	29.42 -1.11 0.00	23.31 -0.92 0.00	21.33 -1.02 1.12	34.89 -1.65 0.27	37.71 -1.58 0.55	34.23 -1.74 0.00	21.72 -1.71 1.50	23.28 -1.90 0.40	20.42 -1.99 0.81	19.02 -1.47 0.00
LONG_LAKE_PHOENIX 24014	16.75 -0.60 0.00	17.49 -0.66 0.00	16.26 -0.67 0.00	16.71 -0.69 0.00	16.70 -0.68 0.00	15.22 -0.53 0.00	16.51 -0.55 0.00	19.00 -0.61 0.00	21.75 -0.65 0.00	24.28 -0.65 0.00	24.70 -0.67 0.00	21.74 -0.60 0.00	26.89 -0.70 0.00	28.81 -0.75 0.00	29.80 -0.73 0.00	23.71 -0.52 0.00	22.98 -0.49 0.00	36.12 -0.68 0.00	39.11 -0.73 0.00	35.15 -0.82 0.00	24.30 -0.63 0.00	24.85 -0.73 0.00	22.46 -0.76 0.00	19.84 -0.65 0.00
LOVETT___3 23632	18.30 0.95 0.00	19.00 0.86 0.00	17.75 0.82 0.00	18.19 0.79 0.00	18.26 0.88 0.00	16.78 1.04 0.00	19.91 1.27 -1.57	21.14 1.54 0.00	24.06 1.66 0.00	26.65 1.72 0.00	27.06 1.69 0.00	23.64 1.30 0.00	29.08 1.49 0.00	31.13 1.58 0.00	32.17 1.64 0.00	25.72 1.49 0.00	25.08 1.62 0.00	39.38 2.58 0.00	42.61 2.77 0.00	38.28 2.31 0.00	26.66 1.73 0.00	27.17 1.58 0.00	24.50 1.28 0.00	21.56 1.06 0.00
LOVETT___4 23642	18.30 0.95 0.00	19.00 0.86 0.00	17.75 0.82 0.00	18.19 0.79 0.00	18.26 0.88 0.00	16.78 1.04 0.00	19.91 1.27 -1.57	21.14 1.54 0.00	24.06 1.66 0.00	26.65 1.72 0.00	27.06 1.69 0.00	23.64 1.30 0.00	29.08 1.49 0.00	31.13 1.58 0.00	32.17 1.64 0.00	25.72 1.49 0.00	25.08 1.62 0.00	39.38 2.58 0.00	42.61 2.77 0.00	38.28 2.31 0.00	26.66 1.73 0.00	27.17 1.58 0.00	24.50 1.28 0.00	21.56 1.06 0.00
LOVETT___5 23593	18.30 0.95 0.00	19.00 0.86 0.00	17.75 0.82 0.00	18.19 0.79 0.00	18.26 0.88 0.00	16.78 1.04 0.00	19.91 1.27 -1.57	21.14 1.54 0.00	24.06 1.66 0.00	26.65 1.72 0.00	27.06 1.69 0.00	23.64 1.30 0.00	29.08 1.49 0.00	31.13 1.58 0.00	32.17 1.64 0.00	25.72 1.49 0.00	25.08 1.62 0.00	39.38 2.58 0.00	42.61 2.77 0.00	38.28 2.31 0.00	26.66 1.73 0.00	27.17 1.58 0.00	24.50 1.28 0.00	21.56 1.06 0.00
LOWER RAQUET___HYD 24057	21.74 -0.35 -4.73	17.93 -0.22 0.00	16.87 -0.06 0.00	17.39 -0.01 0.00	17.11 -0.27 0.00	15.20 -0.55 0.00	16.52 -0.55 0.00	18.98 -0.63 0.00	21.60 -0.79 0.00	24.03 -0.90 0.00	24.58 -0.79 0.00	21.75 -0.60 0.00	26.87 -0.72 0.00	28.74 -0.82 0.00	29.76 -0.77 0.00	23.54 -0.70 0.00	22.68 -0.78 0.00	35.34 -1.46 0.00	38.32 -1.53 0.00	34.90 -1.07 0.00	24.02 -0.90 0.00	24.83 -0.76 0.00	22.78 -0.44 0.00	20.19 -0.31 0.00
LOWER___HUDSON 24059	18.05 0.70 0.00	18.85 0.71 0.00	17.60 0.67 0.00	18.06 0.66 0.00	18.09 0.71 0.00	16.52 0.78 0.00	40.91 0.94 -22.90	20.70 1.09 0.00	23.60 1.21 0.00	26.21 1.27 0.00	26.55 1.18 0.00	23.27 0.92 0.00	28.76 1.17 0.00	30.71 1.16 0.00	31.63 1.10 0.00	25.30 1.07 0.00	24.46 0.99 0.00	38.60 1.80 0.00	41.75 1.91 0.00	37.52 1.56 0.00	26.19 1.26 0.00	26.78 1.19 0.00	24.28 1.07 0.00	21.36 0.86 0.00
LOWVILLE_115KV_TB2 356335	18.30 -0.41 -1.36	17.77 -0.37 0.00	16.43 -0.50 0.00	16.90 -0.50 0.00	16.92 -0.46 0.00	15.32 -0.43 0.00	16.70 -0.37 0.00	19.17 -0.43 0.00	21.90 -0.49 0.00	24.55 -0.38 0.00	25.10 -0.27 0.00	22.37 0.02 0.00	27.75 0.16 0.00	29.69 0.13 0.00	30.62 0.09 0.00	24.38 0.14 0.00	23.72 0.26 0.00	37.42 0.62 0.00	40.59 0.75 0.00	36.62 0.65 0.00	25.15 0.23 0.00	25.71 0.12 0.00	23.41 0.19 0.00	20.56 0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.08 0.73 0.00	18.88 0.74 0.00	17.62 0.68 0.00	18.09 0.69 0.00	18.11 0.73 0.00	16.54 0.80 0.00	38.87 0.99 -20.81	20.75 1.15 0.00	23.65 1.26 0.00	26.25 1.32 0.00	26.65 1.28 0.00	23.33 0.98 0.00	28.92 1.32 0.00	30.95 1.39 0.00	31.92 1.39 0.00	25.53 1.29 0.00	24.71 1.24 0.00	38.98 2.18 0.00	42.14 2.30 0.00	37.88 1.91 0.00	26.37 1.44 0.00	26.95 1.36 0.00	24.38 1.16 0.00	21.43 0.93 0.00
LUTHERNY_35_KV_BK2 355980	18.08 0.73 0.00	18.89 0.74 0.00	17.62 0.69 0.00	18.10 0.70 0.00	18.11 0.72 0.00	16.55 0.81 0.00	38.89 1.01 -20.81	20.76 1.16 0.00	23.69 1.29 0.00	26.25 1.32 0.00	26.68 1.30 0.00	23.34 0.99 0.00	28.95 1.36 0.00	30.96 1.40 0.00	31.94 1.41 0.00	25.54 1.30 0.00	24.73 1.25 0.00	39.02 2.21 0.00	42.17 2.33 0.00	37.92 1.95 0.00	26.40 1.47 0.00	26.97 1.38 0.00	24.40 1.18 0.00	21.44 0.95 0.00
LWR___OSWEGATCHIE_HYD 23850	20.10 -0.46 -3.22	17.75 -0.40 0.00	16.56 -0.37 0.00	17.06 -0.34 0.00	16.92 -0.47 0.00	15.17 -0.58 0.00	16.52 -0.56 0.00	18.97 -0.64 0.00	21.63 -0.77 0.00	24.15 -0.79 0.00	24.68 -0.69 0.00	21.90 -0.44 0.00	27.12 -0.48 0.00	29.02 -0.53 0.00	30.01 -0.52 0.00	23.84 -0.40 0.00	23.09 -0.38 0.00	36.22 -0.58 0.00	39.27 -0.57 0.00	35.56 -0.41 0.00	24.45 -0.47 0.00	25.12 -0.46 0.00	22.94 -0.28 0.00	20.26 -0.24 0.00

LYONS_FALL_HYD 23570	18.16 -0.09 -0.90	18.08 -0.07 0.00	16.76 -0.17 0.00	17.23 -0.17 0.00	17.25 -0.13 0.00	15.66 -0.09 0.00	17.06 -0.01 0.00	19.60 -0.01 0.00	22.41 0.02 0.00	25.05 0.11 0.00	25.56 0.19 0.00	22.67 0.32 0.00	28.07 0.48 0.00	30.07 0.51 0.00	31.01 0.48 0.00	24.68 0.44 0.00	23.99 0.52 0.00	37.79 0.99 0.00	40.95 1.11 0.00	36.96 0.99 0.00	25.47 0.54 0.00	26.03 0.44 0.00	23.64 0.42 0.00	20.79 0.29 0.00
MADISON___COUNTY_LFGE 323628	17.63 0.28 0.00	18.43 0.28 0.00	17.16 0.22 0.00	17.63 0.23 0.00	17.65 0.27 0.00	16.08 0.33 0.00	17.52 0.45 0.00	20.16 0.55 0.00	23.07 0.68 0.00	25.72 0.78 0.00	26.18 0.81 0.00	23.07 0.73 0.00	28.53 0.94 0.00	30.62 1.07 0.00	31.59 1.06 0.00	25.11 0.87 0.00	24.36 0.89 0.00	38.34 1.54 0.00	41.49 1.65 0.00	37.58 1.61 0.00	25.97 1.04 0.00	26.54 0.95 0.00	24.02 0.80 0.00	21.17 0.67 0.00
MALONE___115KV_TB1 356076	38.13 -0.26 -21.04	18.16 0.02 0.00	17.11 0.18 0.00	17.76 0.36 0.00	17.45 0.07 0.00	15.46 -0.29 0.00	17.20 0.13 0.00	19.96 0.36 0.00	22.60 0.21 0.00	25.11 0.17 0.00	25.78 0.41 0.00	22.69 0.35 0.00	28.00 0.40 0.00	29.80 0.24 0.00	31.00 0.47 0.00	24.73 0.49 0.00	23.84 0.37 0.00	36.88 0.08 0.00	39.84 0.00 0.00	36.42 0.45 0.00	25.17 0.24 0.00	25.92 0.33 0.00	23.58 0.36 0.00	20.94 0.44 0.00
MAPLEWOD_115KV_TB3 80458	17.88 0.53 0.00	18.64 0.49 0.00	17.39 0.45 0.00	17.85 0.45 0.00	17.87 0.49 0.00	16.32 0.58 0.00	27.58 0.72 -9.79	20.45 0.84 0.00	23.28 0.89 0.00	25.79 0.86 0.00	26.09 0.72 0.00	22.87 0.53 0.00	28.29 0.70 0.00	30.30 0.74 0.00	31.24 0.71 0.00	24.90 0.66 0.00	24.28 0.81 0.00	38.39 1.58 0.00	41.52 1.68 0.00	37.32 1.35 0.00	26.02 1.09 0.00	26.62 1.03 0.00	24.22 1.00 0.00	21.31 0.81 0.00
MAPLE_RIDGE_WT_1 323574	16.80 -0.55 0.00	17.65 -0.50 0.00	16.48 -0.46 0.00	16.94 -0.46 0.00	16.87 -0.51 0.00	15.18 -0.56 0.00	16.46 -0.61 0.00	18.92 -0.69 0.00	21.62 -0.77 0.00	24.12 -0.81 0.00	24.70 -0.68 0.00	21.93 -0.41 0.00	27.16 -0.43 0.00	29.03 -0.53 0.00	29.91 -0.62 0.00	23.76 -0.48 0.00	22.93 -0.54 0.00	35.93 -0.87 0.00	38.96 -0.88 0.00	35.38 -0.59 0.00	24.44 -0.49 0.00	25.10 -0.49 0.00	22.89 -0.33 0.00	20.26 -0.23 0.00
MAPLE_RIDGE_WT_2 323611	16.80 -0.55 0.00	17.65 -0.50 0.00	16.48 -0.46 0.00	16.94 -0.46 0.00	16.87 -0.51 0.00	15.18 -0.56 0.00	16.46 -0.61 0.00	18.92 -0.69 0.00	21.62 -0.77 0.00	24.12 -0.81 0.00	24.70 -0.68 0.00	21.93 -0.41 0.00	27.16 -0.43 0.00	29.03 -0.53 0.00	29.91 -0.62 0.00	23.76 -0.48 0.00	22.93 -0.54 0.00	35.93 -0.87 0.00	38.96 -0.88 0.00	35.38 -0.59 0.00	24.44 -0.49 0.00	25.10 -0.49 0.00	22.89 -0.33 0.00	20.26 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	-14.62 -0.60 31.37	17.86 -0.28 0.00	16.85 -0.08 0.00	17.53 0.13 0.00	17.23 -0.15 0.00	15.23 -0.52 0.00	17.04 -0.03 0.00	19.85 0.24 0.00	22.42 0.03 0.00	24.90 -0.03 0.00	25.62 0.24 0.00	22.57 0.23 0.00	27.82 0.23 0.00	29.61 0.05 0.00	30.77 0.25 0.00	24.63 0.39 0.00	23.73 0.26 0.00	36.63 -0.17 0.00	39.47 -0.38 0.00	36.10 0.13 0.00	25.04 0.11 0.00	25.74 0.16 0.00	23.36 0.14 0.00	20.80 0.30 0.00
MARSHVLE_115KV_TB1 80742	18.13 0.78 0.00	18.93 0.79 0.00	17.69 0.75 0.00	18.17 0.77 0.00	18.16 0.78 0.00	16.45 0.70 0.00	33.05 0.79 -15.18	20.52 0.92 0.00	23.47 1.07 0.00	26.17 1.23 0.00	26.79 1.42 0.00	23.54 1.19 0.00	29.21 1.62 0.00	31.41 1.85 0.00	32.41 1.88 0.00	25.75 1.51 0.00	25.04 1.57 0.00	39.12 2.31 0.00	42.41 2.57 0.00	38.34 2.37 0.00	26.30 1.37 0.00	27.07 1.49 0.00	24.48 1.26 0.00	21.62 1.13 0.00
MARSH_HILL_WT_PWR 323713	16.31 -1.21 -0.17	17.98 -0.61 -0.45	16.31 -0.95 -0.33	16.74 -0.88 -0.22	17.12 -0.67 -0.41	14.96 -1.04 -0.25	16.89 -0.69 -0.51	19.24 -0.36 0.00	22.63 0.04 -0.20	25.44 0.29 -0.21	25.83 0.10 -0.36	22.88 0.11 -0.42	28.04 0.45 0.00	30.26 0.70 0.00	31.35 0.82 0.00	24.92 0.68 0.00	24.27 0.63 -0.18	38.02 1.17 -0.04	40.91 0.98 -0.09	36.69 0.72 0.00	25.69 0.51 -0.25	26.27 0.61 -0.07	23.82 0.46 -0.14	21.00 0.50 0.00
MCINTYRE_115KV_TB2 80467	21.21 0.15 -3.71	18.44 0.30 0.00	17.35 0.42 0.00	17.89 0.49 0.00	17.63 0.25 0.00	15.71 -0.04 0.00	17.04 -0.04 0.00	19.56 -0.04 0.00	22.26 -0.14 0.00	24.71 -0.22 0.00	25.22 -0.16 0.00	22.28 -0.06 0.00	27.57 -0.03 0.00	29.49 -0.07 0.00	30.60 0.07 0.00	24.17 -0.06 0.00	23.28 -0.19 0.00	36.28 -0.53 0.00	39.37 -0.48 0.00	35.87 -0.10 0.00	24.66 -0.26 0.00	25.52 -0.07 0.00	23.34 0.12 0.00	20.66 0.16 0.00
MECO___69_KV_BK1 80468	18.91 1.56 0.00	19.68 1.54 0.00	18.37 1.44 0.00	18.88 1.48 0.00	18.89 1.51 0.00	17.25 1.50 0.00	35.19 1.74 -16.38	21.62 2.02 0.00	24.29 1.89 0.00	26.55 1.61 0.00	27.39 2.02 0.00	23.71 1.36 0.00	30.07 2.48 0.00	32.55 2.99 0.00	33.63 3.11 0.00	26.95 2.72 0.00	26.13 2.66 0.00	41.36 4.56 0.00	44.87 5.02 0.00	40.41 4.44 0.00	27.77 2.84 0.00	28.42 2.83 0.00	25.67 2.45 0.00	22.50 2.00 0.00
MENANDS___115KV_TB5 355628	17.81 0.46 0.00	18.57 0.42 0.00	17.32 0.39 0.00	17.78 0.38 0.00	17.81 0.42 0.00	16.26 0.52 0.00	27.01 0.65 -9.29	20.36 0.75 0.00	23.19 0.80 0.00	25.66 0.73 0.00	25.94 0.57 0.00	22.76 0.41 0.00	28.12 0.53 0.00	30.11 0.56 0.00	31.04 0.52 0.00	24.72 0.49 0.00	24.13 0.66 0.00	38.15 1.35 0.00	41.27 1.43 0.00	37.09 1.12 0.00	25.87 0.94 0.00	26.47 0.89 0.00	24.13 0.91 0.00	21.23 0.73 0.00
MG INDUSTRY___DRP 24185	17.84 0.49 0.00	18.61 0.46 0.00	17.35 0.42 0.00	17.82 0.42 0.00	17.83 0.45 0.00	16.27 0.52 0.00	23.30 0.64 -5.59	20.33 0.72 0.00	23.13 0.74 0.00	25.61 0.67 0.00	25.91 0.54 0.00	22.74 0.39 0.00	28.16 0.57 0.00	30.18 0.63 0.00	31.12 0.59 0.00	24.83 0.59 0.00	24.18 0.71 0.00	38.18 1.37 0.00	41.32 1.48 0.00	37.17 1.20 0.00	25.86 0.93 0.00	26.48 0.89 0.00	24.10 0.87 0.00	21.22 0.73 0.00
MID___OSWEGATCHIE_HYD 23849	20.10 -0.46 -3.22	17.75 -0.40 0.00	16.56 -0.37 0.00	17.06 -0.34 0.00	16.92 -0.47 0.00	15.17 -0.58 0.00	16.52 -0.56 0.00	18.97 -0.64 0.00	21.63 -0.77 0.00	24.15 -0.79 0.00	24.68 -0.69 0.00	21.90 -0.44 0.00	27.12 -0.48 0.00	29.02 -0.53 0.00	30.01 -0.52 0.00	23.84 -0.40 0.00	23.09 -0.38 0.00	36.22 -0.58 0.00	39.27 -0.57 0.00	35.56 -0.41 0.00	24.45 -0.47 0.00	25.12 -0.46 0.00	22.94 -0.28 0.00	20.26 -0.24 0.00
MID___RAQUETTE_HYD 23851	21.74 -0.34 -4.73	17.93 -0.22 0.00	16.86 -0.07 0.00	17.39 -0.01 0.00	17.11 -0.27 0.00	15.20 -0.55 0.00	16.52 -0.55 0.00	18.98 -0.63 0.00	21.60 -0.79 0.00	24.03 -0.90 0.00	24.58 -0.79 0.00	21.75 -0.59 0.00	26.87 -0.72 0.00	28.74 -0.82 0.00	29.76 -0.77 0.00	23.54 -0.70 0.00	22.68 -0.78 0.00	35.34 -1.46 0.00	38.31 -1.53 0.00	34.89 -1.07 0.00	24.02 -0.90 0.00	24.83 -0.76 0.00	22.78 -0.44 0.00	20.19 -0.31 0.00

MILLIKEN___1 23584	17.39 0.04 0.00	18.17 0.03 0.00	16.93 0.00 0.00	17.39 -0.01 0.00	17.42 0.04 0.00	15.87 0.13 0.00	17.78 0.24 -0.48	19.93 0.33 0.00	22.87 0.47 0.00	25.53 0.60 0.00	25.96 0.59 0.00	22.78 0.44 0.00	28.22 0.63 0.00	30.43 0.87 0.00	31.43 0.90 0.00	24.94 0.70 0.00	24.17 0.70 0.00	37.97 1.18 0.00	41.11 1.27 0.00	36.93 0.96 0.00	25.51 0.58 0.00	26.07 0.49 0.00	23.56 0.34 0.00	20.82 0.32 0.00
MILLIKEN___2 23585	17.39 0.04 0.00	18.17 0.03 0.00	16.93 0.00 0.00	17.39 -0.01 0.00	17.42 0.04 0.00	15.87 0.13 0.00	17.78 0.24 -0.48	19.93 0.33 0.00	22.87 0.47 0.00	25.53 0.60 0.00	25.96 0.59 0.00	22.78 0.44 0.00	28.22 0.63 0.00	30.43 0.87 0.00	31.43 0.90 0.00	24.94 0.70 0.00	24.17 0.70 0.00	37.97 1.18 0.00	41.11 1.27 0.00	36.93 0.96 0.00	25.51 0.58 0.00	26.07 0.49 0.00	23.56 0.34 0.00	20.82 0.32 0.00
MILLIKEN___DIESEL 23629	17.39 0.04 0.00	18.17 0.03 0.00	16.93 0.00 0.00	17.39 -0.01 0.00	17.42 0.04 0.00	15.87 0.13 0.00	17.78 0.24 -0.48	19.93 0.33 0.00	22.87 0.47 0.00	25.53 0.60 0.00	25.96 0.59 0.00	22.78 0.44 0.00	28.22 0.63 0.00	30.43 0.87 0.00	31.43 0.90 0.00	24.94 0.70 0.00	24.17 0.70 0.00	37.97 1.18 0.00	41.11 1.27 0.00	36.93 0.96 0.00	25.51 0.58 0.00	26.07 0.49 0.00	23.56 0.34 0.00	20.82 0.32 0.00
MILLSEAT___LFGE 323607	15.23 -1.18 0.93	14.61 -1.07 2.46	14.09 -1.01 1.83	15.19 -1.02 1.20	14.20 -0.94 2.24	13.64 -0.75 1.35	15.88 -0.96 0.23	18.50 -1.11 0.00	20.40 -0.89 1.10	23.20 -0.56 1.17	22.95 -0.47 1.95	19.59 -0.45 2.30	27.21 -0.39 0.00	29.14 -0.41 0.00	30.10 -0.43 0.00	23.85 -0.39 0.00	21.97 -0.49 1.02	35.78 -0.78 0.24	38.71 -0.63 0.50	35.07 -0.90 0.00	22.44 -1.13 1.36	23.90 -1.32 0.37	21.01 -1.48 0.73	19.43 -1.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.34 0.99 0.00	19.05 0.90 0.00	17.79 0.86 0.00	18.23 0.83 0.00	18.30 0.92 0.00	16.82 1.07 0.00	20.00 1.31 -1.62	21.18 1.58 0.00	24.12 1.72 0.00	26.72 1.78 0.00	27.13 1.76 0.00	23.72 1.37 0.00	29.17 1.58 0.00	31.22 1.66 0.00	32.26 1.73 0.00	25.80 1.57 0.00	25.14 1.68 0.00	39.49 2.69 0.00	42.71 2.86 0.00	38.38 2.41 0.00	26.74 1.81 0.00	27.25 1.66 0.00	24.57 1.35 0.00	21.61 1.11 0.00
MILLWOOD_13_KV_LOAD 356217	18.38 1.03 0.00	19.10 0.95 0.00	17.83 0.90 0.00	18.28 0.87 0.00	18.34 0.96 0.00	16.86 1.11 0.00	20.04 1.36 -1.62	21.24 1.63 0.00	24.18 1.79 0.00	26.80 1.86 0.00	27.21 1.84 0.00	23.78 1.44 0.00	29.25 1.66 0.00	31.30 1.75 0.00	32.35 1.83 0.00	25.87 1.64 0.00	25.22 1.75 0.00	39.61 2.81 0.00	42.83 2.99 0.00	38.49 2.52 0.00	26.82 1.89 0.00	27.32 1.73 0.00	24.63 1.42 0.00	21.66 1.16 0.00
MODEL_CITY_ENERGY 24167	14.59 -1.69 1.07	13.74 -1.58 2.83	13.35 -1.48 2.10	14.53 -1.50 1.37	13.40 -1.41 2.57	12.99 -1.21 1.55	15.27 -1.54 0.26	17.78 -1.82 0.00	19.44 -1.69 1.27	22.17 -1.42 1.35	21.79 -1.35 2.23	18.49 -1.22 2.64	26.24 -1.36 0.00	28.09 -1.46 0.00	29.03 -1.50 0.00	23.01 -1.23 0.00	20.99 -1.32 1.17	34.40 -2.12 0.28	37.18 -2.09 0.58	33.79 -2.18 0.00	21.35 -2.02 1.56	22.96 -2.21 0.42	20.12 -2.26 0.84	18.80 -1.70 0.00
MODERN_LFGE___ 323580	14.59 -1.69 1.07	13.74 -1.58 2.83	13.35 -1.48 2.10	14.53 -1.50 1.37	13.40 -1.41 2.57	12.99 -1.21 1.55	15.27 -1.54 0.26	17.78 -1.82 0.00	19.44 -1.69 1.27	22.17 -1.42 1.35	21.79 -1.35 2.23	18.49 -1.22 2.64	26.24 -1.36 0.00	28.09 -1.46 0.00	29.03 -1.50 0.00	23.01 -1.23 0.00	20.99 -1.32 1.17	34.40 -2.12 0.28	37.18 -2.09 0.58	33.79 -2.18 0.00	21.35 -2.02 1.56	22.96 -2.21 0.42	20.12 -2.26 0.84	18.80 -1.70 0.00
MOHAWK_PAPER___DRP 24187	17.88 0.53 0.00	18.64 0.49 0.00	17.39 0.45 0.00	17.85 0.45 0.00	17.87 0.49 0.00	16.32 0.58 0.00	27.58 0.72 -9.79	20.45 0.84 0.00	23.28 0.89 0.00	25.79 0.86 0.00	26.09 0.72 0.00	22.87 0.53 0.00	28.29 0.70 0.00	30.30 0.74 0.00	31.24 0.71 0.00	24.90 0.66 0.00	24.28 0.81 0.00	38.39 1.58 0.00	41.52 1.68 0.00	37.32 1.35 0.00	26.02 1.09 0.00	26.62 1.03 0.00	24.22 1.00 0.00	21.31 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	17.97 0.62 0.00	18.75 0.60 0.00	17.50 0.57 0.00	17.99 0.59 0.00	18.01 0.63 0.00	16.46 0.71 0.00	38.70 0.97 -20.66	20.71 1.11 0.00	23.62 1.23 0.00	26.23 1.29 0.00	26.62 1.25 0.00	23.21 0.87 0.00	28.83 1.24 0.00	30.85 1.29 0.00	31.87 1.35 0.00	25.62 1.38 0.00	24.72 1.25 0.00	39.09 2.29 0.00	42.18 2.34 0.00	37.86 1.89 0.00	26.34 1.41 0.00	26.92 1.34 0.00	24.30 1.08 0.00	21.32 0.82 0.00
MONGAUP___HYD 23641	18.21 0.86 0.00	18.93 0.78 0.00	17.67 0.74 0.00	18.19 0.79 0.00	18.17 0.79 0.00	16.71 0.96 0.00	19.59 1.02 -1.49	20.93 1.33 0.00	23.75 1.36 0.00	26.47 1.54 0.00	26.70 1.33 0.00	23.31 0.96 0.00	28.71 1.11 0.00	30.74 1.18 0.00	31.72 1.20 0.00	25.32 1.09 0.00	24.72 1.25 0.00	39.00 2.20 0.00	42.24 2.40 0.00	37.97 2.00 0.00	26.42 1.49 0.00	27.14 1.56 0.00	24.46 1.24 0.00	21.60 1.10 0.00
MONTAUK___DIESEL 23721	19.66 2.16 -0.15	20.25 2.11 0.00	18.93 2.00 0.00	19.40 1.99 0.00	19.48 2.10 0.00	30.25 2.16 -12.34	32.45 2.41 -12.97	24.87 2.76 -2.50	25.62 2.94 -0.29	27.75 2.81 0.00	28.44 3.07 0.00	24.94 2.60 0.00	30.61 3.02 0.00	32.74 3.19 0.00	33.93 3.40 0.00	29.67 3.11 -2.32	31.15 3.21 -4.47	105.53 4.92 -63.81	92.66 4.81 -48.01	65.30 4.25 -25.08	37.37 3.19 -9.25	40.85 2.92 -12.34	28.71 2.40 -3.09	22.42 1.92 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.90 -1.45 0.00	16.61 -1.54 0.00	15.83 -1.10 0.00	16.20 -1.20 0.00	15.86 -1.52 0.00	14.73 -1.02 0.00	16.33 -0.74 0.00	18.51 -1.09 0.00	21.45 -0.94 0.00	24.34 -0.60 0.00	24.88 -0.50 0.00	21.66 -0.69 0.00	27.16 -0.44 0.00	29.57 0.02 0.00	31.21 0.68 0.00	24.98 0.75 0.00	24.06 0.60 0.00	37.84 1.04 0.00	40.61 0.78 0.00	36.32 0.35 0.00	24.78 -0.14 0.00	25.30 -0.28 0.00	22.78 -0.44 0.00	20.31 -0.19 0.00
MORTIMER_115KV_TB3 55949	16.38 -0.97 0.00	17.20 -0.94 0.00	16.05 -0.88 0.00	16.51 -0.89 0.00	16.52 -0.86 0.00	15.06 -0.69 0.00	16.29 -0.78 0.00	18.74 -0.86 0.00	21.65 -0.74 0.00	24.42 -0.52 0.00	24.90 -0.47 0.00	21.89 -0.46 0.00	27.18 -0.41 0.00	29.14 -0.42 0.00	30.08 -0.45 0.00	23.86 -0.38 0.00	23.03 -0.44 0.00	36.11 -0.69 0.00	39.22 -0.62 0.00	35.15 -0.82 0.00	24.01 -0.91 0.00	24.52 -1.06 0.00	22.03 -1.19 0.00	19.60 -0.90 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.40 1.05 0.00	19.12 0.97 0.00	17.85 0.92 0.00	18.29 0.88 0.00	18.36 0.98 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.33 1.73 0.00	24.28 1.89 0.00	26.91 1.97 0.00	27.30 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.41 1.85 0.00	32.46 1.93 0.00	25.96 1.73 0.00	25.32 1.85 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.57 2.60 0.00	26.89 1.96 0.00	27.37 1.79 0.00	24.67 1.45 0.00	21.70 1.20 0.00

