

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										05/11/2025		
Generator Data																														
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00					
59TH STREET_GT_1	24138	33.32	30.26	27.85	26.95	28.58	30.13	31.01	30.08	27.07	23.74	22.18	21.02	20.59	22.55	23.18	23.90	25.97	31.27	40.30	49.39	52.77	45.14	37.94	33.29					
		2.41	2.20	2.11	2.02	2.09	2.17	2.27	2.26	2.19	2.02	1.98	1.89	1.76	2.00	1.39	1.71	1.85	2.73	3.26	3.74	3.73	2.83	2.38	2.15					
		-2.22	-3.34	-1.47	-1.15	-1.06	-0.46	0.00	-0.64	0.00	0.00	0.00	-0.79	-2.71	-2.00	-9.52	-6.93	-7.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00					
74TH STREET_GT_1	24260	33.26	30.21	27.80	26.90	28.51	30.04	30.93	30.00	27.00	23.70	22.12	20.95	20.53	23.63	24.76	25.55	25.94	31.27	40.30	49.39	52.63	45.14	37.87	33.20					
		2.35	2.15	2.06	1.97	2.01	2.09	2.18	2.17	2.11	1.98	1.92	1.82	1.69	1.95	1.35	1.65	1.81	2.73	3.26	3.74	3.58	2.83	2.31	2.06					
		-2.22	-3.34	-1.47	-1.15	-1.06	-0.46	0.00	-0.64	0.00	0.00	0.00	-0.79	-2.71	-3.14	-11.14	-8.64	-7.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00					
74TH STREET_GT_2	24261	33.26	30.21	27.80	26.90	28.51	30.04	30.93	30.00	27.00	23.70	22.12	20.95	20.53	23.63	24.76	25.55	25.94	31.27	40.30	49.39	52.63	45.14	37.87	33.20					
		2.35	2.15	2.06	1.97	2.01	2.09	2.18	2.17	2.11	1.98	1.92	1.82	1.69	1.95	1.35	1.65	1.81	2.73	3.26	3.74	3.58	2.83	2.31	2.06					
		-2.22	-3.34	-1.47	-1.15	-1.06	-0.46	0.00	-0.64	0.00	0.00	0.00	-0.79	-2.71	-3.14	-11.14	-8.64	-7.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00					
ADK HUDSON___FALLS	24011	32.93	30.16	27.31	26.38	28.04	29.45	30.12	29.17	25.83	22.37	20.75	19.84	19.93	19.14	21.30	20.92	26.54	29.87	38.82	47.93	51.40	44.29	37.23	32.49					
		1.41	1.19	1.16	1.14	1.25	1.37	1.38	1.17	0.95	0.65	0.55	0.50	0.35	0.39	0.25	0.38	0.50	1.21	1.78	2.28	2.35	1.99	1.67	1.34					
		-2.83	-4.26	-1.88	-1.46	-1.36	-0.58	0.00	-0.81	0.00	0.00	0.00	-1.01	-3.46	-0.20	-8.78	-5.28	-8.92	-0.56	0.00	0.00	0.00	0.00	0.00	0.00					
ADK RESOURCE___RCVRY	23798	32.93	30.16	27.31	26.40	28.06	29.48	30.09	29.20	25.83	22.35	20.73	19.81	19.90	19.10	21.28	20.89	26.52	29.90	38.90	48.06	51.55	44.37	37.30	32.55					
		1.41	1.19	1.16	1.16	1.27	1.40	1.35	1.19	0.95	0.63	0.52	0.46	0.32	0.35	0.22	0.35	0.48	1.24	1.85	2.42	2.50	2.07	1.74	1.40					
		-2.83	-4.26	-1.88	-1.46	-1.36	-0.58	0.00	-0.81	0.00	0.00	0.00	-1.01	-3.46	-0.20	-8.79	-5.28	-8.93	-0.56	0.00	0.00	0.00	0.00	0.00	0.00					
ADK S GLENS___FALLS	24028	32.93	30.16	27.31	26.38	28.04	29.45	30.12	29.17	25.83	22.37	20.75	19.84	19.93	19.14	21.30	20.92	26.54	29.87	38.82	47.93	51.40	44.29	37.23	32.49					
		1.41	1.19	1.16	1.14	1.25	1.37	1.38	1.17	0.95	0.65	0.55	0.50	0.35	0.39	0.25	0.38	0.50	1.21	1.78	2.28	2.35	1.99	1.67	1.34					
		-2.83	-4.26	-1.88	-1.46	-1.36	-0.58	0.00	-0.81	0.00	0.00	0.00	-1.01	-3.46	-0.20	-8.78	-5.28	-8.92	-0.56	0.00	0.00	0.00	0.00	0.00	0.00					
ADK_NYS___DAM	23527	33.04	30.09	27.31	26.42	27.98	29.41	30.18	29.42	26.22	22.79	21.05	20.08	20.13	19.45	21.34	21.10	26.62	30.17	39.01	47.93	50.81	44.22	37.12	32.55					
		1.58	1.21	1.21	1.21	1.22	1.35	1.44	1.44	1.34	1.06	0.85	0.75	0.63	0.70	0.48	0.67	0.77	1.52	1.96	2.28	1.76	1.91	1.56	1.40					
		-2.77	-4.17	-1.84	-1.43	-1.33	-0.57	0.00	-0.80	0.00	0.00	0.00	-0.99	-3.38	-0.20	-8.59	-5.17	-8.73	-0.54	0.00	0.00	0.00	-0.02	0.00	0.00					
AIR_PRODUCTS___DRP	24190	32.05	29.38	26.63	25.72	27.29	28.64	29.34	28.52	25.40	22.13	20.61	19.69	19.77	19.08	21.05	20.72	26.13	29.29	37.79	46.24	49.34	42.64	35.92	31.55					
		0.60	0.52	0.53	0.52	0.53	0.58	0.60	0.54	0.52	0.41	0.40	0.37	0.29	0.33	0.23	0.32	0.33	0.65	0.74	0.59	0.29	0.34	0.36	0.40					
		-2.76	-4.14	-1.82	-1.42	-1.32	-0.56	0.00	-0.79	0.00	0.00	0.00	-0.99	-3.36	-0.19	-8.54	-5.14	-8.68	-0.54	0.00	0.00	0.00	0.00	0.00	0.00					
AKWESSNE_115KV_BK	355683	28.23	24.30	23.93	23.47	25.08	27.11	28.37	26.92	24.61	21.59	20.06	18.17	15.96	18.40	12.09	15.05	16.88	27.88	36.90	45.46	49.24	42.51	35.81	31.21					
		-0.46	-0.42	-0.34	-0.31	-0.36	-0.38	-0.37	-0.27	-0.27	-0.13	-0.14	-0.17	-0.16	-0.15	-0.18	-0.21	-0.24	-0.22	-0.15	-0.18	0.20	0.21	0.25	0.06					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY_1_SOLAR	323833	32.37	29.63	26.88	26.01	27.60	29.07	29.72	28.72	25.45	22.11	20.55	19.58	19.65	18.98	20.83	20.55	25.92	29.31	38.12	46.97	50.27	43.40	36.52	32.05					
		0.98	0.84	0.83	0.83	0.87	1.02	0.98	0.76	0.57	0.39	0.34	0.28	0.23	0.24	0.17	0.24	0.27	0.67	1.07	1.32	1.23	1.10	0.96	0.90					
		-2.71	-4.07	-1.79	-1.40	-1.30	-0.55	0.00	-0.78	0.00	0.00	0.00	-0.97	-3.30	-0.19	-8.39	-5.04	-8.52	-0.53	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY_2_SOLAR	323834	32.37	29.63	26.88	26.01	27.60	29.07	29.69	28.73	25.45	22.11	20.55	19.58	19.65	18.98	20.83	20.55	25.92	29.29	38.12	46.97	50.22	43.40	36.52	32.05					
		0.98	0.84	0.83	0.83	0.87	1.02	0.95	0.76	0.57	0.39	0.34	0.28	0.23	0.24	0.17	0.24	0.27	0.65	1.07	1.32	1.18	1.10	0.96	0.90					
		-2.71	-4.07	-1.79	-1.40	-1.30	-0.55	0.00	-0.78	0.00	0.00	0.00	-0.97	-3.30	-0.19	-8.39	-5.04	-8.52	-0.53	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY___1	23571	32.05	29.38	26.63	25.72	27.29	28.64	29.34	28.52	25.40	22.13	20.61	19.69	19.77	19.08	21.05	20.72	26.13	29.29	37.79	46.24	49.34	42.64	35.92	31.55					
		0.60	0.52	0.53	0.52	0.53	0.58	0.60	0.54	0.52	0.41	0.40	0.37	0.29	0.33	0.23	0.32	0.33	0.65	0.74	0.59	0.29	0.34	0.36	0.40					
		-2.76	-4.14	-1.82	-1.42	-1.32	-0.56	0.00	-0.79	0.00	0.00	0.00	-0.99	-3.36	-0.19	-8.54	-5.14	-8.68	-0.54	0.00	0.00	0.00	0.00	0.00	0.00					

ALBANY___2 23572	32.05 0.60 -2.76	29.38 0.52 -4.14	26.63 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.64 0.58 -0.56	29.34 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.77 0.29 -3.36	19.08 0.33 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.13 0.33 -8.68	29.29 0.65 -0.54	37.79 0.74 0.00	46.24 0.59 0.00	49.34 0.29 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
ALBANY___3 23573	32.05 0.60 -2.76	29.38 0.52 -4.14	26.63 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.64 0.58 -0.56	29.34 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.77 0.29 -3.36	19.08 0.33 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.13 0.33 -8.68	29.29 0.65 -0.54	37.79 0.74 0.00	46.24 0.59 0.00	49.34 0.29 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
ALBANY___4 23574	32.05 0.60 -2.76	29.38 0.52 -4.14	26.63 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.64 0.58 -0.56	29.34 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.77 0.29 -3.36	19.08 0.33 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.13 0.33 -8.68	29.29 0.65 -0.54	37.79 0.74 0.00	46.24 0.59 0.00	49.34 0.29 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
ALBANY___LFGE 323615	32.30 0.83 -2.78	29.61 0.72 -4.18	26.81 0.70 -1.84	25.92 0.71 -1.43	27.50 0.74 -1.33	28.86 0.80 -0.57	29.54 0.80 0.00	28.72 0.73 -0.80	25.55 0.67 0.00	22.26 0.54 0.00	20.71 0.51 0.00	19.79 0.46 -0.99	19.90 0.39 -3.39	19.17 0.43 -0.20	21.18 0.29 -8.61	20.83 0.40 -5.18	26.30 0.43 -8.75	29.49 0.84 -0.54	38.08 1.04 0.00	46.65 1.00 0.00	49.78 0.74 0.00	43.02 0.72 0.00	36.23 0.67 0.00	31.80 0.66 0.00
ALCOA_PA_115KV_PL-6C 55860	28.20 -0.49 0.00	24.30 -0.42 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.05 -0.38 0.00	27.09 -0.41 0.00	28.37 -0.37 0.00	26.92 -0.27 0.00	24.58 -0.30 0.00	21.57 -0.15 0.00	20.02 -0.18 0.00	18.14 -0.20 0.00	15.93 -0.19 0.00	18.36 -0.19 0.00	12.05 -0.22 0.00	15.02 -0.24 0.00	16.85 -0.27 0.00	27.85 -0.25 0.00	36.90 -0.15 0.00	45.51 -0.14 0.00	49.39 0.34 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.33 0.19 0.00
ALCOA_RYNLDS___DRP 24188	28.20 -0.49 0.00	24.30 -0.42 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.05 -0.38 0.00	27.09 -0.41 0.00	28.37 -0.37 0.00	26.92 -0.27 0.00	24.58 -0.30 0.00	21.57 -0.15 0.00	20.02 -0.18 0.00	18.14 -0.20 0.00	15.93 -0.19 0.00	18.36 -0.19 0.00	12.05 -0.22 0.00	15.02 -0.24 0.00	16.85 -0.27 0.00	27.85 -0.25 0.00	36.90 -0.15 0.00	45.51 -0.14 0.00	49.39 0.34 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.33 0.19 0.00
ALCOA___DSASP 323711	28.20 -0.49 0.00	24.29 -0.42 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.05 -0.38 0.00	27.09 -0.41 0.00	28.34 -0.40 0.00	26.86 -0.33 0.00	24.58 -0.30 0.00	21.57 -0.15 0.00	20.00 -0.20 0.00	18.14 -0.20 0.00	15.93 -0.19 0.00	18.38 -0.17 0.00	12.05 -0.22 0.00	15.01 -0.24 0.00	16.85 -0.27 0.00	27.85 -0.25 0.00	36.90 -0.15 0.00	45.51 -0.14 0.00	49.39 0.35 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.33 0.19 0.00
ALLEGHENY___COGEN 23514	29.08 0.00 -0.39	25.43 0.12 -0.59	24.60 0.07 -0.26	24.05 0.07 -0.20	25.47 -0.15 -0.19	27.41 -0.16 -0.08	28.54 -0.20 0.00	26.86 -0.44 -0.11	23.91 -0.97 0.00	20.46 -1.26 0.00	18.87 -1.33 0.00	17.23 -1.25 -0.14	15.58 -1.02 -0.48	17.18 -1.39 -0.03	12.91 -0.58 -1.21	15.27 -0.72 -0.73	17.62 -0.74 -1.23	26.72 -1.46 -0.08	35.49 -1.55 0.00	44.73 -0.91 0.00	48.31 -0.73 0.00	41.62 -0.68 0.00	35.06 -0.50 0.00	30.77 -0.37 0.00
ALTAMONT_115KV_TB 2 55880	32.36 0.92 -2.75	29.64 0.79 -4.14	26.86 0.78 -1.82	25.96 0.76 -1.42	27.57 0.81 -1.32	28.91 0.85 -0.56	29.63 0.89 0.00	28.79 0.82 -0.79	25.63 0.75 0.00	22.35 0.63 0.00	20.79 0.59 0.00	19.85 0.53 -0.98	19.95 0.47 -3.36	19.28 0.54 -0.19	21.17 0.37 -8.53	20.85 0.46 -5.13	26.30 0.51 -8.66	29.55 0.90 -0.54	38.16 1.11 0.00	46.93 1.28 0.00	50.13 1.08 0.00	43.28 0.97 0.00	36.38 0.82 0.00	31.89 0.75 0.00
ALTONA_WT_PWR 323606	28.20 -0.49 0.00	24.37 -0.35 0.00	24.05 -0.22 0.00	23.61 -0.17 0.00	25.20 -0.23 0.00	27.28 -0.22 0.00	28.57 -0.17 0.00	27.08 -0.11 0.00	24.81 -0.07 0.00	21.76 0.04 0.00	20.16 -0.04 0.00	18.28 -0.05 0.00	16.06 -0.06 0.00	18.51 -0.04 0.00	12.15 -0.12 0.00	15.12 -0.14 0.00	16.97 -0.15 0.00	28.08 -0.03 0.00	37.19 0.15 0.00	45.88 0.23 0.00	49.68 0.64 0.00	42.85 0.55 0.00	36.06 0.50 0.00	31.39 0.25 0.00
AMERICAN_REF_FUEL 24010	26.82 -2.21 -0.34	23.50 -1.73 -0.52	22.77 -1.72 -0.23	22.24 -1.71 -0.18	23.46 -2.14 -0.17	25.04 -2.53 -0.07	26.13 -2.62 0.00	24.73 -2.56 -0.10	22.27 -2.61 0.00	19.22 -2.50 0.00	17.72 -2.49 0.00	16.30 -2.16 -0.12	14.83 -1.71 -0.42	16.29 -2.28 -0.02	12.30 -1.04 -1.07	14.54 -1.36 -0.64	16.68 -1.52 -1.09	24.89 -3.29 -0.07	32.27 -4.78 0.00	39.94 -5.71 0.00	42.72 -6.33 0.00	37.10 -5.20 0.00	31.69 -3.88 0.00	28.28 -2.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.82 -1.26 -0.39	24.39 -0.91 -0.59	23.63 -0.90 -0.26	23.05 -0.93 -0.20	24.32 -1.30 -0.19	26.18 -1.40 -0.08	27.28 -1.46 0.00	25.83 -1.47 -0.11	23.36 -1.52 0.00	20.18 -1.54 0.00	18.65 -1.56 0.00	17.03 -1.45 -0.14	15.48 -1.11 -0.48	16.98 -1.60 -0.03	12.86 -0.61 -1.21	15.19 -0.79 -0.73	17.53 -0.82 -1.23	26.02 -2.16 -0.08	34.08 -2.96 0.00	42.36 -3.29 0.00	45.22 -3.83 0.00	39.05 -3.26 0.00	33.04 -2.52 0.00	29.12 -2.02 0.00
ARTHUR KILL_GT_1 23520	33.30 2.38 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.87 2.13 0.00	29.89 2.07 -0.64	26.85 1.97 0.00	23.57 1.85 0.00	22.00 1.80 0.00	20.87 1.74 -0.79	20.49 1.63 -2.74	23.12 1.76 -2.81	27.56 1.23 -14.06	31.44 1.50 -14.68	25.83 1.66 -7.05	46.40 2.47 -15.81	46.97 2.89 -7.04	49.03 3.33 -0.05	52.04 2.99 0.00	47.52 2.41 -2.80	37.51 1.92 -0.03	33.13 1.96 -0.02
ARTHUR_KILL_2 23512	33.21 2.30 -2.23	30.22 2.15 -3.35	27.83 2.09 -1.48	26.90 1.97 -1.15	28.57 2.06 -1.07	30.07 2.12 -0.46	30.81 2.07 0.00	29.87 2.04 -0.64	26.77 1.89 0.00	23.52 1.80 0.00	21.98 1.78 0.00	20.84 1.71 -0.79	20.46 1.60 -2.74	23.04 1.69 -2.81	27.52 1.19 -14.06	31.40 1.47 -14.68	25.80 1.63 -7.05	46.34 2.42 -15.81	46.86 2.78 -7.04	48.89 3.19 -0.05	51.88 2.84 0.01	47.43 2.33 -2.80	37.40 1.81 -0.03	33.07 1.90 -0.02
ARTHUR_KILL_3 23513	33.03 2.12 -2.22	30.01 1.95 -3.34	27.63 1.89 -1.47	26.68 1.76 -1.15	28.30 1.81 -1.06	29.85 1.90 -0.46	30.70 1.96 0.00	29.84 2.01 -0.64	26.83 1.94 0.00	23.55 1.82 0.00	22.02 1.82 0.00	20.84 1.71 -0.80	20.45 1.60 -2.74	23.17 1.82 -2.80	27.60 1.28 -14.06	31.50 1.57 -14.67	25.87 1.71 -7.04	46.45 2.53 -15.81	47.04 2.96 -7.03	49.06 3.38 -0.04	52.14 3.09 0.00	47.55 2.45 -2.79	37.61 2.03 -0.02	32.93 1.77 -0.01

ARTHUR_KILL_COGEN 323718	33.30 2.38 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.95 2.12 -0.64	26.85 1.97 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.89 1.76 -0.79	20.49 1.63 -2.74	23.10 1.74 -2.81	27.56 1.23 -14.06	31.44 1.50 -14.68	25.83 1.66 -7.05	46.40 2.47 -15.81	46.97 2.89 -7.04	49.02 3.33 -0.05	52.03 2.99 0.01	47.51 2.41 -2.80	37.51 1.92 -0.03	33.13 1.96 -0.02
ASHOKAN____ 23654	31.60 0.40 -2.51	28.87 0.37 -3.78	26.22 0.29 -1.66	25.38 0.31 -1.30	26.97 0.33 -1.20	29.55 1.54 -0.51	30.21 1.47 0.00	29.21 1.30 -0.72	25.90 1.02 0.00	22.48 0.76 0.00	20.85 0.65 0.00	19.24 0.00 -0.90	19.27 0.08 -3.07	18.98 0.26 -0.18	20.14 0.07 -7.79	20.04 0.09 -4.68	25.19 0.15 -7.91	28.99 0.39 -0.49	39.04 2.00 0.00	48.06 2.42 0.00	51.26 2.21 0.00	44.25 1.95 0.00	37.23 1.67 0.00	32.61 1.46 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.33 2.41 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.91 2.04 0.01	23.64 1.91 -0.01	22.09 1.88 -0.01	20.94 1.80 -0.80	20.52 1.68 -2.72	23.03 1.87 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.91 1.78 -7.01	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.03 2.99 0.01	44.70 2.41 0.01	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.33 2.41 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.91 2.04 0.01	23.64 1.91 -0.01	22.11 1.90 -0.01	20.94 1.80 -0.80	20.52 1.68 -2.72	23.05 1.89 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.93 1.80 -7.01	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.03 2.99 0.01	44.70 2.41 0.01	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT2_1 24094	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT2_2 24095	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT2_3 24096	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT2_4 24097	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT3_1 24098	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT3_2 24099	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT3_3 24100	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT3_4 24101	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT4_1 24102	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT4_2 24103	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT4_3 24104	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00

ASTORIA_GT4_4 24105	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	29.85 1.90 -0.46	30.70 1.95 0.00	29.84 2.01 -0.64	26.92 2.04 0.00	23.65 1.91 -0.02	22.10 1.88 -0.02	20.94 1.80 -0.81	20.53 1.68 -2.73	23.07 1.91 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.94 1.80 -7.02	31.13 2.59 -0.44	39.97 2.93 0.00	48.98 3.33 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA_GT_1 23523	33.39 2.47 -2.23	30.32 2.25 -3.35	27.93 2.18 -1.48	27.00 2.07 -1.15	28.67 2.16 -1.07	29.91 1.95 -0.46	30.72 1.98 0.00	29.86 2.04 -0.64	26.97 2.09 0.00	23.69 1.95 -0.02	22.12 1.90 -0.02	20.98 1.83 -0.81	20.56 1.71 -2.73	23.10 1.95 -2.61	24.00 1.35 -10.38	24.75 1.65 -7.84	25.95 1.81 -7.02	31.19 2.64 -0.44	40.04 3.00 0.00	49.07 3.42 0.00	52.19 3.14 0.00	44.80 2.50 0.00	37.55 1.99 0.00	33.08 1.93 0.00
ASTORIA_GT_10 24110	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.91 1.97 -1.15	28.54 2.03 -1.07	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.58 1.89 -3.14	24.71 1.30 -11.14	25.51 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.12 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
ASTORIA_GT_11 24225	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.91 1.97 -1.15	28.54 2.03 -1.07	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.58 1.89 -3.14	24.71 1.30 -11.14	25.51 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.12 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
ASTORIA_GT_12 24226	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.91 1.97 -1.15	28.54 2.03 -1.07	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.58 1.89 -3.14	24.71 1.30 -11.14	25.51 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.12 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
ASTORIA_GT_13 24227	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.91 1.97 -1.15	28.54 2.03 -1.07	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.58 1.89 -3.14	24.71 1.30 -11.14	25.51 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.12 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
ASTORIA_GT_5 24106	33.39 2.47 -2.23	30.32 2.25 -3.35	27.93 2.18 -1.48	27.00 2.07 -1.15	28.67 2.16 -1.07	29.91 1.95 -0.46	30.72 1.98 0.00	29.86 2.04 -0.64	26.97 2.09 0.00	23.69 1.95 -0.02	22.12 1.90 -0.02	20.98 1.83 -0.81	20.56 1.71 -2.73	23.10 1.95 -2.61	24.00 1.35 -10.38	24.75 1.65 -7.84	25.95 1.81 -7.02	31.19 2.64 -0.44	40.04 3.00 0.00	49.07 3.42 0.00	52.19 3.14 0.00	44.80 2.50 0.00	37.55 1.99 0.00	33.08 1.93 0.00
ASTORIA_GT_7 24107	33.39 2.47 -2.23	30.32 2.25 -3.35	27.93 2.18 -1.48	27.00 2.07 -1.15	28.67 2.16 -1.07	29.91 1.95 -0.46	30.72 1.98 0.00	29.86 2.04 -0.64	26.97 2.09 0.00	23.69 1.95 -0.02	22.12 1.90 -0.02	20.98 1.83 -0.81	20.56 1.71 -2.73	23.10 1.95 -2.61	24.00 1.35 -10.38	24.75 1.65 -7.84	25.95 1.81 -7.02	31.19 2.64 -0.44	40.04 3.00 0.00	49.07 3.42 0.00	52.19 3.14 0.00	44.80 2.50 0.00	37.55 1.99 0.00	33.08 1.93 0.00
ASTORIA_GT_8 24108	33.39 2.47 -2.23	30.32 2.25 -3.35	27.93 2.18 -1.48	27.00 2.07 -1.15	28.67 2.16 -1.07	29.91 1.95 -0.46	30.72 1.98 0.00	29.86 2.04 -0.64	26.97 2.09 0.00	23.69 1.95 -0.02	22.12 1.90 -0.02	20.98 1.83 -0.81	20.56 1.71 -2.73	23.10 1.95 -2.61	24.00 1.35 -10.38	24.75 1.65 -7.84	25.95 1.81 -7.02	31.19 2.64 -0.44	40.04 3.00 0.00	49.07 3.42 0.00	52.19 3.14 0.00	44.80 2.50 0.00	37.55 1.99 0.00	33.08 1.93 0.00
ASTORIA___2 24149	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.91 2.04 0.01	23.64 1.91 -0.01	22.11 1.90 -0.01	20.94 1.80 -0.80	20.52 1.68 -2.72	23.05 1.89 -2.61	23.98 1.33 -10.38	24.72 1.62 -7.84	25.93 1.80 -7.01	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.08 3.04 0.01	44.70 2.41 0.01	37.48 1.92 0.00	33.01 1.87 0.00
ASTORIA___3 23516	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.90 1.97 -1.15	28.54 2.04 -1.07	30.04 2.09 -0.46	30.81 2.07 0.00	29.95 2.12 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.50 1.66 -2.71	23.54 1.85 -3.14	24.71 1.30 -11.14	25.50 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.11 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
ASTORIA___4 23517	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.91 1.97 -1.15	28.54 2.03 -1.07	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.58 1.89 -3.14	24.71 1.30 -11.14	25.51 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.12 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
ASTORIA___5 23518	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.90 1.97 -1.15	28.54 2.04 -1.07	30.04 2.09 -0.46	30.81 2.07 0.00	29.95 2.12 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.50 1.66 -2.71	23.54 1.85 -3.14	24.71 1.30 -11.14	25.50 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.11 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
AST_ENERGY_2_CC3 323677	33.09 2.18 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.99 2.03 -0.46	30.81 2.07 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.00 1.85 -2.60	23.94 1.30 -10.37	24.68 1.59 -7.83	25.85 1.73 -7.00	31.07 2.53 -0.44	37.24 2.96 2.77	43.35 3.43 5.72	41.02 3.19 11.21	39.12 2.54 5.72	37.24 2.06 0.38	33.01 1.87 0.00
AST_ENERGY_2_CC4 323678	33.09 2.18 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.99 2.03 -0.46	30.81 2.07 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.00 1.85 -2.60	23.94 1.30 -10.37	24.68 1.59 -7.83	25.85 1.73 -7.00	31.07 2.53 -0.44	37.24 2.96 2.77	43.35 3.43 5.72	41.02 3.19 11.21	39.12 2.54 5.72	37.24 2.06 0.38	33.01 1.87 0.00

ATHENS_STG_1 23668	32.38	29.52	26.96	26.09	27.70	29.16	29.92	29.01	25.97	22.70	21.13	20.08	19.93	19.61	20.53	20.62	25.71	29.94	38.67	47.52	50.71	43.70	36.70	32.17
	1.23	1.11	1.07	1.05	1.09	1.15	1.18	1.12	1.09	0.98	0.93	0.86	0.81	0.89	0.64	0.78	0.86	1.35	1.63	1.87	1.67	1.39	1.14	1.03
	-2.46	-3.70	-1.63	-1.27	-1.18	-0.50	0.00	-0.71	0.00	0.00	0.00	-0.88	-3.00	-0.17	-7.62	-4.58	-7.74	-0.48	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	32.38	29.52	26.96	26.09	27.70	29.16	29.92	29.01	25.97	22.70	21.13	20.08	19.93	19.61	20.53	20.62	25.71	29.94	38.67	47.52	50.71	43.70	36.70	32.17
	1.23	1.11	1.07	1.05	1.09	1.15	1.18	1.12	1.09	0.98	0.93	0.86	0.81	0.89	0.64	0.78	0.86	1.35	1.63	1.87	1.67	1.39	1.14	1.03
	-2.46	-3.70	-1.63	-1.27	-1.18	-0.50	0.00	-0.71	0.00	0.00	0.00	-0.88	-3.00	-0.17	-7.62	-4.58	-7.74	-0.48	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	32.38	29.52	26.96	26.09	27.70	29.16	29.92	29.01	25.97	22.70	21.13	20.08	19.93	19.61	20.53	20.62	25.71	29.94	38.67	47.52	50.71	43.70	36.70	32.17
	1.23	1.11	1.07	1.05	1.09	1.15	1.18	1.12	1.09	0.98	0.93	0.86	0.81	0.89	0.64	0.78	0.86	1.35	1.63	1.87	1.67	1.39	1.14	1.03
	-2.46	-3.70	-1.63	-1.27	-1.18	-0.50	0.00	-0.71	0.00	0.00	0.00	-0.88	-3.00	-0.17	-7.62	-4.58	-7.74	-0.48	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	28.78	25.01	24.30	23.75	25.36	27.33	28.54	26.99	24.56	21.31	19.80	18.06	16.14	18.16	12.92	15.55	17.73	27.71	36.49	45.14	48.46	41.79	35.06	30.71
	-0.17	-0.10	-0.15	-0.17	-0.20	-0.22	-0.20	-0.27	-0.32	-0.41	-0.40	-0.37	-0.31	-0.41	-0.17	-0.20	-0.22	-0.45	-0.56	-0.50	-0.59	-0.51	-0.50	-0.44
	-0.26	-0.40	-0.18	-0.14	-0.13	-0.05	0.00	-0.08	0.00	0.00	0.00	-0.09	-0.32	-0.02	-0.82	-0.49	-0.83	-0.05	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	38.40	30.76	28.37	27.43	29.13	30.74	31.59	30.54	27.37	24.10	22.72	21.10	20.65	20.92	21.40	23.73	38.76	47.70	50.12	53.43	58.19	47.99	38.72	33.86
	2.98	2.67	2.62	2.50	2.62	2.78	2.85	2.72	2.49	2.37	2.16	1.96	1.81	2.04	1.42	1.72	1.92	2.81	3.37	3.88	3.73	3.05	3.06	2.71
	-6.73	-3.37	-1.48	-1.16	-1.07	-0.47	0.00	-0.64	0.00	-0.01	-0.35	-0.80	-2.72	-0.33	-7.71	-6.74	-19.72	-16.78	-9.71	-3.90	-5.42	-2.64	-0.10	-0.01
BALL_HILL_WT_PWR 323825	27.57	24.17	23.43	22.88	24.14	25.95	27.05	25.61	23.09	19.96	18.42	16.82	15.31	16.81	12.71	15.00	17.28	25.74	33.67	41.81	44.68	38.71	32.86	29.12
	-1.49	-1.11	-1.09	-1.09	-1.48	-1.62	-1.70	-1.69	-1.79	-1.76	-1.78	-1.65	-1.27	-1.76	-0.74	-0.96	-1.03	-2.45	-3.37	-3.83	-4.37	-3.60	-2.70	-2.02
	-0.38	-0.57	-0.25	-0.20	-0.18	-0.08	0.00	-0.11	0.00	0.00	0.00	-0.14	-0.46	-0.03	-1.17	-0.70	-1.19	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS____WT_PWR 323822	28.36	24.88	24.02	23.47	24.89	26.78	27.91	26.33	23.71	20.48	18.97	17.34	15.80	17.32	13.29	15.50	17.96	26.61	35.04	43.73	46.84	40.44	34.07	29.99
	-0.83	-0.59	-0.58	-0.57	-0.79	-0.82	-0.83	-1.01	-1.17	-1.24	-1.23	-1.17	-0.94	-1.26	-0.55	-0.70	-0.75	-1.60	-2.00	-1.92	-2.21	-1.86	-1.49	-1.15
	-0.51	-0.76	-0.33	-0.26	-0.24	-0.10	0.00	-0.15	0.00	0.00	0.00	-0.18	-0.62	-0.04	-1.57	-0.94	-1.59	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_10 23701	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_11 23702	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_12 23703	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_2 23705	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_3 23706	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_4 23707	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01
BARRETT_IC_5 23708	37.29	30.36	28.00	27.12	28.80	30.35	31.24	30.22	27.09	23.84	22.43	20.94	20.49	20.67	21.16	23.30	37.57	45.85	45.53	49.01	52.11	46.86	38.10	33.43
	2.47	2.27	2.26	2.19	2.29	2.39	2.50	2.39	2.21	2.11	1.90	1.80	1.65	1.82	1.26	1.51	1.68	2.42	2.89	3.33	3.04	2.45	2.45	2.27
	-6.13	-3.37	-1.48	-1.16	-1.07	-0.46	0.00	-0.64	0.00	-0.01	-0.33	-0.80	-2.72	-0.30	-7.63	-6.53	-18.78	-15.33	-5.59	-0.03	-0.02	-2.10	-0.09	-0.01

BARRETT_IC_6 23709	37.29 2.47 -6.13	30.36 2.27 -3.37	28.00 2.26 -1.48	27.12 2.19 -1.16	28.80 2.29 -1.07	30.35 2.39 -0.46	31.24 2.50 0.00	30.22 2.39 -0.64	27.09 2.21 0.00	23.84 2.11 -0.01	22.43 1.90 -0.33	20.94 1.80 -0.80	20.49 1.65 -2.72	20.67 1.82 -0.30	21.16 1.26 -7.63	23.30 1.51 -6.53	37.57 1.68 -18.78	45.85 2.42 -15.33	45.53 2.89 -5.59	49.01 3.33 -0.03	52.11 3.04 -0.02	46.86 2.45 -2.10	38.10 2.45 -0.09	33.43 2.27 -0.01
BARRETT_IC_7 23710	37.29 2.47 -6.13	30.36 2.27 -3.37	28.00 2.26 -1.48	27.12 2.19 -1.16	28.80 2.29 -1.07	30.30 2.34 -0.46	31.21 2.47 0.00	30.16 2.34 -0.64	27.10 2.21 0.00	23.85 2.13 0.00	22.41 1.88 -0.33	20.94 1.80 -0.80	20.49 1.64 -2.72	20.69 1.84 -0.30	21.16 1.26 -7.63	23.30 1.51 -6.53	37.57 1.68 -18.78	45.88 2.45 -15.33	45.53 2.89 -5.59	49.01 3.33 -0.03	52.11 3.04 -0.02	46.86 2.45 -2.10	38.10 2.45 -0.09	33.43 2.27 -0.01
BARRETT_IC_8 23711	37.29 2.47 -6.13	30.36 2.27 -3.37	28.00 2.26 -1.48	27.12 2.19 -1.16	28.80 2.29 -1.07	30.35 2.39 -0.46	31.24 2.50 0.00	30.22 2.39 -0.64	27.09 2.21 0.00	23.84 2.11 -0.01	22.43 1.90 -0.33	20.94 1.80 -0.80	20.49 1.65 -2.72	20.67 1.82 -0.30	21.16 1.26 -7.63	23.30 1.51 -6.53	37.57 1.68 -18.78	45.85 2.42 -15.33	45.53 2.89 -5.59	49.01 3.33 -0.03	52.11 3.04 -0.02	46.86 2.45 -2.10	38.10 2.45 -0.09	33.43 2.27 -0.01
BARRETT_IC_9 23700	37.29 2.47 -6.13	30.36 2.27 -3.37	28.00 2.26 -1.48	27.12 2.19 -1.16	28.80 2.29 -1.07	30.35 2.39 -0.46	31.24 2.50 0.00	30.22 2.39 -0.64	27.09 2.21 0.00	23.84 2.11 -0.01	22.43 1.90 -0.33	20.94 1.80 -0.80	20.49 1.65 -2.72	20.67 1.82 -0.30	21.16 1.26 -7.63	23.30 1.51 -6.53	37.57 1.68 -18.78	45.85 2.42 -15.33	45.53 2.89 -5.59	49.01 3.33 -0.03	52.11 3.04 -0.02	46.86 2.45 -2.10	38.10 2.45 -0.09	33.43 2.27 -0.01
BARRETT___1 23545	37.29 2.47 -6.13	30.36 2.27 -3.37	28.00 2.26 -1.48	27.12 2.19 -1.16	28.80 2.29 -1.07	30.35 2.39 -0.46	31.24 2.50 0.00	30.22 2.39 -0.64	27.09 2.21 0.00	23.84 2.11 -0.01	22.43 1.90 -0.33	20.94 1.80 -0.80	20.49 1.65 -2.72	20.67 1.82 -0.30	21.16 1.26 -7.63	23.30 1.51 -6.53	37.57 1.68 -18.78	45.85 2.42 -15.33	45.53 2.89 -5.59	49.01 3.33 -0.03	52.11 3.04 -0.02	46.86 2.45 -2.10	38.10 2.45 -0.09	33.43 2.27 -0.01
BARRETT___2 23546	37.29 2.47 -6.13	30.36 2.27 -3.37	28.00 2.26 -1.48	27.12 2.19 -1.16	28.80 2.29 -1.07	30.35 2.39 -0.46	31.24 2.50 0.00	30.22 2.39 -0.64	27.09 2.21 0.00	23.84 2.11 -0.01	22.43 1.90 -0.33	20.94 1.80 -0.80	20.49 1.65 -2.72	20.67 1.82 -0.30	21.16 1.26 -7.63	23.30 1.51 -6.53	37.57 1.68 -18.78	45.85 2.42 -15.33	45.53 2.89 -5.59	49.01 3.33 -0.03	52.11 3.04 -0.02	46.86 2.45 -2.10	38.10 2.45 -0.09	33.43 2.27 -0.01
BATAVIA___115KV_TB1 55881	28.03 -0.98 -0.31	24.52 -0.67 -0.47	23.75 -0.73 -0.21	23.23 -0.71 -0.16	24.54 -1.04 -0.15	26.32 -1.24 -0.06	27.33 -1.41 0.00	25.62 -1.66 -0.09	23.29 -1.59 0.00	19.98 -1.74 0.00	18.50 -1.70 0.00	16.98 -1.47 -0.11	15.36 -1.14 -0.38	17.09 -1.48 -0.02	12.61 -0.64 -0.98	15.01 -0.84 -0.59	17.20 -0.91 -0.99	26.01 -2.16 -0.06	34.04 -3.00 0.00	42.41 -3.24 0.00	45.56 -3.48 0.00	39.38 -2.92 0.00	33.46 -2.10 0.00	29.59 -1.56 0.00
BAYONEEC___CTG1 323682	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG10 323750	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG2 323683	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG3 323684	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG4 323685	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG5 323686	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG6 323687	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG7 323688	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00

BAYONEEC___CTG8 323689	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BAYONEEC___CTG9 323749	33.12 2.21 -2.22	30.09 2.03 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.06 1.86 0.00	20.88 1.74 -0.80	20.47 1.63 -2.72	23.19 1.84 -2.80	24.74 1.29 -11.18	25.98 1.59 -9.14	25.86 1.73 -7.01	33.48 2.58 -2.79	41.16 3.04 -1.08	49.12 3.47 -0.01	52.34 3.29 0.00	45.31 2.58 -0.43	37.70 2.13 -0.01	33.05 1.90 0.00
BEACON___LESR 323632	32.42 0.98 -2.75	29.70 0.84 -4.14	26.89 0.80 -1.82	26.01 0.81 -1.42	27.62 0.87 -1.32	29.00 0.94 -0.56	29.69 0.95 0.00	28.85 0.87 -0.79	25.68 0.80 0.00	22.33 0.61 0.00	20.79 0.59 0.00	19.85 0.53 -0.98	19.90 0.42 -3.36	19.21 0.46 -0.19	21.13 0.32 -8.54	20.84 0.44 -5.13	26.27 0.48 -8.67	29.60 0.96 -0.54	38.26 1.22 0.00	46.92 1.28 0.00	50.12 1.08 0.00	43.28 0.97 0.00	36.41 0.85 0.00	31.99 0.84 0.00
BEAVER RIVER___HYD 24048	27.82 -0.95 -0.08	24.07 -0.77 -0.12	23.54 -0.78 -0.05	23.08 -0.74 -0.04	24.76 -0.71 -0.04	26.77 -0.74 -0.02	27.97 -0.77 0.00	26.42 -0.79 -0.02	24.14 -0.75 0.00	20.94 -0.78 0.00	19.39 -0.81 0.00	17.61 -0.75 -0.03	15.53 -0.69 -0.10	17.74 -0.82 -0.01	11.96 -0.56 -0.25	14.76 -0.66 -0.15	16.71 -0.67 -0.26	27.22 -0.90 -0.02	36.41 -0.63 0.00	45.33 -0.32 0.00	49.10 0.05 0.00	42.26 -0.04 0.00	35.38 -0.18 0.00	30.80 -0.34 0.00
BEEBEE_GT_13 23619	28.19 -0.77 -0.27	24.56 -0.57 -0.41	23.84 -0.61 -0.18	23.32 -0.59 -0.14	24.73 -0.84 -0.13	26.56 -0.99 -0.06	27.56 -1.18 0.00	25.99 -1.28 -0.08	23.64 -1.24 0.00	20.40 -1.32 0.00	18.93 -1.27 0.00	17.41 -1.03 -0.10	15.65 -0.81 -0.33	17.47 -1.09 -0.02	12.67 -0.44 -0.85	15.19 -0.58 -0.51	17.33 -0.65 -0.86	26.59 -1.57 -0.05	34.71 -2.33 0.00	43.05 -2.60 0.00	46.20 -2.84 0.00	39.89 -2.41 0.00	33.78 -1.78 0.00	29.81 -1.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.44 2.52 -2.23	30.39 2.32 -3.35	27.98 2.23 -1.48	27.05 2.12 -1.15	28.69 2.19 -1.07	30.13 2.17 -0.46	30.98 2.24 0.00	30.00 2.17 -0.64	27.00 2.11 0.00	23.72 2.00 0.00	22.14 1.94 0.00	21.00 1.87 -0.79	20.61 1.74 -2.74	23.65 1.97 -3.14	30.01 1.36 -16.37	35.64 1.66 -18.72	26.03 1.85 -7.06	55.01 2.78 -24.12	51.13 3.26 -10.82	49.49 3.79 -0.06	52.53 3.48 0.00	49.44 2.83 -4.30	37.83 2.24 -0.03	33.29 2.12 -0.02
BETHLEHEM___GRP 23843	32.05 0.60 -2.76	29.38 0.52 -4.14	26.63 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.64 0.58 -0.56	29.34 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.77 0.29 -3.36	19.08 0.33 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.13 0.33 -8.68	29.29 0.65 -0.54	37.79 0.74 0.00	46.24 0.59 0.00	49.34 0.29 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
BETHLEHEM___GS1 323560	32.05 0.60 -2.76	29.38 0.52 -4.14	26.62 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.67 0.60 -0.56	29.35 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.78 0.29 -3.36	19.06 0.32 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.12 0.32 -8.68	29.30 0.65 -0.54	37.78 0.74 0.00	46.24 0.59 0.00	49.34 0.30 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
BETHLEHEM___GS2 323561	32.05 0.60 -2.76	29.38 0.52 -4.14	26.62 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.67 0.60 -0.56	29.35 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.78 0.29 -3.36	19.06 0.32 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.12 0.32 -8.68	29.30 0.65 -0.54	37.78 0.74 0.00	46.24 0.59 0.00	49.34 0.30 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
BETHLEHEM___GS3 323562	32.05 0.60 -2.76	29.38 0.52 -4.14	26.62 0.53 -1.82	25.72 0.52 -1.42	27.29 0.53 -1.32	28.67 0.60 -0.56	29.35 0.60 0.00	28.52 0.54 -0.79	25.40 0.52 0.00	22.13 0.41 0.00	20.61 0.40 0.00	19.69 0.37 -0.99	19.78 0.29 -3.36	19.06 0.32 -0.19	21.05 0.23 -8.54	20.72 0.32 -5.14	26.12 0.32 -8.68	29.30 0.65 -0.54	37.78 0.74 0.00	46.24 0.59 0.00	49.34 0.30 0.00	42.64 0.34 0.00	35.92 0.36 0.00	31.55 0.40 0.00
BETHLEHEM___STEEL 23779	27.40 -1.66 -0.37	24.01 -1.26 -0.56	23.27 -1.24 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.65 -1.92 -0.08	26.82 -1.93 0.00	24.90 -2.39 -0.11	22.92 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.90 -1.67 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.13 -1.16 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
BETHLHEM_115KV_TB1 79974	32.13 0.69 -2.75	29.45 0.59 -4.14	26.67 0.58 -1.82	25.77 0.57 -1.42	27.34 0.58 -1.32	28.69 0.63 -0.56	29.40 0.66 0.00	28.58 0.60 -0.79	25.45 0.57 0.00	22.18 0.46 0.00	20.65 0.44 0.00	19.72 0.40 -0.98	19.82 0.34 -3.36	19.13 0.39 -0.19	21.08 0.27 -8.54	20.74 0.35 -5.13	26.17 0.38 -8.67	29.35 0.70 -0.54	37.86 0.81 0.00	46.38 0.73 0.00	49.54 0.49 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.64 0.50 0.00
BETHPAGE_CC_5 323564	38.49 2.84 -6.96	30.64 2.55 -3.37	28.25 2.50 -1.48	27.34 2.40 -1.16	29.00 2.49 -1.07	30.61 2.64 -0.47	31.47 2.73 0.00	30.44 2.61 -0.64	27.29 2.41 0.00	24.03 2.30 -0.01	22.70 2.12 -0.38	21.08 1.94 -0.81	20.63 1.79 -2.72	20.92 2.02 -0.35	21.44 1.40 -7.78	23.87 1.69 -6.92	39.44 1.83 -20.49	48.39 2.67 -17.61	48.21 3.15 -8.02	50.61 3.65 -1.31	54.10 3.48 -1.57	47.60 2.79 -2.51	38.47 2.81 -0.10	33.68 2.52 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.34 -1.72 -0.38	23.99 -1.29 -0.56	23.23 -1.29 -0.25	22.69 -1.28 -0.19	23.94 -1.68 -0.18	25.62 -1.95 -0.08	26.82 -1.93 0.00	24.88 -2.42 -0.11	22.94 -1.94 0.00	19.81 -1.91 0.00	18.28 -1.92 0.00	16.67 -1.80 -0.13	15.16 -1.42 -0.46	16.92 -1.65 -0.03	12.61 -0.82 -1.16	14.89 -1.07 -0.70	17.14 -1.16 -1.18	25.48 -2.70 -0.07	33.41 -3.63 0.00	41.49 -4.15 0.00	44.39 -4.66 0.00	38.45 -3.85 0.00	32.72 -2.84 0.00	29.03 -2.12 0.00
BINGHAMTON___COGEN 23790	29.48 0.06 -0.74	25.95 0.12 -1.11	24.85 0.10 -0.49	24.23 0.07 -0.38	25.81 0.03 -0.35	27.65 0.00 -0.15	28.77 0.03 0.00	27.24 -0.16 -0.21	24.78 -0.10 0.00	21.53 -0.20 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.88 -0.15 -0.90	18.41 -0.19 -0.05	14.53 -0.02 -2.29	16.59 -0.05 -1.37	19.41 -0.03 -2.32	28.03 -0.22 -0.14	36.78 -0.26 0.00	45.51 -0.14 0.00	48.75 -0.29 0.00	42.01 -0.30 0.00	35.31 -0.25 0.00	30.99 -0.16 0.00