MUNSVILLE_WIND_PWR 323609	18.27 0.59 -0.33	19.85 0.83 -0.87	18.17 0.59 -0.65	18.48 0.65 -0.42	18.98 0.80 -0.79	16.92 0.70 -0.48	19.22 1.00 -1.16	20.93 1.32 0.00	24.47 1.69 -0.39	27.43 2.08 -0.41	28.18 2.12 -0.69	24.78 1.63 -0.81	29.82 2.23 0.00	32.21 2.66 0.00	33.30 2.77 0.00	26.54 2.31 0.00	26.08 2.26 -0.35	40.56 3.68 -0.08	43.77 3.76 -0.17	38.85 2.88 0.00	27.27 1.87 -0.47	27.58 1.86 -0.13	25.13 1.66 -0.25	22.06 1.56 0.00
N SALMON___HYD 24042	38.13 -0.27 -21.04	18.16 0.02 0.00	17.11 0.18 0.00	17.76 0.36 0.00	17.45 0.07 0.00	15.46 -0.29 0.00	17.20 0.13 0.00	19.96 0.36 0.00	22.60 0.21 0.00	25.11 0.17 0.00	25.78 0.41 0.00	22.69 0.35 0.00	28.00 0.40 0.00	29.80 0.24 0.00	31.00 0.47 0.00	24.73 0.49 0.00	23.84 0.37 0.00	36.89 0.08 0.00	39.84 0.00 0.00	36.42 0.45 0.00	25.17 0.24 0.00	25.92 0.33 0.00	23.59 0.36 0.00	20.94 0.44 0.00
N.AKRON___115KV_KNAPP 355671	16.15 -1.20 0.00	17.09 -1.05 0.00	15.95 -0.99 0.00	16.38 -1.02 0.00	16.46 -0.92 0.00	14.99 -0.76 0.00	16.09 -0.98 0.00	18.49 -1.12 0.00	21.49 -0.90 0.00	24.37 -0.57 0.00	24.89 -0.48 0.00	21.88 -0.47 0.00	27.20 -0.39 0.00	29.14 -0.42 0.00	30.10 -0.43 0.00	23.85 -0.39 0.00	22.97 -0.50 0.00	36.01 -0.79 0.00	39.19 -0.65 0.00	35.05 -0.92 0.00	23.78 -1.15 0.00	24.25 -1.33 0.00	21.72 -1.50 0.00	19.43 -1.07 0.00
N.BELMOR_69_KV_BK1 55787	18.89 1.39 -0.15	19.45 1.30 0.00	18.16 1.23 0.00	18.60 1.20 0.00	18.67 1.29 0.00	17.16 1.42 0.00	20.34 1.64 -1.63	21.51 1.90 0.00	24.44 2.05 0.00	26.96 2.03 0.00	27.60 2.23 0.00	24.21 1.87 0.00	29.77 2.18 0.00	31.80 2.24 0.00	32.94 2.41 0.00	28.74 2.19 -2.31	30.21 2.27 -4.47	40.29 3.49 0.00	43.31 3.46 0.00	39.01 3.04 0.00	27.31 2.39 0.00	27.75 2.16 0.00	24.99 1.77 0.00	21.94 1.44 0.00
N.E_GEN_SANDY PD 24062	28.05 0.98 -9.72	29.48 0.97 -10.37	27.81 0.91 -9.96	27.44 0.89 -9.15	27.11 0.97 -8.76	26.97 1.07 -10.15	28.09 1.29 -9.73	28.71 1.53 -7.58	30.81 1.72 -6.70	28.95 1.87 -2.15	29.28 1.82 -2.09	25.04 1.42 -1.27	29.63 1.65 -0.39	31.14 1.58 0.00	30.73 1.50 1.30	26.44 1.55 -0.66	31.38 1.27 -6.64	43.84 2.06 -4.98	42.08 2.24 0.00	36.58 1.84 1.22	28.00 1.47 -1.60	26.96 1.37 0.00	24.43 1.21 0.00	21.50 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.33 0.98 0.00	19.04 0.89 0.00	17.78 0.84 0.00	18.22 0.82 0.00	18.29 0.91 0.00	16.81 1.06 0.00	19.95 1.30 -1.57	21.18 1.57 0.00	24.10 1.71 0.00	26.71 1.77 0.00	27.11 1.74 0.00	23.69 1.34 0.00	29.14 1.55 0.00	31.20 1.64 0.00	32.23 1.70 0.00	25.78 1.54 0.00	25.13 1.67 0.00	39.47 2.67 0.00	42.71 2.87 0.00	38.37 2.40 0.00	26.71 1.78 0.00	27.22 1.64 0.00	24.55 1.33 0.00	21.59 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	18.43 1.08 0.00	19.17 1.02 0.00	17.90 0.97 0.00	18.32 0.92 0.00	18.41 1.03 0.00	16.93 1.18 0.00	20.18 1.47 -1.63	21.43 1.82 0.00	24.38 1.99 0.00	27.00 2.07 0.00	27.36 1.99 0.00	23.90 1.55 -0.01	29.40 1.81 0.00	31.50 1.94 -0.01	32.55 2.02 0.00	26.03 1.79 0.00	25.37 1.90 0.00	39.64 2.84 0.00	42.87 3.03 0.00	38.68 2.71 0.00	26.86 1.92 -0.01	27.27 1.67 -0.01	24.66 1.43 -0.01	21.74 1.25 0.00
N.TROY___115KV_TB1 355778	18.05 0.70 0.00	18.85 0.71 0.00	17.60 0.67 0.00	18.06 0.66 0.00	18.09 0.71 0.00	16.52 0.78 0.00	40.91 0.94 -22.90	20.70 1.09 0.00	23.60 1.21 0.00	26.21 1.27 0.00	26.55 1.18 0.00	23.26 0.92 0.00	28.76 1.17 0.00	30.72 1.16 0.00	31.63 1.10 0.00	25.31 1.07 0.00	24.46 0.99 0.00	38.60 1.80 0.00	41.75 1.91 0.00	37.53 1.56 0.00	26.19 1.26 0.00	26.77 1.19 0.00	24.28 1.06 0.00	21.36 0.86 0.00
NARROWS_GT1_1 24228	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT1_2 24229	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT1_3 24230	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT1_4 24231	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT1_5 24232	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT1_6 24233	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT1_7 24234	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00

NARROWS_GT1_8 24235	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_1 24236	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_2 24237	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_3 24238	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_4 24239	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_5 24240	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_6 24241	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_7 24242	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NARROWS_GT2_8 24243	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.90 3.10 0.00	43.15 3.30 0.00	38.84 2.87 0.00	71.80 2.12 -44.75	102.02 1.93 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.25 0.90 0.00	19.05 0.90 0.00	17.76 0.82 0.00	18.24 0.84 0.00	18.26 0.88 0.00	16.68 0.93 0.00	23.48 1.12 -5.30	20.89 1.28 0.00	23.72 1.32 0.00	26.17 1.24 0.00	26.26 0.89 0.00	23.08 0.73 0.00	28.79 1.20 0.00	30.89 1.33 0.00	31.76 1.23 0.00	25.46 1.22 0.00	24.79 1.32 0.00	39.29 2.49 0.00	42.54 2.70 0.00	38.19 2.22 0.00	26.51 1.59 0.00	27.13 1.55 0.00	24.71 1.49 0.00	21.72 1.22 0.00
NCHELSEA_115KV_TR2 355582	18.41 1.06 0.00	19.15 1.00 0.00	18.00 1.07 0.00	18.46 1.06 0.00	18.52 1.14 0.00	17.00 1.25 0.00	20.32 1.53 -1.73	21.45 1.84 0.00	24.43 2.04 0.00	27.06 2.13 0.00	27.44 2.07 0.00	23.97 1.62 0.00	29.53 1.93 0.00	31.56 2.00 0.00	32.58 2.05 0.00	26.10 1.87 0.00	25.44 1.97 0.00	40.06 3.26 0.00	43.38 3.54 0.00	38.98 3.01 0.00	27.13 2.20 0.00	27.64 2.05 0.00	24.92 1.70 0.00	21.91 1.41 0.00
NEG CAPITAL___MECHNVIL 23645	18.11 0.76 0.00	18.91 0.77 0.00	17.65 0.72 0.00	18.12 0.72 0.00	18.14 0.76 0.00	16.57 0.83 0.00	39.72 1.02 -21.62	20.79 1.19 0.00	23.71 1.31 0.00	26.34 1.40 0.00	26.73 1.35 0.00	23.37 1.02 0.00	28.96 1.36 0.00	31.03 1.48 0.00	31.99 1.46 0.00	25.56 1.33 0.00	24.74 1.27 0.00	39.04 2.24 0.00	42.22 2.38 0.00	37.93 1.96 0.00	26.41 1.48 0.00	26.98 1.39 0.00	24.41 1.19 0.00	21.46 0.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.81 -1.13 0.41	15.92 -1.15 1.07	15.05 -1.08 0.80	15.79 -1.09 0.52	15.34 -1.06 0.98	14.29 -0.87 0.59	16.05 -0.92 0.10	18.57 -1.03 0.00	20.93 -0.99 0.48	23.56 -0.87 0.51	23.69 -0.83 0.85	20.58 -0.76 1.00	26.77 -0.82 0.00	28.73 -0.83 0.00	29.66 -0.87 0.00	23.52 -0.72 0.00	22.30 -0.73 0.44	35.55 -1.15 0.10	38.45 -1.17 0.22	34.66 -1.30 0.00	23.17 -1.18 0.58	24.11 -1.32 0.16	21.51 -1.40 0.31	19.37 -1.13 0.00
NEG CENTRAL___DRP 24199	16.91 -0.44 0.00	17.70 -0.45 0.00	16.47 -0.47 0.00	16.94 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.84 -0.23 0.00	19.42 -0.19 0.00	22.32 -0.08 0.00	24.96 0.02 0.00	25.38 0.00 0.00	22.31 -0.03 0.00	27.64 0.05 0.00	29.88 0.33 0.00	30.87 0.34 0.00	24.51 0.27 0.00	23.68 0.21 0.00	37.15 0.35 0.00	40.21 0.37 0.00	36.10 0.13 0.00	24.93 0.00 0.00	25.51 -0.08 0.00	23.00 -0.22 0.00	20.35 -0.15 0.00
NEG CENTRAL___INDECK 23768	16.82 -0.53 0.00	17.80 -0.35 0.00	16.49 -0.45 0.00	16.99 -0.41 0.00	17.06 -0.32 0.00	15.44 -0.31 0.00	17.32 -0.15 -0.40	19.68 0.07 0.00	22.79 0.40 0.00	25.63 0.69 0.00	25.95 0.58 0.00	22.87 0.52 0.00	28.43 0.83 0.00	30.58 1.02 0.00	31.63 1.11 0.00	25.16 0.93 0.00	24.33 0.86 0.00	38.31 1.51 0.00	41.45 1.61 0.00	37.15 1.18 0.00	25.66 0.59 -0.14	26.17 0.55 -0.04	23.57 0.27 -0.07	20.81 0.31 0.00

NEG CENTRAL___SENECA 23627	16.89 -0.46 0.00	17.74 -0.41 0.00	16.48 -0.45 0.00	16.97 -0.43 0.00	17.00 -0.38 0.00	15.48 -0.27 0.00	16.91 -0.16 0.00	19.55 -0.06 0.00	22.49 0.10 0.00	25.16 0.23 0.00	25.56 0.19 0.00	22.51 0.16 0.00	27.91 0.32 0.00	30.00 0.45 0.00	31.03 0.51 0.00	24.73 0.50 0.00	23.85 0.38 0.00	37.42 0.62 0.00	40.49 0.65 0.00	36.30 0.33 0.00	25.06 0.13 0.00	25.66 0.08 0.00	23.11 -0.11 0.00	20.46 -0.04 0.00
NEG CENTRAL___STATE_STREET 24147	17.10 -0.24 0.00	17.82 -0.33 0.00	16.64 -0.30 0.00	17.04 -0.36 0.00	17.10 -0.28 0.00	15.59 -0.16 0.00	16.97 -0.10 0.00	19.45 -0.16 0.00	22.35 -0.04 0.00	24.98 0.04 0.00	25.44 0.06 0.00	22.28 -0.07 0.00	27.55 -0.04 0.00	29.92 0.36 0.00	31.00 0.47 0.00	24.50 0.26 0.00	23.76 0.29 0.00	37.16 0.36 0.00	40.32 0.48 0.00	36.24 0.27 0.00	25.06 0.13 0.00	25.59 0.01 0.00	23.13 -0.09 0.00	20.46 -0.03 0.00
NEG MILLWOOD___DRP 24198	18.49 1.14 0.00	19.22 1.08 0.00	18.03 1.10 0.00	18.48 1.09 0.00	18.55 1.16 0.00	17.04 1.29 0.00	20.35 1.57 -1.71	21.50 1.89 0.00	24.48 2.09 0.00	27.13 2.19 0.00	27.51 2.14 0.00	24.03 1.68 0.00	29.58 1.99 0.00	31.62 2.06 0.00	32.64 2.11 0.00	26.15 1.92 0.00	25.49 2.02 0.00	40.13 3.33 0.00	43.45 3.61 0.00	39.03 3.06 0.00	27.17 2.25 0.00	27.68 2.10 0.00	24.95 1.73 0.00	21.93 1.43 0.00
NEG NORTH_FLCN_SEA 23793	-14.80 -0.49 31.65	17.99 -0.16 0.00	16.96 0.03 0.00	17.65 0.25 0.00	17.38 0.00 0.00	15.35 -0.40 0.00	17.19 0.12 0.00	20.07 0.46 0.00	22.65 0.26 0.00	25.14 0.20 0.00	25.90 0.52 0.00	22.80 0.45 0.00	28.10 0.50 0.00	29.90 0.34 0.00	31.06 0.54 0.00	24.93 0.70 0.00	24.00 0.53 0.00	37.04 0.24 0.00	39.80 -0.04 0.00	36.42 0.45 0.00	25.29 0.37 0.00	25.96 0.37 0.00	23.54 0.32 0.00	21.04 0.54 0.00
NEG NORTH_KES_CHATEGAY 23792	-16.83 -0.51 33.67	17.95 -0.19 0.00	16.93 0.00 0.00	17.60 0.20 0.00	17.28 -0.09 0.00	15.29 -0.45 0.00	17.12 0.04 0.00	19.88 0.28 0.00	22.47 0.08 0.00	24.96 0.02 0.00	25.67 0.29 0.00	22.58 0.24 0.00	27.83 0.23 0.00	29.62 0.07 0.00	30.81 0.28 0.00	24.64 0.41 0.00	23.74 0.27 0.00	36.62 -0.19 0.00	39.54 -0.30 0.00	36.19 0.22 0.00	25.06 0.14 0.00	25.78 0.20 0.00	23.43 0.21 0.00	20.83 0.34 0.00
NEG NORTH___ALICE_FALLS 23915	-15.00 -0.38 31.97	18.11 -0.04 0.00	17.07 0.14 0.00	17.76 0.36 0.00	17.48 0.10 0.00	15.45 -0.30 0.00	17.31 0.23 0.00	20.20 0.60 0.00	22.81 0.42 0.00	25.33 0.40 0.00	26.09 0.72 0.00	22.96 0.61 0.00	28.27 0.67 0.00	30.07 0.52 0.00	31.26 0.73 0.00	25.08 0.85 0.00	24.16 0.69 0.00	37.31 0.51 0.00	40.13 0.28 0.00	36.70 0.73 0.00	25.47 0.54 0.00	26.14 0.55 0.00	23.69 0.47 0.00	21.12 0.63 0.00
NEG NORTH___LWR_SARANAC 23913	-15.00 -0.38 31.97	18.11 -0.04 0.00	17.07 0.14 0.00	17.76 0.36 0.00	17.48 0.10 0.00	15.45 -0.30 0.00	17.31 0.23 0.00	20.20 0.60 0.00	22.81 0.42 0.00	25.33 0.40 0.00	26.09 0.72 0.00	22.96 0.61 0.00	28.27 0.67 0.00	30.07 0.52 0.00	31.26 0.73 0.00	25.08 0.85 0.00	24.16 0.69 0.00	37.31 0.51 0.00	40.13 0.28 0.00	36.70 0.73 0.00	25.47 0.54 0.00	26.14 0.55 0.00	23.69 0.47 0.00	21.12 0.63 0.00
NEG NORTH___PLATTSBURG 23628	-15.00 -0.38 31.97	18.11 -0.04 0.00	17.07 0.14 0.00	17.76 0.36 0.00	17.48 0.10 0.00	15.45 -0.30 0.00	17.31 0.23 0.00	20.20 0.60 0.00	22.81 0.42 0.00	25.33 0.40 0.00	26.09 0.72 0.00	22.96 0.61 0.00	28.27 0.67 0.00	30.07 0.52 0.00	31.26 0.73 0.00	25.08 0.85 0.00	24.16 0.69 0.00	37.31 0.51 0.00	40.13 0.29 0.00	36.70 0.73 0.00	25.47 0.54 0.00	26.14 0.55 0.00	23.69 0.47 0.00	21.12 0.63 0.00
NEG WEST_LEA_LOCKPORT 23791	15.79 -1.55 0.00	16.73 -1.42 0.00	15.62 -1.31 0.00	16.05 -1.35 0.00	16.12 -1.26 0.00	14.66 -1.09 0.00	15.70 -1.37 0.00	18.01 -1.60 0.00	20.95 -1.44 0.00	23.80 -1.13 0.00	24.32 -1.05 0.00	21.38 -0.97 0.00	26.58 -1.01 0.00	28.47 -1.09 0.00	29.42 -1.11 0.00	23.31 -0.92 0.00	22.44 -1.03 0.00	35.15 -1.65 0.00	38.27 -1.57 0.00	34.23 -1.74 0.00	23.21 -1.71 0.00	23.69 -1.90 0.00	21.23 -1.99 0.00	19.03 -1.47 0.00
NEG WEST___LANCASTR 23811	16.66 -0.69 0.00	17.60 -0.55 0.00	16.42 -0.52 0.00	16.87 -0.54 0.00	16.92 -0.46 0.00	15.37 -0.38 0.00	16.52 -0.55 0.00	19.02 -0.59 0.00	22.09 -0.30 0.00	25.04 0.10 0.00	25.61 0.24 0.00	22.51 0.17 0.00	27.98 0.39 0.00	30.01 0.45 0.00	31.02 0.49 0.00	24.61 0.37 0.00	23.73 0.26 0.00	37.14 0.34 0.00	40.32 0.48 0.00	36.04 0.07 0.00	24.60 -0.33 0.00	25.14 -0.44 0.00	22.58 -0.64 0.00	20.17 -0.33 0.00
NEG_PENN_ALLEGHNY 23528	17.81 -0.04 -0.50	19.43 -0.03 -1.32	17.84 -0.08 -0.98	17.98 -0.06 -0.64	18.55 -0.03 -1.20	16.52 0.05 -0.73	18.11 0.16 -0.88	19.90 0.29 0.00	23.42 0.43 -0.59	26.07 0.50 -0.63	26.89 0.47 -1.05	23.96 0.38 -1.24	28.15 0.55 0.00	30.17 0.61 0.00	31.15 0.62 0.00	24.78 0.54 0.00	24.50 0.49 -0.53	37.87 0.94 -0.13	41.02 0.92 -0.26	36.63 0.66 0.00	26.07 0.43 -0.72	26.13 0.35 -0.19	23.83 0.22 -0.39	20.72 0.22 0.00
NEG___GEN_MONROE 24207	16.45 -0.90 0.00	17.30 -0.85 0.00	16.14 -0.79 0.00	16.60 -0.80 0.00	16.62 -0.75 0.00	15.15 -0.59 0.00	16.38 -0.69 0.00	18.85 -0.76 0.00	21.79 -0.60 0.00	24.59 -0.34 0.00	25.09 -0.28 0.00	22.05 -0.29 0.00	27.39 -0.20 0.00	29.35 -0.20 0.00	30.31 -0.22 0.00	24.03 -0.20 0.00	23.19 -0.28 0.00	36.37 -0.43 0.00	39.53 -0.31 0.00	35.41 -0.56 0.00	24.16 -0.77 0.00	24.67 -0.92 0.00	22.14 -1.08 0.00	19.70 -0.79 0.00
NEPA___ENERGY 23901	16.12 -1.23 0.00	16.92 -1.23 0.00	15.84 -1.09 0.00	16.29 -1.11 0.00	16.22 -1.16 0.00	14.83 -0.91 0.00	16.21 -0.86 0.00	18.68 -0.93 0.00	21.55 -0.84 0.00	24.23 -0.70 0.00	24.69 -0.68 0.00	21.64 -0.71 0.00	27.09 -0.51 0.00	29.15 -0.40 0.00	30.42 -0.11 0.00	24.21 -0.03 0.00	23.18 -0.29 0.00	36.61 -0.20 0.00	39.32 -0.53 0.00	35.19 -0.78 0.00	24.11 -0.82 0.00	24.65 -0.94 0.00	22.17 -1.05 0.00	19.78 -0.71 0.00
NEVERSINK___HYD 23608	18.17 0.82 0.00	18.88 0.74 0.00	17.67 0.74 0.00	18.12 0.72 0.00	18.18 0.80 0.00	16.69 0.95 0.00	20.13 1.20 -1.86	21.08 1.47 0.00	24.01 1.61 0.00	26.61 1.68 0.00	26.94 1.56 0.00	23.33 0.98 0.00	28.14 0.55 0.00	30.00 0.44 0.00	30.95 0.42 0.00	24.76 0.52 0.00	24.24 0.76 0.00	38.21 1.41 0.00	41.42 1.58 0.00	37.39 1.42 0.00	26.68 1.75 0.00	27.17 1.58 0.00	24.50 1.28 0.00	21.54 1.05 0.00
NEWKRMKL_115KV_TB1 55635	17.77 0.42 0.00	18.52 0.38 0.00	17.28 0.35 0.00	17.74 0.34 0.00	17.76 0.38 0.00	16.22 0.48 0.00	26.96 0.61 -9.29	20.31 0.70 0.00	23.12 0.72 0.00	25.56 0.63 0.00	25.81 0.44 0.00	22.66 0.31 0.00	28.02 0.43 0.00	30.01 0.45 0.00	30.94 0.42 0.00	24.63 0.39 0.00	24.02 0.55 0.00	37.96 1.16 0.00	41.07 1.23 0.00	36.92 0.95 0.00	25.72 0.80 0.00	26.34 0.75 0.00	24.04 0.82 0.00	21.15 0.65 0.00