BIXINCNT_115KV_LOAD 355685	27.16 -1.92 -0.40	23.90 -1.41 -0.60	23.19 -1.33 -0.26	22.67 -1.31 -0.20	23.92 -1.70 -0.19	25.60 -1.98 -0.08	26.93 -1.81 0.00	24.94 -2.37 -0.11	23.14 -1.74 0.00	20.03 -1.69 0.00	18.50 -1.70 0.00	16.76 -1.72 -0.14	15.25 -1.35 -0.48	17.09 -1.48 -0.03	12.69 -0.81 -1.23	14.96 -1.04 -0.74	17.27 -1.10 -1.25	25.60 -2.59 -0.08	33.78 -3.26 0.00	42.00 -3.65 0.00	44.93 -4.12 0.00	38.79 -3.51 0.00	32.86 -2.70 0.00	29.03 -2.12 0.00
BLACK RIVER___HYD 24047	28.20 -0.60 -0.11	24.39 -0.49 -0.17	23.81 -0.53 -0.07	23.33 -0.50 -0.06	25.08 -0.41 -0.05	27.11 -0.41 -0.02	28.22 -0.52 0.00	26.62 -0.60 -0.03	24.14 -0.75 0.00	20.87 -0.85 0.00	19.31 -0.89 0.00	17.55 -0.82 -0.04	15.48 -0.77 -0.14	17.61 -0.95 -0.01	11.99 -0.63 -0.35	14.75 -0.72 -0.21	16.75 -0.72 -0.35	27.17 -0.96 -0.02	36.49 -0.55 0.00	45.60 -0.05 0.00	49.49 0.44 0.00	42.56 0.26 0.00	35.56 0.00 0.00	30.96 -0.19 0.00
BLACKRVR_115KV_TB2 79977	28.20 -0.60 -0.11	24.39 -0.49 -0.17	23.81 -0.53 -0.07	23.34 -0.50 -0.06	25.08 -0.41 -0.05	27.11 -0.41 -0.02	28.22 -0.52 0.00	26.59 -0.63 -0.03	24.13 -0.75 0.00	20.87 -0.85 0.00	19.31 -0.89 0.00	17.55 -0.83 -0.04	15.48 -0.77 -0.14	17.61 -0.95 -0.01	11.99 -0.63 -0.35	14.75 -0.72 -0.21	16.75 -0.72 -0.35	27.17 -0.96 -0.02	36.49 -0.56 0.00	45.60 -0.05 0.00	49.49 0.44 0.00	42.56 0.25 0.00	35.56 0.00 0.00	30.96 -0.19 0.00
BLDWN_LI_69_KV_BK4 356085	38.81 2.73 -7.40	30.54 2.45 -3.38	28.18 2.43 -1.48	27.27 2.33 -1.16	28.93 2.42 -1.08	30.50 2.53 -0.47	31.39 2.64 0.00	30.33 2.50 -0.64	27.24 2.36 0.00	23.96 2.24 0.00	22.66 2.04 -0.42	21.05 1.91 -0.81	20.60 1.76 -2.72	20.93 1.98 -0.40	21.54 1.36 -7.91	24.19 1.65 -7.28	41.03 1.81 -22.10	50.34 2.67 -19.56	47.80 3.19 -7.57	49.53 3.70 -0.19	52.67 3.53 -0.09	47.83 2.83 -2.70	38.41 2.74 -0.12	33.65 2.49 -0.01
BLISS_WT_PWR 323608	27.11 -1.98 -0.40	23.88 -1.43 -0.60	23.17 -1.36 -0.26	22.65 -1.33 -0.20	23.89 -1.73 -0.19	25.85 -1.73 -0.08	26.96 -1.78 0.00	25.62 -1.69 -0.11	23.14 -1.74 0.00	20.03 -1.69 0.00	18.50 -1.70 0.00	16.75 -1.72 -0.14	15.27 -1.34 -0.48	16.74 -1.84 -0.03	12.70 -0.80 -1.23	14.96 -1.04 -0.74	17.29 -1.08 -1.25	25.60 -2.59 -0.08	33.82 -3.22 0.00	42.04 -3.61 0.00	44.93 -4.12 0.00	38.79 -3.51 0.00	32.86 -2.70 0.00	29.00 -2.15 0.00
BLUESTONE___WT_PWR 323821	30.65 1.18 -0.78	26.98 1.09 -1.18	25.81 1.02 -0.52	25.18 1.00 -0.40	26.93 1.12 -0.38	28.92 1.27 -0.16	30.04 1.29 0.00	28.53 1.12 -0.23	25.65 0.77 0.00	22.13 0.41 0.00	20.48 0.28 0.00	18.86 0.24 -0.28	17.29 0.21 -0.96	18.73 0.13 -0.06	14.90 0.20 -2.43	17.03 0.31 -1.46	20.05 0.46 -2.47	29.08 0.82 -0.15	38.60 1.56 0.00	48.02 2.37 0.00	51.69 2.65 0.00	44.42 2.11 0.00	37.16 1.60 0.00	32.51 1.37 0.00
BLUE_CIRC_CHEM_DRP 24182	32.29 0.89 -2.71	29.56 0.77 -4.08	26.82 0.75 -1.80	25.91 0.74 -1.40	27.52 0.79 -1.30	28.91 0.85 -0.56	29.60 0.86 0.00	28.67 0.71 -0.78	25.50 0.62 0.00	22.18 0.46 0.00	20.63 0.42 0.00	19.67 0.37 -0.97	19.74 0.31 -3.31	19.09 0.35 -0.19	20.91 0.23 -8.41	20.64 0.32 -5.06	26.02 0.36 -8.54	29.34 0.70 -0.53	38.04 1.00 0.00	46.79 1.14 0.00	50.03 0.98 0.00	43.19 0.89 0.00	36.34 0.78 0.00	31.89 0.75 0.00
BOC_GAS_DRP 24189	32.26 0.83 -2.74	29.56 0.72 -4.12	26.79 0.70 -1.82	25.90 0.71 -1.41	27.48 0.74 -1.31	28.86 0.80 -0.56	29.55 0.80 0.00	28.74 0.76 -0.79	25.60 0.72 0.00	22.33 0.61 0.00	20.77 0.57 0.00	19.85 0.53 -0.98	19.93 0.47 -3.35	19.28 0.54 -0.19	21.14 0.37 -8.50	20.83 0.46 -5.11	26.27 0.51 -8.63	29.49 0.84 -0.54	38.08 1.04 0.00	46.74 1.10 0.00	49.93 0.88 0.00	43.11 0.80 0.00	36.24 0.68 0.00	31.80 0.65 0.00
BOONVILLE_115KV_TB1 79983	28.76 0.00 -0.07	24.85 0.02 -0.11	24.31 0.00 -0.05	23.84 0.02 -0.04	25.54 0.08 -0.03	27.62 0.11 -0.01	28.83 0.09 0.00	27.26 0.05 -0.02	24.91 0.02 0.00	21.61 -0.11 0.00	20.04 -0.16 0.00	18.22 -0.15 -0.03	16.06 -0.15 -0.09	18.35 -0.20 -0.01	12.37 -0.12 -0.22	15.27 -0.12 -0.13	17.26 -0.09 -0.23	28.09 -0.03 -0.01	37.34 0.30 0.00	46.29 0.64 0.00	49.88 0.83 0.00	42.94 0.63 0.00	35.99 0.43 0.00	31.46 0.31 0.00
BORALEX_4TH_BRANCH 23824	33.04 1.58 -2.77	30.09 1.21 -4.17	27.31 1.21 -1.84	26.42 1.21 -1.43	27.98 1.22 -1.33	29.44 1.37 -0.57	30.26 1.52 0.00	29.42 1.44 -0.80	26.22 1.34 0.00	22.79 1.06 0.00	21.07 0.87 0.00	20.10 0.77 -0.99	20.13 0.63 -3.38	19.47 0.72 -0.20	21.34 0.48 -8.59	21.10 0.67 -5.17	26.62 0.77 -8.73	30.17 1.52 -0.54	39.01 1.96 0.00	47.93 2.28 0.00	50.81 1.77 0.00	44.22 1.90 -0.02	37.13 1.56 0.00	32.55 1.40 0.00
BOWLINE___1 23526	32.71 1.86 -2.16	29.67 1.70 -3.25	27.35 1.65 -1.43	26.46 1.57 -1.11	28.10 1.63 -1.03	29.67 1.73 -0.44	30.47 1.72 0.00	29.55 1.74 -0.62	26.55 1.67 0.00	23.24 1.52 0.00	21.72 1.52 0.00	20.52 1.41 -0.77	20.06 1.31 -2.63	20.24 1.48 -0.21	20.08 1.04 -6.77	20.65 1.28 -4.10	25.34 1.42 -6.80	30.67 2.14 -0.42	39.67 2.63 0.00	48.66 3.01 0.00	51.89 2.84 0.00	44.54 2.24 0.00	37.37 1.81 0.00	32.73 1.59 0.00
BOWLINE___2 23595	32.71 1.86 -2.16	29.67 1.70 -3.25	27.35 1.65 -1.43	26.46 1.57 -1.11	28.10 1.63 -1.03	29.67 1.73 -0.44	30.47 1.72 0.00	29.55 1.74 -0.62	26.55 1.67 0.00	23.24 1.52 0.00	21.72 1.52 0.00	20.52 1.41 -0.77	20.06 1.31 -2.63	20.24 1.48 -0.21	20.08 1.04 -6.77	20.65 1.28 -4.10	25.34 1.42 -6.80	30.67 2.14 -0.42	39.67 2.63 0.00	48.66 3.01 0.00	51.89 2.84 0.00	44.54 2.24 0.00	37.37 1.81 0.00	32.73 1.59 0.00
BRADY___115KV_TB2 356060	28.20 -0.49 0.00	24.30 -0.42 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.10 -0.33 0.00	27.14 -0.36 0.00	28.37 -0.37 0.00	26.89 -0.30 0.00	24.51 -0.37 0.00	21.46 -0.26 0.00	19.90 -0.30 0.00	18.03 -0.31 0.00	15.82 -0.31 0.00	18.21 -0.33 0.00	11.95 -0.32 0.00	14.89 -0.37 0.00	16.73 -0.39 0.00	27.77 -0.34 0.00	36.93 -0.11 0.00	45.74 0.09 0.00	49.73 0.69 0.00	43.06 0.76 0.00	36.20 0.64 0.00	31.46 0.31 0.00
BRANSCOMB___SOLAR 323811	32.86 1.35 -2.82	30.09 1.14 -4.24	27.25 1.12 -1.87	26.35 1.12 -1.46	27.96 1.17 -1.35	29.37 1.29 -0.58	30.04 1.29 0.00	29.11 1.12 -0.81	25.80 0.92 0.00	22.40 0.67 0.00	20.75 0.55 0.00	19.82 0.48 -1.01	19.93 0.37 -3.44	19.15 0.41 -0.20	21.28 0.27 -8.75	20.91 0.40 -5.26	26.50 0.50 -8.88	29.79 1.13 -0.55	38.64 1.59 0.00	47.65 2.01 0.00	51.06 2.01 0.00	44.08 1.78 0.00	37.05 1.49 0.00	32.42 1.28 0.00
BRDGHMPT_69_KV_BK1 55812	38.74 3.67 -6.38	31.38 3.29 -3.38	28.93 3.18 -1.48	27.95 3.02 -1.16	29.66 3.15 -1.07	31.40 3.44 -0.47	32.22 3.48 0.00	31.09 3.26 -0.64	27.94 3.06 0.00	24.57 2.85 0.00	23.05 2.53 -0.32	21.43 2.29 -0.80	20.96 2.11 -2.72	21.27 2.43 -0.30	21.59 1.71 -7.61	23.89 2.15 -6.48	38.11 2.45 -18.54	49.65 3.71 -17.83	89.86 4.56 -48.26	105.18 5.25 -54.28	134.55 5.10 -80.40	54.22 4.15 -7.77	39.76 4.05 -0.15	34.80 3.64 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	38.30 3.18 -6.43	30.93 2.84 -3.37	28.49 2.74 -1.48	27.57 2.64 -1.16	29.25 2.75 -1.07	30.88 2.91 -0.47	31.70 2.96 0.00	30.60 2.77 -0.64	27.47 2.59 0.00	24.18 2.45 0.00	22.75 2.22 -0.33	21.18 2.04 -0.80	20.71 1.87 -2.72	21.00 2.15 -0.30	21.38 1.48 -7.63	23.59 1.82 -6.52	37.89 2.04 -18.73	46.94 2.92 -15.91	55.68 3.41 -15.23	61.20 3.93 -11.63	69.80 3.83 -16.93	48.72 3.13 -3.29	38.93 3.27 -0.10	34.05 2.90 -0.01
BRISTLHL_115KV_TB1 79998	28.28 -0.57 -0.17	24.47 -0.49 -0.25	23.87 -0.51 -0.11	23.36 -0.50 -0.09	24.93 -0.58 -0.08	26.93 -0.60 -0.03	28.08 -0.66 0.00	26.56 -0.68 -0.05	24.21 -0.67 0.00	21.05 -0.67 0.00	19.58 -0.63 0.00	17.83 -0.57 -0.06	15.84 -0.48 -0.20	17.97 -0.59 -0.01	12.46 -0.33 -0.52	15.17 -0.40 -0.31	17.18 -0.46 -0.53	27.30 -0.84 -0.03	35.86 -1.19 0.00	44.28 -1.37 0.00	47.58 -1.47 0.00	41.03 -1.27 0.00	34.46 -1.10 0.00	30.21 -0.93 0.00
BROOKHAVEN__DRP 24191	38.51 3.44 -6.38	31.16 3.06 -3.38	28.73 2.98 -1.48	27.79 2.85 -1.16	29.48 2.98 -1.07	31.13 3.16 -0.47	31.96 3.22 0.00	30.82 2.99 -0.64	27.67 2.79 0.00	24.33 2.61 0.00	22.87 2.34 -0.32	21.29 2.15 -0.80	20.81 1.97 -2.72	21.11 2.26 -0.30	21.45 1.57 -7.61	23.67 1.94 -6.47	37.86 2.21 -18.53	49.14 3.23 -17.80	88.88 3.85 -47.98	104.06 4.47 -53.94	133.30 4.37 -79.89	53.64 3.60 -7.74	39.30 3.59 -0.15	34.33 3.18 -0.01
BROOKLYN_NAVY_YARD 23515	33.06 2.15 -2.22	30.04 1.98 -3.34	27.65 1.92 -1.47	26.73 1.81 -1.15	28.35 1.86 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.00 1.85 -2.60	23.94 1.30 -10.37	24.70 1.60 -7.83	25.87 1.75 -7.00	31.13 2.58 -0.44	40.04 3.00 0.00	49.11 3.47 0.00	52.28 3.24 0.00	44.88 2.58 0.00	37.69 2.13 0.00	33.01 1.87 0.00
BROOKLYN__ARMY_DRP 323595	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
BROOME_2_LFGE 323671	29.48 0.06 -0.74	25.95 0.12 -1.11	24.85 0.10 -0.49	24.23 0.07 -0.38	25.81 0.03 -0.35	27.68 0.03 -0.15	28.77 0.03 0.00	27.37 -0.03 -0.21	24.78 -0.10 0.00	21.53 -0.20 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.88 -0.15 -0.90	18.34 -0.26 -0.05	14.53 -0.02 -2.29	16.59 -0.05 -1.37	19.41 -0.03 -2.32	28.03 -0.23 -0.14	36.79 -0.26 0.00	45.47 -0.18 0.00	48.75 -0.29 0.00	42.01 -0.29 0.00	35.31 -0.25 0.00	30.99 -0.15 0.00
BROOME__LFGE 323600	29.48 0.06 -0.74	25.95 0.12 -1.11	24.85 0.10 -0.49	24.23 0.07 -0.38	25.81 0.03 -0.35	27.68 0.03 -0.15	28.77 0.03 0.00	27.37 -0.03 -0.21	24.78 -0.10 0.00	21.53 -0.20 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.88 -0.15 -0.90	18.34 -0.26 -0.05	14.53 -0.02 -2.29	16.59 -0.05 -1.37	19.41 -0.03 -2.32	28.03 -0.23 -0.14	36.79 -0.26 0.00	45.47 -0.18 0.00	48.75 -0.29 0.00	42.01 -0.29 0.00	35.31 -0.25 0.00	30.99 -0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	27.45 -1.29 -0.06	23.71 -1.09 -0.09	23.24 -1.07 -0.04	22.81 -1.00 -0.03	24.42 -1.04 -0.03	26.41 -1.10 -0.01	27.59 -1.15 0.00	26.14 -1.06 -0.02	23.86 -1.02 0.00	20.81 -0.91 0.00	19.27 -0.93 0.00	17.50 -0.86 -0.02	15.40 -0.79 -0.07	17.62 -0.93 0.00	11.77 -0.67 -0.18	14.57 -0.79 -0.11	16.46 -0.84 -0.18	26.99 -1.12 -0.01	35.97 -1.07 0.00	44.64 -1.00 0.00	48.46 -0.59 0.00	41.84 -0.47 0.00	35.10 -0.46 0.00	30.52 -0.62 0.00
BROWNSV1_27_KV_LOAD 356125	33.29 2.38 -2.22	30.26 2.20 -3.34	27.85 2.11 -1.47	26.92 2.00 -1.15	28.56 2.06 -1.06	30.10 2.14 -0.46	30.98 2.24 0.00	30.06 2.23 -0.64	27.05 2.16 0.00	23.74 2.02 0.00	22.16 1.96 0.00	21.00 1.87 -0.79	20.58 1.74 -2.71	23.15 2.00 -2.60	24.03 1.39 -10.37	24.79 1.69 -7.83	25.99 1.87 -7.00	31.33 2.78 -0.44	40.38 3.33 0.00	49.53 3.88 0.00	52.72 3.68 0.00	45.22 2.92 0.00	37.94 2.38 0.00	33.26 2.12 0.00
BURROWS__LYONSDAL 23803	28.50 -0.26 -0.07	24.63 -0.20 -0.11	24.10 -0.22 -0.05	23.62 -0.19 -0.04	25.34 -0.13 -0.04	27.40 -0.11 -0.02	28.60 -0.14 0.00	27.04 -0.16 -0.02	24.73 -0.15 0.00	21.46 -0.26 0.00	19.90 -0.30 0.00	18.09 -0.28 -0.03	15.95 -0.26 -0.09	18.20 -0.35 -0.01	12.28 -0.22 -0.23	15.15 -0.24 -0.14	17.15 -0.21 -0.23	27.90 -0.22 -0.01	37.12 0.07 0.00	46.06 0.41 0.00	49.68 0.64 0.00	42.81 0.51 0.00	35.84 0.28 0.00	31.30 0.16 0.00
CAITHNESS_CC_1 323624	38.45 3.38 -6.38	31.08 2.99 -3.38	28.66 2.91 -1.48	27.71 2.78 -1.16	29.41 2.90 -1.07	31.10 3.13 -0.47	31.90 3.16 0.00	30.84 3.02 -0.64	27.62 2.74 0.00	24.29 2.56 -0.01	22.85 2.32 -0.32	21.25 2.11 -0.80	20.79 1.95 -2.72	21.05 2.21 -0.30	21.43 1.55 -7.61	23.64 1.91 -6.47	37.81 2.16 -18.53	49.01 3.12 -17.78	88.48 3.74 -47.70	103.58 4.34 -53.59	132.64 4.22 -79.38	53.43 3.42 -7.70	39.19 3.49 -0.14	34.24 3.08 -0.01
CALPINE BETH_PAGE_GT4 24209	38.73 2.81 -7.23	30.61 2.52 -3.38	28.23 2.48 -1.49	27.31 2.38 -1.16	29.00 2.49 -1.08	30.55 2.58 -0.47	31.44 2.70 0.00	30.38 2.56 -0.64	27.29 2.41 0.00	24.02 2.30 0.00	22.70 2.10 -0.40	21.09 1.94 -0.81	20.64 1.79 -2.72	20.96 2.04 -0.37	21.52 1.40 -7.85	24.07 1.69 -7.12	40.25 1.76 -21.37	49.38 2.56 -18.71	48.33 3.04 -8.25	50.18 3.47 -1.07	53.55 3.29 -1.22	47.61 2.67 -2.64	38.27 2.60 -0.11	33.59 2.43 -0.01
CALPINE_BETH_PAGE_GT_4 323586	38.73 2.81 -7.23	30.61 2.52 -3.38	28.23 2.48 -1.49	27.31 2.38 -1.16	29.00 2.49 -1.08	30.61 2.64 -0.47	31.47 2.73 0.00	30.44 2.61 -0.64	27.29 2.41 0.00	24.03 2.30 -0.01	22.70 2.10 -0.40	21.09 1.94 -0.81	20.64 1.79 -2.72	20.93 2.00 -0.37	21.52 1.40 -7.85	24.07 1.69 -7.12	40.25 1.76 -21.37	49.38 2.56 -18.71	48.33 3.04 -8.25	50.18 3.47 -1.07	53.55 3.29 -1.22	47.61 2.67 -2.64	38.41 2.74 -0.11	33.59 2.43 -0.01
CALPINE_BP_GT1 23823	38.73 2.81 -7.23	30.61 2.52 -3.38	28.23 2.48 -1.49	27.31 2.38 -1.16	29.00 2.49 -1.08	30.61 2.64 -0.47	31.47 2.73 0.00	30.44 2.61 -0.64	27.29 2.41 0.00	24.03 2.30 -0.01	22.70 2.10 -0.40	21.09 1.94 -0.81	20.64 1.79 -2.72	20.93 2.00 -0.37	21.52 1.40 -7.85	24.07 1.69 -7.12	40.25 1.76 -21.37	49.38 2.56 -18.71	48.33 3.04 -8.25	50.18 3.47 -1.07	53.55 3.29 -1.22	47.61 2.67 -2.64	38.41 2.74 -0.11	33.59 2.43 -0.01
CALSPAN__DRP 24200	27.40 -1.66 -0.37	24.01 -1.26 -0.56	23.27 -1.24 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.65 -1.92 -0.08	26.82 -1.93 0.00	24.90 -2.39 -0.11	22.92 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.90 -1.67 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.13 -1.16 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00

CALVERTON___SOLAR 323806	38.59 3.53 -6.38	31.23 3.14 -3.38	28.78 3.03 -1.48	27.86 2.92 -1.16	29.53 3.03 -1.07	31.26 3.30 -0.47	32.05 3.30 0.00	30.95 3.13 -0.64	27.72 2.84 0.00	24.38 2.65 -0.01	22.91 2.38 -0.32	21.30 2.16 -0.80	20.84 2.00 -2.72	21.10 2.26 -0.30	21.47 1.59 -7.61	23.70 1.97 -6.47	37.90 2.24 -18.54	49.24 3.32 -17.81	89.14 4.00 -48.10	104.39 4.66 -54.08	133.72 4.56 -80.11	53.78 3.72 -7.75	39.40 3.70 -0.15	34.45 3.30 -0.01
CANDIGU_WT_PWR 323617	28.36 -0.83 -0.51	24.88 -0.59 -0.76	24.02 -0.58 -0.33	23.47 -0.57 -0.26	24.89 -0.79 -0.24	26.78 -0.82 -0.10	27.91 -0.83 0.00	26.33 -1.01 -0.15	23.71 -1.17 0.00	20.48 -1.24 0.00	18.97 -1.23 0.00	17.34 -1.17 -0.18	15.80 -0.94 -0.62	17.32 -1.26 -0.04	13.29 -0.55 -1.57	15.50 -0.70 -0.94	17.96 -0.75 -1.59	26.61 -1.60 -0.10	35.04 -2.00 0.00	43.73 -1.92 0.00	46.84 -2.21 0.00	40.44 -1.86 0.00	34.07 -1.49 0.00	29.99 -1.15 0.00
CARR STREET_E_SYR 24060	28.64 -0.26 -0.21	24.85 -0.17 -0.31	24.18 -0.22 -0.14	23.67 -0.21 -0.11	25.25 -0.28 -0.10	27.24 -0.30 -0.04	28.43 -0.32 0.00	26.92 -0.33 -0.06	24.51 -0.37 0.00	21.29 -0.43 0.00	19.80 -0.40 0.00	18.04 -0.37 -0.07	16.08 -0.29 -0.25	18.17 -0.39 -0.01	12.74 -0.17 -0.64	15.43 -0.21 -0.38	17.53 -0.24 -0.65	27.64 -0.51 -0.04	36.30 -0.74 0.00	44.83 -0.82 0.00	48.11 -0.93 0.00	41.50 -0.81 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
CARTHAGE___PAPER 23857	27.93 -0.86 -0.10	24.15 -0.72 -0.15	23.61 -0.73 -0.07	23.14 -0.69 -0.05	24.85 -0.63 -0.05	26.86 -0.66 -0.02	28.02 -0.72 0.00	26.45 -0.76 -0.03	24.08 -0.80 0.00	20.90 -0.83 0.00	19.33 -0.87 0.00	17.57 -0.81 -0.04	15.50 -0.74 -0.12	17.66 -0.89 -0.01	11.97 -0.61 -0.31	14.73 -0.72 -0.19	16.70 -0.74 -0.32	27.17 -0.96 -0.02	36.41 -0.63 0.00	45.42 -0.23 0.00	49.24 0.20 0.00	42.39 0.08 0.00	35.45 -0.11 0.00	30.86 -0.28 0.00
CASSADAGA_WT_PWR 323784	27.90 -1.18 -0.39	24.46 -0.84 -0.59	23.70 -0.83 -0.26	23.12 -0.85 -0.20	24.40 -1.22 -0.19	26.31 -1.26 -0.08	27.39 -1.35 0.00	26.00 -1.30 -0.11	23.51 -1.37 0.00	20.31 -1.41 0.00	18.77 -1.43 0.00	17.10 -1.38 -0.14	15.55 -1.05 -0.48	17.04 -1.54 -0.03	12.91 -0.58 -1.21	15.24 -0.75 -0.73	17.60 -0.75 -1.23	26.13 -2.05 -0.08	34.34 -2.70 0.00	42.68 -2.97 0.00	45.57 -3.48 0.00	39.38 -2.92 0.00	33.25 -2.31 0.00	29.21 -1.93 0.00
CE_DUNWOOD___DRP 24194	32.94 2.04 -2.22	29.90 1.85 -3.34	27.53 1.80 -1.47	26.63 1.71 -1.14	28.25 1.75 -1.06	29.79 1.84 -0.45	30.64 1.90 0.00	29.70 1.88 -0.64	26.70 1.82 0.00	23.39 1.67 0.00	21.86 1.66 0.00	20.67 1.54 -0.79	20.26 1.43 -2.71	20.44 1.65 -0.24	20.42 1.15 -7.00	20.93 1.40 -4.26	25.66 1.56 -6.99	30.88 2.33 -0.44	39.90 2.85 0.00	48.89 3.24 0.00	52.14 3.09 0.00	44.76 2.45 0.00	37.59 2.03 0.00	32.92 1.78 0.00
CE_MILLWOOD___DRP 24193	32.87 1.98 -2.20	29.83 1.80 -3.31	27.47 1.75 -1.46	26.58 1.66 -1.14	28.19 1.70 -1.05	29.74 1.79 -0.45	30.58 1.84 0.00	29.64 1.82 -0.63	26.65 1.77 0.00	23.33 1.61 0.00	21.80 1.60 0.00	20.61 1.49 -0.79	20.20 1.39 -2.69	20.35 1.58 -0.22	20.30 1.10 -6.93	20.83 1.36 -4.21	25.56 1.51 -6.94	30.82 2.28 -0.43	39.82 2.78 0.00	48.80 3.15 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.52 1.96 0.00	32.86 1.71 0.00
CE_NYC2_DRP 24202	33.24 2.32 -2.23	30.19 2.13 -3.35	27.81 2.06 -1.48	26.88 1.95 -1.15	28.52 2.01 -1.07	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.58 1.89 -3.14	24.72 1.31 -11.14	25.51 1.60 -8.64	25.90 1.78 -7.00	31.16 2.61 -0.44	40.08 3.04 0.00	49.16 3.51 0.00	52.23 3.19 0.00	44.88 2.58 0.00	37.62 2.06 0.00	33.08 1.93 0.00
CE_NYC_DRP 24195	33.18 2.27 -2.22	30.13 2.08 -3.34	27.75 2.01 -1.47	26.83 1.90 -1.15	28.46 1.96 -1.06	29.99 2.03 -0.46	30.84 2.10 0.00	29.92 2.09 -0.64	26.95 2.07 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	22.95 1.91 -2.50	23.82 1.33 -10.23	24.55 1.62 -7.68	25.90 1.78 -7.00	31.19 2.64 -0.44	40.19 3.15 0.00	49.25 3.61 0.00	52.48 3.43 0.00	45.01 2.71 0.00	37.77 2.20 0.00	33.11 1.96 0.00
CHAFFEE___LFGE 323603	27.41 -1.66 -0.38	24.03 -1.26 -0.58	23.26 -1.26 -0.25	22.71 -1.26 -0.20	23.97 -1.65 -0.18	25.79 -1.79 -0.08	26.90 -1.84 0.00	25.48 -1.82 -0.11	22.94 -1.94 0.00	19.81 -1.91 0.00	18.28 -1.92 0.00	16.68 -1.80 -0.14	15.19 -1.40 -0.47	16.65 -1.93 -0.03	12.64 -0.82 -1.19	14.91 -1.07 -0.72	17.18 -1.15 -1.21	25.51 -2.67 -0.08	33.45 -3.59 0.00	41.54 -4.11 0.00	44.43 -4.61 0.00	38.54 -3.77 0.00	32.75 -2.81 0.00	29.06 -2.09 0.00
CHATEAUG_35_KV_LOAD 355732	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.10 -0.33 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	27.00 -0.19 0.00	24.68 -0.20 0.00	21.66 -0.07 0.00	20.08 -0.12 0.00	18.19 -0.15 0.00	15.98 -0.15 0.00	18.40 -0.15 0.00	12.07 -0.20 0.00	15.03 -0.23 0.00	16.88 -0.24 0.00	27.94 -0.17 0.00	37.04 0.00 0.00	45.74 0.09 0.00	49.54 0.49 0.00	42.73 0.42 0.00	35.95 0.39 0.00	31.30 0.16 0.00
CHATEAUG_WT_PWR 323614	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.13 -0.30 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	26.97 -0.22 0.00	24.71 -0.17 0.00	21.66 -0.06 0.00	20.10 -0.10 0.00	18.21 -0.13 0.00	15.99 -0.13 0.00	18.44 -0.11 0.00	12.09 -0.18 0.00	15.06 -0.20 0.00	16.90 -0.22 0.00	27.94 -0.17 0.00	37.01 -0.04 0.00	45.65 0.00 0.00	49.44 0.39 0.00	42.64 0.34 0.00	35.88 0.32 0.00	31.27 0.13 0.00
CHAT_HIGH_FALL_HYD 323578	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.10 -0.33 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	27.00 -0.19 0.00	24.68 -0.20 0.00	21.66 -0.07 0.00	20.08 -0.12 0.00	18.19 -0.15 0.00	15.98 -0.15 0.00	18.40 -0.15 0.00	12.07 -0.20 0.00	15.03 -0.23 0.00	16.88 -0.24 0.00	27.94 -0.17 0.00	37.04 0.00 0.00	45.74 0.09 0.00	49.54 0.49 0.00	42.73 0.42 0.00	35.95 0.39 0.00	31.30 0.16 0.00
CHAUTAUQUA___LFGE 323629	27.81 -1.26 -0.38	24.40 -0.89 -0.58	23.62 -0.90 -0.25	23.07 -0.90 -0.20	24.35 -1.27 -0.18	26.17 -1.40 -0.08	27.28 -1.46 0.00	25.83 -1.47 -0.11	23.34 -1.54 0.00	20.16 -1.56 0.00	18.63 -1.58 0.00	16.99 -1.48 -0.14	15.46 -1.13 -0.47	16.96 -1.61 -0.03	12.83 -0.63 -1.19	15.15 -0.82 -0.72	17.47 -0.86 -1.21	25.99 -2.19 -0.08	34.04 -3.00 0.00	42.32 -3.33 0.00	45.22 -3.83 0.00	39.09 -3.22 0.00	33.11 -2.45 0.00	29.28 -1.87 0.00
CHERRYST_13_KV_LD 356241	33.23 2.32 -2.22	30.21 2.15 -3.34	27.80 2.06 -1.47	26.90 1.97 -1.15	28.51 2.01 -1.06	30.04 2.09 -0.46	30.93 2.18 0.00	30.00 2.17 -0.64	27.02 2.14 0.00	23.70 1.98 0.00	22.14 1.94 0.00	20.97 1.83 -0.79	20.54 1.71 -2.71	22.96 1.97 -2.44	23.78 1.36 -10.15	24.52 1.66 -7.60	25.94 1.81 -7.00	31.27 2.73 -0.44	40.30 3.26 0.00	49.39 3.74 0.00	52.63 3.58 0.00	45.14 2.83 0.00	37.87 2.31 0.00	33.20 2.06 0.00

CHESTROR_138KV_BK263 355645	32.42 1.66 -2.07	29.33 1.51 -3.11	27.09 1.46 -1.37	26.25 1.40 -1.07	27.87 1.45 -0.99	29.43 1.51 -0.42	30.26 1.52 0.00	29.28 1.50 -0.59	26.32 1.44 0.00	23.02 1.30 0.00	21.47 1.27 0.00	20.27 1.19 -0.74	19.76 1.11 -2.53	19.95 1.26 -0.15	19.57 0.88 -6.42	20.20 1.08 -3.86	24.85 1.22 -6.52	30.37 1.86 -0.41	39.34 2.30 0.00	48.29 2.65 0.00	51.55 2.50 0.00	44.29 1.99 0.00	37.20 1.64 0.00	32.58 1.43 0.00
CH_MIDHUDSON___DRP 24192	32.81 1.86 -2.26	29.79 1.68 -3.40	27.39 1.63 -1.50	26.49 1.55 -1.17	28.14 1.63 -1.08	29.67 1.70 -0.46	30.49 1.75 0.00	29.55 1.71 -0.65	26.50 1.62 0.00	23.18 1.46 0.00	21.60 1.39 0.00	20.45 1.30 -0.81	20.09 1.21 -2.76	20.08 1.37 -0.16	20.25 0.97 -7.01	20.66 1.19 -4.21	25.57 1.34 -7.12	30.63 2.08 -0.44	39.64 2.59 0.00	48.66 3.01 0.00	51.89 2.84 0.00	44.59 2.28 0.00	37.45 1.88 0.00	32.80 1.65 0.00
CH_MISC_IPPS 23765	32.86 1.95 -2.22	29.81 1.75 -3.34	27.41 1.67 -1.47	26.52 1.59 -1.15	28.18 1.68 -1.06	29.77 1.81 -0.46	30.55 1.81 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.18 1.46 0.00	21.59 1.39 0.00	20.41 1.28 -0.79	20.04 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.89	20.59 1.19 -4.14	25.47 1.35 -7.00	30.65 2.11 -0.44	39.75 2.70 0.00	48.79 3.15 0.00	52.04 2.99 0.00	44.75 2.45 0.00	37.55 1.99 0.00	32.86 1.71 0.00
CH_RES_BVR_FALLS 23983	28.14 -0.55 0.00	24.22 -0.49 0.00	23.80 -0.46 0.00	23.35 -0.43 0.00	24.98 -0.46 0.00	27.03 -0.47 0.00	28.28 -0.46 0.00	26.81 -0.38 0.00	24.58 -0.30 0.00	21.55 -0.17 0.00	20.04 -0.16 0.00	18.19 -0.15 0.00	15.96 -0.16 0.00	18.40 -0.15 0.00	12.12 -0.15 0.00	15.08 -0.18 0.00	16.92 -0.20 0.00	27.88 -0.23 0.00	36.82 -0.22 0.00	45.37 -0.27 0.00	49.00 -0.05 0.00	42.26 -0.04 0.00	35.56 0.00 0.00	31.05 -0.09 0.00
CH_RES_NIAGARA 23895	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.18 -2.39 -0.07	26.15 -2.59 0.00	24.43 -2.85 -0.10	22.34 -2.54 0.00	19.29 -2.43 0.00	17.80 -2.40 0.00	16.39 -2.07 0.00	14.91 -1.63 -0.42	16.49 -2.08 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.70 0.00	40.03 -5.61 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
CH_RES_SYRACUSE 23985	28.70 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	27.00 -0.25 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.73 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
CLINTON_WT_PWR 323605	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.13 -0.30 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	26.97 -0.22 0.00	24.71 -0.17 0.00	21.66 -0.06 0.00	20.10 -0.10 0.00	18.21 -0.13 0.00	15.99 -0.13 0.00	18.44 -0.11 0.00	12.09 -0.18 0.00	15.06 -0.20 0.00	16.90 -0.22 0.00	27.94 -0.17 0.00	37.01 -0.04 0.00	45.65 0.00 0.00	49.44 0.39 0.00	42.64 0.34 0.00	35.88 0.32 0.00	31.27 0.13 0.00
CLINTON___LFGE 323618	28.40 -0.29 0.00	24.54 -0.17 0.00	24.24 -0.02 0.00	23.80 0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.74 0.00 0.00	27.24 0.05 0.00	24.96 0.07 0.00	21.92 0.20 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.15 0.03 0.00	18.62 0.07 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.09 -0.03 0.00	28.33 0.22 0.00	37.52 0.48 0.00	46.29 0.64 0.00	50.22 1.18 0.00	43.23 0.93 0.00	36.38 0.82 0.00	31.61 0.47 0.00
COBBLENY_34_KV_TB1 80064	27.41 -1.66 -0.38	24.03 -1.26 -0.58	23.26 -1.26 -0.25	22.72 -1.26 -0.20	23.96 -1.65 -0.18	25.65 -1.92 -0.08	26.82 -1.93 0.00	24.90 -2.39 -0.11	22.94 -1.94 0.00	19.81 -1.91 0.00	18.28 -1.92 0.00	16.68 -1.80 -0.14	15.19 -1.40 -0.47	16.92 -1.65 -0.03	12.64 -0.82 -1.19	14.91 -1.07 -0.72	17.18 -1.15 -1.21	25.51 -2.67 -0.08	33.41 -3.63 0.00	41.54 -4.11 0.00	44.44 -4.61 0.00	38.54 -3.76 0.00	32.75 -2.81 0.00	29.06 -2.09 0.00
COFFEEN___115KV_TB3 355620	28.34 -0.46 -0.11	24.52 -0.37 -0.17	23.91 -0.44 -0.08	23.46 -0.38 -0.06	25.21 -0.28 -0.05	27.25 -0.27 -0.02	28.34 -0.40 0.00	26.70 -0.52 -0.03	24.18 -0.70 0.00	20.90 -0.83 0.00	19.33 -0.87 0.00	17.55 -0.83 -0.04	15.50 -0.76 -0.14	17.61 -0.95 -0.01	12.00 -0.63 -0.35	14.76 -0.72 -0.21	16.78 -0.70 -0.36	27.20 -0.93 -0.02	36.60 -0.44 0.00	45.83 0.18 0.00	49.73 0.69 0.00	42.77 0.47 0.00	35.70 0.14 0.00	31.08 -0.06 0.00
COLDSPRG_115KV_BK1 355956	27.86 -1.23 -0.40	24.48 -0.84 -0.61	23.71 -0.83 -0.27	23.13 -0.86 -0.21	24.41 -1.22 -0.19	26.12 -1.46 -0.08	27.48 -1.26 0.00	25.43 -1.88 -0.12	23.61 -1.27 0.00	20.37 -1.35 0.00	18.85 -1.35 0.00	17.07 -1.41 -0.14	15.52 -1.10 -0.49	17.39 -1.19 -0.03	12.91 -0.61 -1.25	15.22 -0.79 -0.75	17.61 -0.79 -1.27	26.11 -2.08 -0.08	34.49 -2.56 0.00	42.95 -2.69 0.00	45.86 -3.19 0.00	39.64 -2.67 0.00	33.53 -2.03 0.00	29.53 -1.62 0.00
COLONIE_LFGE___ 323577	32.69 1.20 -2.79	29.91 0.99 -4.20	27.09 0.97 -1.85	26.19 0.98 -1.44	27.79 1.02 -1.34	29.17 1.10 -0.57	29.86 1.12 0.00	29.05 1.06 -0.80	25.85 0.97 0.00	22.46 0.74 0.00	20.85 0.65 0.00	19.90 0.57 -1.00	20.01 0.48 -3.41	19.26 0.52 -0.20	21.30 0.37 -8.66	20.97 0.50 -5.21	26.50 0.58 -8.80	29.78 1.13 -0.55	38.53 1.48 0.00	47.34 1.69 0.00	50.47 1.42 0.00	43.70 1.39 0.00	36.73 1.17 0.00	32.21 1.06 0.00
COOPERNY_115KV_TB1 80082	31.67 1.29 -1.69	28.44 1.19 -2.54	26.53 1.14 -1.12	25.74 1.09 -0.87	27.39 1.14 -0.81	29.03 1.18 -0.35	29.95 1.21 0.00	28.84 1.17 -0.49	26.00 1.12 0.00	22.72 1.00 0.00	21.15 0.95 0.00	19.84 0.90 -0.60	19.02 0.84 -2.06	19.61 0.95 -0.12	18.18 0.67 -5.24	19.23 0.82 -3.15	23.36 0.92 -5.32	29.84 1.41 -0.33	38.79 1.74 0.00	47.70 2.05 0.00	50.96 1.91 0.00	43.83 1.52 0.00	36.81 1.24 0.00	32.24 1.09 0.00
COPENHAGEN_WT_PWR 323753	28.20 -0.60 -0.12	24.40 -0.49 -0.18	23.81 -0.53 -0.08	23.36 -0.48 -0.06	25.08 -0.41 -0.06	27.08 -0.44 -0.02	28.19 -0.55 0.00	26.60 -0.62 -0.03	24.14 -0.75 0.00	20.87 -0.85 0.00	19.33 -0.87 0.00	17.57 -0.81 -0.04	15.52 -0.74 -0.14	17.65 -0.91 -0.01	12.05 -0.59 -0.37	14.79 -0.69 -0.22	16.79 -0.70 -0.37	27.18 -0.96 -0.02	36.41 -0.63 0.00	45.47 -0.18 0.00	49.29 0.25 0.00	42.39 0.08 0.00	35.45 -0.11 0.00	30.90 -0.25 0.00
CORNELL_____ 23752	29.63 0.43 -0.51	25.88 0.40 -0.77	24.97 0.36 -0.34	24.37 0.33 -0.26	26.01 0.33 -0.24	27.96 0.36 -0.10	29.17 0.43 0.00	27.58 0.24 -0.15	25.03 0.15 0.00	21.68 -0.04 0.00	20.10 -0.10 0.00	18.39 -0.13 -0.18	16.65 -0.10 -0.62	18.42 -0.17 -0.04	13.83 -0.02 -1.59	16.20 -0.02 -0.95	18.75 0.02 -1.61	28.24 0.03 -0.10	37.30 0.26 0.00	46.24 0.59 0.00	49.68 0.64 0.00	42.81 0.51 0.00	35.84 0.28 0.00	31.43 0.28 0.00