NEWTON___FALLS_HYD 23847	20.10 -0.46 -3.22	17.75 -0.40 0.00	16.56 -0.37 0.00	17.06 -0.34 0.00	16.92 -0.47 0.00	15.17 -0.58 0.00	16.52 -0.56 0.00	18.97 -0.64 0.00	21.63 -0.77 0.00	24.15 -0.79 0.00	24.68 -0.69 0.00	21.90 -0.44 0.00	27.12 -0.48 0.00	29.02 -0.53 0.00	30.01 -0.52 0.00	23.84 -0.40 0.00	23.09 -0.38 0.00	36.22 -0.58 0.00	39.27 -0.57 0.00	35.56 -0.41 0.00	24.45 -0.47 0.00	25.12 -0.46 0.00	22.94 -0.28 0.00	20.26 -0.24 0.00
NGRID_A1_DSASP 323792	14.43 -1.81 1.11	13.54 -1.68 2.92	13.19 -1.57 2.18	14.39 -1.59 1.42	13.21 -1.51 2.66	12.83 -1.31 1.61	15.18 -1.63 0.27	17.59 -2.02 0.00	19.21 -1.88 1.31	21.90 -1.65 1.39	21.54 -1.52 2.31	18.27 -1.35 2.73	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	20.73 -1.53 1.21	33.97 -2.55 0.29	36.72 -2.52 0.60	33.37 -2.60 0.00	21.07 -2.24 1.62	22.66 -2.49 0.44	19.85 -2.50 0.87	18.58 -1.92 0.00
NGRID_A2_DSASP 323793	14.43 -1.81 1.11	13.54 -1.68 2.92	13.19 -1.57 2.18	14.39 -1.59 1.42	13.21 -1.51 2.66	12.83 -1.31 1.61	15.18 -1.63 0.27	17.59 -2.02 0.00	19.21 -1.88 1.31	21.90 -1.65 1.39	21.54 -1.52 2.31	18.27 -1.35 2.73	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	20.73 -1.53 1.21	33.97 -2.55 0.29	36.72 -2.52 0.60	33.37 -2.60 0.00	21.07 -2.24 1.62	22.66 -2.49 0.44	19.85 -2.50 0.87	18.58 -1.92 0.00
NGRID_A4_DSASP 323807	14.43 -1.81 1.11	13.54 -1.68 2.92	13.19 -1.57 2.18	14.39 -1.59 1.42	13.21 -1.51 2.66	12.83 -1.31 1.61	15.18 -1.63 0.27	17.59 -2.02 0.00	19.21 -1.88 1.31	21.90 -1.65 1.39	21.54 -1.52 2.31	18.27 -1.35 2.73	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	20.73 -1.53 1.21	33.97 -2.55 0.29	36.72 -2.52 0.60	33.37 -2.60 0.00	21.07 -2.24 1.62	22.66 -2.49 0.44	19.85 -2.50 0.87	18.58 -1.92 0.00
NIAGARA_115E_LBMP 323715	14.46 -1.79 1.10	13.57 -1.67 2.90	13.20 -1.57 2.16	14.40 -1.59 1.41	13.25 -1.49 2.64	12.87 -1.29 1.59	15.15 -1.66 0.27	17.65 -1.96 0.00	19.25 -1.85 1.30	21.96 -1.59 1.38	21.55 -1.53 2.29	18.26 -1.38 2.71	26.04 -1.55 0.00	27.88 -1.68 0.00	28.81 -1.72 0.00	22.83 -1.40 0.00	20.78 -1.49 1.20	34.13 -2.39 0.28	36.86 -2.38 0.59	33.52 -2.45 0.00	21.12 -2.20 1.60	22.76 -2.39 0.43	19.93 -2.42 0.86	18.67 -1.83 0.00
NIAGARA_115W_LBMP 323714	14.41 -1.84 1.11	13.52 -1.71 2.92	13.17 -1.59 2.17	14.37 -1.61 1.42	13.19 -1.54 2.65	12.81 -1.34 1.60	15.15 -1.65 0.27	17.55 -2.06 0.00	19.17 -1.92 1.31	21.85 -1.70 1.39	21.49 -1.58 2.31	18.23 -1.39 2.72	25.86 -1.73 0.00	27.69 -1.87 0.00	28.61 -1.92 0.00	22.67 -1.57 0.00	20.68 -1.58 1.20	33.88 -2.63 0.29	36.62 -2.63 0.60	33.28 -2.69 0.00	21.02 -2.29 1.62	22.61 -2.54 0.44	19.80 -2.55 0.87	18.53 -1.97 0.00
NIAGARA_230_LBMP 323716	14.58 -1.68 1.09	13.68 -1.59 2.87	13.32 -1.47 2.14	14.53 -1.47 1.40	13.34 -1.43 2.61	12.95 -1.22 1.58	15.32 -1.49 0.26	17.85 -1.76 0.00	19.48 -1.63 1.29	22.21 -1.36 1.37	21.81 -1.29 2.27	18.49 -1.18 2.68	26.30 -1.30 0.00	28.16 -1.40 0.00	29.08 -1.44 0.00	23.04 -1.19 0.00	21.00 -1.29 1.19	34.45 -2.07 0.28	37.20 -2.06 0.59	33.83 -2.13 0.00	21.37 -1.96 1.59	23.01 -2.15 0.43	20.16 -2.20 0.86	18.83 -1.67 0.00
NIAGARA___115KV_198_GIBSON 55903	15.51 -1.84 0.00	16.45 -1.69 0.00	15.37 -1.57 0.00	15.79 -1.61 0.00	15.86 -1.52 0.00	14.42 -1.32 0.00	15.41 -1.66 0.00	17.55 -2.06 0.00	20.47 -1.93 0.00	23.25 -1.69 0.00	23.79 -1.58 0.00	20.93 -1.41 0.00	25.86 -1.73 0.00	27.69 -1.87 0.00	28.60 -1.92 0.00	22.67 -1.57 0.00	21.87 -1.60 0.00	34.17 -2.63 0.00	37.22 -2.62 0.00	33.28 -2.69 0.00	22.63 -2.30 0.00	23.04 -2.54 0.00	20.67 -2.55 0.00	18.53 -1.97 0.00
NIAGARA____ 23760	14.58 -1.68 1.09	13.67 -1.59 2.88	13.31 -1.47 2.15	14.53 -1.47 1.40	13.33 -1.43 2.62	12.94 -1.22 1.58	15.32 -1.49 0.26	17.85 -1.76 0.00	19.47 -1.63 1.29	22.20 -1.36 1.37	21.80 -1.29 2.28	18.47 -1.18 2.69	26.30 -1.30 0.00	28.16 -1.40 0.00	29.08 -1.44 0.00	23.04 -1.19 0.00	20.99 -1.29 1.19	34.45 -2.07 0.28	37.19 -2.06 0.59	33.83 -2.13 0.00	21.37 -1.96 1.60	23.00 -2.15 0.43	20.16 -2.20 0.86	18.83 -1.67 0.00
NINE_MILE_1 23575	16.63 -0.71 0.00	17.38 -0.77 0.00	16.17 -0.77 0.00	16.61 -0.79 0.00	16.60 -0.78 0.00	15.09 -0.65 0.00	16.36 -0.71 0.00	18.81 -0.80 0.00	21.53 -0.87 0.00	24.02 -0.91 0.00	24.44 -0.93 0.00	21.51 -0.83 0.00	26.60 -1.00 0.00	28.48 -1.08 0.00	29.44 -1.09 0.00	23.42 -0.82 0.00	22.68 -0.79 0.00	35.61 -1.20 0.00	38.54 -1.30 0.00	34.70 -1.27 0.00	24.00 -0.93 0.00	24.57 -1.01 0.00	22.24 -0.98 0.00	19.66 -0.83 0.00
NINE_MILE_2 23744	16.64 -0.71 0.00	17.38 -0.77 0.00	16.17 -0.76 0.00	16.62 -0.79 0.00	16.60 -0.78 0.00	15.09 -0.65 0.00	16.36 -0.71 0.00	18.81 -0.79 0.00	21.53 -0.87 0.00	24.03 -0.91 0.00	24.44 -0.93 0.00	21.51 -0.83 0.00	26.60 -1.00 0.00	28.48 -1.08 0.00	29.44 -1.09 0.00	23.42 -0.81 0.00	22.69 -0.78 0.00	35.61 -1.19 0.00	38.55 -1.29 0.00	34.70 -1.27 0.00	24.01 -0.92 0.00	24.58 -1.01 0.00	22.24 -0.98 0.00	19.66 -0.83 0.00
NM_CAPITAL___DRP 24208	17.78 0.43 0.00	18.54 0.39 0.00	17.30 0.36 0.00	17.75 0.35 0.00	17.77 0.40 0.00	16.24 0.49 0.00	26.35 0.62 -8.66	20.32 0.72 0.00	23.14 0.75 0.00	25.61 0.67 0.00	25.88 0.51 0.00	22.70 0.36 0.00	28.06 0.46 0.00	30.04 0.48 0.00	30.97 0.44 0.00	24.67 0.43 0.00	24.06 0.59 0.00	38.05 1.25 0.00	41.16 1.32 0.00	37.00 1.03 0.00	25.80 0.87 0.00	26.41 0.83 0.00	24.09 0.86 0.00	21.19 0.70 0.00
NM_CENTRAL___DRP 24181	16.91 -0.44 0.00	17.67 -0.48 0.00	16.43 -0.50 0.00	16.89 -0.51 0.00	16.89 -0.49 0.00	15.39 -0.36 0.00	16.71 -0.36 0.00	19.23 -0.38 0.00	22.03 -0.36 0.00	24.62 -0.31 0.00	25.05 -0.32 0.00	22.04 -0.31 0.00	27.27 -0.33 0.00	29.28 -0.28 0.00	30.20 -0.33 0.00	24.00 -0.24 0.00	23.24 -0.23 0.00	36.51 -0.29 0.00	39.51 -0.33 0.00	35.49 -0.48 0.00	24.52 -0.40 0.00	25.08 -0.51 0.00	22.66 -0.56 0.00	20.03 -0.47 0.00
NM_FRONTIER___DRP 24179	15.51 -1.84 0.00	16.45 -1.69 0.00	15.37 -1.57 0.00	15.79 -1.61 0.00	15.86 -1.52 0.00	14.42 -1.32 0.00	15.41 -1.66 0.00	17.55 -2.06 0.00	20.47 -1.93 0.00	23.25 -1.69 0.00	23.79 -1.58 0.00	20.93 -1.41 0.00	25.86 -1.73 0.00	27.69 -1.87 0.00	28.60 -1.92 0.00	22.67 -1.57 0.00	21.87 -1.60 0.00	34.17 -2.63 0.00	37.22 -2.62 0.00	33.28 -2.69 0.00	22.63 -2.30 0.00	23.04 -2.54 0.00	20.67 -2.55 0.00	18.53 -1.97 0.00
NM_ST_REGIS___HYD 24053	25.13 -0.32 -8.09	18.00 -0.14 0.00	16.95 0.01 0.00	17.51 0.11 0.00	17.21 -0.17 0.00	15.27 -0.48 0.00	16.71 -0.36 0.00	19.25 -0.36 0.00	21.88 -0.52 0.00	24.33 -0.60 0.00	24.91 -0.46 0.00	22.01 -0.33 0.00	27.19 -0.41 0.00	29.03 -0.52 0.00	30.11 -0.42 0.00	23.87 -0.36 0.00	23.00 -0.47 0.00	35.76 -1.05 0.00	38.73 -1.12 0.00	35.32 -0.66 0.00	24.34 -0.59 0.00	25.13 -0.46 0.00	23.00 -0.22 0.00	20.40 -0.10 0.00

NORTHPORT___1 23551	18.94 1.44 -0.15	19.52 1.37 0.00	18.25 1.32 0.00	18.69 1.28 0.00	18.75 1.37 0.00	18.15 1.45 -0.96	21.21 1.63 -2.51	21.65 1.85 -0.19	24.40 1.99 -0.02	26.76 1.83 0.00	27.54 2.16 0.00	24.15 1.81 0.00	29.71 2.12 0.00	31.75 2.20 0.00	32.87 2.35 0.00	28.78 2.23 -2.31	30.24 2.30 -4.47	45.05 3.30 -4.95	46.70 3.13 -3.72	40.85 2.94 -1.94	27.99 2.35 -0.72	28.61 2.06 -0.96	25.07 1.61 -0.24	21.83 1.33 0.00
NORTHPORT___2 23552	18.94 1.44 -0.15	19.52 1.37 0.00	18.25 1.32 0.00	18.69 1.28 0.00	18.75 1.37 0.00	18.15 1.45 -0.96	21.21 1.63 -2.51	21.65 1.85 -0.19	24.40 1.99 -0.02	26.76 1.83 0.00	27.54 2.16 0.00	24.15 1.81 0.00	29.71 2.12 0.00	31.75 2.20 0.00	32.87 2.35 0.00	28.78 2.23 -2.31	30.24 2.30 -4.47	45.05 3.30 -4.95	46.70 3.13 -3.72	40.85 2.94 -1.94	27.99 2.35 -0.72	28.61 2.06 -0.96	25.07 1.61 -0.24	21.83 1.33 0.00
NORTHPORT___3 23553	18.78 1.28 -0.15	19.34 1.19 0.00	18.06 1.13 0.00	18.49 1.09 0.00	18.56 1.18 0.00	14.81 1.31 2.24	18.09 1.45 0.43	20.81 1.66 0.45	24.11 1.77 0.05	26.67 1.73 0.00	27.43 2.06 0.00	24.05 1.70 0.00	29.57 1.97 0.00	31.60 2.04 0.00	32.72 2.19 0.00	28.58 2.03 -2.31	30.03 2.09 -4.47	28.23 3.03 11.60	34.05 2.94 8.73	33.94 2.54 4.56	25.36 2.12 1.68	25.33 1.99 2.24	24.26 1.60 0.56	21.81 1.31 0.00
NORTHPORT___4 23650	18.78 1.28 -0.15	19.34 1.19 0.00	18.06 1.13 0.00	18.49 1.09 0.00	18.56 1.18 0.00	14.81 1.31 2.24	18.09 1.45 0.43	20.81 1.66 0.45	24.11 1.77 0.05	26.67 1.73 0.00	27.43 2.06 0.00	24.05 1.70 0.00	29.57 1.97 0.00	31.60 2.04 0.00	32.72 2.19 0.00	28.58 2.03 -2.31	30.03 2.09 -4.47	28.23 3.03 11.60	34.05 2.94 8.73	33.94 2.54 4.56	25.36 2.12 1.68	25.33 1.99 2.24	24.26 1.60 0.56	21.81 1.31 0.00
NORTHPORT___IC 23718	18.94 1.44 -0.15	19.52 1.37 0.00	18.25 1.32 0.00	18.69 1.29 0.00	18.75 1.37 0.00	18.15 1.45 -0.96	21.21 1.63 -2.51	21.65 1.85 -0.19	24.40 1.99 -0.02	26.76 1.83 0.00	27.54 2.16 0.00	24.15 1.81 0.00	29.71 2.12 0.00	31.75 2.20 0.00	32.87 2.35 0.00	28.78 2.23 -2.31	30.24 2.30 -4.47	45.05 3.30 -4.95	46.69 3.12 -3.72	40.83 2.92 -1.94	27.99 2.35 -0.72	28.60 2.06 -0.96	25.07 1.61 -0.24	21.83 1.33 0.00
NORTH___COUNTRY_ESR 323785	-16.94 -0.58 33.71	17.88 -0.26 0.00	16.87 -0.06 0.00	17.54 0.14 0.00	17.23 -0.15 0.00	15.23 -0.52 0.00	17.05 -0.03 0.00	19.80 0.20 0.00	22.38 -0.01 0.00	24.86 -0.07 0.00	25.57 0.20 0.00	22.53 0.18 0.00	27.77 0.18 0.00	29.55 -0.01 0.00	30.72 0.19 0.00	24.56 0.32 0.00	23.65 0.19 0.00	36.49 -0.31 0.00	39.36 -0.48 0.00	36.02 0.05 0.00	24.96 0.04 0.00	25.69 0.10 0.00	23.34 0.12 0.00	20.75 0.25 0.00
NPX_GEN_1385_PROXY 323591	19.01 1.51 -0.15	19.69 1.54 0.00	25.16 1.57 -6.66	29.89 1.53 -10.96	26.88 1.62 -7.88	18.35 1.65 -0.96	38.17 1.87 -19.23	34.01 2.13 -12.27	24.70 2.28 -0.02	26.47 1.53 0.00	27.25 1.88 0.00	23.90 1.56 0.00	29.37 1.77 0.00	31.40 1.85 0.00	32.54 2.01 0.00	28.70 2.15 -2.31	30.27 2.32 -4.47	45.04 3.29 -4.95	46.62 3.06 -3.72	41.41 3.49 -1.94	28.60 2.96 -0.72	28.81 2.27 -0.96	24.98 1.52 -0.24	21.76 1.27 0.00
NPX_GEN_CSC 323557	19.15 1.65 -0.15	19.72 1.57 0.00	18.43 1.50 0.00	18.87 1.47 0.00	18.95 1.57 0.00	29.67 1.65 -12.27	31.80 1.82 -12.91	24.17 2.07 -2.49	24.90 2.22 -0.29	27.01 2.08 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.93 2.34 0.00	32.00 2.44 0.00	33.15 2.62 0.00	29.04 2.49 -2.32	30.48 2.54 -4.47	104.10 3.84 -63.45	91.26 3.67 -47.74	64.24 3.33 -24.94	36.73 2.60 -9.20	40.24 2.39 -12.27	28.23 1.94 -3.07	22.09 1.59 0.00
NSINS_S_GLNS_FALLS 23858	17.90 0.55 0.00	18.68 0.53 0.00	17.43 0.50 0.00	17.92 0.52 0.00	17.94 0.56 0.00	16.40 0.65 0.00	38.51 0.89 -20.55	20.63 1.02 0.00	23.53 1.14 0.00	26.14 1.21 0.00	26.54 1.17 0.00	23.14 0.80 0.00	28.75 1.16 0.00	30.76 1.20 0.00	31.78 1.25 0.00	25.53 1.29 0.00	24.63 1.16 0.00	38.94 2.14 0.00	42.04 2.19 0.00	37.73 1.76 0.00	26.25 1.32 0.00	26.83 1.24 0.00	24.21 0.99 0.00	21.24 0.74 0.00
NUCOR_STEEL___DRP 24197	17.10 -0.25 0.00	17.79 -0.36 0.00	16.63 -0.31 0.00	17.02 -0.38 0.00	17.08 -0.30 0.00	15.57 -0.17 0.00	16.95 -0.12 0.00	19.41 -0.20 0.00	22.30 -0.09 0.00	24.92 -0.01 0.00	25.38 0.01 0.00	22.21 -0.13 0.00	27.48 -0.11 0.00	29.88 0.32 0.00	30.94 0.41 0.00	24.45 0.21 0.00	23.72 0.25 0.00	37.08 0.27 0.00	40.24 0.40 0.00	36.18 0.21 0.00	25.03 0.10 0.00	25.55 -0.04 0.00	23.10 -0.12 0.00	20.44 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	18.29 -0.46 -1.41	17.72 -0.42 0.00	16.38 -0.55 0.00	16.84 -0.56 0.00	16.87 -0.51 0.00	15.26 -0.48 0.00	16.64 -0.43 0.00	19.10 -0.51 0.00	21.82 -0.57 0.00	24.47 -0.47 0.00	25.02 -0.35 0.00	22.31 -0.03 0.00	27.69 0.09 0.00	29.62 0.06 0.00	30.55 0.02 0.00	24.33 0.09 0.00	23.67 0.20 0.00	37.33 0.53 0.00	40.50 0.65 0.00	36.54 0.57 0.00	25.09 0.16 0.00	25.65 0.06 0.00	23.35 0.13 0.00	20.51 0.02 0.00
NYISO_LBMP_REFERENCE 24008	17.35 0.00 0.00	18.14 0.00 0.00	16.93 0.00 0.00	17.40 0.00 0.00	17.38 0.00 0.00	15.75 0.00 0.00	17.07 0.00 0.00	19.61 0.00 0.00	22.39 0.00 0.00	24.94 0.00 0.00	25.37 0.00 0.00	22.34 0.00 0.00	27.59 0.00 0.00	29.56 0.00 0.00	30.53 0.00 0.00	24.24 0.00 0.00	23.47 0.00 0.00	36.80 0.00 0.00	39.84 0.00 0.00	35.97 0.00 0.00	24.93 0.00 0.00	25.58 0.00 0.00	23.22 0.00 0.00	20.50 0.00 0.00
NYPA_BRENTWD___GT 24164	19.11 1.61 -0.15	19.68 1.54 0.00	18.40 1.47 0.00	18.84 1.43 0.00	18.91 1.53 0.00	19.55 1.61 -2.19	22.53 1.81 -3.64	22.14 2.09 -0.44	24.70 2.25 -0.05	27.09 2.16 0.00	27.82 2.45 0.00	24.41 2.06 0.00	30.03 2.44 0.00	32.11 2.55 0.00	33.26 2.73 0.00	29.07 2.52 -2.31	30.53 2.59 -4.47	51.92 3.80 -11.32	51.79 3.43 -8.51	43.78 3.36 -4.45	29.24 2.67 -1.64	30.19 2.41 -2.19	25.70 1.93 -0.55	22.08 1.59 0.00
NYPA_GOWANUS___GT5 24156	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.10 -0.03	32.72 2.19 0.00	26.14 1.90 0.00	25.48 2.01 0.00	39.89 3.09 0.00	43.14 3.29 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00
NYPA_GOWANUS___GT6 24157	18.54 1.19 -0.01	19.25 1.10 0.00	18.00 1.06 0.00	18.41 1.00 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.11 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.10 -0.03	32.72 2.19 0.00	26.14 1.90 0.00	25.48 2.01 0.00	39.89 3.09 0.00	43.14 3.29 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00

NYPA_HARLEM__RVR__GT1 24160	18.39 1.04 0.00	19.12 0.98 0.00	17.87 0.94 0.00	18.28 0.88 0.00	18.37 0.99 0.00	16.89 1.14 0.00	20.14 1.43 -1.63	21.38 1.77 0.00	24.32 1.93 0.00	26.92 1.99 0.00	27.30 1.93 0.00	23.83 1.48 -0.01	29.32 1.73 0.00	31.42 1.86 -0.01	32.47 1.94 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.60 2.63 0.00	26.79 1.86 -0.01	27.20 1.60 -0.01	24.60 1.37 -0.01	21.69 1.20 0.00
NYPA_HARLEM__RVR__GT2 24161	18.39 1.04 0.00	19.12 0.98 0.00	17.87 0.94 0.00	18.28 0.88 0.00	18.37 0.99 0.00	16.89 1.14 0.00	20.14 1.43 -1.63	21.38 1.77 0.00	24.32 1.93 0.00	26.92 1.99 0.00	27.30 1.93 0.00	23.83 1.48 -0.01	29.32 1.73 0.00	31.42 1.86 -0.01	32.47 1.94 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.60 2.63 0.00	26.79 1.86 -0.01	27.20 1.60 -0.01	24.60 1.37 -0.01	21.69 1.20 0.00
NYPA_KENT____GT 24152	18.50 1.15 -0.01	19.21 1.06 0.00	17.96 1.03 0.00	18.37 0.96 0.00	18.46 1.08 0.00	17.00 1.25 0.00	20.23 1.52 -1.64	21.47 1.86 0.00	24.44 2.04 0.00	27.07 2.13 0.00	27.46 2.09 0.00	24.04 1.66 -0.03	29.52 1.92 0.00	31.64 2.07 -0.02	32.67 2.14 0.00	26.11 1.87 0.00	25.44 1.97 0.00	39.83 3.03 0.00	43.07 3.22 0.00	38.77 2.79 0.00	57.02 2.07 -30.02	77.44 1.87 -49.99	39.97 1.55 -15.20	21.80 1.30 0.00
NYPA_POUCH1____GT 24155	18.51 1.16 -0.01	19.22 1.08 0.00	17.97 1.04 0.00	18.39 0.98 0.00	18.48 1.10 0.00	17.01 1.27 0.00	20.23 1.52 -1.64	21.45 1.84 0.00	24.39 1.99 0.00	26.99 2.06 0.00	27.38 2.01 0.00	24.01 1.62 -0.05	29.45 1.85 0.00	31.59 2.01 -0.03	32.62 2.09 0.00	26.05 1.81 0.00	25.40 1.93 0.00	39.76 2.96 0.00	43.00 3.16 0.00	38.72 2.74 0.00	71.72 2.04 -44.75	101.96 1.86 -74.51	47.42 1.55 -22.66	21.81 1.31 0.00
NYPA_VERNON____GT2 24162	18.46 1.11 0.00	19.16 1.02 0.00	17.92 0.99 0.00	18.33 0.93 0.00	18.42 1.03 0.00	16.96 1.22 0.00	20.19 1.48 -1.64	21.43 1.83 0.00	24.40 2.01 0.00	27.03 2.10 0.00	27.42 2.05 0.00	23.99 1.63 -0.02	29.47 1.88 0.00	31.58 2.01 -0.01	32.62 2.09 0.00	26.08 1.84 0.00	25.42 1.95 0.00	39.80 3.00 0.00	43.03 3.19 0.00	38.72 2.76 0.00	42.24 2.02 -15.29	52.85 1.80 -25.46	32.46 1.49 -7.74	21.75 1.26 0.00
NYPA_VERNON____GT3 24163	18.46 1.11 0.00	19.16 1.02 0.00	17.92 0.99 0.00	18.33 0.93 0.00	18.42 1.03 0.00	16.96 1.22 0.00	20.19 1.48 -1.64	21.43 1.83 0.00	24.40 2.01 0.00	27.03 2.10 0.00	27.42 2.05 0.00	23.99 1.63 -0.02	29.47 1.88 0.00	31.58 2.01 -0.01	32.62 2.09 0.00	26.08 1.84 0.00	25.42 1.95 0.00	39.80 3.00 0.00	43.03 3.19 0.00	38.72 2.76 0.00	42.24 2.02 -15.29	52.85 1.80 -25.46	32.46 1.49 -7.74	21.75 1.26 0.00
NYPA__ASTORIA_CC1 323568	18.42 1.07 0.00	19.13 0.98 0.00	17.89 0.96 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.15 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.98 2.04 0.00	27.37 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.52 1.96 -7.63	40.04 1.75 -12.71	28.53 1.45 -3.87	21.71 1.22 0.00
NYPA__ASTORIA_CC2 323569	18.42 1.07 0.00	19.13 0.98 0.00	17.89 0.96 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.94 1.19 0.00	20.15 1.45 -1.63	21.39 1.79 0.00	24.35 1.96 0.00	26.98 2.04 0.00	27.37 2.00 0.00	23.92 1.57 -0.01	29.41 1.82 0.00	31.51 1.95 -0.01	32.55 2.02 0.00	26.02 1.78 0.00	25.37 1.90 0.00	39.72 2.92 0.00	42.95 3.11 0.00	38.65 2.68 0.00	34.52 1.96 -7.63	40.04 1.75 -12.71	28.53 1.45 -3.87	21.71 1.22 0.00
NYPA__HOLTSVILL 23794	19.05 1.55 -0.15	19.62 1.47 0.00	18.34 1.40 0.00	18.77 1.37 0.00	18.85 1.47 0.00	28.70 1.56 -11.40	30.90 1.72 -12.11	23.89 1.98 -2.31	24.78 2.11 -0.27	26.93 1.99 0.00	27.65 2.28 0.00	24.27 1.92 0.00	29.85 2.26 0.00	31.90 2.35 0.00	33.04 2.51 0.00	28.93 2.37 -2.32	30.38 2.44 -4.47	99.38 3.64 -58.94	87.67 3.49 -44.35	62.31 3.18 -23.17	35.97 2.50 -8.55	39.25 2.27 -11.40	27.90 1.82 -2.85	22.00 1.50 0.00
NYPA__HELLGATE_GT1 24158	18.39 1.04 0.00	19.12 0.98 0.00	17.87 0.94 0.00	18.28 0.88 0.00	18.37 0.99 0.00	16.89 1.14 0.00	20.14 1.43 -1.63	21.38 1.77 0.00	24.32 1.93 0.00	26.92 1.99 0.00	27.30 1.93 0.00	23.83 1.48 -0.01	29.32 1.73 0.00	31.42 1.86 -0.01	32.47 1.94 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.57 2.60 0.00	26.79 1.86 -0.01	27.20 1.60 -0.01	24.60 1.37 -0.01	21.69 1.20 0.00
NYPA__HELLGATE_GT2 24159	18.39 1.04 0.00	19.12 0.98 0.00	17.87 0.94 0.00	18.28 0.88 0.00	18.37 0.99 0.00	16.89 1.14 0.00	20.14 1.43 -1.63	21.38 1.77 0.00	24.32 1.93 0.00	26.92 1.99 0.00	27.30 1.93 0.00	23.83 1.48 -0.01	29.32 1.73 0.00	31.42 1.86 -0.01	32.47 1.94 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.54 2.74 0.00	42.75 2.91 0.00	38.57 2.60 0.00	26.79 1.86 -0.01	27.20 1.60 -0.01	24.60 1.37 -0.01	21.69 1.20 0.00
NYS_BARGE__HYD 23848	14.80 -1.53 1.01	14.06 -1.41 2.67	13.62 -1.32 1.99	14.77 -1.34 1.30	13.69 -1.26 2.43	13.22 -1.07 1.47	15.48 -1.35 0.24	18.02 -1.59 0.00	19.78 -1.42 1.20	22.56 -1.11 1.27	22.23 -1.03 2.11	18.91 -0.94 2.49	26.60 -1.00 0.00	28.48 -1.07 0.00	29.43 -1.10 0.00	23.32 -0.91 0.00	21.36 -1.01 1.10	34.92 -1.62 0.26	37.75 -1.55 0.55	34.25 -1.72 0.00	21.76 -1.70 1.47	23.30 -1.89 0.40	20.44 -1.98 0.79	19.03 -1.47 0.00
OAK ORCHARD__HYD 24046	15.82 -0.97 0.56	15.73 -0.94 1.47	14.95 -0.89 1.10	15.80 -0.89 0.71	15.18 -0.86 1.34	14.25 -0.69 0.81	16.16 -0.78 0.13	18.74 -0.87 0.00	20.99 -0.74 0.66	23.72 -0.52 0.70	23.74 -0.47 1.16	20.52 -0.45 1.37	27.18 -0.41 0.00	29.14 -0.42 0.00	30.08 -0.45 0.00	23.86 -0.38 0.00	22.43 -0.44 0.61	35.97 -0.69 0.14	38.92 -0.62 0.30	35.14 -0.82 0.00	23.23 -0.91 0.79	24.31 -1.06 0.21	21.61 -1.18 0.43	19.60 -0.90 0.00
OAKDALE__35_KV_LOAD 356122	17.27 -0.08 0.00	18.07 -0.07 0.00	16.82 -0.11 0.00	17.29 -0.11 0.00	17.31 -0.07 0.00	15.75 0.01 0.00	17.96 0.11 -0.78	19.83 0.22 0.00	22.72 0.32 0.00	25.32 0.38 0.00	25.73 0.36 0.00	22.62 0.28 0.00	28.01 0.42 0.00	30.03 0.48 0.00	31.01 0.48 0.00	24.68 0.45 0.00	23.88 0.40 0.00	37.58 0.78 0.00	40.60 0.76 0.00	36.50 0.53 0.00	25.27 0.35 0.00	25.86 0.28 0.00	23.38 0.16 0.00	20.66 0.17 0.00
OCC_CHEM__DRP 24175	15.54 -1.82 0.00	16.48 -1.67 0.00	15.39 -1.54 0.00	15.81 -1.59 0.00	15.88 -1.50 0.00	14.44 -1.31 0.00	15.44 -1.64 0.00	17.59 -2.02 0.00	20.52 -1.88 0.00	23.30 -1.63 0.00	23.84 -1.53 0.00	20.97 -1.37 0.00	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	21.93 -1.54 0.00	34.26 -2.54 0.00	37.33 -2.51 0.00	33.37 -2.60 0.00	22.69 -2.24 0.00	23.10 -2.48 0.00	20.72 -2.50 0.00	18.58 -1.92 0.00