CORONA__69_KV_TB1 355595	40.46 2.64 -9.13	30.50 2.40 -3.39	28.11 2.35 -1.49	27.22 2.28 -1.16	28.91 2.39 -1.08	30.42 2.45 -0.47	31.33 2.59 0.00	30.27 2.45 -0.64	27.22 2.34 0.00	23.94 2.22 0.00	22.80 2.02 -0.58	21.04 1.89 -0.81	20.59 1.74 -2.73	21.07 1.97 -0.55	22.01 1.35 -8.39	25.44 1.63 -8.54	46.62 1.81 -27.68	57.39 2.67 -26.61	50.22 3.19 -9.99	49.46 3.70 -0.12	52.64 3.53 -0.06	48.83 2.83 -3.69	38.42 2.70 -0.16	33.59 2.43 -0.02
CORTLAND__115KV_TB3 80093	29.33 0.23 -0.42	25.59 0.25 -0.63	24.76 0.22 -0.28	24.18 0.19 -0.21	25.81 0.18 -0.20	27.78 0.19 -0.09	28.94 0.20 0.00	27.39 0.08 -0.12	24.91 0.02 0.00	21.63 -0.09 0.00	20.08 -0.12 0.00	18.34 -0.15 -0.15	16.53 -0.10 -0.51	18.43 -0.15 -0.03	13.54 -0.02 -1.29	16.02 -0.02 -0.78	18.43 0.00 -1.31	28.13 -0.06 -0.08	37.04 0.00 0.00	45.88 0.23 0.00	49.24 0.20 0.00	42.43 0.13 0.00	35.60 0.04 0.00	31.21 0.06 0.00
COXSACKIE__GT 23611	32.34 1.03 -2.62	29.53 0.86 -3.95	26.80 0.80 -1.74	25.96 0.83 -1.35	27.58 0.89 -1.26	29.38 1.35 -0.54	30.04 1.29 0.00	29.03 1.09 -0.75	25.68 0.80 0.00	22.20 0.48 0.00	20.55 0.34 0.00	19.39 0.11 -0.94	19.44 0.11 -3.20	18.86 0.13 -0.18	20.47 0.06 -8.14	20.29 0.14 -4.89	25.61 0.22 -8.27	29.35 0.73 -0.51	38.67 1.63 0.00	47.70 2.06 0.00	50.86 1.82 0.00	44.00 1.69 0.00	37.05 1.49 0.00	32.42 1.28 0.00
CPV_VALLEY__CC1 323721	32.17 1.55 -1.93	29.03 1.41 -2.91	26.90 1.36 -1.28	26.08 1.31 -1.00	27.71 1.35 -0.93	29.32 1.43 -0.40	30.18 1.44 0.00	29.16 1.41 -0.56	26.25 1.37 0.00	22.96 1.24 0.00	21.41 1.21 -0.69	20.15 1.12 -2.36	19.53 1.05 -0.14	19.85 1.17 -5.99	19.11 0.85 -3.60	19.89 1.02 -6.09	24.36 1.15 -6.09	30.23 1.74 -0.38	39.19 2.15 0.00	48.11 2.46 0.00	51.35 2.31 0.00	44.12 1.82 0.00	37.05 1.49 0.00	32.45 1.31 0.00
CPV_VALLEY__CC2 323722	32.17 1.55 -1.93	29.03 1.41 -2.91	26.90 1.36 -1.28	26.08 1.31 -1.00	27.71 1.35 -0.93	29.32 1.43 -0.40	30.18 1.44 0.00	29.16 1.41 -0.56	26.25 1.37 0.00	22.96 1.24 0.00	21.41 1.21 0.00	20.15 1.12 -0.69	19.53 1.05 -2.36	19.85 1.17 -0.14	19.11 0.85 -5.99	19.89 1.02 -3.60	24.36 1.15 -6.09	30.23 1.74 -0.38	39.19 2.15 0.00	48.11 2.46 0.00	51.35 2.31 0.00	44.12 1.82 0.00	37.05 1.49 0.00	32.45 1.31 0.00
CRESCENT__HYD 24018	32.69 1.20 -2.79	29.91 0.99 -4.20	27.09 0.97 -1.85	26.19 0.98 -1.44	27.79 1.02 -1.34	29.17 1.10 -0.57	29.86 1.12 0.00	29.05 1.06 -0.80	22.46 0.74 0.00	20.85 0.65 0.00	19.90 0.57 -1.00	20.01 0.48 -3.41	19.26 0.52 -0.20	21.30 0.37 -8.66	20.97 0.50 -5.21	26.50 0.58 -8.80	29.78 1.13 -0.55	38.53 1.48 0.00	47.34 1.69 0.00	50.47 1.42 0.00	43.70 1.39 0.00	36.73 1.17 0.00	32.21 1.06 0.00	
CRICKET__VALLEY_CC1 323756	32.81 1.81 -2.32	29.83 1.63 -3.48	27.38 1.58 -1.53	26.49 1.52 -1.19	28.12 1.58 -1.11	29.65 1.68 -0.47	30.44 1.70 0.00	29.54 1.69 -0.67	26.50 1.62 0.00	23.18 1.46 0.00	21.64 1.43 0.00	20.50 1.34 -0.83	20.19 1.24 -2.83	20.10 1.39 -0.16	20.44 0.99 -7.18	20.78 1.21 -4.32	25.76 1.35 -7.29	30.61 2.05 -0.45	39.53 2.48 0.00	48.52 2.88 0.00	51.74 2.70 0.00	44.46 2.16 0.00	37.34 1.78 0.00	32.70 1.56 0.00
CRICKET__VALLEY_CC2 323757	32.81 1.81 -2.32	29.83 1.63 -3.48	27.38 1.58 -1.53	26.49 1.52 -1.19	28.12 1.58 -1.11	29.65 1.68 -0.47	30.44 1.70 0.00	29.54 1.69 -0.67	26.50 1.62 0.00	23.18 1.46 0.00	21.64 1.43 0.00	20.50 1.34 -0.83	20.19 1.24 -2.83	20.10 1.39 -0.16	20.44 0.99 -7.18	20.78 1.21 -4.32	25.76 1.35 -7.29	30.61 2.05 -0.45	39.53 2.48 0.00	48.52 2.88 0.00	51.74 2.70 0.00	44.46 2.16 0.00	37.34 1.78 0.00	32.70 1.56 0.00
CRICKET__VALLEY_CC3 323758	32.81 1.81 -2.32	29.83 1.63 -3.48	27.38 1.58 -1.53	26.49 1.52 -1.19	28.12 1.58 -1.11	29.65 1.68 -0.47	30.44 1.70 0.00	29.54 1.69 -0.67	26.50 1.62 0.00	23.18 1.46 0.00	21.64 1.43 0.00	20.50 1.34 -0.83	20.19 1.24 -2.83	20.10 1.39 -0.16	20.44 0.99 -7.18	20.78 1.21 -4.32	25.76 1.35 -7.29	30.61 2.05 -0.45	39.53 2.48 0.00	48.52 2.88 0.00	51.74 2.70 0.00	44.46 2.16 0.00	37.34 1.78 0.00	32.70 1.56 0.00
CRUCIBLE__METL_DRP 24180	28.69 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	26.95 -0.30 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.74 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
DAHOWA__HYDRO 323763	32.89 1.38 -2.83	30.13 1.16 -4.25	27.28 1.14 -1.87	26.38 1.14 -1.46	28.01 1.22 -1.35	29.40 1.32 -0.58	30.06 1.32 0.00	29.14 1.14 -0.81	25.83 0.95 0.00	22.40 0.67 0.00	20.75 0.55 0.00	19.82 0.48 -1.01	19.94 0.37 -3.45	19.14 0.39 -0.20	21.30 0.27 -8.76	20.92 0.40 -5.27	26.51 0.50 -8.90	29.81 1.15 -0.55	38.71 1.67 0.00	47.75 2.10 0.00	51.15 2.11 0.00	44.16 1.86 0.00	37.12 1.56 0.00	32.45 1.31 0.00
DANC__LFGE 323619	28.25 -0.57 -0.14	24.45 -0.47 -0.21	23.85 -0.51 -0.09	23.37 -0.48 -0.07	25.04 -0.46 -0.07	27.00 -0.52 -0.03	28.14 -0.60 0.00	26.57 -0.65 -0.04	24.14 -0.75 0.00	20.94 -0.78 0.00	19.43 -0.77 0.00	17.67 -0.72 -0.05	15.66 -0.63 -0.17	17.76 -0.80 -0.01	12.19 -0.50 -0.43	14.94 -0.58 -0.26	16.92 -0.63 -0.44	27.18 -0.96 -0.03	36.15 -0.89 0.00	45.01 -0.64 0.00	48.60 -0.44 0.00	41.88 -0.42 0.00	35.10 -0.46 0.00	30.65 -0.50 0.00
DANSKAMMER__1 23586	32.86 1.95 -2.22	29.81 1.75 -3.34	27.41 1.67 -1.47	26.52 1.59 -1.15	28.18 1.68 -1.06	29.77 1.81 -0.46	30.55 1.81 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.18 1.46 0.00	21.59 1.39 0.00	20.41 1.28 -0.79	20.04 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.89	20.59 1.19 -4.14	25.47 1.35 -7.00	30.65 2.11 -0.44	39.75 2.70 0.00	48.79 3.15 0.00	52.04 2.99 0.00	44.75 2.45 0.00	37.55 1.99 0.00	32.86 1.71 0.00
DANSKAMMER__2 23589	32.86 1.95 -2.22	29.81 1.75 -3.34	27.41 1.67 -1.47	26.52 1.59 -1.15	28.18 1.68 -1.06	29.77 1.81 -0.46	30.55 1.81 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.18 1.46 0.00	21.59 1.39 0.00	20.41 1.28 -0.79	20.04 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.89	20.59 1.19 -4.14	25.47 1.35 -7.00	30.65 2.11 -0.44	39.75 2.70 0.00	48.79 3.15 0.00	52.04 2.99 0.00	44.75 2.45 0.00	37.55 1.99 0.00	32.86 1.71 0.00
DANSKAMMER__3 23590	32.86 1.95 -2.22	29.81 1.75 -3.34	27.41 1.67 -1.47	26.52 1.59 -1.15	28.18 1.68 -1.06	29.77 1.81 -0.46	30.55 1.81 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.18 1.46 0.00	21.59 1.39 0.00	20.41 1.28 -0.79	20.04 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.89	20.59 1.19 -4.14	25.47 1.35 -7.00	30.65 2.11 -0.44	39.75 2.70 0.00	48.79 3.15 0.00	52.04 2.99 0.00	44.75 2.45 0.00	37.55 1.99 0.00	32.86 1.71 0.00

DANSKAMMER___4 23591	32.86 1.95 -2.22	29.81 1.75 -3.34	27.41 1.67 -1.47	26.52 1.59 -1.15	28.18 1.68 -1.06	29.77 1.81 -0.46	30.55 1.81 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.18 1.46 0.00	21.59 1.39 0.00	20.41 1.28 -0.79	20.04 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.89	20.59 1.19 -4.14	25.47 1.35 -7.00	30.65 2.11 -0.44	39.75 2.70 0.00	48.79 3.15 0.00	52.04 2.99 0.00	44.75 2.45 0.00	37.55 1.99 0.00	32.86 1.71 0.00
DANSKAMMER___DIESEL 23592	32.86 1.95 -2.22	29.81 1.75 -3.34	27.41 1.67 -1.47	26.52 1.59 -1.15	28.18 1.68 -1.06	29.71 1.76 -0.46	30.55 1.81 0.00	29.57 1.74 -0.64	26.55 1.67 0.00	23.18 1.46 0.00	21.60 1.39 0.00	20.42 1.28 -0.79	20.04 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.89	20.59 1.19 -4.14	25.47 1.35 -7.00	30.65 2.11 -0.44	39.75 2.70 0.00	48.80 3.15 0.00	52.04 2.99 0.00	44.76 2.45 0.00	37.55 1.99 0.00	32.86 1.71 0.00
DARBY___SOLAR 323810	32.86 1.35 -2.82	30.09 1.14 -4.24	27.25 1.12 -1.87	26.35 1.12 -1.46	27.96 1.17 -1.35	29.37 1.29 -0.58	30.04 1.29 0.00	29.14 1.14 -0.81	25.80 0.92 0.00	22.40 0.67 0.00	20.75 0.55 0.00	19.82 0.48 -1.01	19.93 0.37 -3.44	19.14 0.39 -0.20	21.29 0.27 -8.75	20.91 0.40 -5.26	26.50 0.50 -8.88	29.81 1.15 -0.55	38.67 1.63 0.00	47.70 2.06 0.00	51.06 2.01 0.00	44.08 1.78 0.00	37.05 1.49 0.00	32.42 1.28 0.00
DASHVILLE___HYD 23610	32.39 1.41 -2.30	29.45 1.29 -3.45	27.00 1.21 -1.52	26.13 1.17 -1.18	27.73 1.20 -1.10	29.23 1.26 -0.47	30.35 1.61 0.00	29.12 1.28 -0.66	26.32 1.44 0.00	23.00 1.28 0.00	21.43 1.23 0.00	20.15 0.99 -0.82	19.88 0.95 -2.80	19.93 1.22 -0.16	20.15 0.76 -7.12	20.47 0.93 -4.28	25.40 1.04 -7.23	30.16 1.60 -0.45	39.38 2.33 0.00	48.39 2.74 0.00	51.60 2.55 0.00	44.38 2.07 0.00	37.27 1.71 0.00	32.64 1.49 0.00
DELAWARE___LFGE 323621	30.71 1.06 -0.96	27.12 0.96 -1.44	25.82 0.92 -0.64	25.15 0.88 -0.49	26.86 0.97 -0.46	28.74 1.04 -0.20	29.80 1.06 0.00	28.39 0.92 -0.28	25.73 0.85 0.00	22.39 0.67 0.00	20.81 0.61 0.00	19.25 0.57 -0.34	17.81 0.52 -1.17	19.19 0.57 -0.07	15.67 0.43 -2.97	17.57 0.52 -1.79	20.76 0.62 -3.02	29.25 0.96 -0.19	38.38 1.33 0.00	47.34 1.69 0.00	50.71 1.67 0.00	43.66 1.35 0.00	36.63 1.07 0.00	32.08 0.93 0.00
DERFIELD_115KV_TB7 355931	28.80 0.11 0.00	24.81 0.10 0.00	24.36 0.10 0.00	23.87 0.10 0.00	25.54 0.10 0.00	27.61 0.11 0.00	28.86 0.11 0.00	27.27 0.08 0.00	24.96 0.07 0.00	21.76 0.04 0.00	20.24 0.04 0.00	18.39 0.06 0.00	16.17 0.05 0.00	18.58 0.04 0.00	12.32 0.05 0.00	15.32 0.06 0.00	17.19 0.07 0.00	28.22 0.11 0.00	37.16 0.11 0.00	45.78 0.14 0.00	49.14 0.10 0.00	42.34 0.04 0.00	35.60 0.04 0.00	31.18 0.03 0.00
DOGLEVILLE___HYD 23807	27.94 -0.75 0.00	24.07 -0.64 0.00	23.64 -0.63 0.00	23.16 -0.62 0.00	24.82 -0.61 0.00	26.87 -0.63 0.00	28.08 -0.66 0.00	26.56 -0.63 0.00	24.31 -0.57 0.00	21.20 -0.52 0.00	19.72 -0.48 0.00	17.90 -0.44 0.00	15.73 -0.39 0.00	18.08 -0.46 0.00	11.98 -0.29 0.00	14.91 -0.35 0.00	16.73 -0.39 0.00	27.49 -0.62 0.00	36.27 -0.78 0.00	44.69 -0.96 0.00	48.07 -0.98 0.00	41.46 -0.85 0.00	34.81 -0.75 0.00	30.52 -0.62 0.00
DUNKIRK___115KV_TB_200 55889	27.81 -1.26 -0.38	24.38 -0.91 -0.58	23.62 -0.90 -0.25	23.05 -0.93 -0.20	24.32 -1.30 -0.18	26.04 -1.54 -0.08	27.19 -1.55 0.00	25.31 -1.98 -0.11	23.31 -1.57 0.00	20.14 -1.59 0.00	18.61 -1.60 0.00	16.99 -1.49 -0.14	15.44 -1.14 -0.47	17.20 -1.37 -0.03	12.83 -0.63 -1.19	15.15 -0.82 -0.71	17.45 -0.87 -1.21	25.99 -2.19 -0.08	34.01 -3.04 0.00	42.27 -3.38 0.00	45.17 -3.87 0.00	39.05 -3.26 0.00	33.11 -2.45 0.00	29.28 -1.87 0.00
DUNKIRK___1 23563	27.81 -1.26 -0.38	24.38 -0.91 -0.58	23.62 -0.90 -0.25	23.05 -0.93 -0.20	24.32 -1.30 -0.18	26.04 -1.54 -0.08	27.19 -1.55 0.00	25.31 -1.98 -0.11	23.31 -1.57 0.00	20.14 -1.59 0.00	18.61 -1.60 0.00	16.99 -1.49 -0.14	15.44 -1.14 -0.47	17.20 -1.37 -0.03	12.83 -0.63 -1.19	15.15 -0.82 -0.71	17.45 -0.87 -1.21	25.99 -2.19 -0.08	34.01 -3.04 0.00	42.27 -3.38 0.00	45.17 -3.87 0.00	39.05 -3.26 0.00	33.11 -2.45 0.00	29.28 -1.87 0.00
DUNKIRK___2 23564	27.81 -1.26 -0.38	24.38 -0.91 -0.58	23.62 -0.90 -0.25	23.05 -0.93 -0.20	24.32 -1.30 -0.18	26.04 -1.54 -0.08	27.19 -1.55 0.00	25.31 -1.98 -0.11	23.31 -1.57 0.00	20.14 -1.59 0.00	18.61 -1.60 0.00	16.99 -1.49 -0.14	15.44 -1.14 -0.47	17.20 -1.37 -0.03	12.83 -0.63 -1.19	15.15 -0.82 -0.71	17.45 -0.87 -1.21	25.99 -2.19 -0.08	34.01 -3.04 0.00	42.27 -3.38 0.00	45.17 -3.87 0.00	39.05 -3.26 0.00	33.11 -2.45 0.00	29.28 -1.87 0.00
DUNKIRK___3 23565	27.63 -1.43 -0.38	24.25 -1.04 -0.57	23.48 -1.04 -0.25	22.93 -1.05 -0.20	24.19 -1.42 -0.18	25.90 -1.68 -0.08	27.05 -1.70 0.00	25.18 -2.12 -0.11	23.19 -1.69 0.00	20.03 -1.69 0.00	18.50 -1.70 0.00	16.88 -1.60 -0.14	15.36 -1.23 -0.47	17.11 -1.47 -0.03	12.75 -0.70 -1.18	15.05 -0.92 -0.71	17.35 -0.98 -1.20	25.82 -2.36 -0.07	33.82 -3.22 0.00	42.00 -3.65 0.00	44.88 -4.17 0.00	38.83 -3.47 0.00	32.96 -2.60 0.00	29.18 -1.96 0.00
DUNKIRK___4 23566	27.63 -1.43 -0.38	24.25 -1.04 -0.57	23.48 -1.04 -0.25	22.93 -1.05 -0.20	24.19 -1.42 -0.18	25.90 -1.68 -0.08	27.05 -1.70 0.00	25.18 -2.12 -0.11	23.19 -1.69 0.00	20.03 -1.69 0.00	18.50 -1.70 0.00	16.88 -1.60 -0.14	15.36 -1.23 -0.47	17.11 -1.47 -0.03	12.75 -0.70 -1.18	15.05 -0.92 -0.71	17.35 -0.98 -1.20	25.82 -2.36 -0.07	33.82 -3.22 0.00	42.00 -3.65 0.00	44.88 -4.17 0.00	38.83 -3.47 0.00	32.96 -2.60 0.00	29.18 -1.96 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.01 2.09 -2.22	29.96 1.90 -3.34	27.58 1.84 -1.47	26.68 1.76 -1.15	28.30 1.81 -1.06	29.85 1.90 -0.46	30.70 1.95 0.00	29.76 1.93 -0.64	26.77 1.89 0.00	23.48 1.76 0.00	21.92 1.72 0.00	20.75 1.61 -0.79	20.33 1.50 -2.71	20.37 1.72 -0.09	20.28 1.20 -6.80	20.77 1.46 -4.05	25.75 1.63 -7.00	30.96 2.42 -0.44	39.97 2.93 0.00	49.02 3.38 0.00	52.28 3.24 0.00	44.84 2.54 0.00	37.66 2.10 0.00	32.98 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.65 1.81 -2.16	29.59 1.63 -3.24	27.25 1.55 -1.43	26.39 1.50 -1.11	28.02 1.55 -1.03	29.56 1.62 -0.44	30.41 1.67 0.00	29.44 1.63 -0.62	26.45 1.57 0.00	23.11 1.39 0.00	21.54 1.33 0.00	20.35 1.25 -0.77	19.93 1.18 -2.63	20.02 1.32 -0.15	19.89 0.93 -6.69	20.42 1.14 -4.02	25.21 1.30 -6.79	30.53 2.00 -0.42	39.56 2.52 0.00	48.57 2.92 0.00	51.79 2.75 0.00	44.50 2.20 0.00	37.37 1.81 0.00	32.70 1.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.36 2.44 -2.23	30.27 2.20 -3.35	27.86 2.11 -1.48	26.95 2.02 -1.15	28.59 2.09 -1.07	29.88 1.92 -0.46	30.70 1.95 0.00	29.78 1.96 -0.64	26.82 1.94 0.00	23.55 1.82 0.00	21.98 1.78 0.00	20.84 1.71 -0.79	20.45 1.61 -2.71	20.61 1.82 -0.25	20.56 1.26 -7.03	21.09 1.54 -4.29	25.83 1.71 -7.00	31.07 2.53 -0.44	39.93 2.89 0.00	48.98 3.33 0.00	52.04 2.99 0.00	44.71 2.41 0.00	37.52 1.96 0.00	33.05 1.90 0.00

E179THST_13_KV_LOAD 356214	33.47 2.55 -2.23	30.34 2.27 -3.35	27.95 2.21 -1.48	27.02 2.09 -1.15	28.67 2.16 -1.07	29.99 2.03 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.63 1.91 0.00	22.06 1.86 0.00	20.93 1.80 -0.79	20.51 1.68 -2.71	20.71 1.91 -0.25	20.62 1.33 -7.03	21.17 1.62 -4.29	25.90 1.78 -7.00	31.19 2.64 -0.44	40.08 3.04 0.00	49.16 3.51 0.00	52.28 3.24 0.00	44.93 2.62 0.00	37.66 2.10 0.00	33.17 2.02 0.00
EAST HAMPTON___GT 23717	38.59 3.53 -6.38	31.28 3.19 -3.38	28.78 3.03 -1.48	27.81 2.88 -1.16	29.51 3.00 -1.07	31.34 3.38 -0.47	32.13 3.39 0.00	31.09 3.26 -0.64	27.94 3.06 0.00	24.60 2.87 -0.01	23.05 2.52 -0.32	21.41 2.27 -0.80	20.94 2.09 -2.72	21.24 2.39 -0.30	21.59 1.70 -7.61	23.92 2.18 -6.48	38.16 2.50 -18.54	49.79 3.85 -17.83	90.02 4.71 -48.27	105.24 5.29 -54.30	134.57 5.10 -80.42	54.18 4.10 -7.78	39.65 3.95 -0.15	34.83 3.67 -0.01
EAST RIVER___6 23660	33.21 2.30 -2.22	30.16 2.10 -3.34	27.78 2.04 -1.47	26.85 1.93 -1.15	28.46 1.96 -1.06	30.04 2.09 -0.46	30.90 2.16 0.00	30.03 2.20 -0.64	26.99 2.11 0.00	23.68 1.96 0.00	22.14 1.94 0.00	20.97 1.83 -0.79	20.54 1.71 -2.71	22.92 1.93 -2.44	23.78 1.36 -10.15	24.52 1.66 -7.60	25.93 1.81 -7.00	31.27 2.73 -0.44	40.30 3.26 0.00	49.39 3.74 0.00	52.58 3.53 0.00	45.09 2.79 0.00	37.84 2.28 0.00	33.14 2.00 0.00
EAST RIVER___7 23524	33.21 2.30 -2.22	30.16 2.10 -3.34	27.78 2.04 -1.47	26.85 1.93 -1.15	28.46 1.96 -1.06	30.04 2.09 -0.46	30.90 2.16 0.00	30.03 2.20 -0.64	26.99 2.11 0.00	23.68 1.96 0.00	22.14 1.94 0.00	20.97 1.83 -0.79	20.54 1.71 -2.71	22.92 1.93 -2.44	23.78 1.36 -10.15	24.52 1.66 -7.60	25.93 1.81 -7.00	31.27 2.73 -0.44	40.30 3.26 0.00	49.39 3.74 0.00	52.58 3.53 0.00	45.09 2.79 0.00	37.84 2.28 0.00	33.14 2.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.94 2.04 -2.22	29.90 1.85 -3.34	27.53 1.80 -1.47	26.63 1.71 -1.14	28.25 1.75 -1.06	29.79 1.84 -0.45	30.64 1.90 0.00	29.70 1.88 -0.64	26.70 1.82 0.00	23.39 1.67 0.00	21.86 1.66 0.00	20.67 1.54 -0.79	20.26 1.43 -2.71	20.44 1.65 -0.24	20.42 1.15 -7.00	20.93 1.40 -4.26	25.66 1.56 -6.99	30.88 2.33 -0.44	39.90 2.85 0.00	48.89 3.24 0.00	52.14 3.09 0.00	44.76 2.45 0.00	37.59 2.03 0.00	32.92 1.78 0.00
EAST_HAMPTON___DIESEL 23722	38.54 3.47 -6.38	31.23 3.14 -3.38	28.73 2.98 -1.48	27.79 2.85 -1.16	29.48 2.97 -1.07	31.29 3.33 -0.47	32.07 3.33 0.00	31.06 3.23 -0.64	27.92 3.03 0.00	24.57 2.84 -0.01	23.03 2.50 -0.32	21.40 2.25 -0.80	20.92 2.08 -2.72	21.22 2.37 -0.30	21.59 1.70 -7.61	23.90 2.17 -6.48	38.14 2.48 -18.54	49.76 3.82 -17.83	89.98 4.67 -48.27	105.19 5.25 -54.30	134.47 5.01 -80.42	54.14 4.06 -7.78	39.62 3.91 -0.15	34.80 3.64 -0.01
EAST_POINT___SOLAR 323840	34.09 2.30 -3.11	31.37 1.98 -4.67	28.27 1.94 -2.06	27.28 1.90 -1.60	29.01 2.09 -1.49	30.42 2.28 -0.64	30.81 2.07 0.00	29.25 1.17 -0.89	25.30 0.42 0.00	21.81 0.09 0.00	20.26 0.06 0.00	19.50 0.06 -1.11	19.88 -0.03 -3.79	18.67 -0.09 -0.22	21.84 -0.06 -9.63	21.02 -0.03 -5.79	26.99 0.09 -9.78	29.48 0.76 -0.61	39.12 2.07 0.00	49.43 3.79 0.00	53.36 4.32 0.00	45.81 3.51 0.00	38.48 2.92 0.00	33.51 2.37 0.00
EAST_PULASKI___ESR 323781	28.33 -0.52 -0.16	24.53 -0.42 -0.23	23.93 -0.44 -0.10	23.43 -0.43 -0.08	25.05 -0.46 -0.07	27.01 -0.52 -0.03	28.14 -0.60 0.00	26.63 -0.60 -0.04	24.21 -0.67 0.00	21.05 -0.67 0.00	19.58 -0.63 0.00	17.80 -0.59 -0.06	15.81 -0.50 -0.19	17.93 -0.63 -0.01	12.37 -0.38 -0.48	15.09 -0.46 -0.29	17.10 -0.51 -0.49	27.27 -0.87 -0.03	36.05 -1.00 0.00	44.64 -1.00 0.00	48.07 -0.98 0.00	41.46 -0.85 0.00	34.81 -0.75 0.00	30.46 -0.69 0.00
EAST_RIVER___1 323558	33.18 2.27 -2.22	30.13 2.08 -3.34	27.75 2.01 -1.47	26.83 1.90 -1.15	28.46 1.96 -1.06	30.02 2.06 -0.46	30.87 2.13 0.00	29.97 2.15 -0.64	26.95 2.06 0.00	23.63 1.91 0.00	22.10 1.90 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	22.86 1.87 -2.44	23.75 1.33 -10.15	24.47 1.62 -7.60	25.90 1.78 -7.00	31.18 2.64 -0.44	40.19 3.15 0.00	49.25 3.61 0.00	52.48 3.43 0.00	45.01 2.71 0.00	37.77 2.21 0.00	33.11 1.96 0.00
EAST_RIVER___2 323559	33.21 2.30 -2.22	30.16 2.10 -3.34	27.78 2.04 -1.47	26.85 1.93 -1.15	28.46 1.96 -1.06	30.04 2.09 -0.46	30.90 2.16 0.00	30.03 2.20 -0.64	26.99 2.11 0.00	23.68 1.96 0.00	22.14 1.94 0.00	20.97 1.83 -0.79	20.54 1.71 -2.71	22.92 1.93 -2.44	23.78 1.36 -10.15	24.52 1.66 -7.60	25.93 1.81 -7.00	31.27 2.73 -0.44	40.30 3.26 0.00	49.39 3.74 0.00	52.58 3.53 0.00	45.09 2.79 0.00	37.84 2.28 0.00	33.14 2.00 0.00
EAST___DELAWARE_HYD 23607	32.59 1.86 -2.04	29.43 1.66 -3.06	27.19 1.58 -1.35	26.35 1.52 -1.05	28.01 1.60 -0.97	29.68 1.76 -0.42	30.49 1.75 0.00	29.46 1.69 -0.59	26.40 1.52 0.00	23.05 1.33 0.00	21.43 1.23 0.00	20.20 1.14 -0.73	19.69 1.08 -2.48	19.88 1.19 -0.14	19.43 0.85 -6.31	20.11 1.05 -3.79	24.75 1.22 -6.41	30.42 1.91 -0.40	39.56 2.52 0.00	48.71 3.06 0.00	51.99 2.94 0.00	44.71 2.41 0.00	37.51 1.95 0.00	32.80 1.65 0.00
EIGHT_POINT___WT_PWR 323820	28.35 -0.80 -0.47	24.85 -0.57 -0.70	24.04 -0.53 -0.31	23.50 -0.52 -0.24	24.90 -0.76 -0.22	26.88 -0.72 -0.10	28.11 -0.63 0.00	26.51 -0.81 -0.13	23.81 -1.07 0.00	20.53 -1.19 0.00	18.97 -1.23 0.00	17.31 -1.19 -0.17	15.76 -0.94 -0.57	17.30 -1.28 -0.03	13.18 -0.54 -1.45	15.46 -0.67 -0.87	17.86 -0.74 -1.47	26.68 -1.52 -0.09	35.30 -1.74 0.00	44.09 -1.55 0.00	47.28 -1.76 0.00	40.86 -1.44 0.00	34.31 -1.25 0.00	30.21 -0.93 0.00
ELBRIDGE_115KV_TB2 80188	28.53 -0.37 -0.21	24.74 -0.30 -0.32	24.09 -0.32 -0.14	23.58 -0.31 -0.11	25.15 -0.38 -0.10	27.13 -0.41 -0.04	28.31 -0.43 0.00	26.79 -0.46 -0.06	24.41 -0.47 0.00	21.20 -0.52 0.00	19.72 -0.48 0.00	17.97 -0.44 -0.08	16.01 -0.37 -0.26	18.10 -0.46 -0.01	12.69 -0.23 -0.66	15.36 -0.29 -0.39	17.46 -0.33 -0.67	27.50 -0.65 -0.04	36.16 -0.89 0.00	44.64 -1.00 0.00	47.92 -1.13 0.00	41.33 -0.97 0.00	34.71 -0.85 0.00	30.46 -0.69 0.00
ELEC_TRO_TEK 24086	40.30 2.52 -9.09	30.38 2.27 -3.39	28.01 2.26 -1.49	27.10 2.16 -1.16	28.78 2.26 -1.08	30.31 2.34 -0.47	31.21 2.47 0.00	30.16 2.34 -0.64	27.12 2.24 0.00	23.85 2.13 0.00	22.71 1.94 -0.57	20.96 1.82 -0.81	20.53 1.68 -2.73	20.98 1.89 -0.54	21.93 1.30 -8.36	25.30 1.56 -8.48	46.25 1.73 -27.40	56.89 2.53 -26.26	49.98 3.00 -9.94	49.22 3.42 -0.15	52.36 3.24 -0.08	48.53 2.58 -3.64	38.21 2.49 -0.16	33.44 2.27 -0.02
ELLENBURG_WT_PWR 323604	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.13 -0.30 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	26.97 -0.22 0.00	24.71 -0.17 0.00	21.66 -0.06 0.00	20.10 -0.10 0.00	18.21 -0.13 0.00	15.99 -0.13 0.00	18.44 -0.11 0.00	12.09 -0.18 0.00	15.06 -0.20 0.00	16.90 -0.22 0.00	27.94 -0.17 0.00	37.01 -0.04 0.00	45.65 0.00 0.00	49.44 0.39 0.00	42.64 0.34 0.00	35.88 0.32 0.00	31.27 0.13 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.36 -1.69 -0.36	23.98 -1.29 -0.55	23.24 -1.26 -0.24	22.70 -1.26 -0.19	23.95 -1.65 -0.17	25.62 -1.95 -0.07	26.70 -2.04 0.00	24.87 -2.42 -0.10	22.84 -2.04 0.00	19.72 -2.00 0.00	18.20 -2.00 0.00	16.67 -1.80 -0.13	15.16 -1.40 -0.44	16.85 -1.72 -0.03	12.57 -0.82 -0.12	14.87 -1.07 -0.68	17.08 -1.18 -0.14	25.48 -2.70 -0.07	33.23 -3.82 0.00	41.22 -4.43 0.00	44.04 -5.00 0.00	38.20 -4.10 0.00	32.54 -3.02 0.00	28.93 -2.21 0.00
EMPIRE_CC_1 323656	32.44 1.06 -2.69	29.62 0.86 -4.04	26.89 0.85 -1.78	26.04 0.88 -1.39	27.59 0.87 -1.29	29.01 0.96 -0.55	29.72 0.98 0.00	28.88 0.92 -0.77	25.78 0.89 0.00	22.42 0.69 0.00	20.83 0.63 0.00	19.87 0.57 -0.96	19.88 0.48 -3.28	19.27 0.54 -0.19	20.98 0.38 -8.33	20.76 0.49 -5.01	26.15 0.56 -8.46	29.65 1.01 -0.53	38.08 1.04 0.00	46.74 1.09 0.00	49.73 0.69 0.00	43.10 0.80 0.00	36.23 0.67 0.00	31.92 0.78 0.00
EMPIRE_CC_2 323658	32.44 1.06 -2.69	29.62 0.86 -4.04	26.89 0.85 -1.78	26.04 0.88 -1.39	27.59 0.87 -1.29	29.01 0.96 -0.55	29.72 0.98 0.00	28.88 0.92 -0.77	25.78 0.89 0.00	22.42 0.69 0.00	20.83 0.63 0.00	19.87 0.57 -0.96	19.88 0.48 -3.28	19.27 0.54 -0.19	20.98 0.38 -8.33	20.76 0.49 -5.01	26.15 0.56 -8.46	29.65 1.01 -0.53	38.08 1.04 0.00	46.74 1.09 0.00	49.73 0.69 0.00	43.10 0.80 0.00	36.23 0.67 0.00	31.92 0.78 0.00
ENORWICH_115KV_TB1 80156	30.97 1.58 -0.70	27.20 1.43 -1.05	26.06 1.33 -0.46	25.47 1.33 -0.36	27.27 1.50 -0.33	29.32 1.68 -0.14	30.49 1.75 0.00	28.77 1.39 -0.20	25.83 0.95 0.00	22.20 0.48 0.00	20.46 0.26 0.00	18.79 0.20 -0.25	17.14 0.16 -0.85	18.69 0.09 -0.05	14.59 0.15 -2.17	16.84 0.27 -1.30	19.79 0.46 -2.20	29.17 0.93 -0.14	39.04 2.00 0.00	48.80 3.15 0.00	52.72 3.68 0.00	45.22 2.92 0.00	37.80 2.24 0.00	33.01 1.87 0.00
ERIE_ST__34_KV_TB1-2 80199	27.14 -1.92 -0.38	23.80 -1.48 -0.56	23.06 -1.46 -0.25	22.52 -1.45 -0.19	23.76 -1.86 -0.18	25.43 -2.14 -0.08	26.76 -1.98 0.00	24.68 -2.61 -0.11	22.89 -1.99 0.00	19.77 -1.95 0.00	18.26 -1.94 0.00	16.55 -1.93 -0.13	15.05 -1.53 -0.46	16.89 -1.69 -0.03	12.51 -0.92 -1.16	14.78 -1.17 -0.70	17.04 -1.27 -1.18	25.34 -2.84 -0.07	33.41 -3.63 0.00	41.54 -4.11 0.00	44.39 -4.66 0.00	38.45 -3.85 0.00	32.68 -2.88 0.00	28.97 -2.18 0.00
ERIE_WT_PWR 323693	27.42 -1.63 -0.37	24.04 -1.24 -0.56	23.30 -1.21 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.79 -1.79 -0.08	26.87 -1.87 0.00	25.44 -1.85 -0.11	22.91 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.66 -1.91 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.14 -1.15 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
ESPRGFLD_115KV_TB1 80157	30.35 1.78 0.12	26.10 1.56 0.18	25.69 1.50 0.08	25.19 1.47 0.06	27.01 1.63 0.06	29.23 1.76 0.02	30.49 1.75 0.00	28.54 1.39 0.03	25.95 1.07 0.00	22.46 0.74 0.00	20.85 0.65 0.00	18.90 0.61 0.04	16.49 0.52 0.14	19.08 0.54 0.01	12.31 0.40 0.36	15.56 0.52 0.22	17.42 0.67 0.37	29.35 1.26 0.02	39.16 2.11 0.00	48.71 3.06 0.00	52.43 3.38 0.00	45.01 2.71 0.00	37.73 2.17 0.00	32.95 1.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.60 0.40 -0.51	25.85 0.37 -0.77	24.94 0.34 -0.34	24.35 0.31 -0.26	25.98 0.31 -0.24	27.93 0.33 -0.10	29.11 0.37 0.00	27.55 0.22 -0.15	25.01 0.12 0.00	21.66 -0.07 0.00	20.08 -0.12 0.00	18.37 -0.15 -0.18	16.63 -0.11 -0.62	18.42 -0.17 -0.04	13.82 -0.02 -1.58	16.19 -0.02 -0.95	18.74 0.02 -1.60	28.21 0.00 -0.10	37.23 0.19 0.00	46.15 0.50 0.00	49.59 0.54 0.00	42.73 0.42 0.00	35.81 0.25 0.00	31.39 0.25 0.00
ETNA____115KV_TB2 80207	29.60 0.40 -0.51	25.85 0.37 -0.77	24.94 0.34 -0.34	24.35 0.31 -0.26	25.98 0.31 -0.24	27.93 0.33 -0.10	29.11 0.37 0.00	27.55 0.22 -0.15	25.01 0.12 0.00	21.66 -0.07 0.00	20.08 -0.12 0.00	18.37 -0.15 -0.18	16.63 -0.11 -0.62	18.42 -0.17 -0.04	13.82 -0.02 -1.58	16.19 -0.02 -0.95	18.74 0.02 -1.60	28.21 0.00 -0.10	37.23 0.19 0.00	46.15 0.50 0.00	49.59 0.54 0.00	42.73 0.42 0.00	35.81 0.25 0.00	31.39 0.25 0.00
EUCLID__115KV_TB2 356179	28.50 -0.37 -0.19	24.70 -0.30 -0.28	24.08 -0.32 -0.12	23.56 -0.31 -0.10	25.14 -0.38 -0.09	27.12 -0.41 -0.04	28.28 -0.46 0.00	26.75 -0.49 -0.05	24.38 -0.50 0.00	21.20 -0.52 0.00	19.72 -0.48 0.00	17.96 -0.44 -0.07	16.00 -0.35 -0.23	18.12 -0.45 -0.01	12.63 -0.22 -0.58	15.33 -0.27 -0.35	17.40 -0.31 -0.59	27.53 -0.62 -0.04	36.12 -0.93 0.00	44.60 -1.05 0.00	47.87 -1.18 0.00	41.29 -1.02 0.00	34.71 -0.85 0.00	30.43 -0.72 0.00
E_CANADA_CAP_HY 24051	34.05 2.12 -3.24	31.42 1.83 -4.87	28.21 1.80 -2.15	27.18 1.73 -1.67	28.89 1.91 -1.55	30.25 2.09 -0.66	30.75 2.01 0.00	29.64 1.52 -0.93	25.93 1.04 0.00	22.40 0.67 0.00	20.79 0.59 0.00	20.03 0.53 -1.16	20.49 0.42 -3.95	19.20 0.43 -0.23	22.62 0.31 -10.05	21.71 0.41 -6.04	27.89 0.56 -10.21	30.09 1.35 -0.64	39.45 2.41 0.00	49.21 3.56 0.00	52.97 3.93 0.00	45.48 3.17 0.00	38.19 2.63 0.00	33.29 2.15 0.00
E_CANADA_MHWK_HY 24050	27.94 -0.75 0.00	24.07 -0.64 0.00	23.64 -0.63 0.00	23.16 -0.62 0.00	24.82 -0.61 0.00	26.87 -0.63 0.00	28.08 -0.66 0.00	26.56 -0.62 0.00	24.31 -0.57 0.00	21.20 -0.52 0.00	19.72 -0.49 0.00	17.90 -0.44 0.00	15.73 -0.39 0.00	18.08 -0.46 0.00	11.98 -0.29 0.00	14.89 -0.37 0.00	16.73 -0.39 0.00	27.49 -0.62 0.00	36.26 -0.78 0.00	44.69 -0.96 0.00	48.07 -0.98 0.00	41.46 -0.85 0.00	34.81 -0.75 0.00	30.52 -0.62 0.00
E_FISHKILL__LBMP 23776	32.79 1.84 -2.27	29.78 1.66 -3.41	27.37 1.60 -1.50	26.47 1.52 -1.17	28.10 1.58 -1.09	29.61 1.65 -0.46	30.44 1.70 0.00	29.52 1.69 -0.65	26.52 1.64 0.00	23.20 1.48 0.00	21.66 1.45 0.00	20.50 1.36 -0.81	20.15 1.26 -2.77	20.15 1.45 -0.16	20.31 1.01 -7.03	20.73 1.24 -4.23	25.64 1.37 -7.15	30.63 2.08 -0.44	39.56 2.52 0.00	48.52 2.88 0.00	51.79 2.75 0.00	44.50 2.20 0.00	37.34 1.78 0.00	32.73 1.59 0.00
FALCON__SEABRD_CC1 323796	28.37 -0.31 0.00	24.52 -0.20 0.00	24.19 -0.07 0.00	23.75 -0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.71 -0.03 0.00	27.24 0.05 0.00	24.93 0.05 0.00	21.87 0.15 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.14 0.02 0.00	18.62 0.07 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.07 -0.05 0.00	28.25 0.14 0.00	37.41 0.37 0.00	46.15 0.50 0.00	50.03 0.98 0.00	43.10 0.80 0.00	36.27 0.71 0.00	31.58 0.44 0.00
FALCON__SEABRD_CC2 323797	28.37 -0.31 0.00	24.52 -0.20 0.00	24.19 -0.07 0.00	23.75 -0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.71 -0.03 0.00	27.24 0.05 0.00	24.93 0.05 0.00	21.87 0.15 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.14 0.02 0.00	18.62 0.07 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.07 -0.05 0.00	28.25 0.14 0.00	37.41 0.37 0.00	46.15 0.50 0.00	50.03 0.98 0.00	43.10 0.80 0.00	36.27 0.71 0.00	31.58 0.44 0.00

FAR ROCKAWAY___4 23548	40.02 2.87 -8.47	30.69 2.60 -3.38	28.30 2.55 -1.49	27.39 2.45 -1.16	29.08 2.57 -1.08	30.64 2.67 -0.47	31.53 2.79 0.00	30.46 2.64 -0.64	27.37 2.49 0.00	24.09 2.37 0.00	22.86 2.14 -0.52	21.14 2.00 -0.81	20.69 1.84 -2.73	21.12 2.08 -0.50	21.92 1.44 -8.22	25.09 1.74 -8.09	44.74 1.93 -25.68	55.08 2.90 -24.08	49.59 3.52 -9.03	49.86 4.11 -0.10	53.03 3.92 -0.06	48.85 3.21 -3.34	38.69 2.99 -0.14	33.84 2.68 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.15 2.24 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.81 2.07 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.89 1.76 -0.79	20.48 1.64 -2.71	23.04 1.89 -2.60	23.96 1.31 -10.37	24.70 1.60 -7.83	25.88 1.76 -7.00	31.16 2.61 -0.44	40.16 3.11 0.00	49.21 3.56 0.00	52.43 3.38 0.00	44.97 2.67 0.00	37.73 2.17 0.00	33.08 1.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.15 2.24 -2.22	30.13 2.08 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.84 2.10 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.89 1.76 -0.79	20.48 1.64 -2.71	23.04 1.89 -2.60	23.96 1.31 -10.37	24.70 1.60 -7.83	25.88 1.76 -7.00	31.16 2.61 -0.44	40.16 3.11 0.00	49.21 3.56 0.00	52.43 3.38 0.00	44.97 2.67 0.00	37.73 2.17 0.00	33.11 1.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.15 2.24 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.93 1.98 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.92 2.04 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.89 1.76 -0.79	20.48 1.64 -2.71	23.02 1.87 -2.60	23.94 1.30 -10.37	24.70 1.60 -7.83	25.87 1.75 -7.00	31.13 2.59 -0.44	40.12 3.07 0.00	49.21 3.56 0.00	52.38 3.34 0.00	44.97 2.67 0.00	37.73 2.17 0.00	33.08 1.93 0.00
FARRAGUT___LBMP 323566	33.12 2.21 -2.22	30.08 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.59 1.87 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.02 1.87 -2.60	23.94 1.30 -10.37	24.68 1.59 -7.83	25.87 1.75 -7.00	31.13 2.59 -0.44	40.12 3.07 0.00	49.16 3.51 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
FENNER___WINDPWR 24204	29.28 0.32 -0.28	25.43 0.30 -0.41	24.72 0.27 -0.18	24.18 0.26 -0.14	25.87 0.31 -0.13	27.89 0.33 -0.06	29.09 0.35 0.00	27.54 0.27 -0.08	25.03 0.15 0.00	21.72 0.00 0.00	20.16 -0.04 0.00	18.40 -0.04 -0.10	16.42 -0.03 -0.34	18.47 -0.09 -0.02	13.12 0.00 -0.85	15.79 0.02 -0.51	18.04 0.05 -0.87	28.25 0.08 -0.05	37.34 0.29 0.00	46.24 0.59 0.00	49.73 0.69 0.00	42.81 0.51 0.00	35.92 0.36 0.00	31.43 0.28 0.00
FIBERTEK___ENERGY 23856	28.69 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	26.95 -0.30 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.74 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
FITZPATRICK___ 23598	28.07 -0.75 -0.13	24.29 -0.62 -0.19	23.72 -0.63 -0.08	23.22 -0.62 -0.07	24.78 -0.71 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.43 -0.79 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.49 -0.71 0.00	17.76 -0.62 -0.05	15.74 -0.53 -0.15	17.91 -0.65 -0.01	12.29 -0.37 -0.39	15.04 -0.46 -0.24	17.00 -0.51 -0.40	27.18 -0.96 -0.02	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.90 1.98 -2.23	29.85 1.78 -3.36	27.44 1.70 -1.48	26.57 1.64 -1.15	28.21 1.70 -1.07	29.77 1.81 -0.46	30.58 1.84 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.20 1.48 0.00	21.60 1.39 0.00	20.42 1.28 -0.80	20.07 1.23 -2.72	20.08 1.37 -0.16	20.16 0.97 -6.92	20.61 1.19 -4.16	25.52 1.37 -7.03	30.68 2.14 -0.44	39.79 2.74 0.00	48.84 3.20 0.00	52.09 3.04 0.00	44.80 2.50 0.00	37.59 2.03 0.00	32.92 1.78 0.00
FORT ORANGE___ 23900	32.23 0.80 -2.74	29.53 0.69 -4.12	26.76 0.68 -1.82	25.88 0.69 -1.41	27.46 0.71 -1.31	28.88 0.82 -0.56	29.54 0.80 0.00	28.71 0.73 -0.79	25.53 0.65 0.00	22.22 0.50 0.00	20.67 0.47 0.00	19.72 0.40 -0.98	19.81 0.34 -3.35	19.11 0.37 -0.19	21.03 0.26 -8.50	20.72 0.35 -5.11	26.15 0.39 -8.64	29.40 0.76 -0.54	38.04 1.00 0.00	46.70 1.05 0.00	49.83 0.78 0.00	43.06 0.76 0.00	36.23 0.67 0.00	31.83 0.68 0.00
FORT_DRUM_COGEN 23780	28.17 -0.63 -0.11	24.36 -0.52 -0.17	23.78 -0.56 -0.07	23.31 -0.52 -0.06	25.05 -0.43 -0.05	27.08 -0.44 -0.02	28.17 -0.57 0.00	26.59 -0.63 -0.03	24.13 -0.75 0.00	20.87 -0.85 0.00	19.31 -0.89 0.00	17.55 -0.83 -0.04	15.50 -0.76 -0.13	17.61 -0.95 -0.01	11.98 -0.63 -0.34	14.75 -0.72 -0.20	16.75 -0.72 -0.35	27.17 -0.96 -0.02	36.45 -0.59 0.00	45.56 -0.09 0.00	49.44 0.39 0.00	42.51 0.21 0.00	35.52 -0.04 0.00	30.93 -0.22 0.00
FOX_HILLS___ESR 323835	33.30 2.38 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.59 2.09 -1.07	30.02 2.06 -0.46	30.87 2.13 0.00	29.89 2.07 -0.64	26.87 1.99 0.00	23.59 1.87 0.00	22.02 1.82 0.00	20.89 1.76 -0.79	20.51 1.64 -2.74	23.50 1.82 -3.14	29.91 1.26 -16.37	35.52 1.54 -18.72	25.89 1.71 -7.06	54.78 2.56 -24.12	50.83 2.96 -10.82	49.13 3.42 -0.06	52.14 3.09 0.00	49.14 2.54 -4.30	37.58 1.99 -0.03	33.16 1.99 -0.02
FPL_FAR_ROCK_GT1 24212	40.02 2.87 -8.47	30.69 2.59 -3.38	28.30 2.55 -1.49	27.39 2.45 -1.16	29.08 2.57 -1.08	30.66 2.70 -0.47	31.56 2.82 0.00	30.52 2.69 -0.64	27.37 2.49 0.00	24.08 2.35 -0.01	22.86 2.14 -0.52	21.15 2.00 -0.81	20.69 1.84 -2.73	21.10 2.06 -0.50	21.92 1.43 -8.22	25.08 1.72 -8.09	44.74 1.93 -25.68	55.08 2.90 -24.08	49.59 3.52 -9.03	49.86 4.11 -0.10	53.03 3.93 -0.06	48.85 3.21 -3.34	38.65 2.95 -0.14	33.84 2.68 -0.01
FPL_FAR_ROCK_GT2 23815	40.02 2.87 -8.47	30.69 2.59 -3.38	28.30 2.55 -1.49	27.39 2.45 -1.16	29.08 2.57 -1.08	30.66 2.70 -0.47	31.56 2.82 0.00	30.52 2.69 -0.64	27.37 2.49 0.00	24.08 2.35 -0.01	22.86 2.14 -0.52	21.15 2.00 -0.81	20.69 1.84 -2.73	21.10 2.06 -0.50	21.92 1.43 -8.22	25.08 1.72 -8.09	44.74 1.93 -25.68	55.08 2.90 -24.08	49.59 3.52 -9.03	49.86 4.11 -0.10	53.03 3.93 -0.06	48.85 3.21 -3.34	38.65 2.95 -0.14	33.84 2.68 -0.01
FRANKLIN_FALL_HYD 24054	28.11 -0.57 0.00	24.30 -0.42 0.00	23.98 -0.29 0.00	23.54 -0.24 0.00	25.08 -0.36 0.00	27.14 -0.36 0.00	28.45 -0.29 0.00	27.02 -0.16 0.00	24.71 -0.17 0.00	21.70 -0.02 0.00	20.08 -0.12 0.00	18.17 -0.17 0.00	15.98 -0.15 0.00	18.40 -0.15 0.00	12.07 -0.20 0.00	15.05 -0.21 0.00	16.90 -0.22 0.00	28.02 -0.08 0.00	37.19 0.15 0.00	45.88 0.23 0.00	49.88 0.83 0.00	42.98 0.68 0.00	36.13 0.57 0.00	31.36 0.22 0.00

FREEPORT_EQUS_GT1 23764	39.00 2.75 -7.56	30.56 2.47 -3.38	28.18 2.43 -1.49	27.29 2.35 -1.16	28.95 2.44 -1.08	30.55 2.58 -0.47	31.41 2.67 0.00	30.38 2.55 -0.64	27.25 2.36 0.00	23.99 2.26 -0.01	22.70 2.06 -0.43	21.07 1.92 -0.81	20.60 1.76 -2.73	20.94 1.99 -0.41	21.59 1.37 -7.95	24.30 1.66 -7.37	41.46 1.83 -22.51	50.89 2.70 -20.09	48.08 3.22 -7.82	49.60 3.74 -0.21	52.73 3.58 -0.10	47.95 2.88 -2.77	38.49 2.81 -0.12	33.65 2.49 -0.01
FREEPORT___CT2 23818	39.00 2.75 -7.56	30.56 2.47 -3.38	28.18 2.43 -1.49	27.29 2.35 -1.16	28.95 2.44 -1.08	30.55 2.58 -0.47	31.41 2.67 0.00	30.38 2.55 -0.64	27.25 2.36 0.00	23.99 2.26 -0.01	22.70 2.06 -0.43	21.07 1.92 -0.81	20.60 1.76 -2.73	20.94 1.99 -0.41	21.59 1.37 -7.95	24.30 1.66 -7.37	41.46 1.83 -22.51	50.89 2.70 -20.09	48.08 3.22 -7.82	49.60 3.74 -0.21	52.73 3.58 -0.10	47.95 2.88 -2.77	38.49 2.81 -0.12	33.65 2.49 -0.01
FRESHKLS_33_KV_LOAD 356253	33.30 2.38 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.87 2.13 0.00	29.89 2.07 -0.64	26.85 1.97 0.00	23.57 1.85 0.00	22.00 1.80 0.00	20.87 1.74 -0.79	20.49 1.63 -2.74	23.12 1.76 -2.81	27.56 1.23 -14.06	31.44 1.50 -14.68	25.83 1.66 -7.05	46.40 2.47 -15.81	46.97 2.89 -7.04	49.03 3.33 -0.05	52.04 2.99 0.00	47.52 2.41 -2.80	37.51 1.92 -0.03	33.13 1.96 -0.02
FULTON COGEN____ 23766	28.28 -0.57 -0.17	24.47 -0.49 -0.25	23.87 -0.51 -0.11	23.36 -0.50 -0.09	24.93 -0.58 -0.08	26.93 -0.60 -0.03	28.08 -0.66 0.00	26.56 -0.68 -0.05	24.21 -0.67 0.00	21.05 -0.67 0.00	19.58 -0.63 0.00	17.83 -0.57 -0.06	15.84 -0.48 -0.20	17.97 -0.59 -0.01	12.46 -0.33 -0.52	15.17 -0.40 -0.31	17.18 -0.46 -0.53	27.30 -0.84 -0.03	35.86 -1.19 0.00	44.28 -1.37 0.00	47.58 -1.47 0.00	41.03 -1.27 0.00	34.46 -1.10 0.00	30.21 -0.93 0.00
FULTON___LFGE 323630	33.80 2.04 -3.07	31.09 1.75 -4.62	28.00 1.70 -2.03	27.03 1.66 -1.59	28.74 1.83 -1.47	30.13 2.01 -0.63	30.67 1.93 0.00	29.56 1.49 -0.88	25.93 1.04 0.00	22.42 0.69 0.00	20.81 0.61 0.00	19.99 0.55 -1.10	20.31 0.44 -3.75	19.21 0.44 -0.22	22.12 0.32 -9.53	21.41 0.43 -5.73	27.38 0.58 -9.68	30.09 1.38 -0.60	39.38 2.34 0.00	49.02 3.38 0.00	52.73 3.68 0.00	45.31 3.00 0.00	38.05 2.49 0.00	33.20 2.06 0.00
G.F.CEMENT___DRP 24184	32.93 1.41 -2.83	30.16 1.19 -4.26	27.31 1.16 -1.88	26.38 1.14 -1.46	28.04 1.25 -1.36	29.45 1.37 -0.58	30.12 1.38 0.00	29.17 1.17 -0.81	25.83 0.95 0.00	22.37 0.65 0.00	20.75 0.55 0.00	19.84 0.50 -1.01	19.93 0.35 -3.46	19.14 0.39 -0.20	21.30 0.25 -8.78	20.92 0.38 -5.28	26.54 0.50 -8.92	29.87 1.21 -0.56	38.82 1.78 0.00	47.93 2.28 0.00	51.40 2.35 0.00	44.29 1.99 0.00	37.23 1.67 0.00	32.49 1.34 0.00
GARDENVILLE___LBMP 24039	27.39 -1.66 -0.37	24.01 -1.26 -0.56	23.27 -1.24 -0.25	22.71 -1.26 -0.19	23.96 -1.65 -0.18	25.65 -1.92 -0.08	26.79 -1.95 0.00	24.90 -2.39 -0.11	22.89 -1.99 0.00	19.77 -1.95 0.00	18.24 -1.96 0.00	16.69 -1.78 -0.13	15.17 -1.40 -0.45	16.89 -1.69 -0.03	12.60 -0.82 -1.15	14.88 -1.07 -0.69	17.12 -1.16 -1.17	25.51 -2.67 -0.07	33.34 -3.70 0.00	41.40 -4.25 0.00	44.24 -4.81 0.00	38.37 -3.93 0.00	32.64 -2.92 0.00	29.00 -2.15 0.00
GARDNVLA_35_KV_LD 355827	27.45 -1.61 -0.37	24.06 -1.21 -0.56	23.30 -1.21 -0.25	22.76 -1.21 -0.19	24.01 -1.60 -0.18	25.68 -1.90 -0.08	26.84 -1.90 0.00	24.96 -2.34 -0.11	22.94 -1.94 0.00	19.81 -1.91 0.00	18.30 -1.90 0.00	16.71 -1.76 -0.13	15.20 -1.37 -0.45	16.94 -1.63 -0.03	12.64 -0.79 -1.15	14.93 -1.02 -0.69	17.16 -1.13 -1.17	25.54 -2.64 -0.07	33.41 -3.63 0.00	41.49 -4.15 0.00	44.34 -4.71 0.00	38.45 -3.85 0.00	32.72 -2.84 0.00	29.06 -2.09 0.00
GELCKHM___115KV_LOAD 80723	28.57 -0.32 -0.19	24.76 -0.25 -0.29	24.13 -0.27 -0.13	23.59 -0.29 -0.10	25.20 -0.33 -0.09	27.18 -0.36 -0.04	28.37 -0.37 0.00	26.81 -0.43 -0.06	24.46 -0.42 0.00	21.24 -0.48 0.00	19.76 -0.44 0.00	18.00 -0.40 -0.07	16.04 -0.32 -0.24	18.15 -0.41 -0.01	12.67 -0.20 -0.60	15.38 -0.24 -0.36	17.46 -0.27 -0.61	27.58 -0.56 -0.04	36.23 -0.81 0.00	44.73 -0.91 0.00	48.02 -1.03 0.00	41.41 -0.89 0.00	34.78 -0.78 0.00	30.52 -0.62 0.00
GENERAL___MILLS 23808	27.40 -1.66 -0.37	24.01 -1.26 -0.56	23.27 -1.24 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.65 -1.92 -0.08	26.82 -1.93 0.00	24.90 -2.39 -0.11	22.92 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.90 -1.67 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.13 -1.16 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
GE_PLASTICS___DRP 24183	32.23 0.80 -2.74	29.53 0.69 -4.12	26.76 0.68 -1.81	25.88 0.69 -1.41	27.46 0.71 -1.31	28.83 0.77 -0.56	29.55 0.80 0.00	28.68 0.71 -0.79	25.58 0.70 0.00	22.29 0.56 0.00	20.73 0.53 0.00	19.79 0.48 -0.98	19.89 0.42 -3.34	19.22 0.48 -0.19	21.10 0.33 -8.50	20.78 0.41 -5.11	26.21 0.46 -8.63	29.46 0.82 -0.54	38.04 1.00 0.00	46.70 1.05 0.00	49.88 0.83 0.00	43.06 0.76 0.00	36.24 0.68 0.00	31.80 0.65 0.00
GILBOA___1 23756	31.83 0.98 -2.17	28.84 0.86 -3.26	26.55 0.85 -1.43	25.73 0.83 -1.12	27.41 0.94 -1.04	28.93 0.99 -0.44	29.75 1.01 0.00	28.68 0.87 -0.62	25.78 0.89 0.00	22.50 0.78 0.00	20.95 0.75 0.00	19.79 0.68 -0.77	19.39 0.63 -2.64	19.39 0.69 -0.15	19.49 0.50 -6.72	19.88 0.58 -4.04	24.59 0.65 -6.82	29.54 1.01 -0.42	38.30 1.26 0.00	47.06 1.42 0.00	50.32 1.27 0.00	43.36 1.06 0.00	36.45 0.89 0.00	31.92 0.78 0.00
GILBOA___2 23757	31.83 0.98 -2.17	28.84 0.86 -3.26	26.55 0.85 -1.43	25.73 0.83 -1.12	27.41 0.94 -1.04	28.93 0.99 -0.44	29.75 1.01 0.00	28.68 0.87 -0.62	25.78 0.89 0.00	22.50 0.78 0.00	20.95 0.75 0.00	19.79 0.68 -0.77	19.39 0.63 -2.64	19.39 0.69 -0.15	19.49 0.50 -6.72	19.88 0.58 -4.04	24.59 0.65 -6.82	29.54 1.01 -0.42	38.30 1.26 0.00	47.06 1.42 0.00	50.32 1.27 0.00	43.36 1.06 0.00	36.45 0.89 0.00	31.92 0.78 0.00
GILBOA___3 23758	31.83 0.98 -2.17	28.84 0.86 -3.26	26.55 0.85 -1.43	25.73 0.83 -1.12	27.41 0.94 -1.04	28.93 0.99 -0.44	29.75 1.01 0.00	28.68 0.87 -0.62	25.78 0.89 0.00	22.50 0.78 0.00	20.95 0.75 0.00	19.79 0.68 -0.77	19.39 0.63 -2.64	19.39 0.69 -0.15	19.49 0.50 -6.72	19.88 0.58 -4.04	24.59 0.65 -6.82	29.54 1.01 -0.42	38.30 1.26 0.00	47.06 1.42 0.00	50.32 1.27 0.00	43.36 1.06 0.00	36.45 0.89 0.00	31.92 0.78 0.00
GILBOA___4 23759	31.83 0.98 -2.17	28.84 0.86 -3.26	26.55 0.85 -1.43	25.73 0.83 -1.12	27.41 0.94 -1.04	28.93 0.99 -0.44	29.75 1.01 0.00	28.68 0.87 -0.62	25.78 0.89 0.00	22.50 0.78 0.00	20.95 0.75 0.00	19.79 0.68 -0.77	19.39 0.63 -2.64	19.39 0.69 -0.15	19.49 0.50 -6.72	19.88 0.58 -4.04	24.59 0.65 -6.82	29.54 1.01 -0.42	38.30 1.26 0.00	47.06 1.42 0.00	50.32 1.27 0.00	43.36 1.06 0.00	36.45 0.89 0.00	31.92 0.78 0.00

GILBOA____ 23599	31.83 0.98 -2.17	28.84 0.87 -3.26	26.55 0.85 -1.43	25.73 0.83 -1.12	27.41 0.94 -1.04	28.93 0.99 -0.44	29.75 1.01 0.00	28.76 0.95 -0.62	25.78 0.90 0.00	22.50 0.78 0.00	20.93 0.73 0.00	19.79 0.68 -0.77	19.39 0.63 -2.64	19.40 0.70 -0.15	19.49 0.50 -6.72	19.88 0.58 -4.04	24.59 0.65 -6.82	29.54 1.01 -0.42	38.30 1.26 0.00	47.06 1.42 0.00	50.32 1.28 0.00	43.36 1.06 0.00	36.45 0.89 0.00	31.92 0.78 0.00
GINNA____ 23603	27.03 -1.92 -0.26	23.55 -1.56 -0.39	22.86 -1.58 -0.17	22.37 -1.55 -0.14	23.73 -1.83 -0.13	25.46 -2.09 -0.05	26.53 -2.21 0.00	25.14 -2.12 -0.08	22.74 -2.14 0.00	19.61 -2.11 0.00	18.24 -1.96 0.00	16.74 -1.69 -0.09	15.06 -1.39 -0.32	16.82 -1.74 -0.02	12.15 -0.93 -0.81	14.56 -1.19 -0.49	16.63 -1.32 -0.83	25.57 -2.59 -0.05	33.49 -3.56 0.00	41.54 -4.11 0.00	44.63 -4.41 0.00	38.50 -3.81 0.00	32.54 -3.02 0.00	28.62 -2.52 0.00
GLEN PARK____ 23778	28.29 -0.52 -0.11	24.44 -0.44 -0.17	23.86 -0.49 -0.08	23.41 -0.43 -0.06	25.16 -0.33 -0.05	27.16 -0.36 -0.02	28.28 -0.46 0.00	26.65 -0.57 -0.03	24.14 -0.75 0.00	20.85 -0.87 0.00	19.29 -0.91 0.00	17.53 -0.84 -0.04	15.47 -0.79 -0.14	17.59 -0.97 -0.01	11.98 -0.64 -0.35	14.74 -0.73 -0.21	16.74 -0.74 -0.36	27.17 -0.96 -0.02	36.53 -0.52 0.00	45.74 0.09 0.00	49.64 0.59 0.00	42.68 0.38 0.00	35.63 0.07 0.00	31.02 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	33.36 2.44 -2.23	30.29 2.22 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.59 2.09 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	27.00 2.11 0.00	23.70 1.98 0.00	22.12 1.92 0.00	20.98 1.85 -0.79	20.56 1.72 -2.71	23.63 1.95 -3.14	24.76 1.35 -11.14	25.57 1.66 -8.64	25.95 1.83 -7.00	31.27 2.73 -0.44	40.23 3.19 0.00	49.34 3.70 0.00	52.48 3.43 0.00	45.09 2.79 0.00	37.77 2.20 0.00	33.17 2.02 0.00
GLENWOOD_IC_1_G5 23712	40.17 2.50 -8.99	30.35 2.25 -3.39	27.96 2.21 -1.49	27.06 2.12 -1.16	28.70 2.19 -1.08	30.25 2.28 -0.47	31.13 2.39 0.00	30.11 2.28 -0.64	27.07 2.19 0.00	23.78 2.06 0.00	22.70 1.94 -0.56	20.96 1.82 -0.81	20.53 1.68 -2.73	20.99 1.91 -0.53	21.92 1.33 -8.33	25.25 1.60 -8.39	45.86 1.76 -26.98	56.50 2.64 -25.75	50.19 3.19 -9.96	49.57 3.70 -0.23	52.69 3.53 -0.12	48.71 2.83 -3.57	38.24 2.52 -0.15	33.40 2.24 -0.02
GLENWOOD_IC_2_G1 23688	33.49 2.30 -2.51	30.14 2.08 -3.35	27.78 2.04 -1.47	26.88 1.95 -1.15	28.51 2.01 -1.07	30.10 2.15 -0.46	30.92 2.18 0.00	30.00 2.18 -0.64	26.92 2.04 0.00	23.64 1.91 -0.01	22.06 1.84 -0.02	20.84 1.71 -0.80	20.42 1.58 -2.71	20.32 1.78 0.00	20.23 1.25 -6.70	20.83 1.51 -4.06	26.66 1.68 -7.86	32.13 2.50 -1.52	40.46 3.00 -0.41	49.12 3.47 0.00	52.34 3.29 0.00	45.08 2.62 -0.15	37.84 2.28 -0.01	33.20 2.06 0.00
GLENWOOD_IC_3_G1 23689	33.49 2.30 -2.51	30.14 2.08 -3.35	27.78 2.04 -1.47	26.88 1.95 -1.15	28.51 2.01 -1.07	30.10 2.15 -0.46	30.92 2.18 0.00	30.00 2.18 -0.64	26.92 2.04 0.00	23.64 1.91 -0.01	22.06 1.84 -0.02	20.84 1.71 -0.80	20.42 1.58 -2.71	20.32 1.78 0.00	20.23 1.25 -6.70	20.83 1.51 -4.06	26.66 1.68 -7.86	32.13 2.50 -1.52	40.46 3.00 -0.41	49.12 3.47 0.00	52.34 3.29 0.00	45.08 2.62 -0.15	37.84 2.28 -0.01	33.20 2.06 0.00
GLENWOOD____4 23550	40.17 2.50 -8.99	30.35 2.25 -3.39	27.96 2.21 -1.49	27.06 2.12 -1.16	28.70 2.19 -1.08	30.25 2.28 -0.47	31.13 2.39 0.00	30.11 2.28 -0.64	27.07 2.19 0.00	23.78 2.06 0.00	22.70 1.94 -0.56	20.96 1.82 -0.81	20.53 1.68 -2.73	20.99 1.91 -0.53	21.92 1.33 -8.33	25.25 1.60 -8.39	45.86 1.76 -26.98	56.50 2.64 -25.75	50.19 3.19 -9.96	49.57 3.70 -0.23	52.69 3.53 -0.12	48.71 2.83 -3.57	38.24 2.52 -0.15	33.40 2.24 -0.02
GLENWOOD____5 23614	40.17 2.50 -8.99	30.35 2.25 -3.39	27.96 2.21 -1.49	27.06 2.12 -1.16	28.70 2.19 -1.08	30.25 2.28 -0.47	31.13 2.39 0.00	30.11 2.28 -0.64	27.07 2.19 0.00	23.78 2.06 0.00	22.70 1.94 -0.56	20.96 1.82 -0.81	20.53 1.68 -2.73	20.99 1.91 -0.53	21.92 1.33 -8.33	25.25 1.60 -8.39	45.86 1.76 -26.98	56.50 2.64 -25.75	50.19 3.19 -9.96	49.57 3.70 -0.23	52.69 3.53 -0.12	48.71 2.83 -3.57	38.24 2.52 -0.15	33.40 2.24 -0.02
GLOBAL GREEN_PORT_GT1 23814	38.77 3.70 -6.38	31.43 3.34 -3.38	28.93 3.18 -1.48	27.98 3.04 -1.16	29.69 3.18 -1.07	31.48 3.52 -0.47	32.28 3.53 0.00	31.22 3.40 -0.64	28.02 3.14 0.00	24.66 2.93 -0.01	23.13 2.61 -0.32	21.49 2.35 -0.80	20.99 2.14 -2.72	21.31 2.47 -0.30	21.62 1.74 -7.61	23.95 2.21 -6.48	38.21 2.55 -18.54	49.84 3.91 -17.83	90.14 4.81 -48.28	105.44 5.48 -54.31	134.84 5.35 -80.45	54.40 4.32 -7.78	39.83 4.12 -0.15	34.92 3.77 -0.01
GLOBE____DSASP 323697	26.85 -2.18 -0.34	23.60 -1.63 -0.51	22.87 -1.63 -0.23	22.34 -1.62 -0.18	23.56 -2.03 -0.16	25.09 -2.47 -0.07	26.07 -2.67 0.00	24.35 -2.94 -0.10	22.27 -2.61 0.00	19.24 -2.48 0.00	17.74 -2.46 0.00	16.33 -2.13 -0.12	14.86 -1.68 -0.42	16.44 -2.13 -0.02	12.32 -1.01 -1.06	14.58 -1.31 -0.64	16.69 -1.51 -1.07	24.91 -3.26 -0.07	32.27 -4.78 0.00	39.90 -5.75 0.00	42.62 -6.43 0.00	37.01 -5.29 0.00	31.65 -3.91 0.00	28.28 -2.87 0.00
GOETHSLN____LBMP 323567	33.03 2.12 -2.22	30.01 1.95 -3.34	27.61 1.87 -1.47	26.68 1.76 -1.15	28.28 1.78 -1.06	29.80 1.84 -0.46	30.67 1.93 0.00	29.78 1.96 -0.64	26.82 1.94 0.00	23.52 1.80 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.43 1.60 -2.71	22.95 1.84 -2.57	23.35 1.28 -9.81	23.60 1.56 -6.78	25.83 1.71 -6.99	28.72 2.53 1.92	38.93 2.96 1.08	48.97 3.33 0.01	52.14 3.09 0.00	44.33 2.45 0.43	37.58 2.03 0.00	32.92 1.78 0.00
GOLAH____69_KV_TB 1_2 80279	28.08 -0.89 -0.28	24.51 -0.62 -0.42	23.79 -0.66 -0.18	23.28 -0.64 -0.14	24.68 -0.89 -0.13	26.54 -1.02 -0.06	27.51 -1.24 0.00	25.88 -1.39 -0.08	23.46 -1.42 0.00	20.24 -1.48 0.00	18.75 -1.45 0.00	17.21 -1.23 -0.10	15.49 -0.97 -0.34	17.29 -1.28 -0.02	12.56 -0.56 -0.86	15.03 -0.75 -0.52	17.17 -0.82 -0.87	26.31 -1.86 -0.05	34.38 -2.67 0.00	42.68 -2.97 0.00	45.81 -3.24 0.00	39.64 -2.67 0.00	33.60 -1.96 0.00	29.71 -1.43 0.00
GOODYEAR_LAKE_HYD 323669	30.66 1.32 -0.65	26.88 1.19 -0.98	25.84 1.14 -0.43	25.21 1.09 -0.33	26.97 1.22 -0.31	28.95 1.32 -0.13	30.06 1.32 0.00	28.52 1.14 -0.19	25.85 0.97 0.00	22.46 0.74 0.00	20.85 0.65 0.00	19.17 0.61 -0.23	17.46 0.55 -0.79	19.19 0.59 -0.05	14.72 0.44 -2.01	17.02 0.55 -1.21	19.83 0.67 -2.04	29.33 1.10 -0.13	38.71 1.67 0.00	47.88 2.24 0.00	51.45 2.40 0.00	44.21 1.90 0.00	37.05 1.49 0.00	32.42 1.28 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.51 0.09 -0.73	25.94 0.12 -1.10	24.87 0.12 -0.49	24.25 0.10 -0.38	25.81 0.03 -0.35	27.65 0.00 -0.15	28.77 0.03 0.00	27.26 -0.14 -0.21	24.81 -0.07 0.00	21.55 -0.17 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.87 -0.15 -0.89	18.41 -0.19 -0.05	14.52 -0.02 -2.27	16.58 -0.05 -1.37	19.39 -0.03 -2.31	28.03 -0.22 -0.14	36.78 -0.26 0.00	45.51 -0.14 0.00	48.75 -0.29 0.00	42.01 -0.30 0.00	35.31 -0.25 0.00	30.99 -0.16 0.00

GOUDEY___7 23579	29.51 0.09 -0.73	25.94 0.12 -1.10	24.87 0.12 -0.49	24.25 0.10 -0.38	25.81 0.03 -0.35	27.65 0.00 -0.15	28.77 0.03 0.00	27.26 -0.14 -0.21	24.81 -0.07 0.00	21.55 -0.17 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.87 -0.15 -0.89	18.41 -0.19 -0.05	14.52 -0.02 -2.27	16.58 -0.05 -1.37	19.39 -0.03 -2.31	28.03 -0.22 -0.14	36.78 -0.26 0.00	45.51 -0.14 0.00	48.75 -0.29 0.00	42.01 -0.30 0.00	35.31 -0.25 0.00	30.99 -0.16 0.00
GOUDEY___8 23580	29.51 0.09 -0.73	25.94 0.12 -1.10	24.87 0.12 -0.49	24.25 0.10 -0.38	25.81 0.03 -0.35	27.65 0.00 -0.15	28.77 0.03 0.00	27.26 -0.14 -0.21	24.81 -0.07 0.00	21.55 -0.17 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.87 -0.15 -0.89	18.41 -0.19 -0.05	14.52 -0.02 -2.27	16.58 -0.05 -1.37	19.39 -0.03 -2.31	28.03 -0.22 -0.14	36.78 -0.26 0.00	45.51 -0.14 0.00	48.75 -0.29 0.00	42.01 -0.30 0.00	35.31 -0.25 0.00	30.99 -0.16 0.00
GOWANUS_GT1_1 24077	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT1_2 24078	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT1_3 24079	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT1_4 24080	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT1_5 24084	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT1_6 24111	33.36 2.44 -2.23	30.29 2.22 -3.35																						

GOWANUS_GT2_6 24119	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT2_7 24120	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT2_8 24121	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_1 24122	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_2 24123	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_3 24124	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_4 24125	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_5 24126	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_6 24127	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_7 24128	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT3_8 24129	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_1 24130	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_2 24131	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_3 24132	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_4 24133	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02

GOWANUS_GT4_5 24134	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_6 24135	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_7 24136	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GOWANUS_GT4_8 24137	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GREATVRV_69_KV_BK1 356245	38.63 3.47 -6.48	31.18 3.09 -3.38	28.73 2.98 -1.48	27.81 2.88 -1.16	29.51 3.00 -1.07	31.15 3.19 -0.47	31.99 3.25 0.00	30.84 3.02 -0.64	27.69 2.81 0.00	24.35 2.63 0.00	22.92 2.38 -0.33	21.32 2.18 -0.80	20.84 2.00 -2.72	21.15 2.30 -0.30	21.50 1.60 -7.64	23.78 1.97 -6.55	38.21 2.23 -18.86	48.52 3.26 -17.16	72.73 3.93 -31.76	83.02 4.56 -32.81	102.00 4.51 -48.44	51.54 3.68 -5.56	39.35 3.66 -0.13	34.36 3.21 -0.01
GREENBSH_115KV_TB3 55895	32.19 0.75 -2.75	29.50 0.64 -4.14	26.72 0.63 -1.82	25.82 0.62 -1.42	27.39 0.64 -1.32	28.75 0.69 -0.56	29.49 0.75 0.00	28.63 0.65 -0.79	25.50 0.62 0.00	22.22 0.50 0.00	20.67 0.46 0.00	19.74 0.42 -0.98	19.84 0.35 -3.36	19.15 0.41 -0.19	21.08 0.27 -8.54	20.76 0.37 -5.13	26.19 0.39 -8.67	29.38 0.73 -0.54	37.93 0.89 0.00	46.47 0.82 0.00	49.59 0.54 0.00	42.85 0.55 0.00	36.06 0.50 0.00	31.71 0.56 0.00
GREENDGE_115KV_TB5 80291	28.88 -0.26 -0.45	25.24 -0.15 -0.67	24.39 -0.17 -0.30	23.82 -0.19 -0.23	25.34 -0.31 -0.21	27.26 -0.33 -0.09	28.45 -0.29 0.00	26.77 -0.54 -0.13	24.31 -0.57 0.00	20.98 -0.74 0.00	19.45 -0.75 0.00	17.78 -0.72 -0.16	16.10 -0.56 -0.54	17.86 -0.72 -0.03	13.33 -0.32 -1.38	15.69 -0.40 -0.83	18.11 -0.41 -1.40	27.32 -0.87 -0.09	36.04 -1.00 0.00	44.83 -0.82 0.00	47.77 -1.28 0.00	41.50 -0.80 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
GREENIDGE___3 23582	28.88 -0.26 -0.45	25.24 -0.15 -0.67	24.39 -0.17 -0.30	23.82 -0.19 -0.23	25.34 -0.31 -0.21	27.26 -0.33 -0.09	28.45 -0.29 0.00	26.77 -0.54 -0.13	24.31 -0.57 0.00	20.98 -0.74 0.00	19.45 -0.75 0.00	17.78 -0.72 -0.16	16.10 -0.56 -0.54	17.86 -0.72 -0.03	13.33 -0.32 -1.38	15.69 -0.40 -0.83	18.11 -0.41 -1.40	27.32 -0.87 -0.09	36.04 -1.00 0.00	44.83 -0.82 0.00	47.77 -1.28 0.00	41.50 -0.80 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
GREENIDGE___4 23583	28.87 -0.26 -0.45	25.24 -0.15 -0.67	24.39 -0.17 -0.30	23.82 -0.19 -0.23	25.34 -0.30 -0.21	27.29 -0.30 -0.09	28.48 -0.26 0.00	26.96 -0.35 -0.13	24.31 -0.57 0.00	20.98 -0.74 0.00	19.45 -0.75 0.00	17.78 -0.72 -0.16	16.10 -0.56 -0.54	17.78 -0.80 -0.03	13.33 -0.32 -1.38	15.69 -0.40 -0.83	18.11 -0.41 -1.40	27.32 -0.87 -0.09	36.05 -1.00 0.00	44.83 -0.82 0.00	47.77 -1.28 0.00	41.50 -0.81 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
GREENLWN_69_KV_BK 3 55738	38.04 2.90 -6.45	30.68 2.60 -3.37	28.33 2.57 -1.49	27.43 2.50 -1.16	29.10 2.59 -1.07	30.66 2.69 -0.47	31.56 2.82 0.00	30.49 2.66 -0.64	27.39 2.51 0.00	24.13 2.41 0.00	22.73 2.20 -0.33	21.18 2.04 -0.80	20.71 1.87 -2.72	20.98 2.13 -0.30	21.36 1.46 -7.63	23.51 1.71 -6.54	37.83 1.90 -18.81	45.91 2.84 -14.97	39.22 3.37 1.20	38.52 3.88 11.00	35.42 3.73 17.35	46.11 2.96 -0.84	38.55 2.92 -0.08	33.74 2.59 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
GRISSOM___SOLAR 323813	33.65 1.92 -3.04	30.95 1.66 -4.58	27.91 1.63 -2.01	26.94 1.59 -1.57	28.62 1.73 -1.46	30.02 1.90 -0.62	30.58 1.84 0.00	29.50 1.44 -0.87	25.95 1.07 0.00	22.44 0.72 0.00	20.85 0.65 0.00	20.01 0.59 -1.09	20.30 0.47 -3.71	19.24 0.48 -0.21	22.05 0.34 -9.43	21.39 0.46 -5.67	27.30 0.60 -9.58	30.08 1.38 -0.60	39.30 2.26 0.00	48.84 3.19 0.00	52.48 3.43 0.00	45.09 2.79 0.00	37.91 2.35 0.00	33.08 1.93 0.00
GROVEVILLE___HYD 323602	32.90 1.98 -2.23	29.85 1.78 -3.36	27.44 1.70 -1.48	26.57 1.64 -1.15	28.21 1.70 -1.07	29.77 1.81 -0.46	30.58 1.84 0.00	29.62 1.79 -0.64	26.55 1.67 0.00	23.20 1.48 0.00	21.60 1.39 0.00	20.42 1.28 -0.80	20.07 1.23 -2.72	20.08 1.37 -0.16	20.16 0.97 -6.92	20.61 1.19 -4.16	25.52 1.37 -7.03	30.68 2.14 -0.44	39.79 2.74 0.00	48.84 3.20 0.00	52.09 3.04 0.00	44.80 2.50 0.00	37.59 2.03 0.00	32.92 1.78 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.69 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	26.95 -0.30 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.74 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
HAMLTNNY_34_KV_TB 80303	28.67 -0.23 -0.22	24.87 -0.17 -0.32	24.21 -0.19 -0.14	23.67 -0.21 -0.11	25.26 -0.28 -0.10	27.27 -0.27 -0.04	28.45 -0.29 0.00	26.90 -0.35 -0.06	24.48 -0.40 0.00	21.26 -0.46 0.00	19.76 -0.44 0.00	18.01 -0.40 -0.08	16.06 -0.32 -0.26	18.14 -0.43 -0.02	12.74 -0.20 -0.67	15.43 -0.23 -0.40	17.54 -0.26 -0.68	27.62 -0.53 -0.04	36.30 -0.74 0.00	44.87 -0.78 0.00	48.16 -0.88 0.00	41.54 -0.76 0.00	34.88 -0.68 0.00	30.59 -0.56 0.00