OH_GEN_PROXY 24063	14.57 -1.65 1.13	13.61 -1.56 2.98	13.27 -1.44 2.22	14.51 -1.44 1.45	13.26 -1.40 2.71	12.91 -1.20 1.64	15.35 -1.44 0.27	17.92 -1.68 0.00	19.50 -1.56 1.34	22.23 -1.28 1.42	21.80 -1.22 2.36	18.45 -1.11 2.78	26.39 -1.21 0.00	28.25 -1.31 0.00	29.18 -1.35 0.00	23.12 -1.12 0.00	21.02 -1.21 1.23	34.55 -1.96 0.29	37.30 -1.93 0.61	33.93 -2.04 0.00	21.40 -1.88 1.65	23.08 -2.06 0.45	20.21 -2.12 0.89	18.89 -1.61 0.00
OLIN_CORP_DRP 24177	15.59 -1.76 0.00	16.53 -1.61 0.00	15.42 -1.51 0.00	15.84 -1.56 0.00	15.94 -1.44 0.00	14.47 -1.27 0.00	15.45 -1.62 0.00	17.69 -1.91 0.00	20.59 -1.80 0.00	23.39 -1.54 0.00	23.90 -1.47 0.00	21.00 -1.35 0.00	26.09 -1.50 0.00	27.94 -1.61 0.00	28.87 -1.66 0.00	22.88 -1.36 0.00	22.01 -1.46 0.00	34.49 -2.31 0.00	37.56 -2.28 0.00	33.61 -2.36 0.00	22.78 -2.14 0.00	23.25 -2.33 0.00	20.85 -2.37 0.00	18.71 -1.79 0.00
OLIN_CORP_DSASP 323712	14.43 -1.81 1.11	13.54 -1.68 2.92	13.19 -1.57 2.18	14.39 -1.59 1.42	13.21 -1.51 2.66	12.83 -1.31 1.61	15.18 -1.63 0.27	17.59 -2.02 0.00	19.21 -1.88 1.31	21.90 -1.65 1.39	21.54 -1.52 2.31	18.27 -1.35 2.73	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	20.73 -1.53 1.21	33.97 -2.55 0.29	36.72 -2.52 0.60	33.37 -2.60 0.00	21.07 -2.24 1.62	22.66 -2.49 0.44	19.85 -2.50 0.87	18.58 -1.92 0.00
ONEIDA_HERK_LFGE 323681	18.08 0.09 -0.65	18.24 0.10 0.00	16.95 0.02 0.00	17.42 0.02 0.00	17.44 0.06 0.00	15.85 0.10 0.00	17.26 0.19 0.00	19.84 0.23 0.00	22.68 0.28 0.00	25.31 0.38 0.00	25.81 0.43 0.00	22.83 0.48 0.00	28.25 0.65 0.00	30.25 0.70 0.00	31.21 0.69 0.00	24.84 0.60 0.00	24.12 0.65 0.00	37.97 1.17 0.00	41.14 1.30 0.00	37.13 1.16 0.00	25.62 0.69 0.00	26.20 0.61 0.00	23.77 0.55 0.00	20.91 0.42 0.00
ONEIDA___115KV_TB4 55905	17.63 0.28 0.00	18.43 0.28 0.00	17.16 0.22 0.00	17.63 0.23 0.00	17.65 0.27 0.00	16.08 0.33 0.00	17.52 0.45 0.00	20.16 0.55 0.00	23.07 0.68 0.00	25.72 0.78 0.00	26.18 0.81 0.00	23.07 0.73 0.00	28.53 0.94 0.00	30.62 1.07 0.00	31.59 1.06 0.00	25.11 0.87 0.00	24.36 0.89 0.00	38.34 1.54 0.00	41.49 1.65 0.00	37.58 1.61 0.00	25.97 1.04 0.00	26.54 0.95 0.00	24.02 0.80 0.00	21.17 0.67 0.00
ONONDAGA_REF_OCCRA 23987	17.05 -0.30 0.00	17.82 -0.33 0.00	16.57 -0.36 0.00	17.04 -0.36 0.00	17.04 -0.34 0.00	15.52 -0.22 0.00	16.87 -0.20 0.00	19.42 -0.18 0.00	22.25 -0.14 0.00	24.85 -0.09 0.00	25.28 -0.10 0.00	22.23 -0.11 0.00	27.51 -0.09 0.00	29.57 0.01 0.00	30.49 -0.03 0.00	24.22 -0.02 0.00	23.46 -0.01 0.00	36.87 0.07 0.00	39.91 0.07 0.00	35.87 -0.10 0.00	24.79 -0.13 0.00	25.36 -0.23 0.00	22.91 -0.31 0.00	20.24 -0.26 0.00
ONONDAGA___COGEN 23986	16.99 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.77 -0.30 0.00	19.29 -0.32 0.00	22.10 -0.30 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.51 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.86 -0.37 0.00	20.20 -0.29 0.00
ONTARIO___LFGE 23819	16.89 -0.46 0.00	17.73 -0.42 0.00	16.48 -0.45 0.00	16.97 -0.43 0.00	17.00 -0.38 0.00	15.47 -0.27 0.00	16.91 -0.16 0.00	19.55 -0.06 0.00	22.49 0.10 0.00	25.16 0.23 0.00	25.56 0.19 0.00	22.50 0.16 0.00	27.91 0.32 0.00	30.00 0.44 0.00	31.03 0.50 0.00	24.73 0.50 0.00	23.85 0.38 0.00	37.42 0.61 0.00	40.49 0.65 0.00	36.30 0.33 0.00	25.06 0.13 0.00	25.66 0.07 0.00	23.11 -0.11 0.00	20.45 -0.04 0.00
ORANGEVILLE_WT_PWR 323706	14.41 -1.74 1.20	13.30 -1.68 3.17	13.04 -1.53 2.36	14.28 -1.58 1.54	12.92 -1.57 2.88	12.67 -1.34 1.74	15.24 -1.54 0.29	17.86 -1.75 0.00	19.37 -1.60 1.42	22.23 -1.20 1.51	21.82 -1.05 2.51	18.45 -0.93 2.96	26.66 -0.93 0.00	28.57 -0.99 0.00	29.60 -0.92 0.00	23.58 -0.65 0.00	21.47 -0.69 1.31	35.34 -1.15 0.31	38.01 -1.18 0.65	34.59 -1.38 0.00	21.78 -1.39 1.76	23.55 -1.56 0.48	20.61 -1.66 0.95	19.27 -1.23 0.00
ORANGEVILLE___ESR 323794	14.41 -1.74 1.20	13.30 -1.68 3.17	13.04 -1.53 2.36	14.28 -1.58 1.54	12.92 -1.57 2.88	12.67 -1.34 1.74	15.24 -1.54 0.29	17.86 -1.75 0.00	19.37 -1.60 1.42	22.23 -1.20 1.51	21.82 -1.05 2.51	18.45 -0.93 2.96	26.66 -0.93 0.00	28.57 -0.99 0.00	29.60 -0.92 0.00	23.58 -0.65 0.00	21.47 -0.69 1.31	35.34 -1.15 0.31	38.01 -1.18 0.65	34.59 -1.38 0.00	21.78 -1.39 1.76	23.55 -1.56 0.48	20.61 -1.66 0.95	19.27 -1.23 0.00
OSWEGATCHIE___HYD 24044	20.10 -0.47 -3.22	17.75 -0.39 0.00	16.56 -0.37 0.00	17.06 -0.34 0.00	16.92 -0.46 0.00	15.17 -0.58 0.00	16.52 -0.55 0.00	18.97 -0.64 0.00	21.63 -0.77 0.00	24.15 -0.79 0.00	24.68 -0.69 0.00	21.91 -0.44 0.00	27.12 -0.48 0.00	29.02 -0.54 0.00	30.01 -0.52 0.00	23.84 -0.40 0.00	23.09 -0.38 0.00	36.22 -0.58 0.00	39.27 -0.57 0.00	35.57 -0.41 0.00	24.45 -0.47 0.00	25.12 -0.46 0.00	22.94 -0.28 0.00	20.26 -0.24 0.00
OSWEGO___5 23606	16.74 -0.61 0.00	17.49 -0.66 0.00	16.27 -0.66 0.00	16.72 -0.68 0.00	16.71 -0.67 0.00	15.20 -0.55 0.00	16.48 -0.59 0.00	18.94 -0.66 0.00	21.69 -0.70 0.00	24.21 -0.73 0.00	24.63 -0.74 0.00	21.67 -0.67 0.00	26.79 -0.80 0.00	28.66 -0.89 0.00	29.68 -0.85 0.00	23.63 -0.61 0.00	22.89 -0.58 0.00	35.93 -0.87 0.00	38.90 -0.94 0.00	35.02 -0.95 0.00	24.22 -0.71 0.00	24.79 -0.79 0.00	22.43 -0.79 0.00	19.83 -0.67 0.00
OSWEGO___6 23613	16.74 -0.61 0.00	17.49 -0.66 0.00	16.27 -0.66 0.00	16.72 -0.68 0.00	16.71 -0.67 0.00	15.20 -0.55 0.00	16.48 -0.59 0.00	18.94 -0.66 0.00	21.69 -0.70 0.00	24.21 -0.73 0.00	24.63 -0.74 0.00	21.67 -0.67 0.00	26.79 -0.80 0.00	28.66 -0.89 0.00	29.68 -0.85 0.00	23.63 -0.61 0.00	22.89 -0.58 0.00	35.93 -0.87 0.00	38.90 -0.94 0.00	35.02 -0.95 0.00	24.22 -0.71 0.00	24.79 -0.79 0.00	22.43 -0.79 0.00	19.83 -0.67 0.00
OUTOKUMPU-AB___DRP 24206	15.93 -1.42 0.00	16.87 -1.28 0.00	15.76 -1.17 0.00	16.19 -1.21 0.00	16.25 -1.14 0.00	14.79 -0.96 0.00	15.86 -1.21 0.00	18.16 -1.45 0.00	21.15 -1.24 0.00	24.03 -0.91 0.00	24.58 -0.79 0.00	21.61 -0.73 0.00	26.80 -0.79 0.00	28.74 -0.81 0.00	29.70 -0.83 0.00	23.54 -0.70 0.00	22.68 -0.79 0.00	35.49 -1.31 0.00	38.64 -1.20 0.00	34.54 -1.43 0.00	23.47 -1.46 0.00	23.93 -1.66 0.00	21.44 -1.78 0.00	19.20 -1.30 0.00
OXBOW___BTM 323836	14.62 -1.60 1.12	13.72 -1.48 2.95	13.35 -1.38 2.20	14.57 -1.39 1.44	13.37 -1.33 2.68	13.00 -1.13 1.62	15.39 -1.41 0.27	17.89 -1.72 0.00	19.53 -1.54 1.32	22.27 -1.26 1.41	21.91 -1.13 2.33	18.58 -1.01 2.75	26.40 -1.20 0.00	28.27 -1.28 0.00	29.22 -1.31 0.00	23.15 -1.09 0.00	21.12 -1.13 1.22	34.62 -1.89 0.29	37.41 -1.83 0.60	33.98 -1.99 0.00	21.47 -1.83 1.63	23.09 -2.05 0.44	20.22 -2.12 0.88	18.90 -1.59 0.00

OXBOW____ 24026	15.74 -1.61 0.00	16.68 -1.47 0.00	15.58 -1.35 0.00	16.01 -1.39 0.00	16.07 -1.31 0.00	14.63 -1.12 0.00	15.66 -1.41 0.00	17.89 -1.72 0.00	20.85 -1.54 0.00	23.69 -1.25 0.00	24.24 -1.13 0.00	21.31 -1.03 0.00	26.39 -1.20 0.00	28.28 -1.28 0.00	29.22 -1.31 0.00	23.15 -1.09 0.00	22.33 -1.14 0.00	34.91 -1.89 0.00	38.02 -1.82 0.00	33.98 -1.99 0.00	23.10 -1.83 0.00	23.54 -2.05 0.00	21.09 -2.13 0.00	18.90 -1.59 0.00
OXY_CHEM_DSASP 323612	15.54 -1.82 0.00	16.48 -1.67 0.00	15.39 -1.54 0.00	15.81 -1.59 0.00	15.88 -1.50 0.00	14.44 -1.31 0.00	15.44 -1.64 0.00	17.59 -2.02 0.00	20.52 -1.88 0.00	23.30 -1.63 0.00	23.84 -1.53 0.00	20.97 -1.37 0.00	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	21.93 -1.54 0.00	34.26 -2.54 0.00	37.33 -2.51 0.00	33.37 -2.60 0.00	22.69 -2.24 0.00	23.10 -2.48 0.00	20.72 -2.50 0.00	18.58 -1.92 0.00
OZONE_PARK_ESR 323760	18.57 1.22 0.00	19.28 1.13 0.00	18.01 1.07 0.00	18.44 1.04 0.00	18.51 1.13 0.00	17.05 1.31 0.00	20.30 1.59 -1.63	21.55 1.95 0.00	24.54 2.14 0.00	27.19 2.25 0.00	27.58 2.21 0.00	24.12 1.77 0.00	29.64 2.05 0.00	31.73 2.18 0.00	32.80 2.27 0.00	26.24 2.01 0.00	25.60 2.13 0.00	40.12 3.32 0.00	43.37 3.52 0.00	38.97 3.01 0.00	27.17 2.24 0.00	27.65 2.07 0.00	24.91 1.69 0.00	21.90 1.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.54 -1.82 0.00	16.48 -1.67 0.00	15.39 -1.54 0.00	15.81 -1.59 0.00	15.88 -1.50 0.00	14.44 -1.31 0.00	15.44 -1.64 0.00	17.59 -2.02 0.00	20.52 -1.88 0.00	23.30 -1.63 0.00	23.84 -1.53 0.00	20.97 -1.37 0.00	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	21.93 -1.54 0.00	34.26 -2.54 0.00	37.33 -2.51 0.00	33.37 -2.60 0.00	22.69 -2.24 0.00	23.10 -2.48 0.00	20.72 -2.50 0.00	18.58 -1.92 0.00
PACKARD__115KV_DUPONT_184 80571	15.54 -1.82 0.00	16.48 -1.67 0.00	15.39 -1.54 0.00	15.81 -1.59 0.00	15.88 -1.50 0.00	14.44 -1.31 0.00	15.44 -1.64 0.00	17.59 -2.02 0.00	20.52 -1.88 0.00	23.30 -1.63 0.00	23.84 -1.53 0.00	20.97 -1.37 0.00	25.94 -1.66 0.00	27.77 -1.79 0.00	28.68 -1.84 0.00	22.73 -1.51 0.00	21.93 -1.54 0.00	34.26 -2.54 0.00	37.33 -2.51 0.00	33.37 -2.60 0.00	22.69 -2.24 0.00	23.10 -2.48 0.00	20.72 -2.50 0.00	18.58 -1.92 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.35 1.00 0.00	19.08 0.93 0.00	17.82 0.89 0.00	18.24 0.84 0.00	18.33 0.95 0.00	16.86 1.11 0.00	20.10 1.39 -1.63	21.33 1.73 0.00	24.27 1.88 0.00	26.87 1.94 0.00	27.24 1.87 0.00	23.80 1.45 -0.01	29.27 1.68 0.00	31.37 1.81 -0.01	32.40 1.88 0.00	25.91 1.67 0.00	25.25 1.78 0.00	39.51 2.71 0.00	42.75 2.90 0.00	38.53 2.56 0.00	26.76 1.82 -0.01	27.19 1.60 -0.01	24.57 1.34 -0.01	21.65 1.15 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.44 1.08 0.00	19.17 1.03 0.00	17.92 0.99 0.00	18.34 0.94 0.00	18.44 1.06 0.00	16.96 1.21 0.00	20.21 1.51 -1.63	21.45 1.84 0.00	24.38 1.99 0.00	27.00 2.06 0.00	27.34 1.97 0.00	23.87 1.52 -0.01	29.35 1.76 0.00	31.43 1.87 -0.01	32.48 1.95 0.00	25.98 1.74 0.00	25.34 1.87 0.00	39.63 2.82 0.00	42.99 3.14 0.00	38.69 2.72 0.00	26.85 1.91 -0.01	27.30 1.71 -0.01	24.67 1.44 -0.01	21.74 1.24 0.00
PATROON__115KV_TB1 80586	17.81 0.46 0.00	18.57 0.42 0.00	17.32 0.39 0.00	17.78 0.38 0.00	17.80 0.42 0.00	16.26 0.51 0.00	27.81 0.65 -10.10	20.35 0.74 0.00	23.17 0.78 0.00	25.64 0.70 0.00	25.90 0.53 0.00	22.74 0.40 0.00	28.13 0.54 0.00	30.13 0.57 0.00	31.07 0.54 0.00	24.72 0.49 0.00	24.11 0.64 0.00	38.10 1.29 0.00	41.20 1.36 0.00	37.04 1.07 0.00	25.81 0.88 0.00	26.42 0.84 0.00	24.10 0.87 0.00	21.20 0.70 0.00
PATTRSNVILLE__SOLAR 323815	17.92 0.57 0.00	18.71 0.56 0.00	17.45 0.52 0.00	17.92 0.52 0.00	17.93 0.55 0.00	16.35 0.60 0.00	36.16 0.73 -18.35	20.46 0.86 0.00	23.31 0.92 0.00	25.88 0.94 0.00	26.33 0.96 0.00	23.09 0.74 0.00	28.62 1.03 0.00	30.69 1.13 0.00	31.67 1.14 0.00	25.26 1.02 0.00	24.54 1.07 0.00	38.60 1.80 0.00	41.78 1.94 0.00	37.62 1.65 0.00	26.10 1.17 0.00	26.70 1.12 0.00	24.18 0.96 0.00	21.30 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.48 -0.87 0.00	17.41 -0.74 0.00	16.25 -0.68 0.00	16.69 -0.71 0.00	16.76 -0.62 0.00	15.22 -0.53 0.00	16.37 -0.70 0.00	18.84 -0.77 0.00	21.90 -0.49 0.00	24.84 -0.09 0.00	25.41 0.04 0.00	22.32 -0.02 0.00	27.75 0.16 0.00	29.77 0.21 0.00	30.77 0.24 0.00	24.42 0.18 0.00	23.53 0.06 0.00	36.83 0.02 0.00	40.02 0.18 0.00	35.78 -0.19 0.00	24.38 -0.55 0.00	24.90 -0.68 0.00	22.35 -0.87 0.00	19.97 -0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.49 1.14 0.00	19.22 1.08 0.00	18.03 1.10 0.00	18.48 1.09 0.00	18.55 1.16 0.00	17.04 1.29 0.00	20.35 1.57 -1.71	21.50 1.89 0.00	24.48 2.09 0.00	27.13 2.19 0.00	27.51 2.14 0.00	24.03 1.68 0.00	29.58 1.99 0.00	31.62 2.06 0.00	32.64 2.11 0.00	26.15 1.92 0.00	25.49 2.02 0.00	40.13 3.33 0.00	43.45 3.61 0.00	39.03 3.06 0.00	27.17 2.25 0.00	27.68 2.10 0.00	24.95 1.73 0.00	21.93 1.43 0.00
PEEKSKILL____ 23653	18.32 0.97 0.00	19.03 0.89 0.00	17.78 0.84 0.00	18.21 0.81 0.00	18.28 0.90 0.00	16.80 1.05 0.00	19.97 1.29 -1.61	21.16 1.56 0.00	24.09 1.70 0.00	26.69 1.76 0.00	27.10 1.73 0.00	23.69 1.34 0.00	29.14 1.54 0.00	31.18 1.63 0.00	32.22 1.69 0.00	25.77 1.54 0.00	25.12 1.65 0.00	39.44 2.64 0.00	42.66 2.82 0.00	38.34 2.37 0.00	26.71 1.78 0.00	27.22 1.63 0.00	24.55 1.33 0.00	21.59 1.09 0.00
PGE MADISON__WINDPWR 24146	18.27 0.59 -0.33	19.85 0.83 -0.87	18.17 0.59 -0.65	18.48 0.65 -0.42	18.98 0.80 -0.79	16.92 0.70 -0.48	19.22 1.00 -1.16	20.93 1.32 0.00	24.47 1.69 -0.39	27.43 2.08 -0.41	28.18 2.12 -0.69	24.78 1.63 -0.81	29.82 2.23 0.00	32.21 2.66 0.00	33.30 2.77 0.00	26.54 2.31 0.00	26.08 2.26 -0.35	40.56 3.68 -0.08	43.77 3.76 -0.17	38.85 2.88 0.00	27.27 1.87 -0.47	27.58 1.86 -0.13	25.13 1.66 -0.25	22.06 1.56 0.00
PIERCEFIELD__HYD 23852	21.74 -0.34 -4.73	17.93 -0.22 0.00	16.86 -0.07 0.00	17.39 -0.01 0.00	17.11 -0.27 0.00	15.20 -0.55 0.00	16.52 -0.55 0.00	18.98 -0.63 0.00	21.60 -0.79 0.00	24.03 -0.90 0.00	24.58 -0.79 0.00	21.75 -0.59 0.00	26.87 -0.72 0.00	28.74 -0.82 0.00	29.76 -0.77 0.00	23.54 -0.70 0.00	22.68 -0.78 0.00	35.34 -1.46 0.00	38.31 -1.53 0.00	34.89 -1.07 0.00	24.02 -0.90 0.00	24.83 -0.76 0.00	22.78 -0.44 0.00	20.19 -0.31 0.00
PINELAWN_CC_1 323563	18.97 1.47 -0.15	19.52 1.37 0.00	18.24 1.31 0.00	18.67 1.27 0.00	18.75 1.37 0.00	17.91 1.48 0.00	21.02 1.69 -2.26	21.70 1.96 -0.14	24.52 2.11 -0.02	26.98 2.04 0.00	27.66 2.29 0.00	24.26 1.91 0.00	29.83 2.24 0.00	31.88 2.32 0.00	33.05 2.52 0.00	28.86 2.32 -2.31	30.31 2.37 -4.47	43.95 3.61 -3.54	46.03 3.53 -2.66	40.53 3.17 -1.39	27.92 2.48 -0.51	28.52 2.25 -0.68	25.20 1.80 -0.17	21.97 1.47 0.00

PJM_GEN_HTP_PROXY 323702	18.39 1.03 0.00	19.10 0.96 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.89 1.15 0.00	19.15 1.41 -0.66	21.34 1.73 0.00	24.28 1.88 0.00	26.90 1.97 0.00	27.29 1.91 0.00	23.86 1.52 0.00	29.32 1.73 0.00	31.38 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	42.85 2.84 -3.21	42.84 2.99 0.00	38.52 2.56 0.00	26.86 1.93 0.00	27.35 1.76 0.00	24.64 1.42 0.00	21.67 1.17 0.00
PJM_GEN_KEystone 24065	16.27 -0.03 1.05	15.32 -0.07 2.76	14.82 -0.06 2.05	15.98 -0.08 1.34	14.84 -0.03 2.51	14.37 0.14 1.51	17.10 0.23 0.20	19.95 0.34 0.00	21.59 0.43 1.24	24.18 0.55 1.31	23.75 0.56 2.18	20.14 0.37 2.57	28.11 0.52 0.00	30.12 0.56 0.00	31.11 0.58 0.00	24.80 0.57 0.00	22.91 0.58 1.14	40.65 0.91 -2.94	40.26 0.98 0.56	36.59 0.63 0.00	23.78 0.38 1.53	25.44 0.27 0.41	22.47 0.07 0.82	20.61 0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.73 1.23 -0.15	19.29 1.15 0.00	18.02 1.09 0.00	18.45 1.05 0.00	18.52 1.14 0.00	17.02 1.28 0.00	19.21 1.47 -0.66	21.33 1.72 0.00	24.24 1.85 0.00	26.75 1.81 0.00	27.38 2.01 0.00	23.99 1.65 0.00	29.51 1.92 0.00	31.54 1.98 0.00	32.64 2.11 0.00	28.50 1.95 -2.31	29.97 2.03 -4.47	43.09 3.08 -3.21	42.89 3.05 0.00	38.65 2.69 0.00	27.05 2.12 0.00	27.51 1.92 0.00	24.76 1.54 0.00	21.76 1.26 0.00
PJM_GEN_VFT_PROXY 323633	18.32 0.97 0.00	19.02 0.87 0.00	17.77 0.84 0.00	18.20 0.80 0.00	18.28 0.89 0.00	16.84 1.09 0.00	19.07 1.34 -0.66	21.26 1.65 0.00	24.17 1.78 0.00	26.79 1.85 0.00	27.16 1.79 0.00	23.74 1.40 0.00	29.18 1.58 0.00	31.24 1.68 0.00	32.28 1.76 0.00	25.82 1.58 0.00	25.20 1.73 0.00	42.68 2.67 -3.21	42.68 2.84 0.00	38.37 2.40 0.00	26.75 1.82 0.00	27.23 1.64 0.00	24.54 1.32 0.00	21.58 1.08 0.00
PLATSBURG_115KV_PMLD1 355749	-14.77 -0.47 31.65	18.02 -0.13 0.00	16.99 0.06 0.00	17.68 0.28 0.00	17.41 0.03 0.00	15.37 -0.38 0.00	17.21 0.13 0.00	20.09 0.48 0.00	22.68 0.29 0.00	25.16 0.23 0.00	25.92 0.55 0.00	22.82 0.48 0.00	28.13 0.54 0.00	29.94 0.38 0.00	31.11 0.58 0.00	24.96 0.72 0.00	24.04 0.56 0.00	37.09 0.28 0.00	39.85 0.01 0.00	36.46 0.49 0.00	25.33 0.40 0.00	25.99 0.41 0.00	23.57 0.35 0.00	21.03 0.54 0.00
PLEASANTVLY__LBMP 24000	18.20 0.85 0.00	18.92 0.78 0.00	17.67 0.73 0.00	18.11 0.71 0.00	18.16 0.78 0.00	16.66 0.91 0.00	19.95 1.13 -1.75	20.97 1.37 0.00	23.90 1.51 0.00	26.50 1.56 0.00	26.91 1.54 0.00	23.53 1.19 0.00	28.96 1.37 0.00	30.96 1.40 0.00	31.95 1.42 0.00	25.59 1.35 0.00	24.87 1.40 0.00	39.13 2.33 0.00	42.34 2.50 0.00	38.06 2.09 0.00	26.52 1.59 0.00	27.04 1.46 0.00	24.44 1.22 0.00	21.50 1.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.34 0.99 0.00	19.05 0.91 0.00	17.79 0.86 0.00	18.24 0.83 0.00	18.30 0.92 0.00	16.81 1.07 0.00	20.02 1.30 -1.65	21.18 1.57 0.00	24.12 1.73 0.00	26.74 1.80 0.00	27.15 1.78 0.00	23.73 1.39 0.00	29.21 1.61 0.00	31.23 1.67 0.00	32.26 1.73 0.00	25.82 1.58 0.00	25.14 1.67 0.00	39.49 2.69 0.00	42.72 2.88 0.00	38.41 2.45 0.00	26.76 1.84 0.00	27.27 1.68 0.00	24.60 1.38 0.00	21.64 1.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.34 0.99 0.00	19.05 0.91 0.00	17.79 0.86 0.00	18.24 0.83 0.00	18.30 0.92 0.00	16.81 1.07 0.00	20.02 1.30 -1.65	21.18 1.57 0.00	24.12 1.73 0.00	26.74 1.80 0.00	27.15 1.78 0.00	23.73 1.39 0.00	29.21 1.61 0.00	31.23 1.67 0.00	32.26 1.73 0.00	25.82 1.58 0.00	25.14 1.67 0.00	39.49 2.69 0.00	42.72 2.88 0.00	38.41 2.45 0.00	26.76 1.84 0.00	27.27 1.68 0.00	24.60 1.38 0.00	21.64 1.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.33 0.98 0.00	19.07 0.93 0.00	18.05 1.12 0.00	18.51 1.11 0.00	18.56 1.19 0.00	17.05 1.30 0.00	20.56 1.58 -1.90	21.52 1.91 0.00	24.51 2.12 0.00	27.14 2.21 0.00	27.50 2.13 0.00	24.01 1.66 0.00	29.60 2.00 0.00	31.61 2.06 0.00	32.61 2.08 0.00	26.17 1.93 0.00	25.50 2.03 0.00	40.19 3.39 0.00	43.56 3.71 0.00	39.13 3.16 0.00	27.22 2.30 0.00	27.73 2.15 0.00	25.00 1.79 0.00	21.98 1.48 0.00
POLETTI____ 23519	18.37 1.02 0.00	19.08 0.93 0.00	17.82 0.89 0.00	18.25 0.85 0.00	18.32 0.94 0.00	16.88 1.13 0.00	20.09 1.39 -1.63	21.30 1.70 0.00	24.24 1.85 0.00	26.87 1.93 0.00	27.25 1.87 0.00	23.83 1.49 0.00	29.28 1.69 0.00	31.34 1.78 0.00	32.38 1.86 0.00	25.90 1.67 0.00	25.29 1.82 0.00	39.59 2.79 0.00	42.78 2.93 0.00	38.48 2.51 0.00	26.84 1.91 0.00	27.32 1.73 0.00	24.63 1.40 0.00	21.66 1.16 0.00
POMONA____ESR 323819	18.33 0.98 0.00	19.04 0.89 0.00	17.78 0.85 0.00	18.22 0.82 0.00	18.28 0.90 0.00	16.81 1.06 0.00	19.95 1.30 -1.57	21.18 1.57 0.00	24.10 1.71 0.00	26.71 1.77 0.00	27.11 1.74 0.00	23.69 1.34 0.00	29.14 1.54 0.00	31.20 1.64 0.00	32.23 1.70 0.00	25.78 1.54 0.00	25.14 1.67 0.00	39.47 2.67 0.00	42.72 2.88 0.00	38.37 2.40 0.00	26.71 1.78 0.00	27.22 1.63 0.00	24.55 1.33 0.00	21.59 1.09 0.00
PORT_JEFF_3 23555	19.11 1.61 -0.15	19.68 1.53 0.00	18.39 1.46 0.00	18.83 1.43 0.00	18.90 1.52 0.00	30.91 1.61 -13.55	32.95 1.79 -14.09	24.40 2.04 -2.75	24.87 2.15 -0.32	26.97 2.04 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.95 2.36 0.00	32.01 2.46 0.00	33.16 2.64 0.00	29.03 2.47 -2.32	30.49 2.55 -4.47	110.66 3.76 -70.11	96.20 3.61 -52.75	66.80 3.27 -27.55	37.66 2.57 -10.16	41.52 2.38 -13.56	28.53 1.92 -3.39	22.07 1.58 0.00
PORT_JEFF_4 23616	19.11 1.61 -0.15	19.68 1.53 0.00	18.39 1.46 0.00	18.83 1.43 0.00	18.90 1.52 0.00	30.91 1.61 -13.55	32.95 1.79 -14.09	24.40 2.04 -2.75	24.87 2.15 -0.32	26.97 2.04 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.95 2.36 0.00	32.01 2.46 0.00	33.16 2.64 0.00	29.03 2.47 -2.32	30.49 2.55 -4.47	110.66 3.76 -70.11	96.20 3.61 -52.75	66.80 3.27 -27.55	37.66 2.57 -10.16	41.52 2.38 -13.56	28.53 1.92 -3.39	22.07 1.58 0.00
PORT_JEFF_IC 23713	19.11 1.60 -0.15	19.67 1.52 0.00	18.38 1.45 0.00	18.82 1.42 0.00	18.90 1.51 0.00	34.76 1.61 -17.41	36.49 1.78 -17.63	25.17 2.03 -3.52	24.92 2.11 -0.41	26.94 2.00 0.00	27.75 2.38 0.00	24.36 2.01 0.00	29.96 2.37 0.00	32.02 2.46 0.00	33.18 2.65 0.00	29.04 2.48 -2.32	30.49 2.55 -4.47	130.55 3.70 -90.04	111.15 3.56 -67.75	74.57 3.21 -35.39	40.53 2.54 -13.05	45.39 2.39 -17.41	29.50 1.92 -4.35	22.07 1.58 0.00
PPL PILGRIM_ST_GT1 24216	19.11 1.61 -0.15	19.68 1.54 0.00	18.40 1.47 0.00	18.84 1.43 0.00	18.91 1.53 0.00	19.55 1.61 -2.19	22.53 1.81 -3.64	22.14 2.09 -0.44	24.70 2.25 -0.05	27.09 2.16 0.00	27.82 2.45 0.00	24.41 2.06 0.00	30.03 2.44 0.00	32.11 2.55 0.00	33.26 2.73 0.00	29.07 2.52 -2.31	30.53 2.59 -4.47	51.92 3.80 -11.32	51.79 3.43 -8.51	43.78 3.36 -4.45	29.24 2.67 -1.64	30.19 2.41 -2.19	25.70 1.93 -0.55	22.08 1.59 0.00