HAMPSHIRE___PAPER_HYD 323593	27.45 -1.29 -0.06	23.71 -1.09 -0.09	23.24 -1.07 -0.04	22.81 -1.00 -0.03	24.42 -1.04 -0.03	26.41 -1.10 -0.01	27.59 -1.15 0.00	26.11 -1.09 -0.02	23.86 -1.02 0.00	20.81 -0.91 0.00	19.27 -0.93 0.00	17.50 -0.86 -0.02	15.40 -0.79 -0.07	17.64 -0.91 0.00	11.77 -0.67 -0.18	14.57 -0.79 -0.11	16.46 -0.84 -0.18	26.99 -1.13 0.00	35.97 -1.08 0.00	44.64 -1.00 0.00	48.46 -0.59 0.00	41.84 -0.46 0.00	35.10 -0.46 0.00	30.52 -0.62 0.00
HARDSCRABBLE_WT_PWR 323673	28.11 -0.57 0.00	24.22 -0.49 0.00	23.76 -0.51 0.00	23.30 -0.48 0.00	24.98 -0.46 0.00	27.00 -0.49 0.00	28.22 -0.52 0.00	26.72 -0.46 0.00	24.46 -0.42 0.00	21.33 -0.39 0.00	19.84 -0.36 0.00	18.01 -0.33 0.00	15.83 -0.29 0.00	18.19 -0.35 0.00	12.05 -0.22 0.00	15.00 -0.26 0.00	16.85 -0.27 0.00	27.66 -0.45 0.00	36.49 -0.55 0.00	44.96 -0.68 0.00	48.31 -0.73 0.00	41.71 -0.59 0.00	35.03 -0.53 0.00	30.71 -0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.64 1.86 -2.09	29.54 1.68 -3.14	27.25 1.60 -1.38	26.40 1.55 -1.08	28.04 1.60 -1.00	29.60 1.68 -0.43	30.44 1.70 0.00	29.45 1.66 -0.60	26.50 1.62 0.00	23.15 1.43 0.00	21.58 1.37 0.00	20.37 1.28 -0.75	19.88 1.21 -2.55	20.07 1.37 -0.15	19.71 0.96 -6.48	20.34 1.19 -3.89	25.05 1.35 -6.58	30.60 2.08 -0.41	39.64 2.59 0.00	48.66 3.01 0.00	51.89 2.84 0.00	44.59 2.28 0.00	37.41 1.85 0.00	32.77 1.62 0.00
HARSNRAD_115KV_TB1 81005	27.16 -1.86 -0.34	23.79 -1.43 -0.51	23.06 -1.43 -0.22	22.52 -1.43 -0.17	23.76 -1.83 -0.16	25.42 -2.14 -0.07	26.41 -2.33 0.00	24.67 -2.61 -0.10	22.54 -2.34 0.00	19.46 -2.26 0.00	17.96 -2.24 0.00	16.50 -1.96 -0.12	14.98 -1.55 -0.41	16.62 -1.95 -0.02	12.41 -0.91 -1.04	14.70 -1.19 -0.63	16.85 -1.34 -1.06	25.19 -2.98 -0.07	32.75 -4.30 0.00	40.63 -5.02 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
HARZA MOOSE___RIVER 24016	28.50 -0.26 -0.07	24.63 -0.20 -0.11	24.10 -0.22 -0.05	23.62 -0.19 -0.04	25.34 -0.13 -0.04	27.40 -0.11 -0.02	28.60 -0.14 0.00	27.04 -0.16 -0.02	24.73 -0.15 0.00	21.46 -0.26 0.00	19.90 -0.30 0.00	18.09 -0.28 -0.03	15.95 -0.26 -0.09	18.20 -0.35 -0.01	12.28 -0.22 -0.23	15.15 -0.24 -0.14	17.15 -0.21 -0.23	27.90 -0.22 -0.01	37.12 0.07 0.00	46.06 0.41 0.00	49.68 0.64 0.00	42.81 0.51 0.00	35.84 0.28 0.00	31.30 0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.64 -0.26 -0.21	24.83 -0.20 -0.32	24.19 -0.22 -0.14	23.67 -0.21 -0.11	25.25 -0.28 -0.10	27.24 -0.30 -0.04	28.43 -0.32 0.00	26.87 -0.38 -0.06	24.48 -0.40 0.00	21.29 -0.43 0.00	19.80 -0.40 0.00	18.05 -0.37 -0.07	16.09 -0.29 -0.26	18.19 -0.37 -0.01	12.75 -0.17 -0.65	15.44 -0.21 -0.39	17.54 -0.24 -0.66	27.64 -0.51 -0.04	36.30 -0.74 0.00	44.83 -0.82 0.00	48.11 -0.93 0.00	41.50 -0.80 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
HELLGATE_13_KV_LD 55870	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.97 2.09 0.00	23.68 1.95 0.00	22.12 1.92 0.00	20.97 1.83 -0.79	20.54 1.71 -2.71	23.65 1.97 -3.14	24.77 1.36 -11.14	25.57 1.66 -8.64	25.97 1.85 -7.00	31.27 2.73 -0.44	40.23 3.19 0.00	49.34 3.70 0.00	52.43 3.38 0.00	45.05 2.75 0.00	37.73 2.17 0.00	33.17 2.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.97 2.09 0.00	23.68 1.95 0.00	22.12 1.92 0.00	20.97 1.83 -0.79	20.54 1.71 -2.71	23.65 1.97 -3.14	24.77 1.36 -11.14	25.57 1.66 -8.64	25.97 1.85 -7.00	31.27 2.73 -0.44	40.23 3.19 0.00	49.34 3.70 0.00	52.43 3.38 0.00	45.05 2.75 0.00	37.73 2.17 0.00	33.17 2.02 0.00
HEMPSTEAD____ 23647	39.33 2.53 -8.12	30.37 2.27 -3.38	27.98 2.23 -1.49	27.08 2.14 -1.16	28.75 2.24 -1.08	30.33 2.37 -0.47	31.18 2.44 0.00	30.19 2.36 -0.64	27.07 2.19 0.00	23.81 2.09 -0.01	22.62 1.94 -0.48	20.94 1.80 -0.81	20.51 1.66 -2.73	20.86 1.85 -0.46	21.66 1.30 -8.09	24.59 1.57 -7.76	43.06 1.71 -24.23	52.91 2.53 -22.27	48.68 3.00 -8.63	49.33 3.47 -0.21	52.44 3.29 -0.11	48.00 2.62 -3.08	38.18 2.49 -0.13	33.40 2.24 -0.01
HICKLING___1 23621	28.95 -0.32 -0.58	25.41 -0.17 -0.87	24.48 -0.17 -0.38	23.89 -0.19 -0.30	25.36 -0.36 -0.28	27.20 -0.41 -0.12	28.40 -0.34 0.00	26.65 -0.71 -0.17	24.28 -0.60 0.00	21.03 -0.70 0.00	19.47 -0.73 0.00	17.81 -0.56 -0.21	16.27 -0.67 -0.71	17.92 -0.67 -0.04	13.77 -0.29 -1.80	15.97 -0.37 -1.08	18.54 -0.41 -1.83	27.32 -0.90 -0.11	36.01 -1.04 0.00	44.73 -0.91 0.00	47.92 -1.13 0.00	41.33 -0.97 0.00	34.74 -0.82 0.00	30.55 -0.59 0.00
HICKLING___2 23622	28.95 -0.32 -0.58	25.41 -0.17 -0.87	24.48 -0.17 -0.38	23.89 -0.19 -0.30	25.36 -0.36 -0.28	27.20 -0.41 -0.12	28.40 -0.34 0.00	26.65 -0.71 -0.17	24.28 -0.60 0.00	21.03 -0.70 0.00	19.47 -0.73 0.00	17.81 -0.56 -0.21	16.27 -0.67 -0.71	17.92 -0.67 -0.04	13.77 -0.29 -1.80	15.97 -0.37 -1.08	18.54 -0.41 -1.83	27.32 -0.90 -0.11	36.01 -1.04 0.00	44.73 -0.91 0.00	47.92 -1.13 0.00	41.33 -0.97 0.00	34.74 -0.82 0.00	30.55 -0.59 0.00
HIGH FALLS___HY 23754	32.93 2.01 -2.23	29.87 1.80 -3.35	27.44 1.70 -1.48	26.57 1.64 -1.15	28.23 1.73 -1.07	29.77 1.81 -0.46	30.58 1.84 0.00	29.65 1.82 -0.64	26.57 1.69 0.00	23.22 1.50 0.00	21.62 1.41 0.00	20.45 1.32 -0.80	20.12 1.27 -2.72	20.11 1.41 -0.16	20.19 1.01 -6.92	20.65 1.24 -4.16	25.55 1.40 -7.02	30.71 2.16 -0.44	39.82 2.78 0.00	48.93 3.29 0.00	52.19 3.14 0.00	44.84 2.54 0.00	37.62 2.06 0.00	32.89 1.74 0.00
HIGH_RIVER___SOLAR 323847	33.02 1.41 -2.93	30.33 1.21 -4.41	27.40 1.19 -1.94	26.45 1.16 -1.51	28.08 1.25 -1.40	29.45 1.35 -0.60	30.04 1.29 0.00	29.01 0.98 -0.84	25.55 0.67 0.00	22.09 0.37 0.00	20.51 0.30 0.00	19.66 0.28 -1.05	19.92 0.23 -3.58	18.98 0.22 -0.21	21.53 0.17 -9.09	20.95 0.23 -5.46	26.68 0.32 -9.23	29.58 0.90 -0.57	38.60 1.56 0.00	47.84 2.19 0.00	51.30 2.26 0.00	44.21 1.91 0.00	37.12 1.56 0.00	32.48 1.34 0.00
HILLBURN___GT 23639	32.75 1.95 -2.11	29.65 1.75 -3.18	27.36 1.70 -1.40	26.49 1.62 -1.09	28.12 1.68 -1.01	29.72 1.79 -0.43	30.52 1.78 0.00	29.59 1.79 -0.61	26.60 1.72 0.00	23.29 1.56 0.00	21.74 1.53 0.00	20.52 1.43 -0.76	20.04 1.34 -2.58	20.20 1.50 -0.15	19.89 1.07 -6.55	20.51 1.31 -3.94	25.25 1.47 -6.66	30.74 2.22 -0.41	39.79 2.74 0.00	48.79 3.15 0.00	52.04 2.99 0.00	44.67 2.37 0.00	37.48 1.92 0.00	32.83 1.68 0.00
HILLSIDE_115KV_TB1 80332	28.75 -0.55 -0.60	25.25 -0.37 -0.91	24.30 -0.36 -0.40	23.71 -0.38 -0.31	25.19 -0.53 -0.29	26.99 -0.63 -0.12	28.17 -0.57 0.00	26.49 -0.87 -0.17	24.16 -0.72 0.00	20.96 -0.76 0.00	19.43 -0.77 0.00	17.78 -0.77 -0.22	16.26 -0.60 -0.74	17.89 -0.70 -0.04	13.79 -0.34 -1.87	15.96 -0.43 -1.12	18.54 -0.48 -1.90	27.21 -1.01 -0.12	35.82 -1.22 0.00	44.41 -1.23 0.00	47.53 -1.52 0.00	40.99 -1.31 0.00	34.46 -1.10 0.00	30.30 -0.84 0.00

HISHELDN_WT_PWR 323625	27.60 -1.49 -0.40	24.21 -1.11 -0.60	23.44 -1.09 -0.27	22.89 -1.09 -0.21	24.18 -1.45 -0.19	25.96 -1.62 -0.08	27.07 -1.67 0.00	25.56 -1.74 -0.12	22.99 -1.89 0.00	19.85 -1.87 0.00	18.32 -1.88 0.00	16.78 -1.70 -0.14	15.27 -1.34 -0.49	16.76 -1.82 -0.03	12.72 -0.80 -1.25	14.97 -1.04 -0.75	17.24 -1.15 -1.27	25.68 -2.50 -0.08	33.64 -3.41 0.00	41.90 -3.74 0.00	44.83 -4.22 0.00	38.83 -3.47 0.00	32.93 -2.63 0.00	29.15 -1.99 0.00
HOLTSVILLE_IC_1 23690	38.30 3.24 -6.37	30.98 2.89 -3.38	28.56 2.81 -1.48	27.62 2.69 -1.16	29.31 2.80 -1.07	30.99 3.02 -0.47	31.79 3.05 0.00	30.74 2.91 -0.64	27.54 2.66 0.00	24.23 2.50 -0.01	22.79 2.26 -0.32	21.21 2.07 -0.80	20.75 1.90 -2.72	20.99 2.15 -0.29	21.39 1.51 -7.61	23.58 1.85 -6.47	37.73 2.09 -18.52	48.83 2.98 -17.74	87.86 3.52 -47.30	102.80 4.06 -53.09	131.61 3.93 -78.64	53.12 3.17 -7.65	39.01 3.31 -0.14	34.08 2.93 -0.01
HOLTSVILLE_IC_10 23699	38.50 3.41 -6.40	31.14 3.04 -3.38	28.71 2.96 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.96 3.22 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.81 1.97 -2.72	21.09 2.24 -0.30	21.46 1.57 -7.62	23.69 1.94 -6.49	37.92 2.19 -18.61	49.37 3.18 -18.09	91.83 3.78 -51.00	107.72 4.38 -57.69	138.74 4.26 -85.43	53.95 3.51 -8.14	39.27 3.56 -0.15	34.27 3.11 -0.01
HOLTSVILLE_IC_2 23691	38.30 3.24 -6.37	30.98 2.89 -3.38	28.56 2.81 -1.48	27.62 2.69 -1.16	29.31 2.80 -1.07	30.99 3.02 -0.47	31.79 3.05 0.00	30.74 2.91 -0.64	27.54 2.66 0.00	24.23 2.50 -0.01	22.79 2.26 -0.32	21.21 2.07 -0.80	20.75 1.90 -2.72	20.99 2.15 -0.29	21.39 1.51 -7.61	23.58 1.85 -6.47	37.73 2.09 -18.52	48.83 2.98 -17.74	87.86 3.52 -47.30	102.80 4.06 -53.09	131.61 3.93 -78.64	53.12 3.17 -7.65	39.01 3.31 -0.14	34.08 2.93 -0.01
HOLTSVILLE_IC_3 23692	38.30 3.24 -6.37	30.98 2.89 -3.38	28.56 2.81 -1.48	27.62 2.69 -1.16	29.31 2.80 -1.07	30.99 3.02 -0.47	31.79 3.05 0.00	30.74 2.91 -0.64	27.54 2.66 0.00	24.23 2.50 -0.01	22.79 2.26 -0.32	21.21 2.07 -0.80	20.75 1.90 -2.72	20.99 2.15 -0.29	21.39 1.51 -7.61	23.58 1.85 -6.47	37.73 2.09 -18.52	48.83 2.98 -17.74	87.86 3.52 -47.30	102.80 4.06 -53.09	131.61 3.93 -78.64	53.12 3.17 -7.65	39.01 3.31 -0.14	34.08 2.93 -0.01
HOLTSVILLE_IC_4 23693	38.30 3.24 -6.37	30.98 2.89 -3.38	28.56 2.81 -1.48	27.62 2.69 -1.16	29.31 2.80 -1.07	30.99 3.02 -0.47	31.79 3.05 0.00	30.74 2.91 -0.64	27.54 2.66 0.00	24.23 2.50 -0.01	22.79 2.26 -0.32	21.21 2.07 -0.80	20.75 1.90 -2.72	20.99 2.15 -0.29	21.39 1.51 -7.61	23.58 1.85 -6.47	37.73 2.09 -18.52	48.83 2.98 -17.74	87.86 3.52 -47.30	102.80 4.06 -53.09	131.61 3.93 -78.64	53.12 3.17 -7.65	39.01 3.31 -0.14	34.08 2.93 -0.01
HOLTSVILLE_IC_5 23694	38.30 3.24 -6.37	30.98 2.89 -3.38	28.56 2.81 -1.48	27.62 2.69 -1.16	29.31 2.80 -1.07	30.99 3.02 -0.47	31.79 3.05 0.00	30.74 2.91 -0.64	27.54 2.66 0.00	24.23 2.50 -0.01	22.79 2.26 -0.32	21.21 2.07 -0.80	20.75 1.90 -2.72	20.99 2.15 -0.29	21.39 1.51 -7.61	23.58 1.85 -6.47	37.73 2.09 -18.52	48.83 2.98 -17.74	87.86 3.52 -47.30	102.80 4.06 -53.09	131.61 3.93 -78.64	53.12 3.17 -7.65	39.01 3.31 -0.14	34.08 2.93 -0.01
HOLTSVILLE_IC_6 23695	38.50 3.41 -6.40	31.14 3.04 -3.38	28.71 2.96 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.96 3.22 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.81 1.97 -2.72	21.09 2.24 -0.30	21.46 1.57 -7.62	23.69 1.94 -6.49	37.92 2.19 -18.61	49.37 3.18 -18.09	91.83 3.78 -51.00	107.72 4.38 -57.69	138.74 4.26 -85.43	53.95 3.51 -8.14	39.27 3.56 -0.15	34.27 3.11 -0.01
HOLTSVILLE_IC_7 23696	38.50 3.41 -6.40	31.14 3.04 -3.38	28.71 2.96 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.96 3.22 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.81 1.97 -2.72	21.09 2.24 -0.30	21.46 1.57 -7.62	23.69 1.94 -6.49	37.92 2.19 -18.61	49.37 3.18 -18.09	91.83 3.78 -51.00	107.72 4.38 -57.69	138.74 4.26 -85.43	53.95 3.51 -8.14	39.27 3.56 -0.15	34.27 3.11 -0.01
HOLTSVILLE_IC_8 23697	38.50 3.41 -6.40	31.14 3.04 -3.38	28.71 2.96 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.96 3.22 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.81 1.97 -2.72	21.09 2.24 -0.30	21.46 1.57 -7.62	23.69 1.94 -6.49	37.92 2.19 -18.61	49.37 3.18 -18.09	91.83 3.78 -51.00	107.72 4.38 -57.69	138.74 4.26 -85.43	53.95 3.51 -8.14	39.27 3.56 -0.15	34.27 3.11 -0.01
HOLTSVILLE_IC_9 23698	38.50 3.41 -6.40	31.14 3.04 -3.38	28.71 2.96 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.96 3.22 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.81 1.97 -2.72	21.09 2.24 -0.30	21.46 1.57 -7.62	23.69 1.94 -6.49	37.92 2.19 -18.61	49.37 3.18 -18.09	91.83 3.78 -51.00	107.72 4.38 -57.69	138.74 4.26 -85.43	53.95 3.51 -8.14	39.27 3.56 -0.15	34.27 3.11 -0.01
HOMER_HL_115KV_TB2 355744	27.15 -1.95 -0.42	23.86 -1.48 -0.63	23.11 -1.43 -0.28	22.57 -1.43 -0.21	23.83 -1.81 -0.20	25.47 -2.12 -0.09	26.93 -1.81 0.00	24.78 -2.53 -0.12	23.16 -1.72 0.00	20.03 -1.69 0.00	18.50 -1.70 0.00	16.65 -1.83 -0.15	15.16 -1.47 -0.51	17.07 -1.50 -0.03	12.65 -0.91 -1.29	14.87 -1.16 -0.77	17.20 -1.23 -1.31	25.49 -2.70 -0.08	33.90 -3.15 0.00	42.13 -3.51 0.00	45.02 -4.02 0.00	38.83 -3.47 0.00	32.86 -2.70 0.00	29.03 -2.12 0.00
HOWARD_WT_PWR 323690	28.36 -0.80 -0.48	24.86 -0.57 -0.71	24.05 -0.53 -0.31	23.50 -0.52 -0.25	24.92 -0.74 -0.23	26.91 -0.69 -0.10	28.11 -0.63 0.00	26.53 -0.79 -0.14	23.84 -1.04 0.00	20.55 -1.17 0.00	18.99 -1.21 0.00	17.33 -1.17 -0.17	15.77 -0.94 -0.58	17.30 -1.28 -0.03	13.22 -0.53 -1.47	15.47 -0.67 -0.89	17.90 -0.72 -1.50	26.71 -1.49 -0.09	35.34 -1.70 0.00	44.14 -1.51 0.00	47.33 -1.72 0.00	40.86 -1.44 0.00	34.35 -1.21 0.00	30.21 -0.93 0.00
HQ_GEN_CEDARS 23644	28.11 -0.57 0.00	24.22 -0.49 0.00	23.85 -0.41 0.00	23.40 -0.38 0.00	24.98 -0.46 0.00	27.00 -0.49 0.00	28.25 -0.49 0.00	26.83 -0.35 0.00	24.51 -0.37 0.00	21.50 -0.22 0.00	19.94 -0.26 0.00	18.08 -0.26 0.00	15.88 -0.24 0.00	18.29 -0.26 0.00	12.01 -0.26 0.00	14.95 -0.31 0.00	16.78 -0.34 0.00	27.77 -0.34 0.00	36.78 -0.26 0.00	45.42 -0.23 0.00	49.29 0.25 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.33 0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	28.11 -0.57 0.00	24.22 -0.49 0.00	23.85 -0.41 0.00	23.40 -0.38 0.00	24.98 -0.46 0.00	27.00 -0.49 0.00	28.25 -0.49 0.00	26.75 -0.41 0.03	24.54 -0.37 -0.03	21.50 -0.22 0.00	19.94 -0.26 0.00	18.08 -0.26 0.00	15.88 -0.24 0.00	18.33 -0.22 0.00	12.01 -0.26 0.00	14.97 -0.29 0.00	16.78 -0.34 0.00	27.77 -0.34 0.00	36.79 -0.26 0.00	45.42 -0.23 0.00	49.29 0.25 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.33 0.19 0.00

HQ_GEN_IMPORT 323601	28.31 -0.37 0.00	24.35 -0.37 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.13 -0.30 0.00	27.17 -0.33 0.00	28.43 -0.32 0.00	26.89 -0.27 0.03	24.68 -0.22 -0.03	21.59 -0.13 0.00	20.08 -0.12 0.00	18.21 -0.13 0.00	15.98 -0.15 0.00	18.46 -0.09 0.00	12.11 -0.16 0.00	15.08 -0.18 0.00	16.90 -0.22 0.00	27.85 -0.25 0.00	36.86 -0.18 0.00	45.42 -0.23 0.00	49.10 0.05 0.00	42.34 0.04 0.00	35.63 0.07 0.00	31.15 0.00 0.00
HQ_GEN_WHEEL 23651	28.31 -0.37 0.00	24.35 -0.37 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.13 -0.30 0.00	27.17 -0.33 0.00	28.43 -0.32 0.00	26.89 -0.27 0.03	24.68 -0.22 -0.03	21.59 -0.13 0.00	20.08 -0.12 0.00	18.21 -0.13 0.00	15.98 -0.15 0.00	18.46 -0.09 0.00	12.11 -0.16 0.00	15.08 -0.18 0.00	16.90 -0.22 0.00	27.85 -0.25 0.00	36.86 -0.18 0.00	45.42 -0.23 0.00	49.10 0.05 0.00	42.34 0.04 0.00	35.63 0.07 0.00	31.15 0.00 0.00
HUDSON AVE_GT_3 23810	33.18 2.27 -2.22	30.13 2.08 -3.34	27.73 1.99 -1.47	26.83 1.90 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.84 2.10 0.00	29.92 2.09 -0.64	26.95 2.07 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.04 1.89 -2.60	23.96 1.31 -10.37	24.71 1.62 -7.83	25.88 1.76 -7.00	31.19 2.64 -0.44	40.19 3.15 0.00	49.25 3.61 0.00	52.43 3.38 0.00	45.01 2.71 0.00	37.77 2.20 0.00	33.11 1.96 0.00
HUDSON AVE_GT_4 23540	33.18 2.27 -2.22	30.13 2.08 -3.34	27.73 1.99 -1.47	26.83 1.90 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.84 2.10 0.00	29.92 2.09 -0.64	26.95 2.07 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.04 1.89 -2.60	23.96 1.31 -10.37	24.71 1.62 -7.83	25.88 1.76 -7.00	31.19 2.64 -0.44	40.19 3.15 0.00	49.25 3.61 0.00	52.43 3.38 0.00	45.01 2.71 0.00	37.77 2.20 0.00	33.11 1.96 0.00
HUDSON AVE_GT_5 23657	33.18 2.27 -2.22	30.13 2.08 -3.34	27.73 1.99 -1.47	26.83 1.90 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.84 2.10 0.00	29.92 2.09 -0.64	26.95 2.07 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	23.04 1.89 -2.60	23.96 1.31 -10.37	24.71 1.62 -7.83	25.88 1.76 -7.00	31.19 2.64 -0.44	40.19 3.15 0.00	49.25 3.61 0.00	52.43 3.38 0.00	45.01 2.71 0.00	37.77 2.20 0.00	33.11 1.96 0.00
HUDSON_AVE_10 24168	33.06 2.15 -2.22	30.04 1.98 -3.34	27.66 1.92 -1.47	26.73 1.81 -1.15	28.36 1.86 -1.06	29.88 1.92 -0.46	30.75 2.01 0.00	29.86 2.04 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.02 1.87 -2.60	23.94 1.30 -10.37	24.70 1.60 -7.83	25.87 1.75 -7.00	31.13 2.59 -0.44	40.04 3.00 0.00	49.12 3.47 0.00	52.28 3.24 0.00	44.88 2.58 0.00	37.66 2.10 0.00	33.01 1.87 0.00
HUDSON___115KV_TB 4 355613	32.30 0.92 -2.69	29.55 0.79 -4.05	26.80 0.75 -1.78	25.93 0.76 -1.39	27.54 0.81 -1.29	28.96 0.91 -0.55	29.80 1.06 0.00	28.72 0.76 -0.77	25.63 0.75 0.00	22.24 0.52 0.00	20.65 0.44 0.00	19.61 0.31 -0.96	19.66 0.26 -3.28	19.09 0.35 -0.19	20.81 0.20 -8.35	20.55 0.27 -5.02	25.92 0.33 -8.48	29.42 0.79 -0.53	38.34 1.30 0.00	47.15 1.51 0.00	50.37 1.32 0.00	43.49 1.18 0.00	36.63 1.07 0.00	32.11 0.97 0.00
HUNTER MOUNT___DRP 323613	32.12 0.80 -2.62	29.33 0.67 -3.95	26.64 0.63 -1.74	25.77 0.64 -1.35	27.38 0.69 -1.26	28.81 0.77 -0.54	29.83 1.09 0.00	28.57 0.63 -0.75	25.55 0.67 0.00	22.16 0.43 0.00	20.55 0.34 0.00	19.40 0.13 -0.94	19.42 0.10 -3.20	18.97 0.24 -0.18	20.48 0.07 -8.14	20.29 0.14 -4.89	25.56 0.17 -8.27	29.21 0.59 -0.51	38.34 1.30 0.00	47.20 1.55 0.00	50.37 1.32 0.00	43.57 1.27 0.00	36.70 1.14 0.00	32.14 1.00 0.00
HUNTINGTON_RES_REC 323705	38.21 3.13 -6.40	30.87 2.79 -3.36	28.49 2.74 -1.49	27.57 2.64 -1.16	29.26 2.75 -1.07	30.88 2.91 -0.47	31.73 2.99 0.00	30.68 2.85 -0.64	27.49 2.61 0.00	24.20 2.48 -0.01	22.79 2.26 -0.32	21.19 2.05 -0.80	20.75 1.90 -2.72	21.00 2.15 -0.30	21.39 1.50 -7.62	23.56 1.80 -6.50	37.79 2.02 -18.65	44.45 3.01 -13.33	17.27 3.56 23.33	10.91 4.11 38.85	-5.53 3.97 58.55	43.41 3.21 2.11	38.80 3.20 -0.04	33.96 2.80 -0.01
HUNTLEY___63 23557	27.32 -1.72 -0.35	23.98 -1.26 -0.52	23.24 -1.26 -0.23	22.70 -1.26 -0.18	23.92 -1.68 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.81 -2.47 -0.10	22.72 -2.16 0.00	19.59 -2.13 0.00	18.10 -2.10 0.00	16.61 -1.85 -0.12	15.10 -1.45 -0.43	16.75 -1.82 -0.02	12.50 -0.85 -1.08	14.81 -1.10 -0.65	17.00 -1.22 -1.10	25.37 -2.81 -0.07	32.97 -4.07 0.00	40.95 -4.70 0.00	43.75 -5.30 0.00	37.99 -4.31 0.00	32.40 -3.16 0.00	28.87 -2.27 0.00
HUNTLEY___64 23558	27.32 -1.72 -0.35	23.98 -1.26 -0.52	23.24 -1.26 -0.23	22.70 -1.26 -0.18	23.92 -1.68 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.81 -2.47 -0.10	22.72 -2.16 0.00	19.59 -2.13 0.00	18.10 -2.10 0.00	16.61 -1.85 -0.12	15.10 -1.45 -0.43	16.75 -1.82 -0.02	12.50 -0.85 -1.08	14.81 -1.10 -0.65	17.00 -1.22 -1.10	25.37 -2.81 -0.07	32.97 -4.07 0.00	40.95 -4.70 0.00	43.75 -5.30 0.00	37.99 -4.31 0.00	32.40 -3.16 0.00	28.87 -2.27 0.00
HUNTLEY___65 23559	27.32 -1.72 -0.35	23.98 -1.26 -0.52	23.24 -1.26 -0.23	22.70 -1.26 -0.18	23.92 -1.68 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.81 -2.47 -0.10	22.72 -2.16 0.00	19.59 -2.13 0.00	18.10 -2.10 0.00	16.61 -1.85 -0.12	15.10 -1.45 -0.43	16.75 -1.82 -0.02	12.50 -0.85 -1.08	14.81 -1.10 -0.65	17.00 -1.22 -1.10	25.37 -2.81 -0.07	32.97 -4.07 0.00	40.95 -4.70 0.00	43.75 -5.30 0.00	37.99 -4.31 0.00	32.40 -3.16 0.00	28.87 -2.27 0.00
HUNTLEY___66 23560	27.32 -1.72 -0.35	23.98 -1.26 -0.52	23.24 -1.26 -0.23	22.70 -1.26 -0.18	23.92 -1.68 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.81 -2.47 -0.10	22.72 -2.16 0.00	19.59 -2.13 0.00	18.10 -2.10 0.00	16.61 -1.85 -0.12	15.10 -1.45 -0.43	16.75 -1.82 -0.02	12.50 -0.85 -1.08	14.81 -1.10 -0.65	17.00 -1.22 -1.10	25.37 -2.81 -0.07	32.97 -4.07 0.00	40.95 -4.70 0.00	43.75 -5.30 0.00	37.99 -4.31 0.00	32.40 -3.16 0.00	28.87 -2.27 0.00
HUNTLEY___67 23561	27.26 -1.78 -0.36	23.89 -1.36 -0.53	23.14 -1.36 -0.24	22.61 -1.36 -0.18	23.85 -1.75 -0.17	25.51 -2.06 -0.07	26.56 -2.18 0.00	24.76 -2.53 -0.10	22.72 -2.16 0.00	19.61 -2.11 0.00	18.10 -2.10 0.00	16.59 -1.87 -0.13	15.10 -1.45 -0.43	16.77 -1.80 -0.03	12.53 -0.85 -1.10	14.81 -1.11 -0.66	16.99 -1.25 -1.12	25.37 -2.81 -0.07	33.01 -4.04 0.00	40.90 -4.75 0.00	43.70 -5.35 0.00	37.90 -4.40 0.00	32.32 -3.24 0.00	28.78 -2.37 0.00
HUNTLEY___68 23562	27.26 -1.78 -0.36	23.89 -1.36 -0.53	23.14 -1.36 -0.24	22.61 -1.36 -0.18	23.85 -1.75 -0.17	25.51 -2.06 -0.07	26.56 -2.18 0.00	24.76 -2.53 -0.10	22.72 -2.16 0.00	19.61 -2.11 0.00	18.10 -2.10 0.00	16.59 -1.87 -0.13	15.10 -1.45 -0.43	16.77 -1.80 -0.03	12.53 -0.85 -1.10	14.81 -1.11 -0.66	16.99 -1.25 -1.12	25.37 -2.81 -0.07	33.01 -4.04 0.00	40.90 -4.75 0.00	43.70 -5.35 0.00	37.90 -4.40 0.00	32.32 -3.24 0.00	28.78 -2.37 0.00

HYLAND___LFGE 323620	29.17 0.09 -0.39	25.53 0.22 -0.59	24.65 0.12 -0.26	24.12 0.14 -0.20	25.55 -0.08 -0.19	27.50 -0.08 -0.08	28.63 -0.11 0.00	26.92 -0.38 -0.11	23.91 -0.97 0.00	20.42 -1.30 0.00	18.81 -1.39 0.00	17.18 -1.30 -0.14	15.52 -1.08 -0.48	17.09 -1.48 -0.03	12.86 -0.63 -1.21	15.21 -0.78 -0.73	17.57 -0.79 -1.23	26.67 -1.52 -0.08	35.52 -1.52 0.00	44.91 -0.73 0.00	48.56 -0.49 0.00	41.80 -0.51 0.00	35.20 -0.36 0.00	30.86 -0.28 0.00
INDECK___CORINTH 23802	32.79 1.26 -2.84	30.07 1.09 -4.27	27.19 1.04 -1.88	26.29 1.05 -1.46	27.94 1.15 -1.36	29.32 1.24 -0.58	29.95 1.21 0.00	29.06 1.06 -0.82	25.73 0.85 0.00	22.31 0.59 0.00	20.71 0.51 0.00	19.79 0.44 -1.01	19.91 0.32 -3.46	19.08 0.33 -0.20	21.29 0.22 -8.80	20.88 0.34 -5.29	26.50 0.44 -8.93	29.79 1.13 -0.56	38.71 1.67 0.00	47.75 2.10 0.00	51.20 2.16 0.00	44.12 1.82 0.00	37.09 1.53 0.00	32.36 1.21 0.00
INDECK___ILION 23567	28.52 -0.17 0.00	24.57 -0.15 0.00	24.10 -0.17 0.00	23.63 -0.14 0.00	25.31 -0.13 0.00	27.36 -0.14 0.00	28.60 -0.14 0.00	27.05 -0.14 0.00	24.76 -0.12 0.00	21.57 -0.15 0.00	20.06 -0.14 0.00	18.21 -0.13 0.00	16.01 -0.11 0.00	18.40 -0.15 0.00	12.20 -0.07 0.00	15.17 -0.09 0.00	17.03 -0.09 0.00	27.97 -0.14 0.00	36.90 -0.15 0.00	45.46 -0.18 0.00	48.80 -0.25 0.00	42.09 -0.21 0.00	35.38 -0.18 0.00	30.99 -0.16 0.00
INDECK___OLEAN 23982	27.15 -1.95 -0.42	23.86 -1.48 -0.63	23.11 -1.43 -0.28	22.57 -1.43 -0.21	23.83 -1.81 -0.20	25.93 -1.65 -0.09	26.99 -1.75 0.00	25.59 -1.71 -0.12	23.16 -1.72 0.00	20.03 -1.69 0.00	18.50 -1.70 0.00	16.65 -1.83 -0.15	15.16 -1.47 -0.51	16.63 -1.95 -0.03	12.65 -0.91 -1.29	14.87 -1.16 -0.77	17.20 -1.23 -1.31	25.49 -2.70 -0.08	33.90 -3.15 0.00	42.13 -3.51 0.00	45.03 -4.02 0.00	38.83 -3.47 0.00	32.86 -2.70 0.00	29.03 -2.12 0.00
INDECK___OSWEGO 23783	28.21 -0.63 -0.16	24.43 -0.52 -0.24	23.84 -0.53 -0.10	23.31 -0.55 -0.08	24.90 -0.61 -0.08	26.87 -0.66 -0.03	28.05 -0.69 0.00	26.55 -0.68 -0.05	24.18 -0.70 0.00	21.03 -0.70 0.00	19.55 -0.65 0.00	17.81 -0.59 -0.06	15.81 -0.50 -0.19	17.95 -0.61 -0.01	12.42 -0.34 -0.49	15.13 -0.43 -0.29	17.14 -0.48 -0.50	27.24 -0.90 -0.03	35.82 -1.22 0.00	44.23 -1.42 0.00	47.47 -1.57 0.00	40.95 -1.36 0.00	34.42 -1.14 0.00	30.18 -0.97 0.00
INDECK___YERKES 23781	27.34 -1.69 -0.35	23.98 -1.26 -0.52	23.26 -1.24 -0.23	22.70 -1.26 -0.18	23.95 -1.65 -0.17	25.59 -1.98 -0.07	26.70 -2.04 0.00	25.25 -2.04 -0.10	22.74 -2.14 0.00	19.61 -2.11 0.00	18.10 -2.10 0.00	16.61 -1.85 -0.12	15.10 -1.45 -0.43	16.59 -1.98 -0.02	12.52 -0.83 -1.08	14.81 -1.10 -0.65	17.02 -1.20 -1.10	25.37 -2.81 -0.07	33.01 -4.04 0.00	40.95 -4.70 0.00	43.80 -5.25 0.00	38.03 -4.27 0.00	32.43 -3.13 0.00	28.87 -2.27 0.00
INDIAN POINT_GT_1 24139	32.83 1.95 -2.19	29.80 1.78 -3.30	27.42 1.70 -1.45	26.53 1.62 -1.13	28.16 1.68 -1.05	29.71 1.76 -0.45	30.55 1.81 0.00	29.58 1.77 -0.63	26.62 1.74 0.00	23.31 1.59 0.00	21.76 1.56 0.00	20.59 1.47 -0.78	20.17 1.37 -2.68	20.33 1.56 -0.22	20.26 1.09 -6.90	20.78 1.33 -4.19	25.52 1.49 -6.91	30.79 2.25 -0.43	39.79 2.74 0.00	48.75 3.10 0.00	52.04 2.99 0.00	44.63 2.33 0.00	37.48 1.92 0.00	32.83 1.68 0.00
INDIAN POINT_GT_2 23659	32.83 1.95 -2.19	29.80 1.78 -3.30	27.42 1.70 -1.45	26.53 1.62 -1.13	28.16 1.68 -1.05	29.71 1.76 -0.45	30.55 1.81 0.00	29.58 1.77 -0.63	26.62 1.74 0.00	23.31 1.59 0.00	21.76 1.56 0.00	20.59 1.47 -0.78	20.17 1.37 -2.68	20.33 1.56 -0.22	20.26 1.09 -6.90	20.78 1.33 -4.19	25.52 1.49 -6.91	30.79 2.25 -0.43	39.79 2.74 0.00	48.75 3.10 0.00	52.04 2.99 0.00	44.63 2.33 0.00	37.48 1.92 0.00	32.83 1.68 0.00
INDIAN POINT_GT_3 24019	32.83 1.95 -2.19	29.80 1.78 -3.30	27.42 1.70 -1.45	26.53 1.62 -1.13	28.16 1.68 -1.05	29.71 1.76 -0.45	30.55 1.81 0.00	29.58 1.77 -0.63	26.62 1.74 0.00	23.31 1.59 0.00	21.76 1.56 0.00	20.59 1.47 -0.78	20.17 1.37 -2.68	20.33 1.56 -0.22	20.26 1.09 -6.90	20.78 1.33 -4.19	25.52 1.49 -6.91	30.79 2.25 -0.43	39.79 2.74 0.00	48.75 3.10 0.00	52.04 2.99 0.00	44.63 2.33 0.00	37.48 1.92 0.00	32.83 1.68 0.00
INDIAN POINT___2 23530	32.78 1.92 -2.17	29.74 1.75 -3.27	27.40 1.70 -1.44	26.52 1.62 -1.12	28.13 1.65 -1.04	29.70 1.76 -0.44	30.52 1.78 0.00	29.61 1.79 -0.62	26.60 1.72 0.00	23.31 1.58 0.00	21.76 1.56 0.00	20.56 1.45 -0.78	20.13 1.35 -2.65	20.29 1.52 -0.22	20.18 1.08 -6.83	20.74 1.33 -4.15	25.43 1.47 -6.84	30.75 2.22 -0.43	39.75 2.70 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.59 2.28 0.00	37.44 1.88 0.00	32.80 1.65 0.00
INDIAN POINT___3 23531	32.81 1.92 -2.20	29.78 1.75 -3.31	27.42 1.70 -1.46	26.53 1.62 -1.14	28.14 1.65 -1.05	29.68 1.73 -0.45	30.52 1.78 0.00	29.59 1.77 -0.63	26.60 1.72 0.00	23.31 1.59 0.00	21.76 1.56 0.00	20.57 1.45 -0.79	20.16 1.35 -2.69	20.31 1.54 -0.22	20.27 1.08 -6.92	20.79 1.33 -4.20	25.53 1.47 -6.93	30.76 2.22 -0.43	39.75 2.70 0.00	48.75 3.10 0.00	51.99 2.94 0.00	44.63 2.33 0.00	37.45 1.88 0.00	32.80 1.65 0.00
INGHAM_C_115KV_TB7 356103	27.94 -0.75 0.00	24.07 -0.64 0.00	23.64 -0.63 0.00	23.16 -0.62 0.00	24.82 -0.61 0.00	26.87 -0.63 0.00	28.08 -0.66 0.00	26.56 -0.63 0.00	24.31 -0.57 0.00	21.20 -0.52 0.00	19.72 -0.48 0.00	17.90 -0.44 0.00	15.73 -0.39 0.00	18.08 -0.46 0.00	11.98 -0.29 0.00	14.91 -0.35 0.00	16.73 -0.39 0.00	27.49 -0.62 0.00	36.27 -0.78 0.00	44.69 -0.96 0.00	48.07 -0.98 0.00	41.46 -0.85 0.00	34.81 -0.75 0.00	30.52 -0.62 0.00
IP CORINTH___1 23988	32.79 1.26 -2.84	30.07 1.09 -4.27	27.19 1.04 -1.88	26.29 1.05 -1.46	27.94 1.14 -1.36	29.32 1.24 -0.58	29.98 1.24 0.00	29.06 1.06 -0.82	25.73 0.85 0.00	22.31 0.59 0.00	20.71 0.51 0.00	19.79 0.44 -1.01	19.91 0.32 -3.46	19.08 0.33 -0.20	21.29 0.22 -8.80	20.88 0.34 -5.29	26.50 0.45 -8.93	29.79 1.12 -0.56	38.71 1.67 0.00	47.75 2.10 0.00	51.20 2.16 0.00	44.12 1.82 0.00	37.09 1.53 0.00	32.36 1.21 0.00
IP___TICONDEROGA 23804	33.21 1.69 -2.83	30.41 1.43 -4.26	27.55 1.41 -1.88	26.64 1.40 -1.46	28.34 1.55 -1.36	29.81 1.73 -0.58	30.41 1.67 0.00	29.39 1.39 -0.81	25.90 1.02 0.00	22.35 0.63 0.00	20.73 0.53 0.00	19.79 0.44 -1.01	19.85 0.27 -3.46	19.04 0.30 -0.20	21.23 0.17 -8.79	20.86 0.32 -5.28	26.51 0.46 -8.93	30.04 1.38 -0.56	39.27 2.22 0.00	48.66 3.01 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.80 2.24 0.00	32.89 1.74 0.00
ISLIP_RES_REC 323679	38.63 3.53 -6.42	31.24 3.14 -3.38	28.78 3.03 -1.48	27.83 2.90 -1.16	29.53 3.03 -1.07	31.23 3.27 -0.47	32.05 3.30 0.00	30.95 3.13 -0.64	27.72 2.84 0.00	24.38 2.65 -0.01	22.93 2.40 -0.32	21.32 2.18 -0.80	20.86 2.01 -2.72	21.13 2.28 -0.30	21.49 1.59 -7.62	23.75 1.98 -6.50	38.02 2.24 -18.66	49.29 3.29 -17.90	88.04 3.97 -47.03	102.80 4.61 -52.55	131.34 4.51 -77.79	53.59 3.68 -7.61	39.40 3.70 -0.15	34.39 3.24 -0.01