PPL PILGRIM_ST_GT2 24217	19.11 1.61 -0.15	19.68 1.54 0.00	18.40 1.47 0.00	18.84 1.43 0.00	18.91 1.53 0.00	19.55 1.61 -2.19	22.53 1.81 -3.64	22.14 2.09 -0.44	24.70 2.25 -0.05	27.09 2.16 0.00	27.82 2.45 0.00	24.41 2.06 0.00	30.03 2.44 0.00	32.11 2.55 0.00	33.26 2.73 0.00	29.07 2.52 -2.31	30.53 2.59 -4.47	51.92 3.80 -11.32	51.79 3.43 -8.51	43.78 3.36 -4.45	29.24 2.67 -1.64	30.19 2.41 -2.19	25.70 1.93 -0.55	22.08 1.59 0.00
PPL_SHRM_GT3 24213	19.19 1.69 -0.15	19.76 1.62 0.00	18.47 1.54 0.00	18.91 1.51 0.00	18.99 1.61 0.00	31.13 1.69 -13.69	33.16 1.87 -14.22	24.50 2.12 -2.77	24.98 2.27 -0.32	27.05 2.11 0.00	27.78 2.41 0.00	24.37 2.03 0.00	29.95 2.36 0.00	32.03 2.48 0.00	33.18 2.65 0.00	29.09 2.54 -2.32	30.52 2.58 -4.47	111.56 3.93 -70.83	96.91 3.77 -53.29	67.22 3.41 -27.84	37.85 2.65 -10.27	41.72 2.44 -13.70	28.63 1.99 -3.43	22.12 1.63 0.00
PPL_SHRM_GT4 24214	19.19 1.69 -0.15	19.76 1.62 0.00	18.47 1.54 0.00	18.91 1.51 0.00	18.99 1.61 0.00	31.13 1.69 -13.69	33.16 1.87 -14.22	24.50 2.12 -2.77	24.98 2.27 -0.32	27.05 2.11 0.00	27.78 2.41 0.00	24.37 2.03 0.00	29.95 2.36 0.00	32.03 2.48 0.00	33.18 2.65 0.00	29.09 2.54 -2.32	30.52 2.58 -4.47	111.56 3.93 -70.83	96.91 3.77 -53.29	67.22 3.41 -27.84	37.85 2.65 -10.27	41.72 2.44 -13.70	28.63 1.99 -3.43	22.12 1.63 0.00
PROJECT___ORANGE 1 24174	16.92 -0.42 0.00	17.68 -0.46 0.00	16.45 -0.49 0.00	16.90 -0.50 0.00	16.91 -0.47 0.00	15.40 -0.34 0.00	16.72 -0.35 0.00	19.25 -0.36 0.00	22.06 -0.34 0.00	24.64 -0.29 0.00	25.07 -0.30 0.00	22.06 -0.28 0.00	27.30 -0.29 0.00	29.31 -0.25 0.00	30.23 -0.30 0.00	24.01 -0.22 0.00	23.26 -0.21 0.00	36.54 -0.26 0.00	39.54 -0.30 0.00	35.52 -0.45 0.00	24.54 -0.39 0.00	25.11 -0.48 0.00	22.69 -0.54 0.00	20.05 -0.45 0.00
PROJECT___ORANGE 2 24166	16.92 -0.42 0.00	17.68 -0.46 0.00	16.45 -0.49 0.00	16.90 -0.50 0.00	16.91 -0.47 0.00	15.40 -0.34 0.00	16.72 -0.35 0.00	19.25 -0.36 0.00	22.06 -0.34 0.00	24.64 -0.29 0.00	25.07 -0.30 0.00	22.06 -0.28 0.00	27.30 -0.29 0.00	29.31 -0.25 0.00	30.23 -0.30 0.00	24.01 -0.22 0.00	23.26 -0.21 0.00	36.54 -0.26 0.00	39.54 -0.30 0.00	35.52 -0.45 0.00	24.54 -0.39 0.00	25.11 -0.48 0.00	22.69 -0.54 0.00	20.05 -0.45 0.00
PUCKETT___SOLAR 323809	17.89 0.08 -0.45	19.53 0.19 -1.19	17.91 0.08 -0.89	18.09 0.10 -0.58	18.66 0.19 -1.09	16.58 0.17 -0.66	18.45 0.33 -1.04	20.12 0.51 0.00	23.64 0.71 -0.53	26.36 0.86 -0.57	27.12 0.80 -0.94	24.09 0.63 -1.11	28.45 0.86 0.00	30.53 0.98 0.00	31.53 1.00 0.00	25.15 0.92 0.00	24.83 0.89 -0.48	38.47 1.55 -0.11	41.63 1.55 -0.24	37.09 1.12 0.00	26.31 0.73 -0.65	26.44 0.68 -0.17	24.14 0.57 -0.35	21.05 0.55 0.00
PYRITES___HYD 24023	21.63 0.06 -4.22	18.34 0.20 0.00	17.26 0.32 0.00	17.79 0.39 0.00	17.53 0.15 0.00	15.59 -0.15 0.00	16.94 -0.13 0.00	19.47 -0.13 0.00	22.14 -0.25 0.00	24.61 -0.33 0.00	25.12 -0.25 0.00	22.20 -0.14 0.00	27.47 -0.12 0.00	29.41 -0.15 0.00	30.51 -0.02 0.00	24.11 -0.13 0.00	23.22 -0.25 0.00	36.18 -0.62 0.00	39.25 -0.60 0.00	35.74 -0.23 0.00	24.58 -0.34 0.00	25.41 -0.17 0.00	23.27 0.05 0.00	20.60 0.10 0.00
QUAKERRD_115KV_BK1 80622	16.14 -1.21 0.00	16.92 -1.23 0.00	15.78 -1.15 0.00	16.23 -1.17 0.00	16.23 -1.14 0.00	14.80 -0.95 0.00	16.03 -1.03 0.00	18.44 -1.16 0.00	21.26 -1.14 0.00	23.91 -1.02 0.00	24.37 -1.00 0.00	21.43 -0.91 0.00	26.59 -1.00 0.00	28.51 -1.05 0.00	29.44 -1.09 0.00	23.36 -0.88 0.00	22.57 -0.90 0.00	35.39 -1.41 0.00	38.41 -1.43 0.00	34.45 -1.53 0.00	23.60 -1.33 0.00	24.11 -1.48 0.00	21.68 -1.54 0.00	19.26 -1.24 0.00
QUENSBRY_115KV_TB8 356137	17.88 0.53 0.00	18.66 0.52 0.00	17.42 0.49 0.00	17.91 0.51 0.00	17.93 0.55 0.00	16.39 0.64 0.00	38.43 0.90 -20.45	20.64 1.03 0.00	23.54 1.15 0.00	26.17 1.23 0.00	26.57 1.20 0.00	23.14 0.80 0.00	28.76 1.17 0.00	30.77 1.21 0.00	31.80 1.27 0.00	25.57 1.33 0.00	24.66 1.20 0.00	39.02 2.21 0.00	42.08 2.24 0.00	37.77 1.81 0.00	26.26 1.34 0.00	26.85 1.26 0.00	24.21 0.99 0.00	21.23 0.73 0.00
RAMAPO___LBMP 323565	18.27 0.92 0.00	18.97 0.82 0.00	17.72 0.79 0.00	18.16 0.76 0.00	18.23 0.85 0.00	16.75 1.00 0.00	19.87 1.23 -1.57	21.10 1.49 0.00	24.01 1.61 0.00	26.59 1.66 0.00	26.99 1.62 0.00	23.58 1.24 0.00	29.02 1.42 0.00	31.07 1.51 0.00	32.10 1.57 0.00	25.67 1.43 0.00	25.03 1.56 0.00	39.30 2.50 0.00	42.53 2.68 0.00	38.20 2.23 0.00	26.60 1.68 0.00	27.11 1.53 0.00	24.45 1.23 0.00	21.51 1.02 0.00
RANKINE___ 23646	16.07 -1.28 0.00	16.97 -1.17 0.00	15.87 -1.06 0.00	16.30 -1.10 0.00	16.34 -1.04 0.00	14.87 -0.88 0.00	16.00 -1.07 0.00	18.38 -1.22 0.00	21.39 -1.00 0.00	24.31 -0.63 0.00	24.86 -0.51 0.00	21.83 -0.51 0.00	27.17 -0.42 0.00	29.15 -0.41 0.00	30.15 -0.37 0.00	23.92 -0.31 0.00	23.04 -0.43 0.00	36.09 -0.71 0.00	39.25 -0.59 0.00	35.12 -0.85 0.00	23.87 -1.06 0.00	24.37 -1.22 0.00	21.86 -1.36 0.00	19.54 -0.95 0.00
RAVENSWOOD_GT2_1 24244	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.41 1.86 0.00	32.46 1.93 0.00	25.96 1.72 0.00	25.32 1.85 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT2_2 24245	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.41 1.86 0.00	32.46 1.93 0.00	25.96 1.72 0.00	25.32 1.85 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT2_3 24246	18.40 1.05 0.00	19.11 0.97 0.00	17.85 0.92 0.00	18.29 0.88 0.00	18.36 0.98 0.00	16.91 1.16 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.94 0.00	23.88 1.54 0.00	29.35 1.76 0.00	31.42 1.87 0.00	32.46 1.93 0.00	25.97 1.73 0.00	25.33 1.86 0.00	39.68 2.88 0.00	42.89 3.05 0.00	38.57 2.60 0.00	26.89 1.96 0.00	27.38 1.79 0.00	24.67 1.45 0.00	21.69 1.20 0.00
RAVENSWOOD_GT2_4 24247	18.40 1.05 0.00	19.11 0.97 0.00	17.85 0.92 0.00	18.29 0.88 0.00	18.36 0.98 0.00	16.91 1.16 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.94 0.00	23.88 1.54 0.00	29.35 1.76 0.00	31.42 1.87 0.00	32.46 1.93 0.00	25.97 1.73 0.00	25.33 1.86 0.00	39.68 2.88 0.00	42.89 3.05 0.00	38.57 2.60 0.00	26.89 1.96 0.00	27.38 1.79 0.00	24.67 1.45 0.00	21.69 1.20 0.00

RAVENSWOOD_GT3_1 24248	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.41 1.86 0.00	32.46 1.93 0.00	25.96 1.72 0.00	25.32 1.85 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT3_2 24249	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.41 1.86 0.00	32.46 1.93 0.00	25.96 1.72 0.00	25.32 1.85 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT3_3 24250	18.42 1.07 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.92 1.18 0.00	20.14 1.44 -1.63	21.37 1.76 0.00	24.32 1.93 0.00	26.95 2.02 0.00	27.35 1.98 0.00	23.92 1.57 0.00	29.39 1.80 0.00	31.46 1.90 0.00	32.51 1.98 0.00	26.00 1.77 0.00	25.37 1.90 0.00	39.74 2.94 0.00	42.95 3.10 0.00	38.62 2.65 0.00	26.93 2.00 0.00	27.40 1.82 0.00	24.70 1.48 0.00	21.72 1.22 0.00
RAVENSWOOD_GT3_4 24251	18.42 1.07 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.30 0.90 0.00	18.38 1.00 0.00	16.92 1.18 0.00	20.14 1.44 -1.63	21.37 1.76 0.00	24.32 1.93 0.00	26.95 2.02 0.00	27.35 1.98 0.00	23.92 1.57 0.00	29.39 1.80 0.00	31.46 1.90 0.00	32.51 1.98 0.00	26.00 1.77 0.00	25.37 1.90 0.00	39.74 2.94 0.00	42.95 3.10 0.00	38.62 2.65 0.00	26.93 2.00 0.00	27.40 1.82 0.00	24.70 1.48 0.00	21.72 1.22 0.00
RAVENSWOOD_GT_1 23729	18.46 1.11 0.00	19.16 1.01 0.00	17.91 0.98 0.00	18.33 0.93 0.00	18.41 1.03 0.00	16.97 1.22 0.00	20.19 1.48 -1.64	21.43 1.83 0.00	24.40 2.00 0.00	27.04 2.10 0.00	27.42 2.05 0.00	23.99 1.63 -0.02	29.47 1.88 0.00	31.58 2.01 -0.01	32.62 2.09 0.00	26.08 1.84 0.00	25.42 1.95 0.00	39.80 3.00 0.00	43.03 3.19 0.00	38.72 2.75 0.00	42.24 2.01 -15.29	52.85 1.81 -25.46	32.46 1.49 -7.74	21.75 1.25 0.00
RAVENSWOOD_GT_10 24258	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.42 1.86 0.00	32.46 1.93 0.00	25.96 1.73 0.00	25.33 1.86 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.60 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT_11 24259	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.42 1.86 0.00	32.46 1.93 0.00	25.96 1.73 0.00	25.33 1.86 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.60 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT_4 24252	18.39 1.05 0.00	19.10 0.96 0.00	17.85 0.91 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.11 1.41 -1.63	21.33 1.73 0.00	24.28 1.88 0.00	26.91 1.97 0.00	27.30 1.92 0.00	23.87 1.53 0.00	29.34 1.74 0.00	31.39 1.84 0.00	32.44 1.91 0.00	25.95 1.72 0.00	25.31 1.84 0.00	39.66 2.86 0.00	42.87 3.03 0.00	38.55 2.58 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.66 1.44 0.00	21.68 1.19 0.00
RAVENSWOOD_GT_5 24254	18.39 1.05 0.00	19.10 0.96 0.00	17.85 0.91 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.11 1.41 -1.63	21.33 1.73 0.00	24.28 1.88 0.00	26.91 1.97 0.00	27.30 1.92 0.00	23.87 1.53 0.00	29.34 1.74 0.00	31.39 1.84 0.00	32.44 1.91 0.00	25.95 1.72 0.00	25.31 1.84 0.00	39.66 2.86 0.00	42.87 3.03 0.00	38.55 2.58 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.66 1.44 0.00	21.68 1.19 0.00
RAVENSWOOD_GT_6 24253	18.39 1.05 0.00	19.10 0.96 0.00	17.85 0.91 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.11 1.41 -1.63	21.33 1.73 0.00	24.28 1.88 0.00	26.91 1.97 0.00	27.30 1.92 0.00	23.87 1.53 0.00	29.34 1.74 0.00	31.39 1.84 0.00	32.44 1.91 0.00	25.95 1.72 0.00	25.31 1.84 0.00	39.66 2.86 0.00	42.87 3.03 0.00	38.55 2.58 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.66 1.44 0.00	21.68 1.19 0.00
RAVENSWOOD_GT_7 24255	18.39 1.05 0.00	19.10 0.96 0.00	17.85 0.91 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.11 1.41 -1.63	21.33 1.73 0.00	24.28 1.88 0.00	26.91 1.97 0.00	27.30 1.92 0.00	23.87 1.53 0.00	29.34 1.74 0.00	31.39 1.84 0.00	32.44 1.91 0.00	25.95 1.72 0.00	25.31 1.84 0.00	39.66 2.86 0.00	42.87 3.03 0.00	38.55 2.58 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.66 1.44 0.00	21.68 1.19 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.42 1.86 0.00	32.46 1.93 0.00	25.96 1.73 0.00	25.33 1.86 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.60 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD_GT_9 24257	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.29 1.89 0.00	26.92 1.98 0.00	27.31 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.42 1.86 0.00	32.46 1.93 0.00	25.96 1.73 0.00	25.33 1.86 0.00	39.68 2.88 0.00	42.88 3.04 0.00	38.56 2.60 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD___1 23533	18.45 1.09 0.00	19.15 1.01 0.00	17.91 0.98 0.00	18.32 0.92 0.00	18.40 1.02 0.00	16.96 1.21 0.00	20.17 1.46 -1.63	21.41 1.81 0.00	24.38 1.98 0.00	27.01 2.07 0.00	27.40 2.03 0.00	23.96 1.61 -0.01	29.45 1.86 0.00	31.54 1.98 -0.01	32.59 2.06 0.00	26.06 1.82 0.00	25.40 1.93 0.00	39.78 2.97 0.00	43.01 3.16 0.00	38.69 2.72 0.00	34.63 2.00 -7.70	40.21 1.80 -12.82	28.60 1.48 -3.90	21.74 1.24 0.00
RAVENSWOOD___2 23534	18.43 1.08 0.00	19.14 0.99 0.00	17.89 0.96 0.00	18.31 0.91 0.00	18.39 1.01 0.00	16.95 1.20 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.36 1.97 0.00	26.99 2.05 0.00	27.37 2.01 0.00	23.93 1.59 0.00	29.43 1.83 0.00	31.51 1.95 0.00	32.56 2.03 0.00	26.03 1.80 0.00	25.38 1.92 0.00	39.76 2.95 0.00	42.97 3.13 0.00	38.66 2.69 0.00	26.92 1.99 0.00	27.37 1.78 0.00	24.69 1.47 0.00	21.73 1.23 0.00

RAVENSWOOD___3 23535	18.40 1.05 0.00	19.11 0.96 0.00	17.85 0.92 0.00	18.28 0.88 0.00	18.35 0.97 0.00	16.90 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.28 1.89 0.00	26.91 1.97 0.00	27.30 1.93 0.00	23.87 1.53 0.00	29.34 1.75 0.00	31.41 1.85 0.00	32.45 1.92 0.00	25.96 1.72 0.00	25.32 1.85 0.00	39.68 2.87 0.00	42.88 3.04 0.00	38.56 2.59 0.00	26.88 1.95 0.00	27.37 1.78 0.00	24.67 1.45 0.00	21.69 1.19 0.00
RAVENSWOOD___4 23820	18.43 1.08 0.00	19.14 0.99 0.00	17.89 0.96 0.00	18.31 0.91 0.00	18.39 1.01 0.00	16.95 1.20 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.36 1.97 0.00	26.99 2.05 0.00	27.37 2.01 0.00	23.93 1.59 0.00	29.43 1.83 0.00	31.51 1.95 0.00	32.56 2.03 0.00	26.03 1.80 0.00	25.38 1.92 0.00	39.76 2.95 0.00	42.97 3.13 0.00	38.66 2.69 0.00	26.92 1.99 0.00	27.37 1.78 0.00	24.69 1.47 0.00	21.73 1.23 0.00
RCPL_TRUST___DRP 24196	18.40 1.06 0.00	19.12 0.97 0.00	17.86 0.93 0.00	18.29 0.89 0.00	18.36 0.98 0.00	16.91 1.17 0.00	20.14 1.44 -1.63	21.37 1.76 0.00	24.32 1.93 0.00	26.96 2.03 0.00	27.34 1.97 0.00	23.91 1.57 0.00	29.37 1.78 0.00	31.45 1.89 0.00	32.49 1.96 0.00	25.99 1.75 0.00	25.35 1.88 0.00	39.72 2.92 0.00	42.91 3.07 0.00	38.59 2.62 0.00	26.90 1.97 0.00	27.38 1.80 0.00	24.67 1.46 0.00	21.69 1.19 0.00
RED___ROCHESTER 323720	15.91 -0.88 0.56	15.82 -0.85 1.48	15.03 -0.81 1.10	15.88 -0.80 0.72	15.27 -0.77 1.34	14.33 -0.60 0.81	16.25 -0.68 0.13	18.86 -0.75 0.00	21.12 -0.61 0.66	23.87 -0.37 0.70	23.89 -0.31 1.17	20.66 -0.31 1.38	27.36 -0.23 0.00	29.32 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	22.57 -0.29 0.61	36.21 -0.45 0.14	39.19 -0.34 0.30	35.39 -0.58 0.00	23.39 -0.75 0.80	24.47 -0.90 0.21	21.74 -1.05 0.43	19.70 -0.79 0.00
REGAN___SOLAR 323812	18.91 1.56 0.00	19.68 1.54 0.00	18.37 1.44 0.00	18.88 1.48 0.00	18.89 1.51 0.00	17.25 1.50 0.00	35.19 1.74 -16.38	21.62 2.02 0.00	24.29 1.89 0.00	26.55 1.62 0.00	27.39 2.02 0.00	23.71 1.36 0.00	30.07 2.48 0.00	32.55 2.99 0.00	33.63 3.11 0.00	26.95 2.72 0.00	26.13 2.67 0.00	41.36 4.56 0.00	44.87 5.02 0.00	40.41 4.44 0.00	27.77 2.84 0.00	28.42 2.83 0.00	25.67 2.45 0.00	22.50 2.00 0.00
RENSSELAER___COGEN 23796	17.74 0.39 0.00	18.50 0.35 0.00	17.25 0.32 0.00	17.71 0.31 0.00	17.73 0.35 0.00	16.19 0.45 0.00	25.33 0.57 -7.69	20.26 0.65 0.00	23.06 0.67 0.00	25.50 0.57 0.00	25.75 0.38 0.00	22.59 0.24 0.00	27.92 0.32 0.00	29.89 0.34 0.00	30.82 0.29 0.00	24.56 0.33 0.00	23.97 0.49 0.00	37.88 1.07 0.00	40.98 1.14 0.00	36.84 0.88 0.00	25.68 0.75 0.00	26.30 0.71 0.00	23.99 0.77 0.00	21.12 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.54 1.20 0.00	19.35 1.21 0.00	18.08 1.15 0.00	18.65 1.25 0.00	18.66 1.28 0.00	17.05 1.30 0.00	39.47 1.85 -20.55	21.64 2.03 0.00	24.78 2.39 0.00	27.34 2.41 0.00	27.76 2.40 0.00	23.88 1.54 0.00	29.71 2.12 0.00	31.87 2.32 0.00	33.11 2.58 0.00	26.94 2.70 0.00	25.91 2.44 0.00	41.32 4.52 0.00	44.25 4.41 0.00	39.63 3.66 0.00	27.54 2.61 0.00	28.13 2.54 0.00	25.26 2.03 0.00	22.07 1.58 0.00
REVERE_CPPR_DRP 24186	17.75 0.40 0.00	18.57 0.42 0.00	17.27 0.34 0.00	17.75 0.35 0.00	17.76 0.39 0.00	16.18 0.44 0.00	17.65 0.58 0.00	20.30 0.69 0.00	23.24 0.85 0.00	25.93 1.00 0.00	26.42 1.05 0.00	23.31 0.97 0.00	28.84 1.25 0.00	30.95 1.40 0.00	31.93 1.40 0.00	25.38 1.14 0.00	24.64 1.17 0.00	38.78 1.98 0.00	42.00 2.16 0.00	37.97 2.01 0.00	26.21 1.28 0.00	26.77 1.19 0.00	24.24 1.02 0.00	21.33 0.84 0.00
REYNOLDS_115KV_TB3 80639	17.80 0.45 0.00	18.56 0.41 0.00	17.31 0.38 0.00	17.77 0.37 0.00	17.79 0.41 0.00	16.25 0.51 0.00	25.84 0.64 -8.13	20.34 0.74 0.00	23.17 0.78 0.00	25.66 0.72 0.00	25.96 0.59 0.00	22.77 0.43 0.00	28.12 0.53 0.00	30.11 0.56 0.00	31.03 0.50 0.00	24.72 0.49 0.00	24.13 0.66 0.00	38.16 1.36 0.00	41.28 1.44 0.00	37.11 1.14 0.00	25.90 0.97 0.00	26.49 0.91 0.00	24.14 0.92 0.00	21.24 0.74 0.00
RIVERBAY____ 323610	18.44 1.08 0.00	19.17 1.03 0.00	17.92 0.99 0.00	18.34 0.94 0.00	18.44 1.06 0.00	16.96 1.21 0.00	20.21 1.51 -1.63	21.45 1.84 0.00	24.38 1.99 0.00	27.00 2.06 0.00	27.34 1.97 0.00	23.87 1.52 -0.01	29.35 1.76 0.00	31.43 1.87 -0.01	32.48 1.95 0.00	25.98 1.74 0.00	25.34 1.87 0.00	39.63 2.82 0.00	42.99 3.14 0.00	38.69 2.72 0.00	26.85 1.91 -0.01	27.30 1.71 -0.01	24.67 1.44 -0.01	21.74 1.24 0.00
RIVERSDE_115KV_TB3 55908	17.78 0.43 0.00	18.54 0.39 0.00	17.30 0.36 0.00	17.75 0.35 0.00	17.77 0.40 0.00	16.24 0.49 0.00	26.35 0.62 -8.66	20.32 0.72 0.00	23.14 0.75 0.00	25.61 0.67 0.00	25.88 0.51 0.00	22.70 0.36 0.00	28.06 0.46 0.00	30.04 0.48 0.00	30.97 0.44 0.00	24.67 0.43 0.00	24.06 0.59 0.00	38.05 1.25 0.00	41.16 1.32 0.00	37.00 1.03 0.00	25.80 0.87 0.00	26.41 0.83 0.00	24.09 0.86 0.00	21.19 0.70 0.00
ROARING___BROOK_WT_PWR 323790	16.80 -0.55 0.00	17.65 -0.50 0.00	16.48 -0.46 0.00	16.94 -0.46 0.00	16.87 -0.51 0.00	15.18 -0.56 0.00	16.46 -0.61 0.00	18.92 -0.69 0.00	21.62 -0.77 0.00	24.12 -0.81 0.00	24.70 -0.68 0.00	21.93 -0.41 0.00	27.16 -0.43 0.00	29.03 -0.53 0.00	29.91 -0.62 0.00	23.76 -0.48 0.00	22.93 -0.54 0.00	35.93 -0.87 0.00	38.96 -0.88 0.00	35.38 -0.59 0.00	24.44 -0.49 0.00	25.10 -0.49 0.00	22.89 -0.33 0.00	20.26 -0.23 0.00
ROCHESRG_115KV_T4 355643	16.32 -1.03 0.00	17.13 -1.01 0.00	15.99 -0.94 0.00	16.44 -0.96 0.00	16.45 -0.93 0.00	14.99 -0.75 0.00	16.22 -0.85 0.00	18.65 -0.96 0.00	21.54 -0.86 0.00	24.29 -0.65 0.00	24.76 -0.61 0.00	21.77 -0.57 0.00	27.03 -0.56 0.00	28.98 -0.58 0.00	29.92 -0.61 0.00	23.73 -0.51 0.00	22.90 -0.57 0.00	35.91 -0.89 0.00	39.00 -0.84 0.00	34.96 -1.01 0.00	23.89 -1.04 0.00	24.41 -1.18 0.00	21.94 -1.28 0.00	19.51 -0.99 0.00
ROCHESTER_9_IC 23652	16.40 -0.95 0.00	17.23 -0.92 0.00	16.07 -0.86 0.00	16.53 -0.88 0.00	16.54 -0.84 0.00	15.08 -0.67 0.00	16.31 -0.76 0.00	18.77 -0.84 0.00	21.68 -0.72 0.00	24.45 -0.49 0.00	24.93 -0.44 0.00	21.92 -0.43 0.00	27.22 -0.37 0.00	29.18 -0.38 0.00	30.13 -0.40 0.00	23.89 -0.34 0.00	23.06 -0.41 0.00	36.16 -0.64 0.00	39.28 -0.56 0.00	35.20 -0.77 0.00	24.05 -0.87 0.00	24.56 -1.02 0.00	22.06 -1.16 0.00	19.62 -0.88 0.00
ROCKVIEW_13_KV_LD 356306	18.42 1.07 0.00	19.13 0.99 0.00	17.87 0.94 0.00	18.31 0.91 0.00	18.37 0.99 0.00	16.90 1.15 0.00	20.10 1.40 -1.63	21.30 1.69 0.00	24.25 1.86 0.00	26.87 1.93 0.00	27.29 1.91 0.00	23.86 1.52 0.00	29.34 1.75 0.00	31.40 1.85 0.00	32.45 1.92 0.00	25.96 1.72 0.00	25.30 1.83 0.00	39.72 2.92 0.00	42.94 3.10 0.00	38.59 2.63 0.00	26.90 1.97 0.00	27.40 1.81 0.00	24.70 1.48 0.00	21.72 1.22 0.00

ROME____115KV_TB2 80656	17.75 0.40 0.00	18.57 0.42 0.00	17.27 0.34 0.00	17.75 0.35 0.00	17.76 0.39 0.00	16.18 0.44 0.00	17.65 0.58 0.00	20.30 0.69 0.00	23.24 0.85 0.00	25.93 1.00 0.00	26.42 1.05 0.00	23.31 0.97 0.00	28.84 1.25 0.00	30.95 1.40 0.00	31.93 1.40 0.00	25.38 1.14 0.00	24.64 1.17 0.00	38.78 1.98 0.00	42.00 2.16 0.00	37.97 2.01 0.00	26.21 1.28 0.00	26.77 1.19 0.00	24.24 1.02 0.00	21.33 0.84 0.00
ROSETON____1 23587	18.18 0.83 0.00	18.91 0.76 0.00	17.65 0.72 0.00	18.10 0.70 0.00	18.15 0.77 0.00	16.65 0.90 0.00	19.79 1.12 -1.60	20.96 1.35 0.00	23.88 1.49 0.00	26.46 1.53 0.00	26.88 1.51 0.00	23.50 1.16 0.00	28.93 1.34 0.00	30.95 1.39 0.00	31.95 1.42 0.00	25.56 1.33 0.00	24.87 1.41 0.00	39.11 2.31 0.00	42.32 2.48 0.00	38.04 2.07 0.00	26.50 1.57 0.00	27.02 1.44 0.00	24.41 1.19 0.00	21.48 0.98 0.00
ROSETON____2 23588	18.18 0.83 0.00	18.91 0.76 0.00	17.65 0.72 0.00	18.10 0.70 0.00	18.15 0.77 0.00	16.65 0.90 0.00	19.79 1.12 -1.60	20.96 1.35 0.00	23.88 1.49 0.00	26.46 1.53 0.00	26.88 1.51 0.00	23.50 1.16 0.00	28.93 1.34 0.00	30.95 1.39 0.00	31.95 1.42 0.00	25.56 1.33 0.00	24.87 1.41 0.00	39.11 2.31 0.00	42.32 2.48 0.00	38.04 2.07 0.00	26.50 1.57 0.00	27.02 1.44 0.00	24.41 1.19 0.00	21.48 0.98 0.00
ROTTRDAM_115KV_TB3 80664	17.84 0.48 0.00	18.61 0.46 0.00	17.36 0.43 0.00	17.83 0.43 0.00	17.84 0.46 0.00	16.27 0.53 0.00	36.53 0.66 -18.80	20.38 0.78 0.00	23.23 0.84 0.00	25.80 0.87 0.00	26.21 0.84 0.00	22.99 0.65 0.00	28.44 0.85 0.00	30.47 0.91 0.00	31.44 0.91 0.00	25.08 0.84 0.00	24.36 0.89 0.00	38.36 1.56 0.00	41.49 1.65 0.00	37.34 1.37 0.00	25.96 1.03 0.00	26.55 0.96 0.00	24.04 0.82 0.00	21.18 0.68 0.00
RUSSELL____1 23602	16.47 -0.88 0.00	17.30 -0.85 0.00	16.14 -0.80 0.00	16.59 -0.81 0.00	16.61 -0.77 0.00	15.14 -0.60 0.00	16.39 -0.68 0.00	18.86 -0.75 0.00	21.78 -0.61 0.00	24.57 -0.37 0.00	25.05 -0.32 0.00	22.02 -0.32 0.00	27.36 -0.23 0.00	29.33 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	23.17 -0.30 0.00	36.35 -0.45 0.00	39.50 -0.34 0.00	35.39 -0.58 0.00	24.18 -0.75 0.00	24.69 -0.90 0.00	22.17 -1.05 0.00	19.71 -0.79 0.00
RUSSELL____2 23532	16.47 -0.88 0.00	17.30 -0.85 0.00	16.14 -0.80 0.00	16.59 -0.81 0.00	16.61 -0.77 0.00	15.14 -0.60 0.00	16.39 -0.68 0.00	18.86 -0.75 0.00	21.78 -0.61 0.00	24.57 -0.37 0.00	25.05 -0.32 0.00	22.02 -0.32 0.00	27.36 -0.23 0.00	29.33 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	23.17 -0.30 0.00	36.35 -0.45 0.00	39.50 -0.34 0.00	35.39 -0.58 0.00	24.18 -0.75 0.00	24.69 -0.90 0.00	22.17 -1.05 0.00	19.71 -0.79 0.00
RUSSELL____3 23549	16.47 -0.88 0.00	17.30 -0.85 0.00	16.14 -0.80 0.00	16.59 -0.81 0.00	16.61 -0.77 0.00	15.14 -0.60 0.00	16.39 -0.68 0.00	18.86 -0.75 0.00	21.78 -0.61 0.00	24.57 -0.37 0.00	25.05 -0.32 0.00	22.02 -0.32 0.00	27.36 -0.23 0.00	29.33 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	23.17 -0.30 0.00	36.35 -0.45 0.00	39.50 -0.34 0.00	35.39 -0.58 0.00	24.18 -0.75 0.00	24.69 -0.90 0.00	22.17 -1.05 0.00	19.71 -0.79 0.00
RUSSELL____4 23556	16.47 -0.88 0.00	17.30 -0.85 0.00	16.14 -0.80 0.00	16.59 -0.81 0.00	16.61 -0.77 0.00	15.14 -0.60 0.00	16.39 -0.68 0.00	18.86 -0.75 0.00	21.78 -0.61 0.00	24.57 -0.37 0.00	25.05 -0.32 0.00	22.02 -0.32 0.00	27.36 -0.23 0.00	29.33 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	23.17 -0.30 0.00	36.35 -0.45 0.00	39.50 -0.34 0.00	35.39 -0.58 0.00	24.18 -0.75 0.00	24.69 -0.90 0.00	22.17 -1.05 0.00	19.71 -0.79 0.00
RUSSELL____STATION 23914	16.47 -0.88 0.00	17.30 -0.85 0.00	16.14 -0.80 0.00	16.59 -0.81 0.00	16.61 -0.77 0.00	15.14 -0.60 0.00	16.39 -0.68 0.00	18.86 -0.75 0.00	21.78 -0.61 0.00	24.57 -0.37 0.00	25.05 -0.32 0.00	22.02 -0.32 0.00	27.36 -0.23 0.00	29.33 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	23.17 -0.30 0.00	36.35 -0.45 0.00	39.50 -0.34 0.00	35.39 -0.58 0.00	24.18 -0.75 0.00	24.69 -0.90 0.00	22.17 -1.05 0.00	19.71 -0.79 0.00
S SALMON____HYD 24043	16.76 -0.59 0.00	17.50 -0.64 0.00	16.24 -0.70 0.00	16.69 -0.71 0.00	16.69 -0.69 0.00	15.20 -0.55 0.00	16.51 -0.56 0.00	18.95 -0.66 0.00	21.70 -0.70 0.00	24.28 -0.66 0.00	24.73 -0.64 0.00	21.82 -0.52 0.00	27.01 -0.58 0.00	28.95 -0.61 0.00	29.93 -0.59 0.00	23.84 -0.40 0.00	23.13 -0.34 0.00	36.42 -0.38 0.00	39.45 -0.40 0.00	35.46 -0.50 0.00	24.48 -0.45 0.00	25.04 -0.55 0.00	22.63 -0.58 0.00	19.97 -0.52 0.00
S.PERRY__115KV_TB1 80734	16.82 -0.53 0.00	17.80 -0.34 0.00	16.50 -0.44 0.00	16.99 -0.42 0.00	17.06 -0.32 0.00	15.44 -0.31 0.00	17.32 -0.16 -0.40	19.68 0.07 0.00	22.79 0.40 0.00	25.63 0.69 0.00	25.95 0.58 0.00	22.86 0.51 0.00	28.43 0.83 0.00	30.58 1.02 0.00	31.63 1.11 0.00	25.16 0.93 0.00	24.32 0.85 0.00	38.31 1.51 0.00	41.45 1.61 0.00	37.15 1.18 0.00	25.52 0.59 0.00	26.13 0.55 0.00	23.49 0.27 0.00	20.81 0.31 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.89 -1.46 0.00	16.79 -1.36 0.00	15.70 -1.23 0.00	16.13 -1.27 0.00	16.17 -1.21 0.00	14.72 -1.03 0.00	15.82 -1.25 0.00	18.15 -1.45 0.00	21.11 -1.28 0.00	24.00 -0.94 0.00	24.52 -0.85 0.00	21.54 -0.80 0.00	26.79 -0.80 0.00	28.71 -0.84 0.00	29.69 -0.84 0.00	23.54 -0.70 0.00	22.66 -0.81 0.00	35.49 -1.31 0.00	38.61 -1.23 0.00	34.56 -1.41 0.00	23.47 -1.46 0.00	23.95 -1.63 0.00	21.47 -1.75 0.00	19.22 -1.28 0.00
SAWYER__23_KV_LOAD 55526	15.89 -1.46 0.00	16.79 -1.36 0.00	15.70 -1.23 0.00	16.13 -1.27 0.00	16.17 -1.21 0.00	14.72 -1.03 0.00	15.82 -1.25 0.00	18.15 -1.45 0.00	21.11 -1.28 0.00	24.00 -0.94 0.00	24.52 -0.85 0.00	21.54 -0.80 0.00	26.79 -0.80 0.00	28.71 -0.84 0.00	29.69 -0.84 0.00	23.54 -0.70 0.00	22.66 -0.81 0.00	35.49 -1.31 0.00	38.61 -1.23 0.00	34.56 -1.41 0.00	23.47 -1.46 0.00	23.95 -1.63 0.00	21.47 -1.75 0.00	19.22 -1.28 0.00
SELKIRK____I 23801	17.84 0.49 0.00	18.61 0.46 0.00	17.36 0.42 0.00	17.82 0.42 0.00	17.83 0.45 0.00	16.27 0.52 0.00	23.29 0.64 -5.59	20.33 0.72 0.00	23.13 0.74 0.00	25.61 0.68 0.00	25.91 0.54 0.00	22.74 0.39 0.00	28.17 0.57 0.00	30.18 0.63 0.00	31.12 0.59 0.00	24.83 0.59 0.00	24.18 0.71 0.00	38.17 1.37 0.00	41.33 1.48 0.00	37.17 1.20 0.00	25.86 0.93 0.00	26.48 0.89 0.00	24.10 0.87 0.00	21.22 0.73 0.00
SELKIRK____II 23799	17.76 0.41 0.00	18.52 0.37 0.00	17.28 0.34 0.00	17.74 0.33 0.00	17.75 0.37 0.00	16.21 0.46 0.00	23.68 0.58 -6.03	20.29 0.68 0.00	23.11 0.71 0.00	25.60 0.66 0.00	25.90 0.53 0.00	22.72 0.38 0.00	28.09 0.49 0.00	30.07 0.51 0.00	31.02 0.49 0.00	24.72 0.49 0.00	24.09 0.62 0.00	38.03 1.23 0.00	41.16 1.31 0.00	37.02 1.06 0.00	25.78 0.85 0.00	26.38 0.80 0.00	24.00 0.78 0.00	21.13 0.63 0.00

SENECA OSWGO___HYD 24041	16.75 -0.60 0.00	17.49 -0.66 0.00	16.26 -0.67 0.00	16.71 -0.69 0.00	16.70 -0.68 0.00	15.22 -0.53 0.00	16.51 -0.56 0.00	19.00 -0.61 0.00	21.75 -0.65 0.00	24.28 -0.65 0.00	24.70 -0.67 0.00	21.74 -0.60 0.00	26.89 -0.70 0.00	28.81 -0.75 0.00	29.80 -0.73 0.00	23.71 -0.52 0.00	22.99 -0.49 0.00	36.12 -0.68 0.00	39.11 -0.73 0.00	35.15 -0.82 0.00	24.30 -0.63 0.00	24.85 -0.73 0.00	22.46 -0.76 0.00	19.84 -0.65 0.00
SENECA___115KV_TB3 355854	16.10 -1.25 0.00	17.00 -1.15 0.00	15.90 -1.04 0.00	16.33 -1.07 0.00	16.37 -1.02 0.00	14.89 -0.86 0.00	16.03 -1.04 0.00	18.42 -1.19 0.00	21.43 -0.96 0.00	24.35 -0.58 0.00	24.91 -0.46 0.00	21.88 -0.47 0.00	27.22 -0.37 0.00	29.20 -0.36 0.00	30.21 -0.32 0.00	23.97 -0.27 0.00	23.08 -0.39 0.00	36.16 -0.64 0.00	39.33 -0.51 0.00	35.18 -0.80 0.00	23.92 -1.01 0.00	24.41 -1.17 0.00	21.90 -1.32 0.00	19.58 -0.92 0.00
SENECA___ENERGY 23797	16.79 -0.55 0.00	17.56 -0.59 0.00	16.35 -0.58 0.00	16.81 -0.59 0.00	16.83 -0.55 0.00	15.34 -0.40 0.00	16.72 -0.35 0.00	19.26 -0.35 0.00	22.15 -0.25 0.00	24.79 -0.14 0.00	25.21 -0.16 0.00	22.16 -0.19 0.00	27.45 -0.14 0.00	29.69 0.13 0.00	30.63 0.10 0.00	24.32 0.08 0.00	23.52 0.05 0.00	36.86 0.06 0.00	39.90 0.06 0.00	35.83 -0.13 0.00	24.73 -0.20 0.00	25.29 -0.30 0.00	22.81 -0.41 0.00	20.18 -0.32 0.00
SHOEMAKER___GT 23640	18.11 0.76 0.00	18.84 0.69 0.00	17.59 0.66 0.00	18.04 0.64 0.00	18.08 0.70 0.00	16.58 0.83 0.00	19.58 1.02 -1.49	20.84 1.24 0.00	23.75 1.35 0.00	26.34 1.40 0.00	26.71 1.34 0.00	23.35 1.00 0.00	28.75 1.16 0.00	30.78 1.22 0.00	31.78 1.25 0.00	25.39 1.16 0.00	24.75 1.28 0.00	38.94 2.14 0.00	42.14 2.30 0.00	37.88 1.92 0.00	26.36 1.44 0.00	26.91 1.33 0.00	24.30 1.08 0.00	21.39 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	18.10 0.75 0.00	18.83 0.68 0.00	17.58 0.65 0.00	18.03 0.63 0.00	18.08 0.70 0.00	16.58 0.83 0.00	19.57 1.02 -1.48	20.85 1.24 0.00	23.75 1.35 0.00	26.34 1.40 0.00	26.72 1.34 0.00	23.36 1.01 0.00	28.77 1.18 0.00	30.79 1.24 0.00	31.80 1.27 0.00	25.41 1.17 0.00	24.75 1.28 0.00	38.94 2.14 0.00	42.13 2.29 0.00	37.88 1.91 0.00	26.36 1.43 0.00	26.90 1.31 0.00	24.28 1.07 0.00	21.38 0.89 0.00
SHOREHAM_IC_1 23715	19.19 1.69 -0.15	19.76 1.62 0.00	18.47 1.54 0.00	18.91 1.51 0.00	18.99 1.61 0.00	31.13 1.69 -13.69	33.16 1.87 -14.22	24.50 2.12 -2.77	24.98 2.27 -0.32	27.05 2.11 0.00	27.78 2.41 0.00	24.37 2.03 0.00	29.95 2.36 0.00	32.03 2.48 0.00	33.18 2.65 0.00	29.09 2.54 -2.32	30.52 2.58 -4.47	111.56 3.93 -70.83	96.91 3.77 -53.29	67.22 3.41 -27.84	37.85 2.65 -10.27	41.72 2.44 -13.70	28.63 1.99 -3.43	22.12 1.63 0.00
SHOREHAM_IC_2 23716	19.19 1.69 -0.15	19.76 1.62 0.00	18.47 1.54 0.00	18.91 1.51 0.00	18.99 1.61 0.00	31.13 1.69 -13.69	33.16 1.87 -14.22	24.50 2.12 -2.77	24.98 2.27 -0.32	27.05 2.11 0.00	27.78 2.41 0.00	24.37 2.03 0.00	29.95 2.36 0.00	32.03 2.48 0.00	33.18 2.65 0.00	29.09 2.54 -2.32	30.52 2.58 -4.47	111.56 3.93 -70.83	96.91 3.77 -53.29	67.22 3.41 -27.84	37.85 2.65 -10.27	41.72 2.44 -13.70	28.63 1.99 -3.43	22.12 1.63 0.00
SISSONVILLE___ 23735	21.74 -0.34 -4.73	17.93 -0.22 0.00	16.86 -0.07 0.00	17.39 -0.01 0.00	17.11 -0.27 0.00	15.20 -0.55 0.00	16.52 -0.55 0.00	18.98 -0.63 0.00	21.60 -0.79 0.00	24.03 -0.90 0.00	24.58 -0.79 0.00	21.75 -0.59 0.00	26.87 -0.72 0.00	28.74 -0.82 0.00	29.76 -0.77 0.00	23.54 -0.70 0.00	22.68 -0.78 0.00	35.34 -1.46 0.00	38.31 -1.53 0.00	34.89 -1.07 0.00	24.02 -0.90 0.00	24.83 -0.76 0.00	22.78 -0.44 0.00	20.19 -0.31 0.00
SITHE_IND_GS1 24169	16.63 -0.72 0.00	17.37 -0.77 0.00	16.16 -0.77 0.00	16.60 -0.80 0.00	16.59 -0.79 0.00	15.08 -0.66 0.00	16.35 -0.73 0.00	18.79 -0.81 0.00	21.51 -0.89 0.00	24.01 -0.93 0.00	24.42 -0.95 0.00	21.49 -0.85 0.00	26.57 -1.02 0.00	28.45 -1.10 0.00	29.42 -1.11 0.00	23.40 -0.84 0.00	22.67 -0.80 0.00	35.57 -1.23 0.00	38.53 -1.32 0.00	34.67 -1.30 0.00	23.98 -0.95 0.00	24.55 -1.03 0.00	22.21 -1.00 0.00	19.65 -0.85 0.00
SITHE_IND_GS2 24170	16.63 -0.72 0.00	17.37 -0.77 0.00	16.16 -0.77 0.00	16.60 -0.80 0.00	16.59 -0.79 0.00	15.08 -0.66 0.00	16.35 -0.73 0.00	18.79 -0.81 0.00	21.51 -0.89 0.00	24.01 -0.93 0.00	24.42 -0.95 0.00	21.49 -0.85 0.00	26.57 -1.02 0.00	28.45 -1.10 0.00	29.42 -1.11 0.00	23.40 -0.84 0.00	22.67 -0.80 0.00	35.57 -1.23 0.00	38.53 -1.32 0.00	34.67 -1.30 0.00	23.98 -0.95 0.00	24.55 -1.03 0.00	22.21 -1.00 0.00	19.65 -0.85 0.00
SITHE_IND_GS3 24171	16.63 -0.72 0.00	17.37 -0.77 0.00	16.16 -0.77 0.00	16.60 -0.80 0.00	16.59 -0.79 0.00	15.08 -0.66 0.00	16.35 -0.73 0.00	18.79 -0.81 0.00	21.51 -0.89 0.00	24.01 -0.93 0.00	24.42 -0.95 0.00	21.49 -0.85 0.00	26.57 -1.02 0.00	28.45 -1.10 0.00	29.42 -1.11 0.00	23.40 -0.84 0.00	22.67 -0.80 0.00	35.57 -1.23 0.00	38.53 -1.32 0.00	34.67 -1.30 0.00	23.98 -0.95 0.00	24.55 -1.03 0.00	22.21 -1.00 0.00	19.65 -0.85 0.00
SITHE_IND_GS4 24172	16.63 -0.72 0.00	17.37 -0.77 0.00	16.16 -0.77 0.00	16.60 -0.80 0.00	16.59 -0.79 0.00	15.08 -0.66 0.00	16.35 -0.73 0.00	18.79 -0.81 0.00	21.51 -0.89 0.00	24.01 -0.93 0.00	24.42 -0.95 0.00	21.49 -0.85 0.00	26.57 -1.02 0.00	28.45 -1.10 0.00	29.42 -1.11 0.00	23.40 -0.84 0.00	22.67 -0.80 0.00	35.57 -1.23 0.00	38.53 -1.32 0.00	34.67 -1.30 0.00	23.98 -0.95 0.00	24.55 -1.03 0.00	22.21 -1.00 0.00	19.65 -0.85 0.00
SITHE___BATAVIA 24024	15.49 -0.99 0.87	14.96 -0.88 2.30	14.39 -0.84 1.71	15.45 -0.83 1.12	14.53 -0.76 2.09	13.90 -0.58 1.26	16.11 -0.75 0.21	18.76 -0.84 0.00	20.77 -0.59 1.03	23.58 -0.26 1.09	23.39 -0.16 1.82	20.02 -0.18 2.15	27.55 -0.04 0.00	29.51 -0.05 0.00	30.48 -0.05 0.00	24.14 -0.10 0.00	22.32 -0.20 0.95	36.28 -0.30 0.23	39.25 -0.12 0.47	35.52 -0.45 0.00	22.86 -0.81 1.26	24.25 -0.99 0.34	21.35 -1.19 0.68	19.66 -0.84 0.00
SITHE___INDEPEND 23800	16.63 -0.71 0.00	17.37 -0.77 0.00	16.16 -0.77 0.00	16.60 -0.80 0.00	16.59 -0.79 0.00	15.08 -0.66 0.00	16.35 -0.72 0.00	18.79 -0.81 0.00	21.51 -0.89 0.00	24.01 -0.93 0.00	24.42 -0.95 0.00	21.49 -0.85 0.00	26.57 -1.02 0.00	28.45 -1.10 0.00	29.42 -1.11 0.00	23.40 -0.84 0.00	22.67 -0.80 0.00	35.58 -1.23 0.00	38.52 -1.32 0.00	34.67 -1.30 0.00	23.98 -0.95 0.00	24.55 -1.03 0.00	22.22 -1.00 0.00	19.65 -0.85 0.00
SITHE___MASSENA 23902	18.20 -0.02 -0.87	18.24 0.10 0.00	17.15 0.22 0.00	17.68 0.27 0.00	17.48 0.10 0.00	15.62 -0.13 0.00	16.90 -0.17 0.00	19.37 -0.23 0.00	22.09 -0.31 0.00	24.59 -0.35 0.00	25.12 -0.25 0.00	22.20 -0.14 0.00	27.42 -0.17 0.00	29.34 -0.21 0.00	30.35 -0.18 0.00	23.97 -0.27 0.00	23.07 -0.39 0.00	35.94 -0.87 0.00	38.95 -0.89 0.00	35.46 -0.51 0.00	24.45 -0.48 0.00	25.28 -0.30 0.00	23.09 -0.13 0.00	20.44 -0.06 0.00