JAMAICA__27_KV_LOAD 355505	33.03 2.12 -2.22	30.04 1.98 -3.34	27.63 1.89 -1.47	26.73 1.81 -1.15	28.33 1.83 -1.06	29.88 1.92 -0.46	30.81 2.07 0.00	29.95 2.12 -0.64	27.02 2.14 0.00	23.70 1.98 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.51 1.68 -2.71	23.11 1.97 -2.60	24.02 1.37 -10.37	24.77 1.68 -7.83	25.94 1.81 -7.00	31.21 2.67 -0.44	40.08 3.04 0.00	49.16 3.51 0.00	52.38 3.34 0.00	44.93 2.62 0.00	37.77 2.20 0.00	33.01 1.87 0.00
JANIS__SOLAR 323808	30.25 0.95 -0.61	26.50 0.86 -0.92	25.47 0.80 -0.41	24.88 0.78 -0.32	26.57 0.84 -0.29	28.61 0.99 -0.13	29.77 1.03 0.00	28.18 0.81 -0.18	25.28 0.40 0.00	21.72 0.00 0.00	20.06 -0.14 0.00	18.37 -0.18 -0.22	16.71 -0.16 -0.75	18.28 -0.32 -0.04	14.07 -0.10 -1.90	16.34 -0.06 -1.14	19.12 0.07 -1.93	28.51 0.28 -0.12	38.01 0.96 0.00	47.43 1.78 0.00	51.11 2.06 0.00	43.95 1.65 0.00	36.73 1.17 0.00	32.14 1.00 0.00
JARVIS____ 23743	28.80 0.12 0.00	24.81 0.10 0.00	24.36 0.10 0.00	23.87 0.10 0.00	25.54 0.10 0.00	27.61 0.11 0.00	28.86 0.12 0.00	27.27 0.08 0.00	24.96 0.07 0.00	21.76 0.04 0.00	20.24 0.04 0.00	18.39 0.06 0.00	16.17 0.05 0.00	18.58 0.04 0.00	12.32 0.05 0.00	15.32 0.06 0.00	17.19 0.07 0.00	28.22 0.11 0.00	37.16 0.11 0.00	45.78 0.14 0.00	49.14 0.10 0.00	42.34 0.04 0.00	35.60 0.04 0.00	31.18 0.03 0.00
JENNISON____1 23625	30.59 1.12 -0.78	26.93 1.04 -1.18	25.76 0.97 -0.52	25.13 0.95 -0.40	26.88 1.07 -0.38	28.81 1.15 -0.16	29.95 1.21 0.00	28.36 0.95 -0.23	25.60 0.72 0.00	22.11 0.39 0.00	20.44 0.24 0.00	18.82 0.20 -0.28	17.27 0.19 -0.96	18.75 0.15 -0.06	14.89 0.18 -2.43	17.00 0.27 -1.46	20.00 0.41 -2.47	28.96 0.70 -0.15	38.45 1.41 0.00	47.79 2.15 0.00	51.45 2.40 0.00	44.21 1.90 0.00	37.02 1.46 0.00	32.39 1.25 0.00
JENNISON____2 23626	30.59 1.12 -0.78	26.93 1.04 -1.18	25.76 0.97 -0.52	25.13 0.95 -0.40	26.88 1.07 -0.38	28.81 1.15 -0.16	29.95 1.21 0.00	28.36 0.95 -0.23	25.60 0.72 0.00	22.11 0.39 0.00	20.44 0.24 0.00	18.82 0.20 -0.28	17.27 0.19 -0.96	18.75 0.15 -0.06	14.89 0.18 -2.43	17.00 0.27 -1.46	20.00 0.41 -2.47	28.96 0.70 -0.15	38.45 1.41 0.00	47.79 2.15 0.00	51.45 2.40 0.00	44.21 1.90 0.00	37.02 1.46 0.00	32.39 1.25 0.00
JERICOHO_RISE_WT_PWR 323719	28.06 -0.63 0.00	24.22 -0.49 0.00	23.88 -0.39 0.00	23.44 -0.33 0.00	25.05 -0.38 0.00	27.11 -0.38 0.00	28.40 -0.34 0.00	26.92 -0.27 0.00	24.66 -0.22 0.00	21.63 -0.09 0.00	20.08 -0.12 0.00	18.19 -0.15 0.00	15.96 -0.16 0.00	18.44 -0.11 0.00	12.07 -0.20 0.00	15.03 -0.23 0.00	16.86 -0.26 0.00	27.91 -0.20 0.00	36.97 -0.07 0.00	45.60 -0.05 0.00	49.39 0.35 0.00	42.60 0.30 0.00	35.84 0.28 0.00	31.24 0.09 0.00
KATONAH__115KV_46KV_TB4 355592	33.00 2.07 -2.25	29.95 1.85 -3.38	27.53 1.77 -1.49	26.65 1.71 -1.16	28.29 1.78 -1.08	29.83 1.87 -0.46	30.70 1.95 0.00	29.74 1.90 -0.65	26.70 1.82 0.00	23.35 1.63 0.00	21.82 1.62 0.00	20.63 1.49 -0.80	20.27 1.40 -2.75	20.30 1.60 -0.16	20.36 1.12 -6.98	20.81 1.36 -4.19	25.75 1.54 -7.09	30.88 2.33 -0.44	39.93 2.89 0.00	48.93 3.29 0.00	52.28 3.24 0.00	44.88 2.58 0.00	37.66 2.10 0.00	32.95 1.81 0.00
KCE_NY_1 323755	32.95 1.43 -2.83	30.18 1.21 -4.26	27.33 1.19 -1.87	26.43 1.19 -1.46	28.06 1.27 -1.36	29.45 1.37 -0.58	30.12 1.38 0.00	29.23 1.22 -0.81	25.90 1.02 0.00	22.48 0.76 0.00	20.87 0.67 0.00	19.94 0.59 -1.01	20.06 0.48 -3.45	19.27 0.52 -0.20	21.40 0.36 -8.78	21.02 0.49 -5.28	26.63 0.60 -8.91	29.93 1.27 -0.56	38.82 1.78 0.00	47.84 2.19 0.00	51.20 2.16 0.00	44.21 1.91 0.00	37.16 1.60 0.00	32.51 1.37 0.00
KCE_NY_6_ESR 323823	27.42 -1.63 -0.37	24.04 -1.24 -0.56	23.30 -1.21 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.79 -1.79 -0.08	26.87 -1.87 0.00	25.44 -1.85 -0.11	22.91 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.66 -1.91 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.14 -1.15 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
KEDC_PORT_JEFF_GT2 24210	38.50 3.41 -6.40	31.14 3.04 -3.38	28.68 2.94 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.93 3.19 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.83 1.98 -2.72	21.09 2.24 -0.30	21.45 1.57 -7.61	23.68 1.94 -6.48	37.89 2.19 -18.58	49.74 3.20 -18.42	97.34 3.67 -56.62	114.76 4.25 -64.87	149.25 4.12 -96.08	54.58 3.39 -8.89	39.24 3.52 -0.16	34.27 3.11 -0.01
KEDC_PORT_JEFF_GT3 24211	38.50 3.41 -6.40	31.14 3.04 -3.38	28.68 2.94 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.93 3.19 0.00	30.87 3.04 -0.64	27.64 2.76 0.00	24.31 2.58 -0.01	22.89 2.36 -0.32	21.29 2.14 -0.80	20.83 1.98 -2.72	21.09 2.24 -0.30	21.45 1.57 -7.61	23.68 1.94 -6.48	37.89 2.19 -18.58	49.74 3.20 -18.42	97.34 3.67 -56.62	114.76 4.25 -64.87	149.25 4.12 -96.08	54.58 3.39 -8.89	39.24 3.52 -0.16	34.27 3.11 -0.01
KEDC_GLWD_GT4 24219	40.17 2.49 -8.99	30.35 2.25 -3.39	27.96 2.21 -1.49	27.06 2.12 -1.16	28.70 2.19 -1.08	30.28 2.31 -0.47	31.13 2.38 0.00	30.16 2.34 -0.64	27.07 2.19 0.00	23.79 2.06 -0.01	22.72 1.96 -0.56	20.96 1.82 -0.81	20.53 1.68 -2.73	20.97 1.89 -0.53	21.92 1.33 -8.33	25.25 1.60 -8.39	45.86 1.76 -26.98	56.50 2.64 -25.75	50.19 3.19 -9.96	49.57 3.70 -0.23	52.69 3.53 -0.12	48.71 2.83 -3.57	38.24 2.53 -0.15	33.40 2.24 -0.02
KEDC_GLWD_GT5 24220	40.17 2.49 -8.99	30.35 2.25 -3.39	27.96 2.21 -1.49	27.06 2.12 -1.16	28.70 2.19 -1.08	30.28 2.31 -0.47	31.13 2.38 0.00	30.16 2.34 -0.64	27.07 2.19 0.00	23.79 2.06 -0.01	22.72 1.96 -0.56	20.96 1.82 -0.81	20.53 1.68 -2.73	20.97 1.89 -0.53	21.92 1.33 -8.33	25.25 1.60 -8.39	45.86 1.76 -26.98	56.50 2.64 -25.75	50.19 3.19 -9.96	49.57 3.70 -0.23	52.69 3.53 -0.12	48.71 2.83 -3.57	38.24 2.53 -0.15	33.40 2.24 -0.02
KENSICO____ 23655	32.94 2.04 -2.22	29.90 1.85 -3.34	27.53 1.80 -1.47	26.63 1.71 -1.14	28.25 1.75 -1.06	29.79 1.84 -0.45	30.64 1.90 0.00	29.70 1.88 -0.64	26.70 1.82 0.00	23.39 1.67 0.00	21.86 1.66 0.00	20.67 1.54 -0.79	20.26 1.43 -2.71	20.44 1.65 -0.24	20.42 1.15 -7.00	20.93 1.40 -4.26	25.66 1.56 -6.99	30.88 2.33 -0.44	39.90 2.85 0.00	48.89 3.24 0.00	52.14 3.09 0.00	44.76 2.45 0.00	37.59 2.03 0.00	32.92 1.78 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.75 1.92 -2.14	29.66 1.73 -3.22	27.33 1.65 -1.42	26.47 1.59 -1.10	28.11 1.65 -1.02	29.70 1.76 -0.44	30.55 1.81 0.00	29.54 1.74 -0.61	26.50 1.62 0.00	23.13 1.41 0.00	21.54 1.33 0.00	20.33 1.23 -0.76	19.91 1.18 -2.61	20.01 1.32 -0.15	19.83 0.93 -6.63	20.39 1.14 -3.99	25.17 1.32 -6.74	30.58 2.05 -0.42	39.71 2.67 0.00	48.84 3.20 0.00	52.09 3.04 0.00	44.80 2.50 0.00	37.59 2.03 0.00	32.86 1.71 0.00

KIAC_JFK_GT1 23816	32.89 1.98 -2.22	29.91 1.85 -3.34	27.51 1.77 -1.47	26.61 1.69 -1.15	28.20 1.70 -1.06	29.74 1.79 -0.46	30.67 1.93 0.00	29.81 1.98 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.43 1.60 -2.71	23.02 1.87 -2.60	23.94 1.30 -10.37	24.70 1.60 -7.83	25.85 1.73 -7.00	31.05 2.50 -0.44	39.75 2.70 0.00	48.75 3.10 0.00	51.94 2.89 0.00	44.50 2.20 0.00	37.59 2.03 0.00	32.86 1.71 0.00
KIAC_JFK_GT2 23817	32.89 1.98 -2.22	29.91 1.85 -3.34	27.51 1.77 -1.47	26.61 1.69 -1.15	28.20 1.70 -1.06	29.74 1.79 -0.46	30.67 1.93 0.00	29.81 1.98 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.43 1.60 -2.71	23.02 1.87 -2.60	23.94 1.30 -10.37	24.70 1.60 -7.83	25.85 1.73 -7.00	31.05 2.50 -0.44	39.75 2.70 0.00	48.75 3.10 0.00	51.94 2.89 0.00	44.50 2.20 0.00	37.59 2.03 0.00	32.86 1.71 0.00
KIAC_JFK____ 323774	32.89 1.98 -2.22	29.91 1.85 -3.34	27.51 1.77 -1.47	26.61 1.69 -1.15	28.20 1.70 -1.06	29.80 1.84 -0.46	30.67 1.93 0.00	29.89 2.07 -0.64	26.90 2.01 0.00	23.59 1.87 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.43 1.60 -2.71	23.00 1.85 -2.60	23.94 1.30 -10.37	24.70 1.60 -7.83	25.85 1.73 -7.00	31.04 2.50 -0.44	39.75 2.70 0.00	48.75 3.11 0.00	51.94 2.89 0.00	44.50 2.20 0.00	37.59 2.03 0.00	32.86 1.71 0.00
KINTIGH__24_KV_GSU 356498	27.59 -1.41 -0.31	24.09 -1.09 -0.46	23.40 -1.07 -0.20	22.87 -1.07 -0.16	24.16 -1.42 -0.15	25.88 -1.68 -0.06	26.82 -1.93 0.00	25.21 -2.07 -0.09	22.97 -1.92 0.00	19.85 -1.87 0.00	18.34 -1.86 0.00	16.91 -1.54 -0.11	15.30 -1.19 -0.37	16.97 -1.60 -0.02	12.53 -0.69 -0.95	14.93 -0.90 -0.57	17.06 -1.03 -0.96	25.83 -2.33 -0.06	33.45 -3.59 0.00	41.40 -4.25 0.00	44.34 -4.71 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.06 -2.09 0.00
KINTIGH____ 23543	27.59 -1.41 -0.31	24.09 -1.09 -0.46	23.40 -1.07 -0.20	22.87 -1.07 -0.16	24.16 -1.42 -0.15	25.88 -1.68 -0.06	26.82 -1.93 0.00	25.21 -2.07 -0.09	22.97 -1.92 0.00	19.85 -1.87 0.00	18.34 -1.86 0.00	16.91 -1.54 -0.11	15.30 -1.19 -0.37	16.97 -1.60 -0.02	12.53 -0.69 -0.95	14.93 -0.90 -0.57	17.06 -1.03 -0.96	25.83 -2.33 -0.06	33.45 -3.59 0.00	41.40 -4.25 0.00	44.34 -4.71 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.06 -2.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.40 -0.29 0.00	24.54 -0.17 0.00	24.24 -0.02 0.00	23.80 0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.74 0.00 0.00	27.30 0.11 0.00	24.96 0.07 0.00	21.92 0.20 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.15 0.03 0.00	18.60 0.06 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.09 -0.03 0.00	28.33 0.22 0.00	37.53 0.48 0.00	46.29 0.64 0.00	50.22 1.18 0.00	43.23 0.93 0.00	36.38 0.82 0.00	31.61 0.47 0.00
LACHUTE____HYDRO 323717	33.21 1.69 -2.83	30.41 1.43 -4.26	27.55 1.41 -1.88	26.64 1.40 -1.46	28.34 1.55 -1.36	29.81 1.73 -0.58	30.41 1.67 0.00	29.39 1.39 -0.81	25.90 1.02 0.00	22.35 0.63 0.00	20.73 0.52 0.00	19.79 0.44 -1.01	19.85 0.27 -3.46	19.03 0.28 -0.20	21.23 0.17 -8.79	20.86 0.32 -5.28	26.51 0.46 -8.93	30.04 1.38 -0.56	39.27 2.22 0.00	48.66 3.01 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.80 2.24 0.00	32.89 1.74 0.00
LAWRNCV_115KV_TB1 80681	27.54 -1.15 0.00	23.73 -0.99 0.00	23.37 -0.90 0.00	22.94 -0.83 0.00	24.52 -0.92 0.00	26.51 -0.99 0.00	27.74 -1.01 0.00	26.34 -0.84 0.00	24.04 -0.85 0.00	21.07 -0.65 0.00	19.54 -0.67 0.00	17.70 -0.64 0.00	15.54 -0.58 0.00	17.90 -0.65 0.00	11.73 -0.54 0.00	14.63 -0.63 0.00	16.44 -0.68 0.00	27.26 -0.84 0.00	36.19 -0.85 0.00	44.73 -0.91 0.00	48.65 -0.39 0.00	42.18 -0.13 0.00	35.45 -0.11 0.00	30.83 -0.31 0.00
LEDERLE____ 23769	32.84 2.01 -2.15	29.78 1.83 -3.23	27.44 1.75 -1.42	26.55 1.66 -1.11	28.19 1.73 -1.03	29.75 1.81 -0.44	30.58 1.84 0.00	29.60 1.79 -0.62	26.65 1.77 0.00	23.33 1.61 0.00	21.76 1.56 0.00	20.57 1.47 -0.77	20.11 1.37 -2.62	20.26 1.56 -0.15	20.02 1.09 -6.66	20.61 1.34 -4.00	25.38 1.49 -6.77	30.81 2.28 -0.42	39.86 2.82 0.00	48.89 3.24 0.00	52.14 3.09 0.00	44.76 2.45 0.00	37.55 1.99 0.00	32.89 1.74 0.00
LIGHTHSE_115KV_TB6 355974	28.33 -0.52 -0.15	24.53 -0.42 -0.23	23.91 -0.46 -0.10	23.41 -0.45 -0.08	25.05 -0.46 -0.07	27.01 -0.52 -0.03	28.11 -0.63 0.00	26.58 -0.65 -0.04	24.18 -0.70 0.00	21.03 -0.70 0.00	19.54 -0.67 0.00	17.79 -0.61 -0.06	15.78 -0.53 -0.19	17.89 -0.67 -0.01	12.34 -0.40 -0.48	15.06 -0.49 -0.29	17.06 -0.55 -0.49	27.24 -0.90 -0.03	36.04 -1.00 0.00	44.69 -0.96 0.00	48.11 -0.93 0.00	41.54 -0.76 0.00	34.85 -0.71 0.00	30.52 -0.62 0.00
LINDEN COGEN____ 23786	23.89 2.09 6.89	23.54 1.93 3.10	23.35 1.87 2.79	26.68 1.76 -1.15	28.28 1.78 -1.06	29.85 1.90 -0.46	30.67 1.93 0.00	29.81 1.98 -0.64	26.80 1.92 0.00	23.52 1.80 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.41 1.58 -2.71	22.91 1.80 -2.57	23.34 1.26 -9.81	23.60 1.56 -6.78	25.81 1.70 -6.99	28.72 2.53 1.92	38.89 2.93 1.08	48.97 3.33 0.01	52.09 3.04 0.00	44.28 2.41 0.43	37.55 1.99 0.00	32.92 1.77 0.00
LINDHRST_69_KV_BK1 356055	38.61 3.13 -6.79	30.86 2.77 -3.37	28.44 2.69 -1.48	27.53 2.59 -1.16	29.20 2.70 -1.07	30.80 2.83 -0.47	31.67 2.93 0.00	30.57 2.75 -0.64	27.47 2.59 0.00	24.15 2.43 0.00	22.78 2.22 -0.36	21.18 2.04 -0.80	20.71 1.87 -2.72	21.03 2.15 -0.33	21.48 1.48 -7.73	23.85 1.80 -6.79	39.06 2.00 -19.93	48.13 2.92 -17.10	51.15 3.52 -10.59	54.74 4.06 -5.03	60.17 3.97 -7.15	48.32 3.21 -2.81	38.87 3.20 -0.10	33.99 2.83 -0.01
LIPA_MISC_IPP 23656	38.51 3.44 -6.38	31.16 3.06 -3.38	28.73 2.98 -1.48	27.79 2.85 -1.16	29.48 2.98 -1.07	31.13 3.16 -0.47	31.96 3.22 0.00	30.82 2.99 -0.64	27.67 2.79 0.00	24.33 2.61 0.00	22.87 2.34 -0.32	21.29 2.15 -0.80	20.81 1.97 -2.72	21.11 2.26 -0.30	21.45 1.57 -7.61	23.67 1.94 -6.47	37.86 2.21 -18.53	49.14 3.23 -17.80	88.88 3.85 -47.98	104.06 4.47 -53.94	133.30 4.37 -79.89	53.64 3.60 -7.74	39.30 3.59 -0.15	34.33 3.18 -0.01
LISF____SOLAR 323691	38.60 3.53 -6.38	31.23 3.14 -3.38	28.78 3.03 -1.48	27.86 2.92 -1.16	29.53 3.03 -1.07	31.26 3.30 -0.47	32.05 3.30 0.00	30.95 3.13 -0.64	27.72 2.84 0.00	24.36 2.63 -0.01	22.91 2.38 -0.32	21.30 2.16 -0.80	20.84 2.00 -2.72	21.11 2.26 -0.30	21.46 1.58 -7.61	23.71 1.97 -6.48	37.91 2.24 -18.55	49.26 3.29 -17.87	89.68 3.97 -48.67	105.05 4.61 -54.79	134.71 4.51 -81.15	53.86 3.72 -7.83	39.41 3.70 -0.15	34.42 3.27 -0.01
LITTLE FALLS____HYD 24013	27.94 -0.75 0.00	24.07 -0.64 0.00	23.64 -0.63 0.00	23.16 -0.62 0.00	24.82 -0.61 0.00	26.87 -0.63 0.00	28.08 -0.66 0.00	26.56 -0.63 0.00	24.31 -0.57 0.00	21.20 -0.52 0.00	19.72 -0.48 0.00	17.90 -0.44 0.00	15.73 -0.39 0.00	18.08 -0.46 0.00	11.98 -0.29 0.00	14.91 -0.35 0.00	16.73 -0.39 0.00	27.49 -0.62 0.00	36.27 -0.78 0.00	44.69 -0.96 0.00	48.07 -0.98 0.00	41.46 -0.85 0.00	34.81 -0.75 0.00	30.52 -0.62 0.00

LITTLRIV_115KV_TB1 356100	27.83 -0.86 0.00	23.97 -0.74 0.00	23.61 -0.66 0.00	23.16 -0.62 0.00	24.77 -0.66 0.00	26.81 -0.69 0.00	28.02 -0.72 0.00	26.56 -0.63 0.00	24.18 -0.70 0.00	21.18 -0.54 0.00	19.60 -0.61 0.00	17.75 -0.59 0.00	15.57 -0.55 0.00	17.94 -0.61 0.00	11.75 -0.52 0.00	14.65 -0.61 0.00	16.49 -0.63 0.00	27.41 -0.70 0.00	36.56 -0.48 0.00	45.33 -0.32 0.00	49.39 0.34 0.00	42.77 0.47 0.00	35.92 0.36 0.00	31.18 0.03 0.00
LI_NEWBRDGE___DRP 323616	37.34 2.52 -6.12	30.36 2.27 -3.37	28.00 2.26 -1.48	27.10 2.16 -1.16	28.77 2.26 -1.07	30.30 2.34 -0.46	31.21 2.47 0.00	30.16 2.34 -0.64	27.10 2.21 0.00	23.87 2.15 0.00	22.46 1.96 -0.30	20.96 1.82 -0.80	20.50 1.66 -2.72	20.71 1.89 -0.27	21.11 1.30 -7.54	23.09 1.54 -6.29	36.57 1.71 -17.73	44.59 2.47 -14.01	44.96 2.89 -5.03	48.93 3.29 0.00	52.14 3.09 0.00	46.72 2.50 -1.92	38.13 2.49 -0.08	33.40 2.24 -0.01
LOCKPORT_115KV_TB60_63_64 80432	27.13 -1.89 -0.33	23.76 -1.46 -0.50	23.03 -1.46 -0.22	22.50 -1.45 -0.17	23.74 -1.86 -0.16	25.39 -2.17 -0.07	26.41 -2.33 0.00	24.65 -2.64 -0.10	22.52 -2.36 0.00	19.42 -2.30 0.00	17.94 -2.26 0.00	16.48 -1.98 -0.12	14.97 -1.56 -0.41	16.60 -1.97 -0.02	12.39 -0.92 -1.04	14.68 -1.21 -0.62	16.82 -1.35 -1.05	25.17 -3.01 -0.07	32.71 -4.33 0.00	40.58 -5.07 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.62 -2.52 0.00
LOCKPORT___CC1 323769	27.16 -1.86 -0.34	23.79 -1.43 -0.51	23.06 -1.43 -0.22	22.52 -1.43 -0.17	23.76 -1.83 -0.16	25.39 -2.17 -0.07	26.50 -2.24 0.00	25.05 -2.23 -0.10	22.54 -2.34 0.00	19.46 -2.26 0.00	17.94 -2.26 0.00	16.50 -1.96 -0.12	14.98 -1.55 -0.41	16.48 -2.10 -0.02	12.41 -0.91 -1.04	14.70 -1.19 -0.63	16.85 -1.34 -1.06	25.19 -2.98 -0.07	32.75 -4.30 0.00	40.63 -5.02 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
LOCKPORT___CC2 323770	27.16 -1.86 -0.34	23.79 -1.43 -0.51	23.06 -1.43 -0.22	22.52 -1.43 -0.17	23.76 -1.83 -0.16	25.39 -2.17 -0.07	26.50 -2.24 0.00	25.05 -2.23 -0.10	22.54 -2.34 0.00	19.46 -2.26 0.00	17.94 -2.26 0.00	16.50 -1.96 -0.12	14.98 -1.55 -0.41	16.48 -2.10 -0.02	12.41 -0.91 -1.04	14.70 -1.19 -0.63	16.85 -1.34 -1.06	25.19 -2.98 -0.07	32.75 -4.30 0.00	40.63 -5.02 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
LOCKPORT___CC3 323771	27.16 -1.86 -0.34	23.79 -1.43 -0.51	23.06 -1.43 -0.22	22.52 -1.43 -0.17	23.76 -1.83 -0.16	25.39 -2.17 -0.07	26.50 -2.24 0.00	25.05 -2.23 -0.10	22.54 -2.34 0.00	19.46 -2.26 0.00	17.94 -2.26 0.00	16.50 -1.96 -0.12	14.98 -1.55 -0.41	16.48 -2.10 -0.02	12.41 -0.91 -1.04	14.70 -1.19 -0.63	16.85 -1.34 -1.06	25.19 -2.98 -0.07	32.75 -4.30 0.00	40.63 -5.02 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
LOCUSVLY_69_KV_BK2 55797	39.73 2.75 -8.29	30.57 2.47 -3.38	28.16 2.40 -1.49	27.27 2.33 -1.16	28.93 2.42 -1.08	30.50 2.53 -0.47	31.36 2.62 0.00	30.33 2.50 -0.64	27.27 2.39 0.00	23.98 2.26 0.00	22.78 2.08 -0.49	21.09 1.94 -0.81	20.64 1.79 -2.73	21.06 2.04 -0.47	21.82 1.41 -8.14	24.83 1.69 -7.87	43.72 1.88 -24.72	53.85 2.81 -22.93	49.89 3.37 -9.48	50.02 3.93 -0.44	53.04 3.78 -0.22	48.51 3.05 -3.16	38.47 2.77 -0.14	33.62 2.46 -0.01
LONG_LAKE_PHOENIX 24014	28.28 -0.57 -0.17	24.47 -0.49 -0.25	23.87 -0.51 -0.11	23.36 -0.50 -0.09	24.93 -0.58 -0.08	26.93 -0.60 -0.03	28.08 -0.66 0.00	26.56 -0.68 -0.05	24.21 -0.67 0.00	21.05 -0.67 0.00	19.58 -0.63 0.00	17.83 -0.57 -0.06	15.84 -0.48 -0.20	17.97 -0.59 -0.01	12.46 -0.33 -0.52	15.17 -0.40 -0.31	17.18 -0.46 -0.53	27.30 -0.84 -0.03	35.86 -1.19 0.00	44.28 -1.37 0.00	47.58 -1.47 0.00	41.03 -1.27 0.00	34.46 -1.10 0.00	30.21 -0.93 0.00
LOVETT___3 23632	32.74 1.89 -2.16	29.70 1.73 -3.25	27.37 1.67 -1.43	26.49 1.59 -1.12	28.12 1.65 -1.04	29.65 1.70 -0.44	30.49 1.75 0.00	29.55 1.74 -0.62	26.57 1.69 0.00	23.29 1.56 0.00	21.74 1.54 0.00	20.54 1.43 -0.77	20.10 1.34 -2.64	20.28 1.52 -0.21	20.12 1.07 -6.78	20.69 1.31 -4.11	25.39 1.46 -6.81	30.72 2.19 -0.42	39.71 2.67 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.59 2.28 0.00	37.41 1.85 0.00	32.77 1.62 0.00
LOVETT___4 23642	32.74 1.89 -2.16	29.70 1.73 -3.25	27.37 1.67 -1.43	26.49 1.59 -1.12	28.12 1.65 -1.04	29.65 1.70 -0.44	30.49 1.75 0.00	29.55 1.74 -0.62	26.57 1.69 0.00	23.29 1.56 0.00	21.74 1.54 0.00	20.54 1.43 -0.77	20.10 1.34 -2.64	20.28 1.52 -0.21	20.12 1.07 -6.78	20.69 1.31 -4.11	25.39 1.46 -6.81	30.72 2.19 -0.42	39.71 2.67 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.59 2.28 0.00	37.41 1.85 0.00	32.77 1.62 0.00
LOVETT___5 23593	32.74 1.89 -2.16	29.70 1.73 -3.25	27.37 1.67 -1.43	26.49 1.59 -1.12	28.12 1.65 -1.04	29.65 1.70 -0.44	30.49 1.75 0.00	29.55 1.74 -0.62	26.57 1.69 0.00	23.29 1.56 0.00	21.74 1.54 0.00	20.54 1.43 -0.77	20.10 1.34 -2.64	20.28 1.52 -0.21	20.12 1.07 -6.78	20.69 1.31 -4.11	25.39 1.46 -6.81	30.72 2.19 -0.42	39.71 2.67 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.59 2.28 0.00	37.41 1.85 0.00	32.77 1.62 0.00
LOWER RAQUET___HYD 24057	27.37 -1.32 0.00	23.58 -1.14 0.00	23.22 -1.04 0.00	22.80 -0.98 0.00	24.37 -1.07 0.00	26.34 -1.15 0.00	27.56 -1.18 0.00	26.13 -1.06 0.00	23.89 -1.00 0.00	20.94 -0.78 0.00	19.39 -0.81 0.00	17.58 -0.75 0.00	15.43 -0.69 0.00	17.80 -0.74 0.00	11.64 -0.63 0.00	14.53 -0.73 0.00	16.32 -0.80 0.00	27.10 -1.01 0.00	36.01 -1.04 0.00	44.55 -1.10 0.00	48.46 -0.59 0.00	42.01 -0.29 0.00	35.27 -0.29 0.00	30.65 -0.50 0.00
LOWER___HUDSON 24059	32.69 1.20 -2.79	29.91 0.99 -4.20	27.09 0.97 -1.85	26.19 0.98 -1.44	27.79 1.02 -1.34	29.17 1.10 -0.57	29.86 1.12 0.00	29.05 1.06 -0.80	22.46 0.97 0.00	20.85 0.74 0.00	19.90 0.65 0.00	20.01 0.57 -1.00	19.26 0.48 -3.41	21.30 0.52 -0.20	20.97 0.37 -8.66	26.50 0.50 -5.21	29.78 0.58 -8.80	38.53 1.13 -0.55	47.34 1.48 0.00	50.47 1.69 0.00	43.70 1.42 0.00	36.73 1.39 0.00	32.21 1.17 0.00	
LOWVILLE_115KV_TB2 356335	28.08 -0.69 -0.08	24.29 -0.54 -0.12	23.76 -0.56 -0.05	23.29 -0.52 -0.04	25.01 -0.46 -0.04	27.05 -0.47 -0.02	28.25 -0.49 0.00	26.72 -0.49 -0.02	24.48 -0.40 0.00	21.22 -0.50 0.00	19.68 -0.53 0.00	17.87 -0.50 -0.03	15.75 -0.47 -0.09	17.98 -0.57 -0.01	12.12 -0.39 -0.24	14.96 -0.44 -0.14	16.94 -0.43 -0.24	27.59 -0.53 -0.02	36.86 -0.19 0.00	45.83 0.18 0.00	49.54 0.49 0.00	42.68 0.38 0.00	35.70 0.14 0.00	31.15 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.95 1.43 -2.83	30.18 1.21 -4.26	27.33 1.19 -1.87	26.40 1.17 -1.46	28.04 1.25 -1.36	29.45 1.37 -0.58	30.12 1.38 0.00	29.20 1.20 -0.81	25.90 1.02 0.00	22.48 0.76 0.00	20.87 0.67 0.00	19.94 0.59 -1.01	20.04 0.47 -3.45	19.27 0.52 -0.20	21.40 0.36 -8.78	21.02 0.49 -5.28	26.63 0.60 -8.91	29.93 1.26 -0.56	38.79 1.74 0.00	47.84 2.19 0.00	51.20 2.16 0.00	44.16 1.86 0.00	37.13 1.56 0.00	32.49 1.34 0.00

LUTHERNY_35_KV_BK2 355980	32.95 1.43 -2.83	30.18 1.21 -4.26	27.33 1.19 -1.87	26.43 1.19 -1.46	28.06 1.27 -1.36	29.45 1.37 -0.58	30.12 1.38 0.00	29.22 1.22 -0.81	25.90 1.02 0.00	22.48 0.76 0.00	20.87 0.67 0.00	19.95 0.61 -1.01	20.06 0.48 -3.45	19.28 0.54 -0.20	21.40 0.36 -8.78	21.02 0.49 -5.28	26.63 0.60 -8.91	29.93 1.26 -0.56	38.82 1.78 0.00	47.84 2.19 0.00	51.20 2.16 0.00	44.21 1.90 0.00	37.16 1.60 0.00	32.52 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	27.45 -1.29 -0.06	23.71 -1.09 -0.09	23.24 -1.07 -0.04	22.81 -1.00 -0.03	24.42 -1.04 -0.03	26.41 -1.10 -0.01	27.59 -1.15 0.00	26.14 -1.06 -0.02	23.86 -1.02 0.00	20.81 -0.91 0.00	19.27 -0.93 0.00	17.50 -0.86 -0.02	15.40 -0.79 -0.07	17.62 -0.93 0.00	11.77 -0.67 -0.18	14.57 -0.79 -0.11	16.46 -0.84 -0.18	26.99 -1.12 -0.01	35.97 -1.07 0.00	44.64 -1.00 0.00	48.46 -0.59 0.00	41.84 -0.47 0.00	35.10 -0.46 0.00	30.52 -0.62 0.00
LYONS_FALL_HYD 23570	28.50 -0.26 -0.07	24.63 -0.20 -0.11	24.10 -0.22 -0.05	23.62 -0.19 -0.04	25.34 -0.13 -0.04	27.40 -0.11 -0.02	28.60 -0.14 0.00	27.05 -0.16 -0.02	24.73 -0.15 0.00	21.46 -0.26 0.00	19.90 -0.30 0.00	18.09 -0.27 -0.03	15.95 -0.26 -0.09	18.20 -0.35 -0.01	12.28 -0.22 -0.23	15.15 -0.24 -0.14	17.15 -0.20 -0.23	27.90 -0.23 -0.01	37.12 0.07 0.00	46.06 0.41 0.00	49.68 0.64 0.00	42.81 0.51 0.00	35.84 0.28 0.00	31.30 0.16 0.00
MADISON___COUNTY_LFGE 323628	29.28 0.46 -0.13	25.33 0.42 -0.20	24.72 0.36 -0.09	24.22 0.38 -0.07	25.93 0.43 -0.06	28.02 0.49 -0.03	29.23 0.49 0.00	27.60 0.38 -0.04	25.13 0.25 0.00	21.81 0.09 0.00	20.22 0.02 0.00	18.40 0.02 -0.05	16.30 0.02 -0.16	18.52 -0.04 -0.01	12.70 0.02 -0.40	15.56 0.06 -0.24	17.63 0.10 -0.41	28.33 0.20 -0.03	37.56 0.52 0.00	46.51 0.87 0.00	50.08 1.03 0.00	43.11 0.80 0.00	36.13 0.57 0.00	31.61 0.47 0.00
MALONE___115KV_TB1 356076	28.11 -0.57 0.00	24.30 -0.42 0.00	23.98 -0.29 0.00	23.54 -0.24 0.00	25.08 -0.36 0.00	27.14 -0.36 0.00	28.45 -0.29 0.00	27.02 -0.16 0.00	24.71 -0.17 0.00	21.70 -0.02 0.00	20.08 -0.12 0.00	18.17 -0.17 0.00	15.98 -0.15 0.00	18.40 -0.15 0.00	12.07 -0.20 0.00	15.05 -0.21 0.00	16.90 -0.22 0.00	28.02 -0.08 0.00	37.19 0.15 0.00	45.88 0.23 0.00	49.88 0.83 0.00	42.98 0.68 0.00	36.13 0.57 0.00	31.36 0.22 0.00
MAPLEWOD_115KV_TB3 80458	32.50 1.03 -2.78	29.75 0.87 -4.17	26.95 0.85 -1.84	26.07 0.86 -1.43	27.65 0.89 -1.33	29.03 0.96 -0.57	29.75 1.01 0.00	28.88 0.90 -0.80	25.70 0.82 0.00	22.37 0.65 0.00	20.81 0.61 0.00	19.88 0.55 -0.99	19.98 0.47 -3.39	19.26 0.52 -0.20	21.23 0.36 -8.61	20.91 0.47 -5.17	26.39 0.53 -8.74	29.66 1.01 -0.54	38.30 1.26 0.00	46.97 1.32 0.00	50.13 1.08 0.00	43.36 1.06 0.00	36.45 0.89 0.00	32.02 0.87 0.00
MAPLE_RIDGE_WT_1 323574	28.17 -0.52 0.00	24.24 -0.47 0.00	23.80 -0.46 0.00	23.35 -0.43 0.00	25.00 -0.43 0.00	27.06 -0.44 0.00	28.31 -0.43 0.00	26.83 -0.35 0.00	24.63 -0.25 0.00	21.57 -0.15 0.00	20.08 -0.12 0.00	18.23 -0.11 0.00	16.01 -0.11 0.00	18.44 -0.11 0.00	12.16 -0.11 0.00	15.14 -0.12 0.00	16.98 -0.14 0.00	27.94 -0.17 0.00	36.90 -0.15 0.00	45.47 -0.18 0.00	49.00 -0.05 0.00	42.26 -0.04 0.00	35.52 -0.04 0.00	31.05 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	28.17 -0.52 0.00	24.24 -0.47 0.00	23.80 -0.46 0.00	23.35 -0.43 0.00	25.00 -0.43 0.00	27.06 -0.44 0.00	28.31 -0.43 0.00	26.83 -0.35 0.00	24.63 -0.25 0.00	21.57 -0.15 0.00	20.08 -0.12 0.00	18.23 -0.11 0.00	16.01 -0.11 0.00	18.44 -0.11 0.00	12.16 -0.11 0.00	15.14 -0.12 0.00	16.98 -0.14 0.00	27.94 -0.17 0.00	36.90 -0.15 0.00	45.47 -0.18 0.00	49.00 -0.05 0.00	42.26 -0.04 0.00	35.52 -0.04 0.00	31.05 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.10 -0.33 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	26.97 -0.22 0.00	24.71 -0.17 0.00	21.66 -0.06 0.00	20.10 -0.10 0.00	18.21 -0.13 0.00	15.99 -0.13 0.00	18.44 -0.11 0.00	12.10 -0.17 0.00	15.06 -0.20 0.00	16.90 -0.22 0.00	27.94 -0.17 0.00	37.01 -0.04 0.00	45.65 0.00 0.00	49.44 0.39 0.00	42.64 0.34 0.00	35.88 0.32 0.00	31.27 0.13 0.00
MARSHVLE_115KV_TB1 80742	34.04 2.15 -3.20	31.41 1.88 -4.81	28.21 1.82 -2.12	27.21 1.78 -1.65	28.90 1.93 -1.53	30.27 2.12 -0.66	30.78 2.04 0.00	29.60 1.50 -0.92	25.88 1.00 0.00	22.35 0.63 0.00	20.75 0.55 0.00	19.98 0.50 -1.14	20.41 0.39 -3.91	19.18 0.41 -0.23	22.47 0.28 -9.92	21.61 0.38 -5.97	27.75 0.55 -10.08	30.06 1.32 -0.63	39.45 2.41 0.00	49.30 3.65 0.00	53.07 4.02 0.00	45.56 3.26 0.00	38.26 2.70 0.00	33.36 2.21 0.00
MARSH_HILL_WT_PWR 323713	28.35 -0.80 -0.47	24.85 -0.57 -0.70	24.04 -0.53 -0.31	23.47 -0.55 -0.24	24.90 -0.76 -0.22	26.88 -0.72 -0.10	28.11 -0.63 0.00	26.51 -0.81 -0.13	23.81 -1.07 0.00	20.53 -1.19 0.00	18.97 -1.23 0.00	17.31 -1.19 -0.17	15.76 -0.94 -0.57	17.30 -1.28 -0.03	13.18 -0.54 -1.45	15.46 -0.67 -0.87	17.86 -0.74 -1.47	26.68 -1.52 -0.09	35.30 -1.74 0.00	44.09 -1.55 0.00	47.28 -1.76 0.00	40.86 -1.44 0.00	34.31 -1.25 0.00	30.21 -0.93 0.00
MCINTYRE_115KV_TB2 80467	28.17 -0.52 0.00	24.27 -0.44 0.00	23.90 -0.36 0.00	23.44 -0.33 0.00	25.08 -0.36 0.00	27.14 -0.36 0.00	28.37 -0.37 0.00	26.86 -0.33 0.00	24.43 -0.45 0.00	21.37 -0.35 0.00	19.80 -0.40 0.00	17.92 -0.42 0.00	15.72 -0.40 0.00	18.10 -0.45 0.00	11.85 -0.42 0.00	14.79 -0.47 0.00	16.62 -0.50 0.00	27.66 -0.45 0.00	36.93 -0.11 0.00	45.83 0.18 0.00	49.98 0.93 0.00	43.28 0.97 0.00	36.34 0.78 0.00	31.55 0.40 0.00
MECO_____69_KV_BK1 80468	34.02 2.27 -3.07	31.31 1.98 -4.61	28.21 1.92 -2.03	27.24 1.88 -1.58	28.94 2.03 -1.47	30.35 2.23 -0.63	30.93 2.18 0.00	29.78 1.71 -0.88	26.13 1.24 0.00	22.55 0.83 0.00	20.93 0.73 0.00	20.09 0.66 -1.10	20.38 0.52 -3.74	19.32 0.56 -0.22	22.16 0.38 -9.51	21.50 0.52 -5.72	27.47 0.68 -9.66	30.34 1.63 -0.60	39.75 2.70 0.00	49.48 3.83 0.00	53.22 4.17 0.00	45.73 3.43 0.00	38.41 2.84 0.00	33.48 2.34 0.00
MENANDS___115KV_TB5 355628	32.38 0.92 -2.77	29.65 0.77 -4.17	26.88 0.78 -1.83	25.99 0.78 -1.43	27.55 0.79 -1.33	28.92 0.85 -0.57	29.66 0.92 0.00	28.80 0.82 -0.80	25.65 0.77 0.00	22.33 0.61 0.00	20.77 0.57 0.00	19.84 0.51 -0.99	19.94 0.44 -3.38	19.22 0.48 -0.20	21.19 0.33 -8.59	20.87 0.44 -5.17	26.34 0.50 -8.73	29.58 0.93 -0.54	38.12 1.07 0.00	46.74 1.10 0.00	49.88 0.83 0.00	43.11 0.80 0.00	36.27 0.71 0.00	31.86 0.72 0.00
MG INDUSTRY___DRP 24185	32.29 0.89 -2.71	29.56 0.77 -4.08	26.82 0.75 -1.80	25.91 0.74 -1.40	27.52 0.79 -1.30	28.91 0.85 -0.56	29.60 0.86 0.00	28.67 0.71 -0.78	25.50 0.62 0.00	22.18 0.46 0.00	20.63 0.42 0.00	19.67 0.37 -0.97	19.74 0.31 -3.31	19.09 0.35 -0.19	20.91 0.23 -8.41	20.64 0.32 -5.06	26.02 0.36 -8.54	29.34 0.70 -0.53	38.04 1.00 0.00	46.79 1.14 0.00	50.03 0.98 0.00	43.19 0.89 0.00	36.34 0.78 0.00	31.89 0.75 0.00