SITHE___OGDNSBRG 24021	20.71 0.13 -3.24	18.42 0.27 0.00	17.32 0.39 0.00	17.86 0.46 0.00	17.61 0.23 0.00	15.70 -0.05 0.00	17.02 -0.05 0.00	19.54 -0.07 0.00	22.23 -0.16 0.00	24.71 -0.23 0.00	25.21 -0.16 0.00	22.27 -0.07 0.00	27.55 -0.04 0.00	29.47 -0.09 0.00	30.57 0.04 0.00	24.15 -0.08 0.00	23.26 -0.21 0.00	36.25 -0.55 0.00	39.33 -0.51 0.00	35.82 -0.15 0.00	24.64 -0.28 0.00	25.49 -0.09 0.00	23.32 0.10 0.00	20.63 0.13 0.00
SITHE___STERLING 23777	17.63 0.28 0.00	18.43 0.28 0.00	17.16 0.22 0.00	17.63 0.23 0.00	17.64 0.26 0.00	16.08 0.33 0.00	17.52 0.45 0.00	20.16 0.55 0.00	23.07 0.68 0.00	25.72 0.79 0.00	26.18 0.81 0.00	23.07 0.73 0.00	28.53 0.94 0.00	30.62 1.07 0.00	31.59 1.06 0.00	25.11 0.87 0.00	24.36 0.89 0.00	38.34 1.54 0.00	41.49 1.65 0.00	37.58 1.61 0.00	25.97 1.04 0.00	26.53 0.95 0.00	24.02 0.80 0.00	21.17 0.67 0.00
SLEIGHT__34_KV_TB1 80719	16.57 -0.78 0.00	17.33 -0.81 0.00	16.17 -0.76 0.00	16.62 -0.78 0.00	16.64 -0.74 0.00	15.18 -0.57 0.00	16.49 -0.58 0.00	18.96 -0.64 0.00	21.84 -0.55 0.00	24.52 -0.41 0.00	25.00 -0.37 0.00	21.96 -0.38 0.00	27.24 -0.36 0.00	29.29 -0.27 0.00	30.27 -0.26 0.00	23.99 -0.24 0.00	23.22 -0.25 0.00	36.38 -0.42 0.00	39.50 -0.34 0.00	35.40 -0.57 0.00	24.30 -0.63 0.00	24.81 -0.77 0.00	22.33 -0.89 0.00	19.80 -0.69 0.00
SOUTH CAIRO___GT 23612	18.48 1.13 0.00	19.29 1.14 0.00	17.98 1.04 0.00	18.47 1.07 0.00	18.48 1.10 0.00	16.90 1.15 0.00	23.74 1.37 -5.30	21.19 1.58 0.00	24.03 1.64 0.00	26.49 1.55 0.00	26.52 1.15 0.00	23.28 0.94 0.00	29.15 1.56 0.00	31.29 1.74 0.00	32.15 1.63 0.00	25.84 1.60 0.00	25.17 1.70 0.00	39.92 3.12 0.00	43.25 3.41 0.00	38.79 2.82 0.00	26.89 1.96 0.00	27.51 1.92 0.00	25.03 1.81 0.00	21.98 1.48 0.00
SOUTH HAMPTN___IC 23720	19.36 1.86 -0.15	19.94 1.79 0.00	18.63 1.70 0.00	19.09 1.69 0.00	19.16 1.78 0.00	29.93 1.86 -12.33	32.10 2.06 -12.96	24.45 2.35 -2.50	25.20 2.51 -0.29	27.31 2.38 0.00	28.03 2.66 0.00	24.59 2.25 0.00	30.22 2.62 0.00	32.31 2.76 0.00	33.49 2.96 0.00	29.32 2.77 -2.32	30.78 2.84 -4.47	104.87 4.32 -63.75	92.00 4.19 -47.97	64.79 3.76 -25.06	37.05 2.88 -9.24	40.56 2.64 -12.33	28.47 2.16 -3.08	22.27 1.77 0.00
SOUTHDOW__115KV_TB1 355954	16.49 -0.86 0.00	17.28 -0.86 0.00	16.32 -0.61 0.00	16.73 -0.68 0.00	16.54 -0.84 0.00	15.24 -0.51 0.00	16.76 -0.31 0.00	19.18 -0.43 0.00	22.22 -0.17 0.00	25.17 0.23 0.00	25.74 0.37 0.00	22.50 0.15 0.00	28.14 0.55 0.00	30.46 0.91 0.00	31.89 1.36 0.00	25.43 1.19 0.00	24.48 1.01 0.00	38.41 1.61 0.00	41.35 1.51 0.00	36.95 0.98 0.00	25.22 0.29 0.00	25.77 0.19 0.00	23.16 -0.06 0.00	20.63 0.13 0.00
SOUTHOLD_69_KV_BK 2 55809	19.63 2.13 -0.15	20.21 2.07 0.00	18.89 1.96 0.00	19.36 1.96 0.00	19.45 2.07 0.00	30.22 2.13 -12.35	32.43 2.37 -12.98	24.83 2.72 -2.50	25.58 2.90 -0.29	27.70 2.76 0.00	28.39 3.02 0.00	24.89 2.55 0.00	30.56 2.97 0.00	32.70 3.14 0.00	33.89 3.36 0.00	29.66 3.11 -2.32	31.14 3.20 -4.47	105.58 4.91 -63.87	92.71 4.81 -48.05	65.34 4.27 -25.10	37.41 3.22 -9.26	40.89 2.96 -12.35	28.74 2.43 -3.09	22.46 1.96 0.00
SOUTHOLD___IC 23719	19.63 2.13 -0.15	20.22 2.07 0.00	18.90 1.96 0.00	19.36 1.96 0.00	19.44 2.06 0.00	30.22 2.13 -12.35	32.43 2.37 -12.98	24.83 2.72 -2.50	25.58 2.90 -0.29	27.70 2.76 0.00	28.40 3.02 0.00	24.89 2.55 0.00	30.56 2.97 0.00	32.70 3.14 0.00	33.89 3.36 0.00	29.66 3.11 -2.32	31.14 3.19 -4.47	105.58 4.91 -63.87	92.72 4.82 -48.05	65.35 4.28 -25.10	37.41 3.22 -9.26	40.89 2.96 -12.35	28.74 2.43 -3.09	22.46 1.96 0.00
SOUTH_FORK_WT_PWR 323839	19.66 2.17 -0.15	20.25 2.11 0.00	18.93 2.00 0.00	19.40 1.99 0.00	19.48 2.10 0.00	30.24 2.16 -12.34	32.45 2.41 -12.97	24.87 2.76 -2.50	25.62 2.94 -0.29	27.74 2.81 0.00	28.44 3.07 0.00	24.94 2.59 0.00	30.61 3.02 0.00	32.74 3.18 0.00	33.93 3.40 0.00	29.66 3.10 -2.32	31.14 3.20 -4.47	105.51 4.91 -63.80	92.64 4.78 -48.01	65.28 4.23 -25.08	37.36 3.18 -9.25	40.83 2.90 -12.34	28.70 2.39 -3.09	22.40 1.91 0.00
SPIERFLS_115KV_TB 1 80737	17.75 0.40 0.00	18.52 0.38 0.00	17.28 0.35 0.00	17.77 0.37 0.00	17.79 0.41 0.00	16.25 0.51 0.00	38.17 0.73 -20.37	20.44 0.84 0.00	23.33 0.94 0.00	25.95 1.01 0.00	26.34 0.97 0.00	22.98 0.64 0.00	28.56 0.96 0.00	30.52 0.97 0.00	31.54 1.01 0.00	25.32 1.08 0.00	24.43 0.96 0.00	38.59 1.80 0.00	41.67 1.83 0.00	37.41 1.44 0.00	26.03 1.10 0.00	26.61 1.02 0.00	24.01 0.79 0.00	21.07 0.57 0.00
ST LAWRENCE____ 23600	17.19 -0.16 0.00	18.09 -0.05 0.00	16.95 0.02 0.00	17.47 0.07 0.00	17.34 -0.04 0.00	15.50 -0.24 0.00	16.77 -0.31 0.00	19.21 -0.39 0.00	21.92 -0.48 0.00	24.40 -0.53 0.00	24.92 -0.45 0.00	22.03 -0.31 0.00	27.20 -0.39 0.00	29.12 -0.43 0.00	30.10 -0.43 0.00	23.76 -0.47 0.00	22.87 -0.60 0.00	35.62 -1.18 0.00	38.61 -1.23 0.00	35.15 -0.82 0.00	24.24 -0.68 0.00	25.08 -0.51 0.00	22.89 -0.32 0.00	20.25 -0.25 0.00
STATE_CA_115KV_115_LB 55624	17.81 0.46 0.00	18.57 0.42 0.00	17.32 0.39 0.00	17.78 0.38 0.00	17.81 0.42 0.00	16.26 0.51 0.00	27.99 0.65 -10.27	20.35 0.74 0.00	23.18 0.79 0.00	25.64 0.70 0.00	25.90 0.53 0.00	22.75 0.40 0.00	28.14 0.54 0.00	30.13 0.57 0.00	31.07 0.54 0.00	24.72 0.49 0.00	24.11 0.64 0.00	38.10 1.30 0.00	41.21 1.37 0.00	37.04 1.07 0.00	25.81 0.88 0.00	26.43 0.84 0.00	24.10 0.88 0.00	21.21 0.71 0.00
STATE_ST_34_KV_LOAD 55959	17.10 -0.24 0.00	17.82 -0.33 0.00	16.64 -0.30 0.00	17.04 -0.36 0.00	17.10 -0.28 0.00	15.59 -0.16 0.00	16.97 -0.10 0.00	19.45 -0.16 0.00	22.35 -0.04 0.00	24.98 0.04 0.00	25.44 0.06 0.00	22.28 -0.07 0.00	27.55 -0.04 0.00	29.92 0.36 0.00	31.00 0.47 0.00	24.50 0.26 0.00	23.76 0.29 0.00	37.16 0.36 0.00	40.32 0.48 0.00	36.24 0.27 0.00	25.06 0.13 0.00	25.59 0.01 0.00	23.13 -0.09 0.00	20.46 -0.03 0.00
STATION 5_MISC_HYD 23604	15.84 -0.95 0.56	15.75 -0.92 1.48	14.96 -0.87 1.10	15.81 -0.87 0.72	15.20 -0.84 1.34	14.27 -0.67 0.81	16.18 -0.76 0.13	18.77 -0.84 0.00	21.01 -0.72 0.66	23.75 -0.48 0.70	23.77 -0.44 1.17	20.55 -0.42 1.38	27.22 -0.37 0.00	29.18 -0.38 0.00	30.13 -0.40 0.00	23.89 -0.35 0.00	22.45 -0.41 0.61	36.02 -0.64 0.14	38.98 -0.56 0.30	35.20 -0.77 0.00	23.26 -0.87 0.80	24.35 -1.02 0.21	21.64 -1.16 0.43	19.62 -0.88 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.67 -0.68 0.00	17.49 -0.66 0.00	16.28 -0.65 0.00	16.76 -0.64 0.00	16.77 -0.61 0.00	15.30 -0.45 0.00	16.64 -0.43 0.00	19.19 -0.42 0.00	22.11 -0.28 0.00	24.81 -0.13 0.00	25.26 -0.11 0.00	22.23 -0.12 0.00	27.57 -0.03 0.00	29.58 0.02 0.00	30.56 0.03 0.00	24.30 0.07 0.00	23.46 -0.01 0.00	36.81 0.01 0.00	39.92 0.08 0.00	35.83 -0.14 0.00	24.59 -0.34 0.00	25.12 -0.46 0.00	22.60 -0.62 0.00	20.03 -0.46 0.00

STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.36 -0.99 0.00	17.16 -0.98 0.00	16.01 -0.92 0.00	16.47 -0.93 0.00	16.48 -0.91 0.00	15.02 -0.72 0.00	16.27 -0.80 0.00	18.72 -0.89 0.00	21.61 -0.78 0.00	24.35 -0.58 0.00	24.83 -0.54 0.00	21.84 -0.51 0.00	27.11 -0.48 0.00	29.06 -0.50 0.00	30.00 -0.53 0.00	23.80 -0.44 0.00	22.98 -0.49 0.00	36.03 -0.77 0.00	39.13 -0.71 0.00	35.06 -0.91 0.00	23.98 -0.95 0.00	24.48 -1.10 0.00	22.00 -1.22 0.00	19.55 -0.95 0.00
STA_56____34_KV_BUS2 355983	16.36 -0.99 0.00	17.16 -0.98 0.00	16.01 -0.92 0.00	16.47 -0.93 0.00	16.48 -0.91 0.00	15.02 -0.72 0.00	16.27 -0.80 0.00	18.72 -0.89 0.00	21.61 -0.78 0.00	24.35 -0.58 0.00	24.83 -0.54 0.00	21.84 -0.51 0.00	27.11 -0.48 0.00	29.06 -0.50 0.00	30.00 -0.53 0.00	23.80 -0.44 0.00	22.98 -0.49 0.00	36.03 -0.77 0.00	39.13 -0.71 0.00	35.06 -0.91 0.00	23.98 -0.95 0.00	24.48 -1.10 0.00	22.00 -1.22 0.00	19.55 -0.95 0.00
STA_67____115KV_BK2 355882	16.37 -0.98 0.00	17.19 -0.96 0.00	16.04 -0.89 0.00	16.50 -0.91 0.00	16.51 -0.87 0.00	15.04 -0.70 0.00	16.28 -0.80 0.00	18.72 -0.89 0.00	21.63 -0.77 0.00	24.39 -0.55 0.00	24.88 -0.49 0.00	21.86 -0.48 0.00	27.15 -0.44 0.00	29.11 -0.45 0.00	30.05 -0.48 0.00	23.83 -0.41 0.00	23.00 -0.47 0.00	36.07 -0.73 0.00	39.18 -0.67 0.00	35.10 -0.86 0.00	23.99 -0.94 0.00	24.50 -1.08 0.00	22.02 -1.20 0.00	19.58 -0.92 0.00
STA_7____115KV_9TRANS 80674	16.47 -0.88 0.00	17.30 -0.85 0.00	16.14 -0.80 0.00	16.59 -0.81 0.00	16.61 -0.77 0.00	15.14 -0.60 0.00	16.39 -0.68 0.00	18.86 -0.75 0.00	21.78 -0.61 0.00	24.57 -0.37 0.00	25.05 -0.32 0.00	22.02 -0.32 0.00	27.36 -0.23 0.00	29.33 -0.23 0.00	30.28 -0.25 0.00	24.01 -0.22 0.00	23.17 -0.30 0.00	36.35 -0.45 0.00	39.50 -0.34 0.00	35.39 -0.58 0.00	24.18 -0.75 0.00	24.69 -0.90 0.00	22.17 -1.05 0.00	19.71 -0.79 0.00
STA_82____115KV_TB1 80780	16.38 -0.97 0.00	17.20 -0.95 0.00	16.05 -0.88 0.00	16.50 -0.90 0.00	16.51 -0.87 0.00	15.05 -0.69 0.00	16.28 -0.79 0.00	18.73 -0.87 0.00	21.64 -0.75 0.00	24.41 -0.53 0.00	24.89 -0.48 0.00	21.88 -0.46 0.00	27.17 -0.42 0.00	29.12 -0.43 0.00	30.07 -0.45 0.00	23.85 -0.39 0.00	23.01 -0.46 0.00	36.09 -0.71 0.00	39.21 -0.63 0.00	35.13 -0.83 0.00	24.01 -0.92 0.00	24.52 -1.06 0.00	22.03 -1.19 0.00	19.59 -0.91 0.00
STEEL____WIND 323596	14.81 -1.27 1.27	13.61 -1.18 3.35	13.36 -1.08 2.49	14.68 -1.09 1.63	13.28 -1.05 3.05	13.02 -0.88 1.84	15.71 -1.06 0.31	18.39 -1.22 0.00	19.90 -0.99 1.50	22.73 -0.61 1.60	22.24 -0.49 2.65	18.73 -0.48 3.13	27.20 -0.39 0.00	29.18 -0.38 0.00	30.19 -0.34 0.00	23.94 -0.29 0.00	21.68 -0.41 1.38	35.80 -0.68 0.33	38.61 -0.54 0.69	35.16 -0.81 0.00	22.05 -1.02 1.86	23.90 -1.18 0.50	20.88 -1.34 1.00	19.56 -0.94 0.00
STEPHTWN_115KV_BK_2 55603	17.96 0.61 0.00	18.73 0.58 0.00	17.41 0.48 0.00	17.91 0.51 0.00	17.93 0.55 0.00	16.42 0.67 0.00	25.63 0.87 -7.69	20.58 0.97 0.00	23.41 1.02 0.00	25.97 1.03 0.00	26.11 0.74 0.00	22.88 0.54 0.00	28.33 0.74 0.00	30.34 0.79 0.00	31.24 0.71 0.00	24.95 0.71 0.00	24.36 0.89 0.00	38.55 1.75 0.00	41.69 1.85 0.00	37.51 1.55 0.00	26.09 1.17 0.00	26.72 1.14 0.00	24.32 1.10 0.00	21.36 0.87 0.00
STEUBEN_REC_LFGE 323667	16.29 -1.06 0.00	17.61 -0.54 0.00	16.10 -0.84 0.00	16.64 -0.77 0.00	16.78 -0.61 0.00	14.86 -0.88 0.00	16.98 -0.59 -0.50	19.30 -0.31 0.00	22.48 0.09 0.00	25.33 0.39 0.00	25.62 0.25 0.00	22.58 0.23 0.00	28.20 0.61 0.00	30.41 0.85 0.00	31.49 0.96 0.00	25.04 0.80 0.00	24.21 0.74 0.00	38.08 1.28 0.00	40.99 1.15 0.00	36.81 0.84 0.00	25.47 0.54 0.00	26.20 0.62 0.00	23.65 0.43 0.00	20.98 0.48 0.00
STILLWATER____SOLAR 323814	18.07 0.73 0.00	18.87 0.73 0.00	17.61 0.68 0.00	18.09 0.69 0.00	18.11 0.72 0.00	16.54 0.79 0.00	39.22 0.99 -21.16	20.74 1.14 0.00	23.64 1.25 0.00	26.23 1.29 0.00	26.62 1.25 0.00	23.29 0.95 0.00	28.89 1.29 0.00	30.92 1.36 0.00	31.88 1.36 0.00	25.51 1.27 0.00	24.68 1.21 0.00	38.94 2.14 0.00	42.10 2.26 0.00	37.84 1.87 0.00	26.35 1.42 0.00	26.92 1.34 0.00	24.36 1.14 0.00	21.42 0.92 0.00
STONY____BROOK 24151	19.06 1.56 -0.15	19.63 1.48 0.00	18.34 1.40 0.00	18.78 1.37 0.00	18.85 1.47 0.00	38.30 1.57 -20.98	39.73 1.74 -20.92	25.86 2.01 -4.25	24.98 2.09 -0.49	26.93 1.99 0.00	27.73 2.36 0.00	24.33 1.99 0.00	29.93 2.34 0.00	31.99 2.44 0.00	33.14 2.61 0.00	29.00 2.45 -2.32	30.45 2.52 -4.47	149.01 3.70 -108.51	125.06 3.57 -81.65	81.84 3.21 -42.65	43.20 2.53 -15.73	48.94 2.37 -20.99	30.35 1.88 -5.25	22.04 1.54 0.00
STURGEON_POOL_HYD 23609	18.26 0.92 0.00	18.98 0.84 0.00	17.81 0.88 0.00	18.26 0.86 0.00	18.31 0.93 0.00	16.82 1.08 0.00	21.06 1.33 -2.66	21.23 1.62 0.00	24.19 1.80 0.00	26.81 1.87 0.00	27.23 1.86 0.00	23.76 1.42 0.00	29.23 1.64 0.00	31.24 1.69 0.00	32.25 1.73 0.00	25.82 1.59 0.00	25.21 1.74 0.00	39.68 2.88 0.00	42.97 3.12 0.00	38.63 2.66 0.00	26.90 1.97 0.00	27.39 1.80 0.00	24.67 1.45 0.00	21.69 1.19 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.20 0.85 0.00	18.92 0.78 0.00	17.68 0.74 0.00	18.12 0.72 0.00	18.18 0.80 0.00	16.68 0.94 0.00	19.75 1.16 -1.52	21.00 1.39 0.00	23.92 1.53 0.00	26.51 1.57 0.00	26.91 1.53 0.00	23.51 1.17 0.00	28.95 1.35 0.00	30.98 1.42 0.00	32.01 1.48 0.00	25.59 1.35 0.00	24.93 1.46 0.00	39.20 2.39 0.00	42.41 2.57 0.00	38.11 2.14 0.00	26.53 1.60 0.00	27.04 1.46 0.00	24.41 1.19 0.00	21.48 0.98 0.00
SWANROAD_115KV_TB1 355699	15.59 -1.76 0.00	16.55 -1.60 0.00	15.43 -1.50 0.00	15.85 -1.55 0.00	15.96 -1.43 0.00	14.48 -1.26 0.00	15.45 -1.62 0.00	17.70 -1.91 0.00	20.59 -1.80 0.00	23.40 -1.54 0.00	23.90 -1.47 0.00	21.01 -1.34 0.00	26.10 -1.49 0.00	27.95 -1.60 0.00	28.88 -1.65 0.00	22.90 -1.34 0.00	22.03 -1.44 0.00	34.51 -2.29 0.00	37.57 -2.27 0.00	33.62 -2.35 0.00	22.79 -2.14 0.00	23.26 -2.33 0.00	20.85 -2.37 0.00	18.72 -1.78 0.00
SYNERGY____BIOGAS 323694	15.49 -0.99 0.87	14.96 -0.88 2.30	14.39 -0.84 1.71	15.45 -0.83 1.12	14.53 -0.76 2.09	13.90 -0.58 1.26	16.11 -0.75 0.21	18.76 -0.84 0.00	20.77 -0.59 1.03	23.58 -0.26 1.09	23.39 -0.16 1.82	20.02 -0.18 2.15	27.55 -0.04 0.00	29.51 -0.05 0.00	30.48 -0.05 0.00	24.14 -0.10 0.00	22.32 -0.20 0.95	36.28 -0.30 0.23	39.25 -0.12 0.47	35.52 -0.45 0.00	22.86 -0.81 1.26	24.25 -0.99 0.34	21.35 -1.19 0.68	19.66 -0.84 0.00
SYRACUSE____ENERGY_ST1 323597	16.99 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.77 -0.30 0.00	19.29 -0.32 0.00	22.10 -0.30 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.51 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.86 -0.37 0.00	20.20 -0.29 0.00

SYRACUSE___ENERGY_ST2 323598	16.99 -0.36 0.00	17.73 -0.42 0.00	16.49 -0.44 0.00	16.95 -0.46 0.00	16.96 -0.42 0.00	15.45 -0.30 0.00	16.77 -0.30 0.00	19.29 -0.32 0.00	22.10 -0.30 0.00	24.68 -0.26 0.00	25.11 -0.26 0.00	22.07 -0.27 0.00	27.30 -0.29 0.00	29.57 0.01 0.00	30.51 -0.02 0.00	24.14 -0.09 0.00	23.40 -0.07 0.00	36.73 -0.07 0.00	39.78 -0.06 0.00	35.76 -0.20 0.00	24.73 -0.20 0.00	25.29 -0.29 0.00	22.86 -0.37 0.00	20.20 -0.29 0.00
SYRACUSE___POWER 24017	17.03 -0.32 0.00	17.79 -0.36 0.00	16.55 -0.38 0.00	17.01 -0.39 0.00	17.01 -0.37 0.00	15.50 -0.24 0.00	16.84 -0.23 0.00	19.39 -0.22 0.00	22.21 -0.18 0.00	24.81 -0.13 0.00	25.23 -0.14 0.00	22.19 -0.15 0.00	27.46 -0.13 0.00	29.53 -0.03 0.00	30.45 -0.07 0.00	24.18 -0.06 0.00	23.42 -0.05 0.00	36.81 0.01 0.00	39.83 -0.01 0.00	35.81 -0.16 0.00	24.75 -0.18 0.00	25.31 -0.27 0.00	22.87 -0.35 0.00	20.21 -0.28 0.00
TALLMAN__138KV_BK151 55660	18.32 0.97 0.00	19.02 0.87 0.00	17.76 0.83 0.00	18.21 0.80 0.00	18.27 0.89 0.00	16.80 1.05 0.00	19.93 1.29 -1.56	21.16 1.56 0.00	24.08 1.69 0.00	26.68 1.75 0.00	27.09 1.71 0.00	23.66 1.32 0.00	29.11 1.52 0.00	31.17 1.61 0.00	32.20 1.67 0.00	25.75 1.51 0.00	25.11 1.64 0.00	39.43 2.63 0.00	42.67 2.83 0.00	38.32 2.36 0.00	26.69 1.76 0.00	27.19 1.61 0.00	24.52 1.30 0.00	21.57 1.07 0.00
TEALLAVE_115KV_TB7 355573	16.91 -0.44 0.00	17.67 -0.48 0.00	16.43 -0.50 0.00	16.89 -0.51 0.00	16.89 -0.49 0.00	15.39 -0.36 0.00	16.71 -0.36 0.00	19.23 -0.38 0.00	22.03 -0.36 0.00	24.62 -0.31 0.00	25.05 -0.32 0.00	22.04 -0.31 0.00	27.27 -0.33 0.00	29.28 -0.28 0.00	30.20 -0.33 0.00	24.00 -0.24 0.00	23.24 -0.23 0.00	36.51 -0.29 0.00	39.51 -0.33 0.00	35.49 -0.48 0.00	24.52 -0.40 0.00	25.08 -0.51 0.00	22.66 -0.56 0.00	20.03 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	16.05 -1.30 0.00	16.98 -1.16 0.00	15.84 -1.09 0.00	16.28 -1.12 0.00	16.36 -1.02 0.00	14.88 -0.86 0.00	15.97 -1.10 0.00	18.34 -1.27 0.00	21.32 -1.08 0.00	24.18 -0.76 0.00	24.69 -0.68 0.00	21.71 -0.63 0.00	26.99 -0.60 0.00	28.92 -0.64 0.00	29.86 -0.66 0.00	23.67 -0.57 0.00	22.79 -0.68 0.00	35.73 -1.08 0.00	38.87 -0.97 0.00	34.76 -1.21 0.00	23.59 -1.33 0.00	24.07 -1.51 0.00	21.57 -1.65 0.00	19.30 -1.20 0.00
TEMPLE___115KV_TB 2 55572	16.92 -0.42 0.00	17.68 -0.46 0.00	16.45 -0.49 0.00	16.90 -0.50 0.00	16.91 -0.47 0.00	15.40 -0.34 0.00	16.72 -0.35 0.00	19.25 -0.36 0.00	22.06 -0.34 0.00	24.64 -0.29 0.00	25.07 -0.30 0.00	22.06 -0.28 0.00	27.30 -0.29 0.00	29.31 -0.25 0.00	30.23 -0.30 0.00	24.01 -0.22 0.00	23.26 -0.21 0.00	36.54 -0.26 0.00	39.54 -0.30 0.00	35.52 -0.45 0.00	24.54 -0.39 0.00	25.11 -0.48 0.00	22.69 -0.54 0.00	20.05 -0.45 0.00
TIANA____69_KV_BK 1 55817	19.30 1.80 -0.15	19.88 1.73 0.00	18.57 1.64 0.00	19.03 1.63 0.00	19.11 1.73 0.00	29.90 1.81 -12.34	32.05 2.00 -12.98	24.39 2.28 -2.50	25.12 2.44 -0.29	27.23 2.29 0.00	27.95 2.58 0.00	24.52 2.18 0.00	30.13 2.54 0.00	32.23 2.67 0.00	33.40 2.87 0.00	29.26 2.71 -2.32	30.71 2.77 -4.47	104.86 4.21 -63.85	91.97 4.08 -48.04	64.74 3.67 -25.10	37.01 2.83 -9.26	40.53 2.59 -12.35	28.42 2.11 -3.09	22.23 1.73 0.00
TILDEN___115KV_TB1 80814	17.03 -0.32 0.00	17.79 -0.36 0.00	16.55 -0.38 0.00	17.01 -0.39 0.00	17.01 -0.37 0.00	15.50 -0.24 0.00	16.84 -0.23 0.00	19.39 -0.22 0.00	22.21 -0.18 0.00	24.81 -0.13 0.00	25.23 -0.14 0.00	22.19 -0.15 0.00	27.46 -0.13 0.00	29.53 -0.03 0.00	30.45 -0.07 0.00	24.18 -0.06 0.00	23.42 -0.05 0.00	36.81 0.01 0.00	39.83 -0.01 0.00	35.81 -0.16 0.00	24.75 -0.18 0.00	25.31 -0.27 0.00	22.87 -0.35 0.00	20.21 -0.28 0.00
TRIGEN___CC 323695	18.80 1.30 -0.15	19.36 1.22 0.00	18.08 1.14 0.00	18.52 1.12 0.00	18.59 1.21 0.00	17.09 1.34 0.00	20.26 1.56 -1.63	21.42 1.82 0.00	24.35 1.96 0.00	26.88 1.95 0.00	27.50 2.13 0.00	24.11 1.77 0.00	29.66 2.07 0.00	31.69 2.14 0.00	32.79 2.26 0.00	28.60 2.05 -2.31	30.08 2.14 -4.47	40.08 3.27 0.00	43.11 3.27 0.00	38.84 2.87 0.00	27.17 2.24 0.00	27.62 2.03 0.00	24.87 1.66 0.00	21.85 1.36 0.00
TRINITY__115KV__ 4 BK 55933	17.75 0.41 0.00	18.51 0.36 0.00	17.27 0.34 0.00	17.73 0.33 0.00	17.75 0.36 0.00	16.21 0.46 0.00	25.81 0.59 -8.15	20.28 0.68 0.00	23.10 0.70 0.00	25.55 0.61 0.00	25.79 0.42 0.00	22.63 0.29 0.00	27.96 0.37 0.00	29.95 0.39 0.00	30.88 0.35 0.00	24.60 0.36 0.00	23.99 0.52 0.00	37.93 1.13 0.00	41.03 1.19 0.00	36.88 0.91 0.00	25.71 0.78 0.00	26.33 0.74 0.00	24.03 0.80 0.00	21.14 0.64 0.00
UNION___PROCESSING_DRP 323587	16.38 -0.97 0.00	17.20 -0.94 0.00	16.05 -0.88 0.00	16.51 -0.89 0.00	16.52 -0.86 0.00	15.06 -0.69 0.00	16.29 -0.78 0.00	18.74 -0.86 0.00	21.65 -0.74 0.00	24.42 -0.52 0.00	24.90 -0.47 0.00	21.89 -0.46 0.00	27.18 -0.41 0.00	29.14 -0.42 0.00	30.08 -0.45 0.00	23.86 -0.38 0.00	23.03 -0.44 0.00	36.11 -0.69 0.00	39.22 -0.62 0.00	35.15 -0.82 0.00	24.01 -0.91 0.00	24.52 -1.06 0.00	22.03 -1.19 0.00	19.60 -0.90 0.00
UPPER HUDSON___HYD 24058	17.75 0.40 0.00	18.53 0.38 0.00	17.29 0.35 0.00	17.77 0.37 0.00	17.79 0.41 0.00	16.25 0.50 0.00	38.17 0.73 -20.37	20.44 0.84 0.00	23.33 0.94 0.00	25.95 1.01 0.00	26.34 0.97 0.00	22.98 0.64 0.00	28.56 0.96 0.00	30.52 0.96 0.00	31.54 1.01 0.00	25.32 1.08 0.00	24.43 0.96 0.00	38.59 1.79 0.00	41.67 1.83 0.00	37.41 1.44 0.00	26.03 1.10 0.00	26.61 1.02 0.00	24.01 0.79 0.00	21.07 0.57 0.00
UPPER RAQUET___HYD 24056	21.74 -0.35 -4.73	17.93 -0.22 0.00	16.87 -0.06 0.00	17.39 -0.01 0.00	17.11 -0.27 0.00	15.20 -0.55 0.00	16.52 -0.55 0.00	18.98 -0.63 0.00	21.60 -0.79 0.00	24.03 -0.90 0.00	24.58 -0.79 0.00	21.75 -0.60 0.00	26.87 -0.72 0.00	28.74 -0.82 0.00	29.76 -0.77 0.00	23.54 -0.70 0.00	22.68 -0.78 0.00	35.34 -1.46 0.00	38.32 -1.53 0.00	34.90 -1.07 0.00	24.02 -0.90 0.00	24.83 -0.76 0.00	22.78 -0.44 0.00	20.19 -0.31 0.00
VALLEY44_115KV_TB2 355964	16.83 -0.52 0.00	17.70 -0.44 0.00	16.51 -0.42 0.00	16.96 -0.44 0.00	16.94 -0.44 0.00	15.40 -0.35 0.00	16.66 -0.41 0.00	19.22 -0.39 0.00	22.24 -0.16 0.00	25.15 0.21 0.00	25.77 0.40 0.00	22.67 0.32 0.00	28.27 0.67 0.00	30.33 0.77 0.00	31.32 0.79 0.00	24.87 0.63 0.00	23.99 0.52 0.00	37.36 0.56 0.00	40.49 0.65 0.00	36.13 0.16 0.00	24.77 -0.16 0.00	25.43 -0.16 0.00	22.86 -0.36 0.00	20.37 -0.13 0.00
VALLEY___115KV_TB 1-4 80826	17.57 0.22 0.00	18.26 0.11 0.00	17.05 0.11 0.00	17.52 0.12 0.00	17.54 0.16 0.00	16.01 0.27 0.00	17.43 0.36 0.00	20.06 0.46 0.00	22.90 0.51 0.00	25.40 0.46 0.00	25.79 0.42 0.00	22.64 0.29 0.00	28.01 0.42 0.00	30.00 0.44 0.00	30.97 0.44 0.00	24.74 0.51 0.00	23.99 0.52 0.00	37.93 1.12 0.00	40.93 1.09 0.00	36.75 0.78 0.00	25.66 0.73 0.00	26.25 0.66 0.00	23.77 0.56 0.00	20.95 0.45 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.05 0.69 0.00	18.85 0.71 0.00	17.57 0.64 0.00	18.05 0.65 0.00	18.10 0.71 0.00	16.49 0.74 0.00	20.26 0.93 -2.26	20.73 1.13 0.00	23.74 1.34 0.00	26.40 1.46 0.00	26.81 1.44 0.00	23.50 1.15 0.00	29.03 1.44 0.00	31.09 1.54 0.00	32.10 1.57 0.00	25.57 1.33 0.00	24.84 1.37 0.00	38.99 2.19 0.00	42.22 2.38 0.00	37.99 2.02 0.00	26.31 1.38 0.00	26.92 1.34 0.00	24.34 1.12 0.00	21.44 0.95 0.00
VISCHER___FERRY HYD 24020	18.05 0.70 0.00	18.85 0.71 0.00	17.60 0.67 0.00	18.06 0.66 0.00	18.09 0.71 0.00	16.52 0.78 0.00	40.91 0.94 -22.90	20.70 1.09 0.00	23.60 1.21 0.00	26.21 1.27 0.00	26.55 1.18 0.00	23.27 0.92 0.00	28.76 1.17 0.00	30.71 1.16 0.00	31.63 1.10 0.00	25.30 1.07 0.00	24.46 0.99 0.00	38.60 1.80 0.00	41.75 1.91 0.00	37.52 1.56 0.00	26.19 1.26 0.00	26.78 1.19 0.00	24.28 1.07 0.00	21.36 0.86 0.00
V_A_10_SYNC_DSASP 323832	15.00 -1.46 0.88	14.40 -1.41 2.33	13.89 -1.31 1.74	14.95 -1.31 1.14	13.97 -1.29 2.12	13.38 -1.08 1.28	15.59 -1.27 0.21	18.13 -1.47 0.00	19.98 -1.37 1.05	22.69 -1.13 1.11	22.46 -1.07 1.85	19.19 -0.98 2.18	26.55 -1.04 0.00	28.44 -1.12 0.00	29.36 -1.16 0.00	23.28 -0.96 0.00	21.47 -1.04 0.96	34.89 -1.68 0.23	37.71 -1.66 0.48	34.20 -1.77 0.00	21.99 -1.65 1.29	23.44 -1.80 0.35	20.66 -1.87 0.69	19.07 -1.43 0.00
V_CMM_10_SYNC_DSASP 323787	17.26 -0.08 0.00	18.16 0.02 0.00	17.03 0.10 0.00	17.54 0.14 0.00	17.41 0.04 0.00	15.58 -0.17 0.00	16.84 -0.23 0.00	19.30 -0.30 0.00	22.01 -0.38 0.00	24.51 -0.42 0.00	25.04 -0.33 0.00	22.13 -0.21 0.00	27.34 -0.26 0.00	29.26 -0.30 0.00	30.24 -0.28 0.00	23.88 -0.35 0.00	22.98 -0.49 0.00	35.80 -1.00 0.00	38.80 -1.04 0.00	35.31 -0.66 0.00	24.36 -0.57 0.00	25.19 -0.39 0.00	23.00 -0.22 0.00	20.34 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	-14.77 -0.47 31.65	18.02 -0.13 0.00	16.99 0.06 0.00	17.68 0.28 0.00	17.41 0.03 0.00	15.37 -0.38 0.00	17.21 0.13 0.00	20.09 0.48 0.00	22.68 0.29 0.00	25.16 0.23 0.00	25.92 0.55 0.00	22.82 0.48 0.00	28.13 0.54 0.00	29.94 0.38 0.00	31.11 0.58 0.00	24.96 0.73 0.00	24.04 0.56 0.00	37.09 0.28 0.00	39.85 0.01 0.00	36.46 0.49 0.00	25.33 0.40 0.00	25.99 0.41 0.00	23.57 0.35 0.00	21.03 0.54 0.00
V_D_10_SYNC_DSASP 323841	18.15 -0.02 -0.82	18.25 0.10 0.00	17.15 0.22 0.00	17.68 0.28 0.00	17.48 0.10 0.00	15.62 -0.12 0.00	16.90 -0.17 0.00	19.37 -0.23 0.00	22.09 -0.30 0.00	24.59 -0.34 0.00	25.13 -0.24 0.00	22.20 -0.14 0.00	27.43 -0.17 0.00	29.35 -0.20 0.00	30.36 -0.17 0.00	23.97 -0.26 0.00	23.07 -0.39 0.00	35.94 -0.86 0.00	38.96 -0.88 0.00	35.47 -0.50 0.00	24.45 -0.48 0.00	25.28 -0.30 0.00	23.10 -0.12 0.00	20.44 -0.06 0.00
V_E_10_SYNC_DSASP 323830	18.27 0.59 -0.33	19.85 0.83 -0.87	18.17 0.59 -0.65	18.48 0.65 -0.42	18.98 0.80 -0.79	16.92 0.70 -0.48	19.22 1.00 -1.16	20.93 1.32 0.00	24.47 1.69 -0.39	27.43 2.08 -0.41	28.18 2.12 -0.69	24.78 1.63 -0.81	29.82 2.23 0.00	32.21 2.66 0.00	33.30 2.77 0.00	26.54 2.31 0.00	26.08 2.26 -0.35	40.56 3.68 -0.08	43.77 3.76 -0.17	38.85 2.88 0.00	27.27 1.87 -0.47	27.58 1.86 -0.13	25.13 1.66 -0.25	22.06 1.56 0.00
V_F_30_NSYNC___DSASP 323816	18.08 0.73 0.00	18.88 0.74 0.00	17.62 0.69 0.00	18.09 0.69 0.00	18.11 0.73 0.00	16.54 0.80 0.00	38.87 0.99 -20.81	20.75 1.15 0.00	23.65 1.26 0.00	26.25 1.32 0.00	26.65 1.28 0.00	23.32 0.98 0.00	28.92 1.32 0.00	30.95 1.39 0.00	31.92 1.39 0.00	25.53 1.29 0.00	24.71 1.24 0.00	38.98 2.18 0.00	42.14 2.30 0.00	37.88 1.91 0.00	26.37 1.44 0.00	26.94 1.36 0.00	24.38 1.16 0.00	21.43 0.94 0.00
V_F_30_SYNC_DSASP 323786	17.81 0.46 0.00	18.57 0.42 0.00	17.32 0.39 0.00	17.78 0.38 0.00	17.80 0.42 0.00	16.26 0.51 0.00	27.81 0.65 -10.10	20.35 0.74 0.00	23.17 0.78 0.00	25.64 0.70 0.00	25.90 0.53 0.00	22.74 0.40 0.00	28.13 0.54 0.00	30.13 0.57 0.00	31.07 0.54 0.00	24.72 0.49 0.00	24.11 0.64 0.00	38.10 1.29 0.00	41.20 1.36 0.00	37.04 1.07 0.00	25.81 0.88 0.00	26.42 0.84 0.00	24.10 0.87 0.00	21.20 0.70 0.00
V_XM_10_SYNC_DSASP 323789	-14.77 -0.47 31.65	18.02 -0.13 0.00	16.99 0.06 0.00	17.68 0.28 0.00	17.41 0.03 0.00	15.37 -0.38 0.00	17.21 0.13 0.00	20.09 0.48 0.00	22.68 0.29 0.00	25.16 0.23 0.00	25.92 0.55 0.00	22.82 0.48 0.00	28.13 0.54 0.00	29.94 0.38 0.00	31.11 0.58 0.00	24.96 0.73 0.00	24.04 0.56 0.00	37.09 0.28 0.00	39.85 0.01 0.00	36.46 0.49 0.00	25.33 0.40 0.00	25.99 0.41 0.00	23.57 0.35 0.00	21.03 0.54 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.37 1.02 0.00	19.07 0.93 0.00	17.81 0.88 0.00	18.26 0.86 0.00	18.32 0.94 0.00	16.85 1.10 0.00	19.99 1.34 -1.57	21.23 1.62 0.00	24.16 1.77 0.00	26.77 1.83 0.00	27.17 1.80 0.00	23.74 1.40 0.00	29.21 1.61 0.00	31.27 1.72 0.00	32.31 1.78 0.00	25.84 1.60 0.00	25.20 1.73 0.00	39.57 2.77 0.00	42.81 2.97 0.00	38.46 2.49 0.00	26.78 1.86 0.00	27.28 1.70 0.00	24.60 1.38 0.00	21.64 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.39 1.03 0.00	19.10 0.95 0.00	17.84 0.91 0.00	18.27 0.87 0.00	18.34 0.96 0.00	16.89 1.15 0.00	20.12 1.42 -1.63	21.34 1.73 0.00	24.28 1.88 0.00	26.91 1.97 0.00	27.29 1.92 0.00	23.86 1.52 0.00	29.32 1.73 0.00	31.38 1.82 0.00	32.42 1.89 0.00	25.93 1.70 0.00	25.30 1.83 0.00	39.64 2.84 0.00	42.83 2.99 0.00	38.53 2.56 0.00	26.86 1.93 0.00	27.35 1.76 0.00	24.65 1.43 0.00	21.67 1.17 0.00
W50THST__13_KV_LOAD 356117	18.48 1.13 0.00	19.18 1.04 0.00	17.92 0.99 0.00	18.35 0.95 0.00	18.42 1.04 0.00	16.99 1.24 0.00	20.22 1.52 -1.63	21.47 1.87 0.00	24.45 2.06 0.00	27.11 2.18 0.00	27.50 2.13 0.00	24.05 1.71 0.00	29.55 1.96 0.00	31.63 2.08 0.00	32.68 2.15 0.00	26.14 1.91 0.00	25.50 2.03 0.00	39.94 3.14 0.00	43.13 3.29 0.00	38.76 2.79 0.00	27.01 2.09 0.00	27.50 1.91 0.00	24.77 1.55 0.00	21.76 1.27 0.00
WADING RIVER_IC_1 23522	19.15 1.65 -0.15	19.72 1.57 0.00	18.43 1.50 0.00	18.87 1.47 0.00	18.95 1.57 0.00	29.67 1.65 -12.27	31.80 1.82 -12.91	24.17 2.07 -2.49	24.90 2.22 -0.29	27.01 2.08 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.93 2.34 0.00	32.00 2.44 0.00	33.15 2.62 0.00	29.04 2.49 -2.32	30.48 2.54 -4.47	104.10 3.84 -63.45	91.26 3.67 -47.74	64.24 3.33 -24.94	36.73 2.60 -9.20	40.24 2.39 -12.27	28.23 1.94 -3.07	22.09 1.59 0.00
WADING RIVER_IC_2 23547	19.15 1.65 -0.15	19.72 1.57 0.00	18.43 1.50 0.00	18.87 1.47 0.00	18.95 1.57 0.00	29.67 1.65 -12.27	31.80 1.82 -12.91	24.17 2.07 -2.49	24.90 2.22 -0.29	27.01 2.08 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.93 2.34 0.00	32.00 2.44 0.00	33.15 2.62 0.00	29.04 2.49 -2.32	30.48 2.54 -4.47	104.10 3.84 -63.45	91.26 3.67 -47.74	64.24 3.33 -24.94	36.73 2.60 -9.20	40.24 2.39 -12.27	28.23 1.94 -3.07	22.09 1.59 0.00

WADING RIVER_IC_3 23601	19.15 1.65 -0.15	19.72 1.57 0.00	18.43 1.50 0.00	18.87 1.47 0.00	18.95 1.57 0.00	29.67 1.65 -12.27	31.80 1.82 -12.91	24.17 2.07 -2.49	24.90 2.22 -0.29	27.01 2.08 0.00	27.75 2.38 0.00	24.35 2.01 0.00	29.93 2.34 0.00	32.00 2.44 0.00	33.15 2.62 0.00	29.04 2.49 -2.32	30.48 2.54 -4.47	104.10 3.84 -63.45	91.26 3.67 -47.74	64.24 3.33 -24.94	36.73 2.60 -9.20	40.24 2.39 -12.27	28.23 1.94 -3.07	22.09 1.59 0.00
WALDENNY_I2_KV_BK2 80841	16.09 -1.26 0.00	16.99 -1.15 0.00	15.88 -1.05 0.00	16.32 -1.08 0.00	16.36 -1.02 0.00	14.88 -0.86 0.00	16.02 -1.05 0.00	18.40 -1.21 0.00	21.42 -0.97 0.00	24.33 -0.60 0.00	24.89 -0.48 0.00	21.86 -0.48 0.00	27.20 -0.40 0.00	29.17 -0.38 0.00	30.17 -0.36 0.00	23.94 -0.30 0.00	23.04 -0.43 0.00	36.10 -0.70 0.00	39.25 -0.59 0.00	35.12 -0.85 0.00	23.86 -1.07 0.00	24.35 -1.24 0.00	21.84 -1.38 0.00	19.53 -0.97 0.00
WALDEN___HYDRO 24148	18.37 1.02 0.00	19.09 0.95 0.00	17.88 0.95 0.00	18.33 0.93 0.00	18.38 1.00 0.00	16.88 1.13 0.00	20.13 1.39 -1.66	21.28 1.67 0.00	24.24 1.85 0.00	26.84 1.90 0.00	27.19 1.82 0.00	23.67 1.33 0.00	29.20 1.61 0.00	31.24 1.69 0.00	32.27 1.75 0.00	25.76 1.52 0.00	25.23 1.75 0.00	39.76 2.96 0.00	43.06 3.22 0.00	38.69 2.72 0.00	26.92 1.99 0.00	27.43 1.85 0.00	24.73 1.51 0.00	21.74 1.24 0.00
WARRENSBURG____ 23737	17.75 0.40 0.00	18.53 0.38 0.00	17.29 0.35 0.00	17.77 0.37 0.00	17.79 0.41 0.00	16.25 0.50 0.00	38.17 0.73 -20.37	20.44 0.84 0.00	23.33 0.94 0.00	25.95 1.01 0.00	26.34 0.97 0.00	22.98 0.64 0.00	28.56 0.96 0.00	30.52 0.96 0.00	31.54 1.01 0.00	25.32 1.08 0.00	24.43 0.96 0.00	38.59 1.79 0.00	41.67 1.83 0.00	37.41 1.44 0.00	26.03 1.10 0.00	26.61 1.02 0.00	24.01 0.79 0.00	21.07 0.57 0.00
WATERSIDE___6 8 9 23538	18.43 1.08 0.00	19.13 0.99 0.00	17.89 0.95 0.00	18.31 0.91 0.00	18.39 1.01 0.00	16.95 1.20 0.00	20.16 1.45 -1.63	21.39 1.79 0.00	24.36 1.96 0.00	26.99 2.05 0.00	27.37 2.00 0.00	23.93 1.59 0.00	29.43 1.83 0.00	31.51 1.95 0.00	32.56 2.03 0.00	26.03 1.80 0.00	25.38 1.92 0.00	39.76 2.95 0.00	42.97 3.13 0.00	38.66 2.69 0.00	26.91 1.99 0.00	27.37 1.78 0.00	24.69 1.47 0.00	21.73 1.23 0.00
WATKINRD_115KV_LN8_IL 55919	17.55 0.20 0.00	18.29 0.14 0.00	17.06 0.13 0.00	17.52 0.12 0.00	17.54 0.16 0.00	16.00 0.26 0.00	17.42 0.35 0.00	20.04 0.43 0.00	22.85 0.45 0.00	25.34 0.40 0.00	25.73 0.36 0.00	22.59 0.24 0.00	27.95 0.36 0.00	29.93 0.37 0.00	30.88 0.35 0.00	24.64 0.41 0.00	23.90 0.42 0.00	37.72 0.92 0.00	40.77 0.93 0.00	36.65 0.68 0.00	25.53 0.60 0.00	26.12 0.54 0.00	23.67 0.45 0.00	20.85 0.36 0.00
WATSON___69_KV_BK 1 55734	19.20 1.70 -0.15	19.77 1.63 0.00	18.47 1.54 0.00	18.92 1.52 0.00	18.99 1.61 0.00	23.91 1.69 -6.47	26.55 1.90 -7.58	23.11 2.19 -1.31	24.92 2.37 -0.15	27.23 2.29 0.00	27.95 2.58 0.00	24.53 2.18 0.00	30.17 2.57 0.00	32.25 2.70 0.00	33.44 2.92 0.00	29.22 2.67 -2.32	30.67 2.73 -4.47	74.38 4.12 -33.46	68.93 3.92 -25.17	52.74 3.62 -13.15	32.60 2.82 -4.85	34.63 2.58 -6.47	26.91 2.07 -1.62	22.20 1.70 0.00
WDELAWARE___HYD 323627	18.03 0.68 0.00	18.73 0.59 0.00	17.54 0.61 0.00	17.98 0.58 0.00	18.04 0.66 0.00	16.57 0.82 0.00	20.01 1.06 -1.87	20.92 1.32 0.00	23.83 1.43 0.00	26.40 1.47 0.00	26.72 1.35 0.00	23.15 0.80 0.00	27.97 0.38 0.00	29.83 0.27 0.00	30.77 0.24 0.00	24.62 0.38 0.00	24.10 0.63 0.00	38.02 1.22 0.00	41.20 1.36 0.00	37.19 1.22 0.00	26.48 1.55 0.00	26.97 1.38 0.00	24.31 1.09 0.00	21.37 0.87 0.00
WEST BABYLON___IC 23714	19.12 1.62 -0.15	19.68 1.54 0.00	18.39 1.46 0.00	18.84 1.43 0.00	18.91 1.53 0.00	18.80 1.62 -1.43	21.86 1.84 -2.95	22.03 2.13 -0.29	24.74 2.31 -0.03	27.18 2.24 0.00	27.88 2.51 0.00	24.45 2.11 0.00	30.08 2.49 0.00	32.15 2.59 0.00	33.33 2.80 0.00	29.11 2.56 -2.31	30.56 2.62 -4.47	48.19 3.98 -7.40	49.28 3.86 -5.57	42.40 3.52 -2.91	28.74 2.74 -1.07	29.51 2.49 -1.43	25.59 2.01 -0.36	22.15 1.65 0.00
WEST CANADA___HYD 24049	17.45 0.10 0.00	18.22 0.07 0.00	16.99 0.06 0.00	17.45 0.05 0.00	17.45 0.07 0.00	15.86 0.12 0.00	17.23 0.16 0.00	19.79 0.18 0.00	22.59 0.20 0.00	25.14 0.20 0.00	25.55 0.18 0.00	22.48 0.13 0.00	27.76 0.17 0.00	29.73 0.18 0.00	30.68 0.15 0.00	24.41 0.17 0.00	23.68 0.21 0.00	37.21 0.40 0.00	40.27 0.43 0.00	36.30 0.33 0.00	25.19 0.26 0.00	25.81 0.22 0.00	23.40 0.18 0.00	20.66 0.16 0.00
WESTERN_NY_WIND 24143	16.33 -1.02 0.00	17.25 -0.89 0.00	16.09 -0.84 0.00	16.54 -0.86 0.00	16.61 -0.77 0.00	15.13 -0.61 0.00	16.29 -0.78 0.00	18.73 -0.88 0.00	21.75 -0.64 0.00	24.63 -0.30 0.00	25.16 -0.21 0.00	22.11 -0.23 0.00	27.51 -0.09 0.00	29.46 -0.10 0.00	30.43 -0.10 0.00	24.11 -0.13 0.00	23.23 -0.25 0.00	36.43 -0.37 0.00	39.65 -0.19 0.00	35.46 -0.51 0.00	24.07 -0.86 0.00	21.98 -1.04 0.00	19.63 -1.24 0.00	-0.87 0.00
WESTOVER___LESR 323668	17.32 -0.03 0.00	18.13 -0.02 0.00	16.87 -0.06 0.00	17.35 -0.06 0.00	17.36 -0.02 0.00	15.80 0.06 0.00	17.99 0.17 -0.75	19.90 0.30 0.00	22.82 0.42 0.00	25.43 0.50 0.00	25.84 0.47 0.00	22.72 0.37 0.00	28.14 0.55 0.00	30.17 0.61 0.00	31.15 0.62 0.00	24.78 0.55 0.00	23.97 0.50 0.00	37.74 0.94 0.00	40.76 0.92 0.00	36.64 0.67 0.00	25.37 0.44 0.00	25.96 0.37 0.00	23.46 0.24 0.00	20.74 0.24 0.00
WETHRSFD_WT_PWR 323626	14.40 -1.75 1.20	13.29 -1.69 3.17	13.03 -1.55 2.36	14.27 -1.59 1.54	12.91 -1.59 2.88	12.66 -1.35 1.74	15.23 -1.55 0.29	17.85 -1.76 0.00	19.36 -1.61 1.42	22.22 -1.21 1.51	21.81 -1.05 2.51	18.45 -0.94 2.96	26.65 -0.94 0.00	28.56 -1.00 0.00	29.59 -0.93 0.00	23.58 -0.65 0.00	21.47 -0.69 1.31	35.34 -1.15 0.31	38.01 -1.18 0.65	34.59 -1.38 0.00	21.78 -1.39 1.76	23.55 -1.56 0.48	20.61 -1.66 0.95	19.27 -1.23 0.00
WHAVSTOR_138KV_BK127 55557	18.30 0.95 0.00	19.00 0.86 0.00	17.75 0.82 0.00	18.19 0.79 0.00	18.26 0.88 0.00	16.78 1.04 0.00	19.91 1.27 -1.57	21.14 1.54 0.00	24.06 1.66 0.00	26.65 1.72 0.00	27.06 1.69 0.00	23.64 1.30 0.00	29.08 1.49 0.00	31.13 1.58 0.00	32.17 1.64 0.00	25.72 1.49 0.00	25.08 1.62 0.00	39.38 2.58 0.00	42.61 2.77 0.00	38.28 2.31 0.00	26.66 1.73 0.00	27.17 1.58 0.00	24.50 1.28 0.00	21.55 1.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.30 0.95 0.00	19.00 0.86 0.00	17.75 0.82 0.00	18.19 0.79 0.00	18.26 0.88 0.00	16.78 1.04 0.00	19.91 1.27 -1.57	21.14 1.54 0.00	24.06 1.66 0.00	26.65 1.72 0.00	27.06 1.69 0.00	23.64 1.30 0.00	29.08 1.49 0.00	31.13 1.58 0.00	32.17 1.64 0.00	25.72 1.49 0.00	25.08 1.62 0.00	39.38 2.58 0.00	42.61 2.77 0.00	38.28 2.31 0.00	26.66 1.73 0.00	27.17 1.58 0.00	24.50 1.28 0.00	21.55 1.06 0.00

WHITEHAL_115KV_TB1 80871	18.20 0.85 0.00	19.01 0.86 0.00	17.76 0.83 0.00	18.32 0.92 0.00	18.32 0.94 0.00	16.72 0.97 0.00	39.06 1.44 -20.55	21.17 1.57 0.00	24.22 1.83 0.00	26.76 1.82 0.00	27.14 1.77 0.00	23.33 0.99 0.00	28.98 1.39 0.00	31.11 1.55 0.00	32.28 1.75 0.00	26.31 2.07 0.00	25.30 1.83 0.00	40.29 3.49 0.00	43.17 3.33 0.00	38.72 2.75 0.00	26.95 2.02 0.00	27.55 1.96 0.00	24.77 1.55 0.00	21.67 1.17 0.00
WHITEPLN_13_KV_LOAD 356215	18.51 1.16 0.00	19.23 1.08 0.00	17.96 1.02 0.00	18.40 0.99 0.00	18.46 1.08 0.00	16.98 1.23 0.00	20.20 1.50 -1.63	21.43 1.82 0.00	24.41 2.01 0.00	27.04 2.11 0.00	27.45 2.08 0.00	24.00 1.66 0.00	29.52 1.92 0.00	31.60 2.04 0.00	32.64 2.11 0.00	26.11 1.88 0.00	25.45 1.99 0.00	40.00 3.20 0.00	43.25 3.41 0.00	38.84 2.87 0.00	27.06 2.13 0.00	27.55 1.97 0.00	24.83 1.61 0.00	21.82 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	19.18 1.68 -0.15	19.74 1.59 0.00	18.45 1.51 0.00	18.89 1.49 0.00	18.97 1.59 0.00	30.47 1.67 -13.05	32.55 1.85 -13.63	24.35 2.10 -2.64	24.94 2.25 -0.31	27.04 2.10 0.00	27.76 2.39 0.00	24.36 2.02 0.00	29.96 2.36 0.00	32.03 2.47 0.00	33.18 2.65 0.00	29.09 2.54 -2.32	30.55 2.61 -4.47	108.24 3.93 -67.50	94.43 3.80 -50.79	65.93 3.43 -26.53	37.38 2.67 -9.79	41.08 2.44 -13.05	28.46 1.98 -3.27	22.12 1.62 0.00
WOODARD__115KV_TB2 355635	16.86 -0.48 0.00	17.62 -0.53 0.00	16.39 -0.54 0.00	16.84 -0.56 0.00	16.84 -0.54 0.00	15.33 -0.41 0.00	16.64 -0.43 0.00	19.15 -0.45 0.00	21.94 -0.45 0.00	24.51 -0.43 0.00	24.93 -0.44 0.00	21.93 -0.41 0.00	27.13 -0.46 0.00	29.17 -0.39 0.00	30.09 -0.44 0.00	23.90 -0.34 0.00	23.15 -0.32 0.00	36.36 -0.44 0.00	39.36 -0.48 0.00	35.38 -0.59 0.00	24.46 -0.47 0.00	25.01 -0.57 0.00	22.61 -0.61 0.00	19.99 -0.51 0.00
YORK__WARBASSE 23770	18.54 1.19 -0.01	19.24 1.10 0.00	17.99 1.06 0.00	18.41 1.01 0.00	18.50 1.12 0.00	17.04 1.29 0.00	20.26 1.55 -1.64	21.51 1.91 0.00	24.48 2.08 0.00	27.12 2.18 0.00	27.50 2.12 0.00	24.10 1.71 -0.05	29.57 1.97 0.00	31.69 2.11 -0.03	32.72 2.19 0.00	26.15 1.91 0.00	25.48 2.01 0.00	39.91 3.10 0.00	43.15 3.30 0.00	38.83 2.86 0.00	71.79 2.11 -44.75	102.02 1.92 -74.51	47.48 1.60 -22.66	21.85 1.35 0.00