MID___OSWEGATCHIE_HYD 23849	27.45 -1.29 -0.06	23.71 -1.09 -0.09	23.24 -1.07 -0.04	22.81 -1.00 -0.03	24.42 -1.04 -0.03	26.41 -1.10 -0.01	27.59 -1.15 0.00	26.14 -1.06 -0.02	23.86 -1.02 0.00	20.81 -0.91 0.00	19.27 -0.93 0.00	17.50 -0.86 -0.02	15.40 -0.79 -0.07	17.62 -0.93 0.00	11.77 -0.67 -0.18	14.57 -0.79 -0.11	16.46 -0.84 -0.18	26.99 -1.12 0.00	35.97 -1.07 0.00	44.64 -1.00 0.00	48.46 -0.59 0.00	41.84 -0.47 0.00	35.10 -0.46 0.00	30.52 -0.62 0.00
MID___RAQUETTE_HYD 23851	27.37 -1.32 0.00	23.58 -1.14 0.00	23.22 -1.04 0.00	22.80 -0.97 0.00	24.37 -1.07 0.00	26.34 -1.15 0.00	27.59 -1.15 0.00	26.18 -1.01 0.00	23.89 -1.00 0.00	20.94 -0.78 0.00	19.39 -0.81 0.00	17.59 -0.75 0.00	15.43 -0.69 0.00	17.77 -0.78 0.00	11.64 -0.63 0.00	14.53 -0.73 0.00	16.32 -0.80 0.00	27.10 -1.01 0.00	36.01 -1.04 0.00	44.55 -1.10 0.00	48.46 -0.59 0.00	42.01 -0.30 0.00	35.28 -0.28 0.00	30.65 -0.50 0.00
MILLIKEN___1 23584	29.51 0.37 -0.45	25.74 0.35 -0.68	24.88 0.32 -0.30	24.30 0.29 -0.23	25.93 0.28 -0.22	27.89 0.30 -0.09	29.09 0.34 0.00	27.51 0.19 -0.13	24.98 0.10 0.00	21.63 -0.09 0.00	20.08 -0.12 0.00	18.35 -0.15 -0.16	16.56 -0.11 -0.55	18.39 -0.19 -0.03	13.64 -0.04 -1.41	16.07 -0.03 -0.85	18.55 0.00 -1.43	28.17 -0.03 -0.09	37.19 0.15 0.00	46.10 0.46 0.00	49.49 0.44 0.00	42.68 0.38 0.00	35.74 0.18 0.00	31.33 0.19 0.00
MILLIKEN___2 23585	29.51 0.37 -0.45	25.74 0.35 -0.68	24.88 0.32 -0.30	24.30 0.29 -0.23	25.93 0.28 -0.22	27.89 0.30 -0.09	29.09 0.34 0.00	27.51 0.19 -0.13	24.98 0.10 0.00	21.63 -0.09 0.00	20.08 -0.12 0.00	18.35 -0.15 -0.16	16.56 -0.11 -0.55	18.39 -0.19 -0.03	13.64 -0.04 -1.41	16.07 -0.03 -0.85	18.55 0.00 -1.43	28.17 -0.03 -0.09	37.19 0.15 0.00	46.10 0.46 0.00	49.49 0.44 0.00	42.68 0.38 0.00	35.74 0.18 0.00	31.33 0.19 0.00
MILLIKEN___DIESEL 23629	29.51 0.37 -0.45	25.74 0.35 -0.68	24.88 0.32 -0.30	24.30 0.29 -0.23	25.93 0.28 -0.22	27.89 0.30 -0.09	29.09 0.34 0.00	27.51 0.19 -0.13	24.98 0.10 0.00	21.63 -0.09 0.00	20.08 -0.12 0.00	18.35 -0.15 -0.16	16.56 -0.11 -0.55	18.39 -0.19 -0.03	13.64 -0.04 -1.41	16.07 -0.03 -0.85	18.55 0.00 -1.43	28.17 -0.03 -0.09	37.19 0.15 0.00	46.10 0.46 0.00	49.49 0.44 0.00	42.68 0.38 0.00	35.74 0.18 0.00	31.33 0.19 0.00
MILLSEAT___LFGE 323607	27.75 -1.26 -0.32	24.28 -0.91 -0.48	23.53 -0.95 -0.21	22.99 -0.95 -0.17	24.26 -1.32 -0.15	26.00 -1.57 -0.07	27.07 -1.67 0.00	25.65 -1.63 -0.09	23.04 -1.84 0.00	19.79 -1.93 0.00	18.30 -1.90 0.00	16.80 -1.65 -0.11	15.22 -1.29 -0.39	16.79 -1.78 -0.02	12.53 -0.74 -0.99	14.90 -0.96 -0.60	17.07 -1.06 -1.01	25.70 -2.47 -0.06	33.60 -3.44 0.00	41.86 -3.79 0.00	44.88 -4.17 0.00	38.83 -3.47 0.00	33.04 -2.52 0.00	29.28 -1.87 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.87 1.98 -2.20	29.83 1.80 -3.31	27.47 1.75 -1.46	26.58 1.66 -1.14	28.19 1.70 -1.05	29.74 1.79 -0.45	30.58 1.84 0.00	29.64 1.82 -0.63	26.65 1.77 0.00	23.33 1.61 0.00	21.80 1.60 0.00	20.61 1.49 -0.79	20.20 1.39 -2.69	20.35 1.58 -0.22	20.30 1.10 -6.93	20.83 1.36 -4.21	25.56 1.51 -6.94	30.82 2.28 -0.43	39.82 2.78 0.00	48.80 3.15 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.52 1.96 0.00	32.86 1.71 0.00
MILLWOOD_13_KV_LOAD 356217	32.93 2.04 -2.20	29.86 1.83 -3.31	27.50 1.77 -1.46	26.60 1.69 -1.14	28.24 1.75 -1.05	29.76 1.81 -0.45	30.61 1.87 0.00	29.67 1.85 -0.63	26.67 1.79 0.00	23.35 1.63 0.00	21.82 1.62 0.00	20.61 1.49 -0.79	20.21 1.40 -2.69	20.37 1.60 -0.22	20.31 1.12 -6.93	20.83 1.36 -4.21	25.58 1.52 -6.94	30.84 2.30 -0.43	39.90 2.85 0.00	48.89 3.24 0.00	52.19 3.14 0.00	44.80 2.50 0.00	37.59 2.03 0.00	32.89 1.74 0.00
MODEL_CITY_ENERGY 24167	26.90 -2.12 -0.34	23.54 -1.68 -0.51	22.84 -1.65 -0.22	22.31 -1.64 -0.18	23.51 -2.09 -0.16	25.12 -2.45 -0.07	26.21 -2.53 0.00	24.81 -2.47 -0.10	22.32 -2.56 0.00	19.27 -2.45 0.00	17.76 -2.45 0.00	16.33 -2.13 -0.12	14.86 -1.68 -0.41	16.33 -2.24 -0.02	12.30 -1.02 -1.05	14.56 -1.33 -0.63	16.70 -1.49 -1.07	24.94 -3.23 -0.07	32.38 -4.67 0.00	40.12 -5.52 0.00	42.91 -6.13 0.00	37.27 -5.03 0.00	31.79 -3.77 0.00	28.37 -2.77 0.00
MODERN_LFGE___ 323580	26.90 -2.12 -0.34	23.54 -1.68 -0.51	22.84 -1.65 -0.22	22.31 -1.64 -0.18	23.51 -2.09 -0.16	25.12 -2.45 -0.07	26.21 -2.53 0.00	24.81 -2.47 -0.10	22.32 -2.56 0.00	19.27 -2.45 0.00	17.76 -2.45 0.00	16.33 -2.13 -0.12	14.86 -1.68 -0.41	16.33 -2.24 -0.02	12.30 -1.02 -1.05	14.56 -1.33 -0.63	16.70 -1.49 -1.07	24.94 -3.23 -0.07	32.38 -4.67 0.00	40.12 -5.52 0.00	42.91 -6.13 0.00	37.27 -5.03 0.00	31.79 -3.77 0.00	28.37 -2.77 0.00
MOHAWK_PAPER___DRP 24187	32.50 1.03 -2.78	29.75 0.87 -4.17	26.95 0.85 -1.84	26.07 0.86 -1.43	27.65 0.89 -1.33	29.03 0.96 -0.57	29.75 1.01 0.00	28.88 0.90 -0.80	25.70 0.82 0.00	22.37 0.65 0.00	20.81 0.61 0.00	19.88 0.55 -0.99	19.98 0.47 -3.39	19.26 0.52 -0.20	21.23 0.36 -8.61	20.91 0.47 -5.17	26.39 0.53 -8.74	29.66 1.01 -0.54	38.30 1.26 0.00	46.97 1.32 0.00	50.13 1.08 0.00	43.36 1.06 0.00	36.45 0.89 0.00	32.02 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	32.93 1.41 -2.83	30.16 1.19 -4.26	27.31 1.16 -1.88	26.38 1.14 -1.46	28.04 1.25 -1.36	29.45 1.37 -0.58	30.12 1.38 0.00	29.17 1.17 -0.81	25.83 0.95 0.00	22.37 0.65 0.00	20.75 0.55 0.00	19.84 0.50 -1.01	19.93 0.35 -3.46	19.14 0.39 -0.20	21.30 0.25 -8.78	20.92 0.38 -5.28	26.54 0.50 -8.92	29.87 1.21 -0.56	38.82 1.78 0.00	47.93 2.28 0.00	51.40 2.35 0.00	44.29 1.99 0.00	37.23 1.67 0.00	32.49 1.34 0.00
MONGAUP___HYD 23641	32.24 1.52 -2.03	29.16 1.38 -3.06	26.92 1.31 -1.35	26.09 1.26 -1.05	27.73 1.32 -0.97	29.34 1.43 -0.42	30.15 1.41 0.00	29.13 1.36 -0.58	26.10 1.22 0.00	22.65 0.93 0.00	21.09 0.89 0.00	20.11 1.04 -0.73	19.60 1.00 -2.48	19.78 1.09 -0.14	19.36 0.79 -6.31	19.98 0.93 -3.79	24.43 0.91 -6.41	29.69 1.18 -0.40	38.64 1.59 0.00	47.52 1.87 0.00	50.71 1.67 0.00	43.62 1.31 0.00	36.95 1.39 0.00	32.48 1.34 0.00
MONTAUK___DIESEL 23721	38.60 3.53 -6.38	31.28 3.19 -3.38	28.78 3.03 -1.48	27.81 2.88 -1.16	29.51 3.00 -1.07	31.29 3.33 -0.47	32.10 3.36 0.00	31.03 3.21 -0.64	27.94 3.06 0.00	24.59 2.87 0.00	23.03 2.51 -0.32	21.41 2.27 -0.80	20.94 2.10 -2.72	21.25 2.41 -0.30	21.59 1.71 -7.61	23.92 2.18 -6.48	38.16 2.50 -18.54	49.79 3.85 -17.83	90.01 4.70 -48.27	105.24 5.30 -54.30	134.57 5.10 -80.42	54.18 4.10 -7.78	39.69 3.98 -0.15	34.83 3.68 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.90 -1.18 -0.39	24.46 -0.84 -0.59	23.70 -0.83 -0.26	23.12 -0.86 -0.20	24.40 -1.22 -0.19	26.12 -1.46 -0.08	27.33 -1.41 0.00	25.42 -1.88 -0.11	23.51 -1.37 0.00	20.29 -1.43 0.00	18.79 -1.41 0.00	17.10 -1.38 -0.14	15.55 -1.05 -0.48	17.33 -1.24 -0.03	12.91 -0.58 -1.21	15.24 -0.75 -0.73	17.60 -0.75 -1.23	26.13 -2.05 -0.08	34.34 -2.70 0.00	42.68 -2.97 0.00	45.56 -3.48 0.00	39.34 -2.96 0.00	33.25 -2.31 0.00	29.21 -1.93 0.00

MORRIS_RIDGE___SOLAR 323848	28.05 -1.09 -0.45	24.61 -0.79 -0.68	23.79 -0.78 -0.30	23.23 -0.78 -0.23	24.61 -1.04 -0.22	26.46 -1.13 -0.09	27.59 -1.15 0.00	25.93 -1.39 -0.13	23.29 -1.59 0.00	20.09 -1.63 0.00	18.57 -1.64 0.00	16.98 -1.52 -0.16	15.47 -1.21 -0.55	16.97 -1.61 -0.03	12.94 -0.74 -1.41	15.17 -0.93 -0.85	17.52 -1.03 -1.43	26.06 -2.14 -0.09	34.34 -2.70 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.85 -2.45 0.00	33.64 -1.92 0.00	29.68 -1.46 0.00
MORTIMER_115KV_TB3 55949	28.13 -0.83 -0.27	24.51 -0.62 -0.41	23.82 -0.63 -0.18	23.28 -0.64 -0.14	24.68 -0.89 -0.13	26.54 -1.02 -0.06	27.53 -1.21 0.00	25.96 -1.30 -0.08	23.59 -1.29 0.00	20.37 -1.35 0.00	18.91 -1.29 0.00	17.37 -1.06 -0.10	15.63 -0.82 -0.34	17.45 -1.11 -0.02	12.66 -0.47 -0.85	15.16 -0.61 -0.51	17.30 -0.68 -0.86	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.71 -1.85 0.00	29.78 -1.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.09 2.18 -2.22	30.06 2.00 -3.34	27.68 1.94 -1.47	26.76 1.83 -1.15	28.38 1.88 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.84 2.01 -0.64	26.85 1.97 0.00	23.55 1.82 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.41 1.58 -2.71	19.12 1.82 1.24	18.42 1.25 -4.90	18.83 1.54 -2.03	25.82 1.69 -7.00	31.07 2.53 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
MUNSVILLE_WIND_PWR 323609	31.08 1.69 -0.70	27.30 1.53 -1.05	26.19 1.46 -0.46	25.56 1.43 -0.36	27.40 1.63 -0.33	29.51 1.87 -0.14	30.67 1.93 0.00	29.02 1.63 -0.20	25.95 1.07 0.00	22.26 0.54 0.00	20.52 0.32 0.00	18.84 0.26 -0.25	17.18 0.21 -0.85	18.67 0.07 -0.05	14.61 0.17 -2.17	16.88 0.32 -1.30	19.86 0.53 -2.20	29.29 1.04 -0.14	39.27 2.22 0.00	49.11 3.47 0.00	53.07 4.02 0.00	45.52 3.21 0.00	38.01 2.45 0.00	33.20 2.06 0.00
N SALMON___HYD 24042	28.11 -0.57 0.00	24.29 -0.42 0.00	23.98 -0.29 0.00	23.54 -0.24 0.00	25.08 -0.36 0.00	27.14 -0.36 0.00	28.45 -0.29 0.00	26.97 -0.22 0.00	24.71 -0.17 0.00	21.70 -0.02 0.00	20.08 -0.12 0.00	18.17 -0.17 0.00	15.98 -0.15 0.00	18.42 -0.13 0.00	12.07 -0.20 0.00	15.05 -0.21 0.00	16.90 -0.22 0.00	28.02 -0.08 0.00	37.19 0.15 0.00	45.88 0.23 0.00	49.88 0.83 0.00	42.98 0.67 0.00	36.13 0.57 0.00	31.37 0.22 0.00
N.AKRON__115KV_KNAPP 355671	27.69 -1.32 -0.32	24.21 -0.99 -0.49	23.46 -1.02 -0.21	22.95 -1.00 -0.17	24.22 -1.37 -0.16	25.94 -1.62 -0.07	26.96 -1.78 0.00	25.21 -2.07 -0.09	22.99 -1.89 0.00	19.77 -1.95 0.00	18.26 -1.94 0.00	16.78 -1.67 -0.12	15.21 -1.31 -0.40	16.90 -1.67 -0.02	12.53 -0.75 -1.01	14.89 -0.98 -0.61	17.06 -1.08 -1.02	25.64 -2.53 -0.06	33.49 -3.56 0.00	41.68 -3.97 0.00	44.68 -4.37 0.00	38.71 -3.60 0.00	32.93 -2.63 0.00	29.21 -1.93 0.00
N.E._GEN_SANDY PD 24062	32.74 1.35 -2.70	29.87 1.09 -4.07	27.15 1.09 -1.79	26.27 1.09 -1.39	27.82 1.09 -1.29	29.26 1.21 -0.55	30.00 1.26 0.00	30.25 1.22 -1.84	26.15 1.15 -0.12	22.63 0.91 0.00	20.97 0.77 0.00	20.00 0.70 -0.97	20.00 0.58 -3.30	19.39 0.65 -0.19	21.11 0.45 -8.38	20.91 0.61 -5.04	26.32 0.69 -8.51	29.93 1.29 -0.53	41.00 1.63 -2.33	47.47 1.83 0.00	50.47 1.42 0.00	44.00 1.52 -0.18	37.00 1.24 -0.20	32.30 1.15 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.76 1.92 -2.15	29.71 1.75 -3.24	27.39 1.70 -1.43	26.51 1.62 -1.11	28.12 1.65 -1.03	29.67 1.73 -0.44	30.49 1.75 0.00	29.55 1.74 -0.62	26.60 1.72 0.00	23.29 1.56 0.00	21.72 1.52 0.00	20.54 1.43 -0.77	20.09 1.34 -2.63	20.22 1.52 -0.15	20.01 1.06 -6.68	20.57 1.30 -4.02	25.36 1.46 -6.79	30.72 2.19 -0.42	39.75 2.70 0.00	48.75 3.10 0.00	51.99 2.94 0.00	44.63 2.33 0.00	37.45 1.88 0.00	32.80 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	33.39 2.47 -2.23	30.32 2.25 -3.35	27.93 2.18 -1.48	27.00 2.07 -1.15	28.67 2.16 -1.07	29.91 1.95 -0.46	30.72 1.98 0.00	29.86 2.04 -0.64	26.97 2.09 0.00	23.69 1.95 -0.02	22.12 1.90 -0.02	20.98 1.83 -0.81	20.56 1.71 -2.73	23.10 1.95 -2.61	24.00 1.35 -10.38	24.75 1.65 -7.84	25.95 1.81 -7.02	31.19 2.64 -0.44	40.04 3.00 0.00	49.07 3.42 0.00	52.19 3.14 0.00	44.80 2.50 0.00	37.55 1.99 0.00	33.08 1.93 0.00
N.TROY___115KV_TB1 355778	32.69 1.20 -2.79	29.91 0.99 -4.20	27.09 0.97 -1.85	26.19 0.97 -1.44	27.79 1.02 -1.34	29.17 1.10 -0.57	29.92 1.18 0.00	29.05 1.06 -0.80	25.85 0.97 0.00	22.46 0.74 0.00	20.85 0.65 0.00	19.90 0.57 -1.00	20.01 0.48 -3.41	19.28 0.54 -0.20	21.30 0.37 -8.66	20.97 0.50 -5.21	26.50 0.58 -8.80	29.78 1.12 -0.55	38.53 1.48 0.00	47.34 1.69 0.00	50.47 1.42 0.00	43.70 1.40 0.00	36.73 1.17 0.00	32.20 1.06 0.00
NARROWS_GT1_1 24228	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT1_2 24229	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT1_3 24230	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT1_4 24231	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT1_5 24232	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02

NARROWS_GT1_6 24233	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT1_7 24234	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT1_8 24235	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_1 24236	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_2 24237	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_3 24238	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_4 24239	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_5 24240	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_6 24241	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_7 24242	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NARROWS_GT2_8 24243	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.12 0.80 -2.62	29.33 0.67 -3.95	26.64 0.63 -1.74	25.77 0.64 -1.35	27.38 0.69 -1.26	28.81 0.77 -0.54	29.83 1.09 0.00	28.57 0.63 -0.75	25.55 0.67 0.00	22.16 0.43 0.00	20.55 0.34 0.00	19.40 0.13 -0.94	19.42 0.10 -3.20	18.97 0.24 -0.18	20.48 0.07 -8.14	20.29 0.14 -4.89	25.56 0.17 -8.27	29.21 0.59 -0.51	38.34 1.30 0.00	47.20 1.55 0.00	50.37 1.32 0.00	43.57 1.27 0.00	36.70 1.14 0.00	32.14 1.00 0.00
NCHELSEA_115KV_TR2 355582	32.86 1.95 -2.23	29.82 1.75 -3.35	27.41 1.67 -1.47	26.54 1.62 -1.15	28.18 1.68 -1.07	29.74 1.79 -0.46	30.55 1.81 0.00	29.59 1.77 -0.64	26.55 1.67 0.00	23.20 1.48 0.00	21.60 1.39 0.00	20.42 1.28 -0.80	20.06 1.23 -2.72	20.08 1.37 -0.16	20.14 0.97 -6.90	20.60 1.19 -4.15	25.48 1.35 -7.01	30.68 2.14 -0.44	39.75 2.70 0.00	48.80 3.15 0.00	52.09 3.04 0.00	44.76 2.45 0.00	37.55 1.99 0.00	32.89 1.74 0.00
NEG CAPITAL___MECHNVIL 23645	32.97 1.46 -2.82	30.19 1.24 -4.24	27.35 1.21 -1.87	26.44 1.21 -1.45	28.08 1.30 -1.35	29.48 1.40 -0.58	30.15 1.41 0.00	29.28 1.28 -0.81	25.97 1.09 0.00	22.55 0.83 0.00	20.91 0.71 0.00	19.99 0.64 -1.01	20.08 0.52 -3.44	19.30 0.56 -0.20	21.39 0.38 -8.74	21.05 0.53 -5.26	26.63 0.63 -8.88	30.01 1.35 -0.55	38.90 1.85 0.00	47.93 2.28 0.00	51.26 2.21 0.00	44.25 1.95 0.00	37.20 1.64 0.00	32.55 1.40 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.80 -1.15 -0.26	24.19 -0.91 -0.39	23.49 -0.95 -0.17	22.98 -0.93 -0.13	24.42 -1.14 -0.13	26.20 -1.35 -0.05	27.30 -1.44 0.00	25.88 -1.39 -0.08	23.41 -1.47 0.00	20.24 -1.48 0.00	18.79 -1.41 0.00	17.24 -1.19 -0.09	15.47 -0.97 -0.32	17.30 -1.26 -0.02	12.48 -0.60 -0.81	14.98 -0.76 -0.49	17.07 -0.87 -0.82	26.36 -1.80 -0.05	34.49 -2.56 0.00	42.72 -2.92 0.00	45.91 -3.14 0.00	39.64 -2.66 0.00	33.46 -2.10 0.00	29.46 -1.68 0.00

NEG CENTRAL___DRP 24199	28.71 -0.26 -0.28	24.96 -0.17 -0.42	24.26 -0.19 -0.18	23.71 -0.21 -0.14	25.26 -0.31 -0.13	27.22 -0.33 -0.06	28.43 -0.32 0.00	26.80 -0.46 -0.08	24.38 -0.50 0.00	21.11 -0.61 0.00	19.60 -0.61 0.00	17.87 -0.57 -0.10	16.01 -0.45 -0.34	17.99 -0.57 -0.02	12.87 -0.26 -0.86	15.45 -0.32 -0.52	17.65 -0.34 -0.87	27.43 -0.73 -0.05	36.16 -0.89 0.00	44.83 -0.82 0.00	48.02 -1.03 0.00	41.50 -0.80 0.00	34.85 -0.71 0.00	30.55 -0.59 0.00
NEG CENTRAL___INDECK 23768	28.91 -0.17 -0.39	25.28 -0.02 -0.59	24.45 -0.07 -0.26	23.91 -0.07 -0.20	25.32 -0.30 -0.19	27.22 -0.36 -0.08	28.40 -0.34 0.00	26.78 -0.52 -0.11	23.94 -0.95 0.00	20.55 -1.17 0.00	18.97 -1.23 0.00	17.36 -1.12 -0.14	15.71 -0.89 -0.48	17.33 -1.24 -0.03	12.99 -0.49 -1.21	15.38 -0.61 -0.73	17.70 -0.65 -1.23	26.78 -1.40 -0.08	35.42 -1.63 0.00	44.46 -1.19 0.00	47.92 -1.13 0.00	41.29 -1.02 0.00	34.81 -0.75 0.00	30.59 -0.56 0.00
NEG CENTRAL___SENECA 23627	28.78 -0.23 -0.32	25.07 -0.12 -0.48	24.33 -0.15 -0.21	23.78 -0.17 -0.16	25.31 -0.28 -0.15	27.26 -0.30 -0.07	28.45 -0.29 0.00	26.79 -0.49 -0.09	24.33 -0.55 0.00	21.03 -0.70 0.00	19.49 -0.71 0.00	17.81 -0.64 -0.11	15.99 -0.52 -0.39	17.90 -0.67 -0.02	12.98 -0.28 -0.99	15.50 -0.35 -0.59	17.75 -0.38 -1.00	27.36 -0.82 -0.06	36.08 -0.96 0.00	44.83 -0.82 0.00	47.92 -1.13 0.00	41.50 -0.80 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
NEG CENTRAL___STATE_STREET 24147	28.78 -0.17 -0.26	25.01 -0.10 -0.40	24.30 -0.15 -0.18	23.75 -0.17 -0.14	25.36 -0.20 -0.13	27.33 -0.22 -0.05	28.54 -0.20 0.00	26.99 -0.27 -0.08	24.56 -0.32 0.00	21.31 -0.41 0.00	19.80 -0.40 0.00	18.06 -0.37 -0.09	16.14 -0.31 -0.32	18.16 -0.41 -0.02	12.92 -0.17 -0.82	15.55 -0.20 -0.49	17.73 -0.22 -0.83	27.71 -0.45 -0.05	36.49 -0.56 0.00	45.14 -0.50 0.00	48.46 -0.59 0.00	41.79 -0.51 0.00	35.06 -0.50 0.00	30.71 -0.44 0.00
NEG MILLWOOD___DRP 24198	33.03 2.09 -2.25	29.97 1.88 -3.38	27.52 1.77 -1.49	26.65 1.71 -1.16	28.32 1.81 -1.08	29.86 1.90 -0.46	30.72 1.98 0.00	29.74 1.90 -0.65	26.67 1.79 0.00	23.31 1.59 0.00	21.76 1.56 0.00	20.55 1.41 -0.80	20.20 1.34 -2.74	20.23 1.52 -0.16	20.30 1.07 -6.96	20.74 1.30 -4.19	25.68 1.49 -7.07	30.88 2.33 -0.44	40.01 2.96 0.00	48.98 3.33 0.00	52.38 3.34 0.00	45.01 2.71 0.00	37.73 2.17 0.00	32.98 1.84 0.00
NEG NORTH_FLCN_SEA 23793	28.37 -0.32 0.00	24.52 -0.20 0.00	24.19 -0.07 0.00	23.75 -0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.71 -0.03 0.00	27.27 0.08 0.00	24.93 0.05 0.00	21.87 0.15 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.14 0.02 0.00	18.58 0.04 0.00	12.21 -0.06 0.00	15.20 -0.06 0.00	17.07 -0.05 0.00	28.25 0.14 0.00	37.41 0.37 0.00	46.15 0.50 0.00	50.03 0.98 0.00	43.11 0.80 0.00	36.27 0.71 0.00	31.58 0.44 0.00
NEG NORTH_KES_CHATEGAY 23792	28.11 -0.57 0.00	24.27 -0.44 0.00	23.95 -0.32 0.00	23.52 -0.26 0.00	25.10 -0.33 0.00	27.17 -0.33 0.00	28.45 -0.29 0.00	27.00 -0.19 0.00	24.68 -0.20 0.00	21.66 -0.07 0.00	20.08 -0.12 0.00	18.19 -0.15 0.00	15.98 -0.15 0.00	18.40 -0.15 0.00	12.07 -0.20 0.00	15.03 -0.23 0.00	16.88 -0.24 0.00	27.94 -0.17 0.00	37.04 0.00 0.00	45.74 0.09 0.00	49.54 0.49 0.00	42.73 0.42 0.00	35.95 0.39 0.00	31.30 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	28.40 -0.29 0.00	24.54 -0.17 0.00	24.24 -0.02 0.00	23.80 0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.74 0.00 0.00	27.30 0.11 0.00	24.96 0.07 0.00	21.92 0.20 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.15 0.03 0.00	18.60 0.06 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.09 -0.03 0.00	28.33 0.22 0.00	37.53 0.48 0.00	46.29 0.64 0.00	50.22 1.18 0.00	43.23 0.93 0.00	36.38 0.82 0.00	31.61 0.47 0.00
NEG NORTH___LWR_SARANAC 23913	28.40 -0.29 0.00	24.54 -0.17 0.00	24.24 -0.02 0.00	23.80 0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.74 0.00 0.00	27.30 0.11 0.00	24.96 0.07 0.00	21.92 0.20 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.15 0.03 0.00	18.60 0.06 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.09 -0.03 0.00	28.33 0.22 0.00	37.53 0.48 0.00	46.29 0.64 0.00	50.22 1.18 0.00	43.23 0.93 0.00	36.38 0.82 0.00	31.61 0.47 0.00
NEG NORTH___PLATTSBURG 23628	28.40 -0.29 0.00	24.54 -0.17 0.00	24.24 -0.02 0.00	23.80 0.02 0.00	25.36 -0.08 0.00	27.42 -0.08 0.00	28.74 0.00 0.00	27.24 0.05 0.00	24.96 0.07 0.00	21.92 0.20 0.00	20.28 0.08 0.00	18.37 0.04 0.00	16.15 0.03 0.00	18.62 0.07 0.00	12.21 -0.06 0.00	15.21 -0.05 0.00	17.09 -0.03 0.00	28.33 0.22 0.00	37.52 0.48 0.00	46.29 0.64 0.00	50.22 1.18 0.00	43.23 0.93 0.00	36.38 0.82 0.00	31.61 0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	27.16 -1.86 -0.34	23.79 -1.43 -0.51	23.06 -1.43 -0.22	22.52 -1.43 -0.17	23.76 -1.83 -0.16	25.42 -2.14 -0.07	26.41 -2.33 0.00	24.67 -2.61 -0.10	22.54 -2.34 0.00	19.46 -2.26 0.00	17.96 -2.24 0.00	16.50 -1.96 -0.12	14.98 -1.55 -0.41	16.62 -1.95 -0.02	12.41 -0.91 -1.04	14.70 -1.19 -0.63	16.85 -1.34 -1.06	25.19 -2.98 -0.07	32.75 -4.30 0.00	40.63 -5.02 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
NEG WEST___LANCASTR 23811	26.78 -2.30 -0.39	23.50 -1.80 -0.59	22.75 -1.77 -0.26	22.22 -1.76 -0.20	23.46 -2.16 -0.19	25.08 -2.50 -0.08	26.59 -2.16 0.00	24.39 -2.91 -0.11	22.82 -2.07 0.00	19.72 -2.00 0.00	18.20 -2.00 0.00	16.37 -2.11 -0.14	14.91 -1.69 -0.48	16.83 -1.74 -0.03	12.41 -1.07 -1.21	14.63 -1.36 -0.73	16.86 -1.49 -1.23	25.04 -3.15 -0.08	33.30 -3.74 0.00	41.40 -4.25 0.00	44.24 -4.81 0.00	38.24 -4.06 0.00	32.47 -3.09 0.00	28.72 -2.43 0.00
NEG_PENN_ALLEGHNY 23528	29.51 0.09 -0.74	25.95 0.12 -1.11	24.85 0.10 -0.49	24.25 0.10 -0.38	25.81 0.03 -0.35	27.70 0.06 -0.15	28.80 0.06 0.00	27.40 0.00 -0.21	24.78 -0.10 0.00	21.55 -0.17 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.87 -0.15 -0.90	18.34 -0.26 -0.05	14.53 -0.02 -2.28	16.59 -0.05 -1.37	19.41 -0.03 -2.32	28.06 -0.20 -0.14	36.82 -0.22 0.00	45.51 -0.14 0.00	48.80 -0.24 0.00	42.05 -0.25 0.00	35.31 -0.25 0.00	30.99 -0.15 0.00
NEG___GEN_MONROE 24207	28.08 -0.89 -0.28	24.51 -0.62 -0.42	23.79 -0.66 -0.18	23.28 -0.64 -0.14	24.68 -0.89 -0.13	26.54 -1.02 -0.06	27.51 -1.24 0.00	25.88 -1.39 -0.08	23.46 -1.42 0.00	20.24 -1.48 0.00	18.75 -1.45 0.00	17.21 -1.23 -0.10	15.49 -0.97 -0.34	17.29 -1.28 -0.02	12.56 -0.56 -0.86	15.03 -0.75 -0.52	17.17 -0.82 -0.87	26.31 -1.86 -0.05	34.38 -2.67 0.00	42.68 -2.97 0.00	45.81 -3.24 0.00	39.64 -2.67 0.00	33.60 -1.96 0.00	29.71 -1.43 0.00
NEPA___ENERGY 23901	27.73 -1.35 -0.39	24.32 -0.99 -0.59	23.58 -0.95 -0.26	23.03 -0.95 -0.20	24.30 -1.32 -0.19	25.98 -1.59 -0.08	27.19 -1.55 0.00	25.29 -2.01 -0.11	23.34 -1.54 0.00	20.18 -1.54 0.00	18.65 -1.56 0.00	16.99 -1.49 -0.14	15.46 -1.14 -0.48	17.24 -1.34 -0.03	12.85 -0.64 -1.22	15.16 -0.84 -0.73	17.45 -0.91 -1.24	26.02 -2.16 -0.08	34.08 -2.96 0.00	42.31 -3.33 0.00	45.22 -3.83 0.00	39.05 -3.26 0.00	33.11 -2.45 0.00	29.31 -1.84 0.00

NEVERSINK___HYD 23608	32.58 1.86 -2.02	29.42 1.66 -3.04	27.18 1.58 -1.34	26.34 1.52 -1.04	28.01 1.60 -0.97	29.65 1.73 -0.41	30.49 1.75 0.00	29.45 1.69 -0.58	26.40 1.52 0.00	23.02 1.30 0.00	21.41 1.21 0.00	20.18 1.12 -0.72	19.66 1.06 -2.47	19.86 1.17 -0.14	19.39 0.85 -6.28	20.08 1.05 -3.77	24.69 1.20 -6.37	30.39 1.88 -0.40	39.56 2.52 0.00	48.71 3.06 0.00	51.99 2.94 0.00	44.67 2.37 0.00	37.51 1.95 0.00	32.80 1.65 0.00
NEWKRMKL_115KV_TB1 55635	32.23 0.77 -2.77	29.55 0.67 -4.17	26.76 0.66 -1.83	25.87 0.67 -1.43	27.45 0.69 -1.33	28.81 0.74 -0.57	29.52 0.78 0.00	28.66 0.68 -0.80	25.50 0.62 0.00	22.22 0.50 0.00	20.69 0.48 0.00	19.77 0.44 -0.99	19.86 0.35 -3.38	19.15 0.41 -0.20	21.14 0.28 -8.59	20.80 0.38 -5.16	26.24 0.39 -8.72	29.44 0.79 -0.54	37.97 0.93 0.00	46.51 0.87 0.00	49.68 0.64 0.00	42.89 0.59 0.00	36.13 0.57 0.00	31.74 0.59 0.00
NEWTON___FALLS_HYD 23847	27.45 -1.29 -0.06	23.71 -1.09 -0.09	23.24 -1.07 -0.04	22.81 -1.00 -0.03	24.42 -1.04 -0.03	26.41 -1.10 -0.01	27.59 -1.15 0.00	26.14 -1.06 -0.02	23.86 -1.02 0.00	20.81 -0.91 0.00	19.27 -0.93 0.00	17.50 -0.86 -0.02	15.40 -0.79 -0.07	17.62 -0.93 0.00	11.77 -0.67 -0.18	14.57 -0.79 -0.11	16.46 -0.84 -0.18	26.99 -1.12 -0.01	35.97 -1.07 0.00	44.64 -1.00 0.00	48.46 -0.59 0.00	41.84 -0.47 0.00	35.10 -0.46 0.00	30.52 -0.62 0.00
NGRID_A1_DSASP 323792	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.12 -2.45 -0.07	26.21 -2.53 0.00	24.81 -2.47 -0.10	22.34 -2.54 0.00	19.31 -2.41 0.00	17.78 -2.42 0.00	16.37 -2.09 -0.12	14.89 -1.64 -0.42	16.36 -2.21 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.71 0.00	40.03 -5.62 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
NGRID_A2_DSASP 323793	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.12 -2.45 -0.07	26.21 -2.53 0.00	24.81 -2.47 -0.10	22.34 -2.54 0.00	19.31 -2.41 0.00	17.78 -2.42 0.00	16.37 -2.09 -0.12	14.89 -1.64 -0.42	16.36 -2.21 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.71 0.00	40.03 -5.62 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
NGRID_A4_DSASP 323807	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.12 -2.45 -0.07	26.21 -2.53 0.00	24.81 -2.47 -0.10	22.34 -2.54 0.00	19.31 -2.41 0.00	17.78 -2.42 0.00	16.37 -2.09 -0.12	14.89 -1.64 -0.42	16.36 -2.21 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.71 0.00	40.03 -5.62 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
NIAGARA_115E_LBMP 323715	26.76 -2.27 -0.34	23.43 -1.80 -0.51	22.72 -1.77 -0.23	22.19 -1.76 -0.18	23.39 -2.21 -0.16	24.98 -2.59 -0.07	26.07 -2.67 0.00	24.68 -2.61 -0.10	22.19 -2.69 0.00	19.18 -2.54 0.00	17.68 -2.53 0.00	16.26 -2.20 -0.12	14.78 -1.76 -0.42	16.23 -2.34 -0.02	12.26 -1.07 -1.06	14.51 -1.39 -0.64	16.62 -1.57 -1.08	24.80 -3.37 -0.07	32.19 -4.85 0.00	39.85 -5.80 0.00	42.57 -6.48 0.00	37.01 -5.29 0.00	31.61 -3.95 0.00	28.22 -2.93 0.00
NIAGARA_115W_LBMP 323714	26.85 -2.18 -0.34	23.60 -1.63 -0.51	22.87 -1.63 -0.23	22.34 -1.62 -0.18	23.56 -2.04 -0.16	25.04 -2.53 -0.07	26.13 -2.62 0.00	24.73 -2.56 -0.10	22.27 -2.61 0.00	19.24 -2.48 0.00	17.74 -2.47 0.00	16.33 -2.13 -0.12	14.86 -1.68 -0.42	16.33 -2.24 -0.02	12.32 -1.01 -1.06	14.58 -1.31 -0.64	16.69 -1.51 -1.07	24.91 -3.26 -0.07	32.27 -4.78 0.00	39.89 -5.75 0.00	42.62 -6.42 0.00	37.01 -5.29 0.00	31.65 -3.91 0.00	28.28 -2.86 0.00
NIAGARA_230_LBMP 323716	27.10 -1.92 -0.34	23.71 -1.51 -0.51	23.01 -1.48 -0.22	22.48 -1.47 -0.17	23.71 -1.88 -0.16	25.31 -2.25 -0.07	26.41 -2.33 0.00	25.00 -2.28 -0.10	22.52 -2.36 0.00	19.46 -2.26 0.00	17.94 -2.26 0.00	16.51 -1.94 -0.12	15.00 -1.53 -0.41	16.51 -2.06 -0.02	12.42 -0.90 -1.04	14.71 -1.17 -0.63	16.83 -1.35 -1.06	25.19 -2.98 -0.07	32.67 -4.37 0.00	40.40 -5.25 0.00	43.16 -5.89 0.00	37.48 -4.82 0.00	32.00 -3.56 0.00	28.59 -2.55 0.00
NIAGARA___115KV_198_GIBSON 55903	26.85 -2.18 -0.34	23.60 -1.63 -0.51	22.87 -1.63 -0.23	22.34 -1.62 -0.18	23.56 -2.03 -0.16	25.09 -2.47 -0.07	26.07 -2.67 0.00	24.35 -2.94 -0.10	22.27 -2.61 0.00	19.24 -2.48 0.00	17.74 -2.46 0.00	16.33 -2.13 -0.12	14.86 -1.68 -0.42	16.44 -2.13 -0.02	12.32 -1.01 -1.06	14.58 -1.31 -0.64	16.69 -1.51 -1.07	24.91 -3.26 -0.07	32.27 -4.78 0.00	39.90 -5.75 0.00	42.62 -6.43 0.00	37.01 -5.29 0.00	31.65 -3.91 0.00	28.28 -2.87 0.00
NIAGARA____ 23760	27.11 -1.92 -0.34	23.72 -1.51 -0.51	23.01 -1.48 -0.23	22.48 -1.47 -0.18	23.72 -1.88 -0.16	25.31 -2.25 -0.07	26.41 -2.33 0.00	25.00 -2.28 -0.10	22.52 -2.36 0.00	19.46 -2.26 0.00	17.94 -2.26 0.00	16.51 -1.94 -0.12	15.01 -1.53 -0.42	16.51 -2.06 -0.02	12.43 -0.90 -1.06	14.72 -1.17 -0.64	16.84 -1.35 -1.07	25.19 -2.98 -0.07	32.67 -4.37 0.00	40.40 -5.25 0.00	43.16 -5.89 0.00	37.48 -4.82 0.00	32.00 -3.56 0.00	28.59 -2.55 0.00
NINE_MILE_1 23575	28.07 -0.75 -0.13	24.27 -0.64 -0.20	23.72 -0.63 -0.09	23.23 -0.62 -0.07	24.78 -0.71 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.44 -0.79 -0.04	24.08 -0.80 0.00	20.98 -0.74 0.00	19.49 -0.71 0.00	17.76 -0.62 -0.05	15.75 -0.53 -0.16	17.91 -0.65 -0.01	12.31 -0.37 -0.40	15.04 -0.46 -0.24	17.02 -0.51 -0.41	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00
NINE_MILE_2 23744	28.07 -0.75 -0.13	24.29 -0.62 -0.20	23.72 -0.63 -0.09	23.23 -0.62 -0.07	24.78 -0.71 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.43 -0.79 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.49 -0.71 0.00	17.76 -0.62 -0.05	15.75 -0.53 -0.16	17.91 -0.65 -0.01	12.30 -0.37 -0.40	15.04 -0.46 -0.24	17.02 -0.51 -0.41	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00
NM_CAPITAL___DRP 24208	32.31 0.86 -2.77	29.62 0.74 -4.16	26.83 0.73 -1.83	25.94 0.74 -1.43	27.50 0.74 -1.32	28.86 0.80 -0.57	29.60 0.86 0.00	28.74 0.76 -0.79	25.60 0.72 0.00	22.29 0.56 0.00	20.75 0.55 0.00	19.80 0.48 -0.99	19.90 0.40 -3.37	19.21 0.46 -0.19	21.16 0.32 -8.57	20.83 0.41 -5.15	26.29 0.46 -8.71	29.52 0.87 -0.54	38.08 1.04 0.00	46.65 1.00 0.00	49.78 0.74 0.00	43.02 0.72 0.00	36.20 0.64 0.00	31.80 0.65 0.00
NM_CENTRAL___DRP 24181	28.66 -0.23 -0.20	24.84 -0.17 -0.30	24.20 -0.19 -0.13	23.67 -0.21 -0.10	25.25 -0.28 -0.10	27.24 -0.30 -0.04	28.43 -0.32 0.00	26.86 -0.38 -0.06	24.51 -0.37 0.00	21.31 -0.41 0.00	19.80 -0.40 0.00	18.04 -0.37 -0.07	16.07 -0.29 -0.24	18.19 -0.37 -0.01	12.71 -0.17 -0.62	15.43 -0.20 -0.37	17.51 -0.24 -0.63	27.64 -0.51 -0.04	36.34 -0.70 0.00	44.87 -0.78 0.00	48.16 -0.88 0.00	41.54 -0.76 0.00	34.88 -0.68 0.00	30.59 -0.56 0.00

NM_FRONTIER___DRP 24179	26.85 -2.18 -0.34	23.60 -1.63 -0.51	22.87 -1.63 -0.23	22.34 -1.62 -0.18	23.56 -2.03 -0.16	25.09 -2.47 -0.07	26.07 -2.67 0.00	24.35 -2.94 -0.10	22.27 -2.61 0.00	19.24 -2.48 0.00	17.74 -2.46 0.00	16.33 -2.13 -0.12	14.86 -1.68 -0.42	16.44 -2.13 -0.02	12.32 -1.01 -1.06	14.58 -1.31 -0.64	16.69 -1.51 -1.07	24.91 -3.26 -0.07	32.27 -4.78 0.00	39.90 -5.75 0.00	42.62 -6.43 0.00	37.01 -5.29 0.00	31.65 -3.91 0.00	28.28 -2.87 0.00
NM_ST_REGIS___HYD 24053	27.57 -1.12 0.00	23.78 -0.94 0.00	23.42 -0.85 0.00	22.99 -0.78 0.00	24.57 -0.86 0.00	26.56 -0.93 0.00	27.82 -0.92 0.00	26.40 -0.79 0.00	24.11 -0.77 0.00	21.16 -0.56 0.00	19.58 -0.63 0.00	17.73 -0.61 0.00	15.57 -0.55 0.00	17.94 -0.61 0.00	11.75 -0.52 0.00	14.66 -0.60 0.00	16.47 -0.65 0.00	27.35 -0.76 0.00	36.34 -0.70 0.00	44.92 -0.73 0.00	48.85 -0.20 0.00	42.26 -0.04 0.00	35.52 -0.04 0.00	30.87 -0.28 0.00
NORTHPORT___1 23551	37.76 2.75 -6.32	30.53 2.45 -3.37	28.13 2.38 -1.48	27.22 2.28 -1.16	28.87 2.37 -1.07	30.49 2.53 -0.47	31.33 2.59 0.00	30.30 2.47 -0.64	27.14 2.26 0.00	23.90 2.17 -0.01	22.50 1.98 -0.32	20.96 1.82 -0.80	20.52 1.68 -2.72	20.73 1.89 -0.29	21.19 1.33 -7.60	23.30 1.60 -6.44	37.28 1.78 -18.38	45.40 2.36 -14.93	46.64 2.63 -6.97	47.28 2.92 1.29	47.28 2.70 4.46	46.64 2.16 -2.18	38.35 2.70 -0.09	33.55 2.40 -0.01
NORTHPORT___2 23552	37.76 2.75 -6.32	30.53 2.45 -3.37	28.13 2.38 -1.48	27.22 2.28 -1.16	28.87 2.37 -1.07	30.49 2.53 -0.47	31.33 2.59 0.00	30.30 2.47 -0.64	27.14 2.26 0.00	23.90 2.17 -0.01	22.50 1.98 -0.32	20.96 1.82 -0.80	20.52 1.68 -2.72	20.73 1.89 -0.29	21.19 1.33 -7.60	23.30 1.60 -6.44	37.28 1.78 -18.38	45.40 2.36 -14.93	46.64 2.63 -6.97	46.83 2.92 1.74	46.83 2.70 4.91	46.64 2.16 -2.18	38.35 2.70 -0.09	33.55 2.40 -0.01
NORTHPORT___3 23553	37.98 2.93 -6.36	30.71 2.62 -3.38	28.35 2.60 -1.49	27.45 2.52 -1.16	29.15 2.65 -1.07	30.75 2.78 -0.47	31.62 2.87 0.00	30.60 2.77 -0.64	27.44 2.56 0.00	24.16 2.43 -0.01	22.74 2.22 -0.32	21.19 2.05 -0.80	20.73 1.89 -2.72	20.95 2.11 -0.29	21.35 1.47 -7.61	23.43 1.71 -6.46	37.50 1.90 -18.48	46.03 2.87 -15.05	46.42 3.37 -6.01	46.42 3.93 3.15	46.42 3.73 6.35	46.85 3.00 -1.54	38.56 2.92 -0.08	33.74 2.58 -0.01
NORTHPORT___4 23650	37.98 2.93 -6.36	30.71 2.62 -3.38	28.35 2.60 -1.49	27.45 2.52 -1.16	29.15 2.65 -1.07	30.75 2.78 -0.47	31.62 2.87 0.00	30.60 2.77 -0.64	27.44 2.56 0.00	24.16 2.43 -0.01	22.74 2.22 -0.32	21.19 2.05 -0.80	20.73 1.89 -2.72	20.95 2.11 -0.29	21.35 1.47 -7.61	23.43 1.71 -6.46	37.50 1.90 -18.48	46.03 2.87 -15.05	46.42 3.37 -6.01	46.42 3.93 3.15	46.42 3.73 6.35	46.85 3.00 -1.54	38.56 2.92 -0.08	33.74 2.58 -0.01
NORTHPORT___IC 23718	37.76 2.75 -6.32	30.53 2.45 -3.37	28.13 2.38 -1.48	27.22 2.28 -1.16	28.87 2.37 -1.07	30.47 2.50 -0.47	31.30 2.56 0.00	30.25 2.42 -0.64	27.15 2.26 0.00	23.91 2.19 0.00	22.50 1.98 -0.32	20.96 1.82 -0.80	20.52 1.68 -2.72	20.75 1.91 -0.29	21.19 1.33 -7.60	23.30 1.60 -6.44	37.28 1.78 -18.38	45.40 2.36 -14.93	46.64 2.63 -6.97	46.83 2.92 1.74	46.83 2.70 4.91	46.64 2.16 -2.18	38.35 2.70 -0.09	33.55 2.40 -0.01
NORTH___COUNTRY_ESR 323785	28.06 -0.63 0.00	24.22 -0.49 0.00	23.88 -0.39 0.00	23.44 -0.33 0.00	25.05 -0.38 0.00	27.11 -0.38 0.00	28.40 -0.34 0.00	26.92 -0.27 0.00	24.66 -0.22 0.00	21.63 -0.09 0.00	20.08 -0.12 0.00	18.19 -0.15 0.00	15.96 -0.16 0.00	18.44 -0.11 0.00	12.07 -0.20 0.00	15.03 -0.23 0.00	16.86 -0.26 0.00	27.91 -0.20 0.00	36.97 -0.07 0.00	45.60 -0.05 0.00	49.39 0.35 0.00	42.60 0.30 0.00	35.84 0.28 0.00	31.24 0.09 0.00
NPX_GEN_1385_PROXY 323591	37.76 2.75 -6.32	30.53 2.45 -3.37	28.13 2.38 -1.48	27.22 2.28 -1.16	28.87 2.37 -1.07	30.49 2.53 -0.47	31.33 2.59 0.00	30.27 2.47 -0.61	27.17 2.26 -0.03	23.90 2.17 -0.01	22.50 1.98 -0.32	20.96 1.82 -0.80	20.52 1.68 -2.72	20.69 1.85 -0.29	21.18 1.31 -7.60	23.28 1.59 -6.44	32.13 1.71 -13.30	45.37 2.33 -14.93	46.64 2.63 -6.97	47.17 2.92 1.40	47.17 2.70 4.57	46.64 2.16 -2.18	38.35 2.70 -0.09	33.55 2.40 -0.01
NPX_GEN_CSC 323557	38.62 3.56 -6.38	31.26 3.16 -3.38	28.81 3.06 -1.48	27.86 2.92 -1.16	29.56 3.05 -1.07	31.29 3.33 -0.47	32.07 3.33 0.00	30.95 3.15 -0.61	27.77 2.86 -0.03	24.40 2.67 -0.01	22.93 2.40 -0.32	21.32 2.18 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.73 2.00 -6.47	37.92 2.26 -18.53	49.27 3.34 -17.82	89.24 4.04 -48.15	104.51 4.70 -54.16	133.87 4.61 -80.22	53.83 3.76 -7.76	39.44 3.73 -0.15	34.45 3.30 -0.01
NSINS_S_GLNS_FALLS 23858	32.90 1.38 -2.83	30.14 1.16 -4.26	27.28 1.14 -1.88	26.38 1.14 -1.46	28.04 1.25 -1.36	29.43 1.35 -0.58	30.09 1.35 0.00	29.17 1.17 -0.81	25.83 0.95 0.00	22.37 0.65 0.00	20.75 0.55 0.00	19.83 0.48 -1.01	19.93 0.35 -3.46	19.14 0.39 -0.20	21.30 0.25 -8.79	20.92 0.38 -5.28	26.54 0.50 -8.93	29.87 1.21 -0.56	38.82 1.78 0.00	47.93 2.28 0.00	51.40 2.35 0.00	44.25 1.95 0.00	37.23 1.67 0.00	32.49 1.34 0.00
NUCOR_STEEL___DRP 24197	28.85 -0.09 -0.25	25.07 -0.02 -0.38	24.38 -0.05 -0.17	23.83 -0.07 -0.13	25.43 -0.13 -0.12	27.44 -0.11 -0.05	28.63 -0.11 0.00	27.07 -0.19 -0.07	24.61 -0.27 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.10 -0.33 -0.09	16.15 -0.27 -0.31	18.19 -0.37 -0.02	12.90 -0.15 -0.78	15.54 -0.18 -0.47	17.70 -0.21 -0.79	27.74 -0.42 -0.05	36.49 -0.56 0.00	45.14 -0.50 0.00	48.51 -0.54 0.00	41.84 -0.47 0.00	35.10 -0.46 0.00	30.77 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	27.99 -0.77 -0.08	24.24 -0.59 -0.12	23.71 -0.61 -0.05	23.25 -0.57 -0.04	24.96 -0.51 -0.04	26.99 -0.52 -0.02	28.19 -0.55 0.00	26.67 -0.54 -0.02	24.43 -0.45 0.00	21.20 -0.52 0.00	19.64 -0.57 0.00	17.83 -0.53 -0.03	15.73 -0.48 -0.10	17.94 -0.61 -0.01	12.11 -0.40 -0.24	14.95 -0.46 -0.15	16.90 -0.46 -0.25	27.56 -0.56 -0.02	36.79 -0.26 0.00	45.74 0.09 0.00	49.49 0.44 0.00	42.60 0.30 0.00	35.67 0.11 0.00	31.08 -0.06 0.00
NYISO_LBMP_REFERENCE 24008	28.69 0.00 0.00	24.72 0.00 0.00	24.27 0.00 0.00	23.78 0.00 0.00	25.43 0.00 0.00	27.50 0.00 0.00	28.74 0.00 0.00	27.19 0.00 0.00	24.88 0.00 0.00	21.72 0.00 0.00	20.20 0.00 0.00	18.34 0.00 0.00	16.12 0.00 0.00	18.55 0.00 0.00	12.27 0.00 0.00	15.26 0.00 0.00	17.12 0.00 0.00	28.11 0.00 0.00	37.04 0.00 0.00	45.65 0.00 0.00	49.05 0.00 0.00	42.30 0.00 0.00	35.56 0.00 0.00	31.15 0.00 0.00
NYPA_BRENTWD____GT 24164	38.30 3.18 -6.43	30.93 2.84 -3.37	28.49 2.74 -1.48	27.57 2.64 -1.16	29.26 2.75 -1.07	30.91 2.94 -0.47	31.73 2.99 0.00	30.65 2.83 -0.64	27.47 2.59 0.00	24.18 2.45 -0.01	22.77 2.24 -0.33	21.18 2.04 -0.80	20.71 1.87 -2.72	20.96 2.11 -0.30	21.38 1.48 -7.63	23.59 1.82 -6.52	37.89 2.04 -18.73	46.94 2.92 -15.91	55.68 3.41 -15.23	61.20 3.93 -11.63	69.81 3.83 -16.93	48.72 3.13 -3.29	38.93 3.27 -0.10	34.05 2.90 -0.01

NYPA_GOWANUS____GT5 24156	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NYPA_GOWANUS____GT6 24157	33.36 2.44 -2.23	30.29 2.23 -3.35	27.91 2.16 -1.48	26.98 2.05 -1.15	28.62 2.11 -1.07	30.12 2.17 -0.46	30.90 2.16 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.95 1.82 -0.79	20.56 1.69 -2.74	23.56 1.87 -3.14	29.96 1.31 -16.37	35.58 1.60 -18.72	25.96 1.78 -7.06	54.90 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02
NYPA_HARLEM__RVR__GT1 24160	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.89 2.01 0.01	23.63 1.89 -0.02	22.08 1.86 -0.02	20.93 1.78 -0.82	20.52 1.66 -2.74	25.14 1.85 -4.74	20.91 1.30 -7.34	21.48 1.60 -4.62	25.88 1.76 -6.99	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.08 3.04 0.01	44.70 2.41 0.01	37.51 1.95 0.00	33.01 1.87 0.00
NYPA_HARLEM__RVR__GT2 24161	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.89 2.01 0.01	23.63 1.89 -0.02	22.08 1.86 -0.02	20.93 1.78 -0.82	20.52 1.66 -2.74	25.14 1.85 -4.74	20.91 1.30 -7.34	21.48 1.60 -4.62	25.88 1.76 -6.99	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.08 3.04 0.01	44.70 2.41 0.01	37.51 1.95 0.00	33.01 1.87 0.00
NYPA_KENT____GT 24152	33.33 2.41 -2.23	30.27 2.20 -3.35	27.86 2.11 -1.48	26.95 2.02 -1.16	28.57 2.06 -1.07	30.10 2.15 -0.46	30.87 2.13 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.53 1.68 -2.73	23.56 1.87 -3.14	27.72 1.31 -14.14	31.27 1.60 -14.41	25.93 1.78 -7.03	44.74 2.64 -13.99	46.31 3.07 -6.20	49.24 3.56 -0.03	52.33 3.29 0.00	47.43 2.67 -2.46	37.68 2.10 -0.02	33.15 2.00 -0.01
NYPA_POUCH1____GT 24155	33.30 2.38 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.59 2.09 -1.07	30.10 2.15 -0.46	30.87 2.13 0.00	29.95 2.12 -0.64	26.87 1.99 0.00	23.59 1.87 0.00	22.04 1.84 0.00	20.91 1.78 -0.79	20.51 1.65 -2.74	23.48 1.80 -3.14	29.91 1.26 -16.37	35.52 1.54 -18.72	25.89 1.71 -7.06	54.78 2.56 -24.12	50.83 2.96 -10.82	49.13 3.43 -0.06	52.14 3.09 0.00	49.14 2.54 -4.30	37.58 1.99 -0.03	33.16 2.00 -0.02
NYPA_VERNON____GT2 24162	33.27 2.35 -2.23	30.22 2.15 -3.35	27.83 2.09 -1.48	26.91 1.97 -1.16	28.54 2.04 -1.07	30.07 2.12 -0.46	30.84 2.10 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.50 1.66 -2.72	23.56 1.87 -3.14	25.48 1.31 -11.90	26.97 1.60 -10.10	25.91 1.78 -7.01	34.62 2.64 -3.87	41.69 3.07 -1.57	49.17 3.52 -0.01	52.28 3.24 0.00	45.55 2.62 -0.62	37.66 2.10 0.00	33.11 1.96 0.00
NYPA_VERNON____GT3 24163	33.27 2.35 -2.23	30.22 2.15 -3.35	27.83 2.09 -1.48	26.91 1.97 -1.16	28.54 2.04 -1.07	30.07 2.12 -0.46	30.84 2.10 0.00	29.97 2.15 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.50 1.66 -2.72	23.56 1.87 -3.14	25.48 1.31 -11.90	26.97 1.60 -10.10	25.91 1.78 -7.01	34.62 2.64 -3.87	41.69 3.07 -1.57	49.17 3.52 -0.01	52.28 3.24 0.00	45.55 2.62 -0.62	37.66 2.10 0.00	33.11 1.96 0.00
NYPA____ASTORIA_CC1 323568	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.90 1.97 -1.15	28.54 2.04 -1.07	30.04 2.09 -0.46	30.81 2.07 0.00	29.95 2.12 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.50 1.66 -2.71	23.54 1.85 -3.14	24.71 1.30 -11.14	25.50 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.11 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
NYPA____ASTORIA_CC2 323569	33.27 2.35 -2.23	30.22 2.15 -3.35	27.81 2.06 -1.48	26.90 1.97 -1.15	28.54 2.04 -1.07	30.04 2.09 -0.46	30.81 2.07 0.00	29.95 2.12 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.50 1.66 -2.71	23.54 1.85 -3.14	24.71 1.30 -11.14	25.50 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.04 3.00 0.00	49.11 3.47 0.00	52.19 3.14 0.00	44.88 2.58 0.00	37.59 2.03 0.00	33.08 1.93 0.00
NYPA____HOLTSVILL 23794	38.30 3.24 -6.37	30.98 2.89 -3.38	28.56 2.81 -1.48	27.62 2.69 -1.16	29.31 2.80 -1.07	30.99 3.02 -0.47	31.79 3.05 0.00	30.74 2.91 -0.64	27.54 2.66 0.00	24.23 2.50 -0.01	22.79 2.26 -0.32	21.21 2.07 -0.80	20.75 1.90 -2.72	20.99 2.15 -0.29	21.39 1.51 -7.61	23.58 1.85 -6.47	37.73 2.09 -18.52	48.83 2.98 -17.74	87.82 3.48 -47.30	102.76 4.02 -53.09	131.56 3.87 -78.64	53.12 3.17 -7.65	39.01 3.31 -0.14	34.08 2.93 -0.01
NYPA____HELLGATE_GT1 24158	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.89 2.01 0.01	23.60 1.89 0.01	22.05 1.86 0.01	20.90 1.78 -0.79	20.49 1.66 -2.71	20.87 1.85 -0.47	26.99 1.30 -13.42	27.93 1.60 -11.06	25.91 1.76 -7.02	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.08 3.04 0.01	44.70 2.41 0.01	37.51 1.95 0.00	33.01 1.87 0.00
NYPA____HELLGATE_GT2 24159	33.36 2.44 -2.23	30.27 2.20 -3.35	27.88 2.14 -1.48	26.95 2.02 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.69 1.96 0.01	29.88 2.07 -0.63	26.89 2.01 0.01	23.60 1.89 0.01	22.05 1.86 0.01	20.90 1.78 -0.79	20.49 1.66 -2.71	20.87 1.85 -0.47	26.99 1.30 -13.42	27.93 1.60 -11.06	25.91 1.76 -7.02	31.12 2.58 -0.43	39.96 2.93 0.01	48.97 3.33 0.01	52.08 3.04 0.01	44.70 2.41 0.01	37.51 1.95 0.00	33.01 1.87 0.00
NYS_BARGE____HYD 23848	27.13 -1.89 -0.33	23.76 -1.46 -0.50	23.03 -1.46 -0.22	22.50 -1.45 -0.17	23.74 -1.86 -0.16	25.37 -2.20 -0.07	26.47 -2.27 0.00	25.05 -2.23 -0.10	22.54 -2.34 0.00	19.44 -2.28 0.00	17.92 -2.28 0.00	16.48 -1.98 -0.12	14.97 -1.56 -0.41	16.46 -2.11 -0.02	12.39 -0.92 -1.04	14.68 -1.21 -0.62	16.82 -1.35 -1.05	25.17 -3.01 -0.07	32.71 -4.33 0.00	40.58 -5.07 0.00	43.41 -5.64 0.00	37.69 -4.61 0.00	32.15 -3.41 0.00	28.62 -2.52 0.00
OAK ORCHARD____HYD 24046	28.13 -0.83 -0.27	24.53 -0.59 -0.41	23.82 -0.63 -0.18	23.28 -0.64 -0.14	24.67 -0.89 -0.13	26.45 -1.10 -0.06	27.56 -1.18 0.00	26.10 -1.17 -0.08	23.59 -1.29 0.00	20.40 -1.33 0.00	18.91 -1.29 0.00	17.37 -1.06 -0.10	15.63 -0.82 -0.34	17.43 -1.13 -0.02	12.66 -0.47 -0.85	15.16 -0.61 -0.51	17.30 -0.69 -0.86	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.71 -1.85 0.00	29.78 -1.37 0.00

OAKDALE___35_KV_LOAD 356122	29.48 0.06 -0.73	25.91 0.10 -1.10	24.85 0.10 -0.48	24.23 0.07 -0.38	25.78 0.00 -0.35	27.62 -0.03 -0.15	28.74 0.00 0.00	27.23 -0.16 -0.21	24.78 -0.10 0.00	21.53 -0.20 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.87 -0.15 -0.89	18.41 -0.19 -0.05	14.51 -0.02 -2.27	16.58 -0.05 -1.36	19.39 -0.03 -2.30	28.03 -0.22 -0.14	36.78 -0.26 0.00	45.46 -0.18 0.00	48.70 -0.34 0.00	41.96 -0.34 0.00	35.28 -0.28 0.00	30.96 -0.19 0.00
OCC_CHEM___DRP 24175	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.18 -2.39 -0.07	26.15 -2.59 0.00	24.43 -2.85 -0.10	22.34 -2.54 0.00	19.29 -2.43 0.00	17.80 -2.40 0.00	16.39 -2.07 -0.12	14.91 -1.63 -0.42	16.49 -2.08 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.70 0.00	40.03 -5.61 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
OH_GEN_PROXY 24063	27.13 -1.89 -0.34	23.74 -1.48 -0.51	23.03 -1.46 -0.22	22.50 -1.45 -0.17	23.74 -1.86 -0.16	25.34 -2.23 -0.07	26.44 -2.30 0.00	25.00 -2.26 -0.07	22.60 -2.31 -0.03	19.51 -2.22 0.00	18.00 -2.20 0.00	16.55 -1.91 -0.12	15.03 -1.50 -0.41	16.55 -2.02 -0.02	12.43 -0.88 -1.05	14.73 -1.16 -0.63	16.86 -1.32 -1.06	25.25 -2.92 -0.07	32.75 -4.30 0.00	40.54 -5.11 0.00	43.31 -5.74 0.00	37.57 -4.74 0.00	32.08 -3.48 0.00	28.62 -2.52 0.00
OLIN_CORP_DRP 24177	26.82 -2.21 -0.34	23.50 -1.73 -0.52	22.77 -1.72 -0.23	22.24 -1.71 -0.18	23.46 -2.14 -0.17	25.07 -2.50 -0.07	26.07 -2.67 0.00	24.32 -2.96 -0.10	22.27 -2.61 0.00	19.22 -2.50 0.00	17.72 -2.48 0.00	16.30 -2.16 -0.12	14.83 -1.71 -0.42	16.42 -2.15 -0.02	12.30 -1.04 -1.07	14.56 -1.34 -0.64	16.68 -1.52 -1.09	24.89 -3.29 -0.07	32.27 -4.78 0.00	39.94 -5.71 0.00	42.72 -6.33 0.00	37.10 -5.20 0.00	31.68 -3.88 0.00	28.28 -2.87 0.00
OLIN_CORP_DSASP 323712	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.12 -2.45 -0.07	26.21 -2.53 0.00	24.81 -2.47 -0.10	22.34 -2.54 0.00	19.31 -2.41 0.00	17.78 -2.42 0.00	16.37 -2.09 -0.12	14.89 -1.64 -0.42	16.36 -2.21 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.71 0.00	40.03 -5.62 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
ONEIDA_HERK_LFGE 323681	28.76 0.00 -0.07	24.84 0.02 -0.10	24.31 0.00 -0.05	23.84 0.02 -0.04	25.57 0.10 -0.03	27.62 0.11 -0.01	28.86 0.12 0.00	27.29 0.08 -0.02	24.91 0.02 0.00	21.63 -0.09 0.00	20.06 -0.14 0.00	18.23 -0.13 -0.02	16.08 -0.13 -0.08	18.35 -0.20 0.00	12.37 -0.11 -0.21	15.28 -0.11 -0.13	17.27 -0.07 -0.22	28.09 -0.03 -0.01	37.34 0.29 0.00	46.24 0.59 0.00	49.83 0.78 0.00	42.94 0.64 0.00	35.99 0.43 0.00	31.43 0.28 0.00
ONEIDA___115KV_TB4 55905	29.28 0.46 -0.13	25.33 0.42 -0.20	24.72 0.36 -0.09	24.22 0.38 -0.07	25.93 0.43 -0.06	28.02 0.49 -0.03	29.23 0.49 0.00	27.60 0.38 -0.04	25.13 0.25 0.00	21.81 0.09 0.00	20.22 0.02 0.00	18.40 0.02 -0.05	16.30 0.02 -0.16	18.52 -0.04 -0.01	12.70 0.02 -0.40	15.56 0.06 -0.24	17.63 0.10 -0.41	28.33 0.20 -0.03	37.56 0.52 0.00	46.51 0.87 0.00	50.08 1.03 0.00	43.11 0.80 0.00	36.13 0.57 0.00	31.61 0.47 0.00
ONONDAGA_REF_OCCRA 23987	28.79 -0.14 -0.24	24.98 -0.10 -0.37	24.31 -0.12 -0.16	23.78 -0.12 -0.13	25.37 -0.18 -0.12	27.36 -0.19 -0.05	28.54 -0.20 0.00	26.99 -0.27 -0.07	24.61 -0.27 0.00	21.37 -0.35 0.00	19.88 -0.32 0.00	18.11 -0.31 -0.09	16.18 -0.24 -0.30	18.25 -0.32 -0.02	12.89 -0.13 -0.76	15.56 -0.15 -0.46	17.70 -0.19 -0.77	27.76 -0.39 -0.05	36.53 -0.52 0.00	45.10 -0.55 0.00	48.41 -0.64 0.00	41.75 -0.55 0.00	35.03 -0.53 0.00	30.74 -0.40 0.00
ONONDAGA___COGEN 23986	28.69 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	26.95 -0.30 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.74 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
ONTARIO___LFGE 23819	28.78 -0.23 -0.32	25.07 -0.12 -0.48	24.33 -0.14 -0.21	23.78 -0.17 -0.16	25.31 -0.28 -0.15	27.26 -0.30 -0.07	28.48 -0.26 0.00	26.92 -0.35 -0.09	24.33 -0.55 0.00	21.03 -0.70 0.00	19.49 -0.71 0.00	17.81 -0.64 -0.11	15.99 -0.52 -0.39	17.85 -0.72 -0.02	12.98 -0.28 -0.99	15.50 -0.35 -0.59	17.75 -0.38 -1.00	27.35 -0.82 -0.06	36.08 -0.96 0.00	44.83 -0.82 0.00	47.92 -1.13 0.00	41.50 -0.81 0.00	34.85 -0.71 0.00	30.59 -0.56 0.00
ORANGEVILLE_WT_PWR 323706	27.70 -1.41 -0.42	24.30 -1.04 -0.63	23.52 -1.02 -0.28	22.97 -1.02 -0.22	24.28 -1.35 -0.20	26.10 -1.49 -0.09	27.19 -1.55 0.00	25.65 -1.66 -0.12	23.07 -1.82 0.00	19.92 -1.80 0.00	18.40 -1.80 0.00	16.84 -1.65 -0.15	15.32 -1.31 -0.51	16.81 -1.76 -0.03	12.79 -0.77 -1.29	15.03 -1.01 -0.78	17.32 -1.11 -1.31	25.80 -2.39 -0.08	33.86 -3.19 0.00	42.18 -3.47 0.00	45.22 -3.83 0.00	39.13 -3.17 0.00	33.11 -2.45 0.00	29.28 -1.87 0.00
ORANGEVILLE___ESR 323794	27.70 -1.41 -0.42	24.30 -1.04 -0.63	23.52 -1.02 -0.28	22.97 -1.02 -0.22	24.28 -1.35 -0.20	26.10 -1.49 -0.09	27.19 -1.55 0.00	25.65 -1.66 -0.12	23.07 -1.82 0.00	19.92 -1.80 0.00	18.40 -1.80 0.00	16.84 -1.65 -0.15	15.32 -1.31 -0.51	16.81 -1.76 -0.03	12.79 -0.77 -1.29	15.03 -1.01 -0.78	17.32 -1.11 -1.31	25.80 -2.39 -0.08	33.86 -3.19 0.00	42.18 -3.47 0.00	45.22 -3.83 0.00	39.13 -3.17 0.00	33.11 -2.45 0.00	29.28 -1.87 0.00
OSWEGATCHIE___HYD 24044	27.45 -1.29 -0.06	23.71 -1.09 -0.09	23.24 -1.07 -0.04	22.81 -1.00 -0.03	24.42 -1.04 -0.03	26.41 -1.10 -0.01	27.59 -1.15 0.00	26.11 -1.09 -0.02	23.86 -1.02 0.00	20.81 -0.91 0.00	19.27 -0.93 0.00	17.50 -0.86 -0.02	15.40 -0.79 -0.07	17.64 -0.91 0.00	11.77 -0.67 -0.18	14.57 -0.79 -0.11	16.46 -0.84 -0.18	26.99 -1.13 -0.01	35.97 -1.08 0.00	44.64 -1.00 0.00	48.46 -0.59 0.00	41.84 -0.46 0.00	35.10 -0.46 0.00	30.52 -0.62 0.00
OSWEGO___5 23606	28.22 -0.60 -0.14	24.43 -0.49 -0.21	23.85 -0.51 -0.09	23.35 -0.50 -0.07	24.92 -0.58 -0.07	26.89 -0.63 -0.03	28.08 -0.66 0.00	26.57 -0.65 -0.04	24.23 -0.65 0.00	21.09 -0.63 0.00	19.60 -0.61 0.00	17.85 -0.53 -0.05	15.84 -0.45 -0.17	17.98 -0.58 -0.01	12.39 -0.31 -0.42	15.13 -0.38 -0.25	17.12 -0.43 -0.43	27.32 -0.82 -0.03	35.86 -1.19 0.00	44.28 -1.37 0.00	47.53 -1.52 0.00	40.99 -1.31 0.00	34.46 -1.10 0.00	30.24 -0.90 0.00
OSWEGO___6 23613	28.22 -0.60 -0.14	24.43 -0.49 -0.21	23.85 -0.51 -0.09	23.35 -0.50 -0.07	24.92 -0.58 -0.07	26.89 -0.63 -0.03	28.08 -0.66 0.00	26.57 -0.65 -0.04	24.23 -0.65 0.00	21.09 -0.63 0.00	19.60 -0.61 0.00	17.85 -0.53 -0.05	15.84 -0.45 -0.17	17.98 -0.58 -0.01	12.39 -0.31 -0.42	15.13 -0.38 -0.25	17.12 -0.43 -0.43	27.32 -0.82 -0.03	35.86 -1.19 0.00	44.28 -1.37 0.00	47.53 -1.52 0.00	40.99 -1.31 0.00	34.46 -1.10 0.00	30.24 -0.90 0.00

OUTOKUMPU-AB___DRP 24206	27.32 -1.72 -0.35	23.98 -1.26 -0.52	23.24 -1.26 -0.23	22.70 -1.26 -0.18	23.92 -1.68 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.81 -2.47 -0.10	22.72 -2.16 0.00	19.59 -2.13 0.00	18.10 -2.10 0.00	16.61 -1.85 -0.12	15.10 -1.45 -0.43	16.75 -1.82 -0.02	12.50 -0.85 -1.08	14.81 -1.10 -0.65	17.00 -1.22 -1.10	25.37 -2.81 -0.07	32.97 -4.07 0.00	40.95 -4.70 0.00	43.75 -5.30 0.00	37.99 -4.31 0.00	32.40 -3.16 0.00	28.87 -2.27 0.00
OXBOW___BTM 323836	27.17 -1.86 -0.35	23.85 -1.38 -0.52	23.11 -1.38 -0.23	22.58 -1.38 -0.18	23.79 -1.81 -0.17	25.37 -2.20 -0.07	26.47 -2.27 0.00	25.06 -2.23 -0.10	22.54 -2.34 0.00	19.48 -2.24 0.00	17.96 -2.24 0.00	16.52 -1.94 -0.12	15.01 -1.53 -0.42	16.49 -2.08 -0.02	12.44 -0.90 -1.07	14.73 -1.17 -0.64	16.89 -1.32 -1.09	25.20 -2.98 -0.07	32.71 -4.33 0.00	40.54 -5.11 0.00	43.31 -5.74 0.00	37.65 -4.65 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
OXBOW___ 24026	27.17 -1.86 -0.35	23.85 -1.38 -0.52	23.11 -1.38 -0.23	22.58 -1.38 -0.18	23.79 -1.81 -0.17	25.40 -2.17 -0.07	26.41 -2.33 0.00	24.65 -2.64 -0.10	22.54 -2.34 0.00	19.46 -2.26 0.00	17.96 -2.24 0.00	16.52 -1.94 -0.12	15.01 -1.53 -0.42	16.64 -1.93 -0.02	12.44 -0.90 -1.07	14.73 -1.17 -0.64	16.89 -1.32 -1.09	25.20 -2.98 -0.07	32.71 -4.33 0.00	40.53 -5.11 0.00	43.31 -5.74 0.00	37.65 -4.65 0.00	32.15 -3.41 0.00	28.65 -2.49 0.00
OXY_CHEM_DSASP 323612	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.18 -2.39 -0.07	26.15 -2.59 0.00	24.43 -2.85 -0.10	22.34 -2.54 0.00	19.29 -2.43 0.00	17.80 -2.40 0.00	16.39 -2.07 -0.12	14.91 -1.63 -0.42	16.49 -2.08 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.70 0.00	40.03 -5.61 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
OZONE_PARK_ESR 323760	33.32 2.41 -2.22	30.26 2.20 -3.34	27.85 2.11 -1.47	26.92 2.00 -1.15	28.56 2.06 -1.06	30.10 2.14 -0.46	30.98 2.24 0.00	30.06 2.23 -0.64	27.05 2.16 0.00	23.74 2.02 0.00	22.16 1.96 0.00	21.00 1.87 -0.79	20.58 1.74 -2.71	23.15 2.00 -2.60	24.03 1.39 -10.37	24.79 1.69 -7.83	25.99 1.87 -7.00	31.33 2.78 -0.44	40.38 3.33 0.00	49.53 3.88 0.00	52.77 3.73 0.00	45.26 2.96 0.00	37.94 2.38 0.00	33.26 2.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.18 -2.39 -0.07	26.15 -2.59 0.00	24.43 -2.85 -0.10	22.34 -2.54 0.00	19.29 -2.43 0.00	17.80 -2.40 0.00	16.39 -2.07 -0.12	14.91 -1.63 -0.42	16.49 -2.08 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.70 0.00	40.03 -5.61 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
PACKARD___115KV_DUPONT_184 80571	26.94 -2.09 -0.34	23.65 -1.58 -0.51	22.94 -1.55 -0.23	22.41 -1.55 -0.18	23.61 -1.98 -0.16	25.18 -2.39 -0.07	26.15 -2.59 0.00	24.43 -2.85 -0.10	22.34 -2.54 0.00	19.29 -2.43 0.00	17.80 -2.40 0.00	16.39 -2.07 -0.12	14.91 -1.63 -0.42	16.49 -2.08 -0.02	12.35 -0.98 -1.06	14.61 -1.28 -0.64	16.74 -1.46 -1.08	25.00 -3.18 -0.07	32.34 -4.70 0.00	40.03 -5.61 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.76 -3.80 0.00	28.37 -2.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.36 2.44 -2.23	30.24 2.17 -3.35	27.86 2.11 -1.48	26.93 2.00 -1.15	28.59 2.09 -1.07	29.88 1.92 -0.46	30.70 1.95 0.00	29.78 1.96 -0.64	26.80 1.92 0.00	23.52 1.80 0.00	21.98 1.78 0.00	20.84 1.71 -0.79	20.43 1.60 -2.71	20.61 1.82 -0.25	20.55 1.25 -7.03	21.09 1.54 -4.29	25.82 1.69 -7.00	31.05 2.50 -0.44	39.93 2.89 0.00	48.93 3.29 0.00	52.04 2.99 0.00	44.71 2.41 0.00	37.48 1.92 0.00	33.01 1.87 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.53 2.61 -2.23	30.41 2.35 -3.35	28.03 2.28 -1.48	27.10 2.16 -1.15	28.77 2.26 -1.07	30.07 2.12 -0.46	30.90 2.16 0.00	29.95 2.12 -0.64	26.95 2.07 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	20.69 1.89 -0.25	20.61 1.31 -7.03	21.17 1.62 -4.29	25.90 1.78 -7.00	31.19 2.64 -0.44	40.12 3.07 0.00	49.21 3.56 0.00	52.33 3.29 0.00	44.97 2.67 0.00	37.69 2.13 0.00	33.20 2.06 0.00
PATROON___115KV_TB1 80586	32.30 0.83 -2.78	29.61 0.72 -4.18	26.81 0.70 -1.84	25.92 0.71 -1.43	27.50 0.74 -1.33	28.86 0.80 -0.57	29.57 0.83 0.00	28.72 0.73 -0.80	25.55 0.67 0.00	22.26 0.54 0.00	20.73 0.53 0.00	19.79 0.46 -0.99	19.90 0.39 -3.39	19.19 0.45 -0.20	21.18 0.29 -8.61	20.83 0.40 -5.18	26.30 0.43 -8.75	29.50 0.84 -0.54	38.08 1.04 0.00	46.65 1.00 0.00	49.78 0.74 0.00	43.02 0.72 0.00	36.24 0.68 0.00	31.80 0.65 0.00
PATTRSNVILLE___SOLAR 323815	32.92 1.32 -2.91	30.23 1.14 -4.38	27.29 1.09 -1.93	26.37 1.09 -1.50	28.00 1.17 -1.39	29.36 1.27 -0.60	29.98 1.24 0.00	29.03 1.01 -0.84	25.68 0.80 0.00	22.28 0.56 0.00	20.71 0.51 0.00	19.84 0.46 -1.04	20.06 0.39 -3.55	19.16 0.41 -0.21	21.59 0.29 -9.02	21.07 0.38 -5.43	26.77 0.48 -9.17	29.69 1.01 -0.57	38.60 1.56 0.00	47.70 2.06 0.00	51.11 2.06 0.00	44.04 1.74 0.00	37.02 1.46 0.00	32.39 1.25 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.03 -2.04 -0.38	23.70 -1.58 -0.57	22.96 -1.55 -0.25	22.43 -1.55 -0.20	23.68 -1.93 -0.18	25.32 -2.25 -0.08	26.70 -2.04 0.00	24.60 -2.69 -0.11	22.87 -2.02 0.00	19.74 -1.98 0.00	18.24 -1.96 0.00	16.49 -1.98 -0.14	15.00 -1.58 -0.46	16.87 -1.71 -0.03	12.49 -0.96 -1.18	14.73 -1.24 -0.71	16.98 -1.34 -1.19	25.23 -2.95 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.37 -3.93 0.00	32.57 -2.99 0.00	28.87 -2.27 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.03 2.09 -2.25	29.97 1.88 -3.38	27.52 1.77 -1.49	26.65 1.71 -1.16	28.32 1.81 -1.08	29.86 1.90 -0.46	30.72 1.98 0.00	29.74 1.90 -0.65	26.67 1.79 0.00	23.31 1.59 0.00	21.76 1.56 0.00	20.55 1.41 -0.80	20.20 1.34 -2.74	20.23 1.52 -0.16	20.30 1.07 -6.96	20.74 1.30 -4.19	25.68 1.49 -7.07	30.88 2.33 -0.44	40.01 2.96 0.00	48.98 3.33 0.00	52.38 3.34 0.00	45.01 2.71 0.00	37.73 2.17 0.00	32.98 1.84 0.00
PEEKSKILL___ 23653	32.83 1.95 -2.19	29.80 1.78 -3.30	27.42 1.70 -1.45	26.53 1.62 -1.13	28.16 1.68 -1.05	29.73 1.79 -0.45	30.55 1.81 0.00	29.64 1.82 -0.63	26.62 1.74 0.00	23.31 1.58 0.00	21.78 1.58 0.00	20.59 1.47 -0.78	20.17 1.37 -2.68	20.31 1.54 -0.22	20.26 1.09 -6.90	20.78 1.33 -4.19	25.52 1.49 -6.91	30.79 2.25 -0.43	39.79 2.74 0.00	48.75 3.11 0.00	52.04 2.99 0.00	44.63 2.33 0.00	37.48 1.92 0.00	32.83 1.68 0.00
PGE MADISON___WINDPWR 24146	31.08 1.69 -0.70	27.30 1.53 -1.05	26.19 1.46 -0.46	25.56 1.43 -0.36	27.40 1.63 -0.33	29.51 1.87 -0.14	30.67 1.93 0.00	29.02 1.63 -0.20	25.95 1.07 0.00	22.26 0.54 0.00	20.52 0.32 0.00	18.84 0.26 -0.25	17.18 0.21 -0.85	18.67 0.07 -0.05	14.61 0.17 -2.17	16.88 0.32 -1.30	19.86 0.53 -2.20	29.29 1.04 -0.14	39.27 2.22 0.00	49.11 3.47 0.00	53.07 4.02 0.00	45.52 3.21 0.00	38.01 2.45 0.00	33.20 2.06 0.00

PIERCEFIELD___HYD 23852	27.37 -1.32 0.00	23.58 -1.14 0.00	23.22 -1.04 0.00	22.80 -0.97 0.00	24.37 -1.07 0.00	26.34 -1.15 0.00	27.59 -1.15 0.00	26.18 -1.01 0.00	23.89 -1.00 0.00	20.94 -0.78 0.00	19.39 -0.81 0.00	17.59 -0.75 0.00	15.43 -0.69 0.00	17.77 -0.78 0.00	11.64 -0.63 0.00	14.53 -0.73 0.00	16.32 -0.80 0.00	27.10 -1.01 0.00	36.01 -1.04 0.00	44.55 -1.10 0.00	48.46 -0.59 0.00	42.01 -0.30 0.00	35.28 -0.28 0.00	30.65 -0.50 0.00
PINELAWN_CC_1 323563	38.40 2.98 -6.73	30.76 2.67 -3.37	28.37 2.62 -1.48	27.43 2.50 -1.16	29.13 2.62 -1.07	30.74 2.78 -0.47	31.59 2.85 0.00	30.54 2.72 -0.64	27.37 2.49 0.00	24.10 2.37 -0.01	22.72 2.16 -0.35	21.10 1.96 -0.80	20.65 1.81 -2.72	20.92 2.04 -0.33	21.40 1.42 -7.71	23.73 1.72 -6.74	38.76 1.92 -19.72	47.70 2.81 -16.78	50.12 3.37 -9.71	53.43 3.88 -3.90	58.19 3.73 -5.42	47.99 3.05 -2.64	38.72 3.06 -0.10	33.86 2.71 -0.01
PJM_GEN_HTP_PROXY 323702	33.12 2.21 -2.22	30.06 2.00 -3.34	27.68 1.94 -1.47	26.78 1.86 -1.15	28.38 1.88 -1.06	29.96 2.01 -0.46	30.78 2.04 0.00	29.86 2.07 -0.61	26.90 1.99 -0.03	23.57 1.85 0.00	22.04 1.84 0.00	20.85 1.72 -0.79	20.45 1.61 -2.71	22.37 1.82 -2.00	23.07 1.28 -9.52	23.75 1.56 -6.93	25.83 1.71 -7.00	31.07 2.53 -0.44	40.08 3.04 0.00	49.11 3.47 0.00	52.33 3.29 0.00	44.88 2.58 0.00	37.69 2.13 0.00	33.05 1.90 0.00
PJM_GEN_KEystone 24065	30.23 0.17 -1.37	27.04 0.27 -2.05	25.44 0.27 -0.90	24.72 0.24 -0.70	26.19 0.10 -0.65	27.86 0.08 -0.28	28.77 0.03 0.00	27.61 0.05 -0.36	24.93 0.02 -0.03	21.72 0.00 0.00	20.18 -0.02 0.00	18.81 -0.02 -0.49	17.88 0.10 -1.67	18.80 -0.02 -0.27	16.94 0.20 -4.48	18.28 0.21 -2.80	21.66 0.24 -4.30	28.38 0.00 -0.27	36.86 -0.18 0.00	45.42 -0.23 0.00	48.46 -0.59 0.00	41.71 -0.59 0.00	35.17 -0.39 0.00	30.96 -0.19 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.03 2.49 -5.84	30.33 2.25 -3.37	27.98 2.23 -1.48	27.10 2.16 -1.16	28.75 2.24 -1.07	30.33 2.37 -0.46	31.21 2.47 0.00	30.16 2.36 -0.61	27.12 2.21 -0.03	23.88 2.15 -0.01	22.46 1.96 -0.30	20.94 1.80 -0.80	20.50 1.66 -2.72	20.67 1.85 -0.27	21.10 1.29 -7.54	23.08 1.53 -6.29	36.55 1.70 -17.73	44.56 2.44 -14.01	44.96 2.89 -5.03	48.94 3.29 0.00	52.14 3.09 0.00	46.67 2.45 -1.92	38.13 2.49 -0.08	33.37 2.21 -0.01
PJM_GEN_VFT_PROXY 323633	23.89 2.09 6.89	23.54 1.93 3.10	23.35 1.87 2.79	26.68 1.76 -1.15	28.28 1.78 -1.06	29.85 1.90 -0.46	30.67 1.93 0.00	29.78 1.98 -0.61	26.82 1.92 -0.03	23.52 1.80 0.00	22.00 1.80 0.00	20.84 1.71 -0.79	20.41 1.58 -2.71	22.91 1.80 -2.57	23.34 1.26 -9.81	23.60 1.56 -6.78	25.81 1.70 -6.99	28.72 2.53 1.92	38.89 2.93 1.08	48.97 3.33 0.01	52.09 3.04 0.00	44.28 2.41 0.43	37.55 1.99 0.00	32.92 1.77 0.00
PLATSBURG_115KV_PMLD1 355749	28.34 -0.34 0.00	24.49 -0.22 0.00	24.19 -0.07 0.00	23.75 -0.02 0.00	25.33 -0.10 0.00	27.42 -0.08 0.00	28.71 -0.03 0.00	27.27 0.08 0.00	24.93 0.05 0.00	21.87 0.15 0.00	20.26 0.06 0.00	18.36 0.02 0.00	16.14 0.02 0.00	18.58 0.04 0.00	12.21 -0.06 0.00	15.20 -0.06 0.00	17.05 -0.07 0.00	28.22 0.11 0.00	37.38 0.33 0.00	46.10 0.46 0.00	49.98 0.93 0.00	43.06 0.76 0.00	36.27 0.71 0.00	31.55 0.40 0.00
PLEASANTVLY___LBMP 24000	32.81 1.81 -2.32	29.83 1.63 -3.48	27.38 1.58 -1.53	26.49 1.52 -1.19	28.12 1.58 -1.11	29.62 1.65 -0.47	30.44 1.70 0.00	29.51 1.66 -0.67	26.50 1.62 0.00	23.18 1.46 0.00	21.64 1.43 0.00	20.50 1.34 -0.83	20.19 1.24 -2.83	20.12 1.41 -0.16	20.44 0.99 -7.18	20.78 1.21 -4.32	25.76 1.35 -7.29	30.61 2.05 -0.45	39.53 2.48 0.00	48.52 2.88 0.00	51.74 2.70 0.00	44.46 2.16 0.00	37.34 1.78 0.00	32.70 1.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.96 2.04 -2.24	29.94 1.85 -3.37	27.52 1.77 -1.48	26.62 1.69 -1.16	28.26 1.75 -1.07	29.77 1.81 -0.46	30.64 1.90 0.00	29.68 1.85 -0.64	26.70 1.82 0.00	23.37 1.65 0.00	21.82 1.62 0.00	20.66 1.52 -0.80	20.27 1.42 -2.73	20.19 1.61 -0.03	20.16 1.13 -6.76	20.61 1.37 -3.98	25.70 1.52 -7.05	30.85 2.30 -0.44	39.90 2.85 0.00	48.89 3.24 0.00	52.14 3.09 0.00	44.76 2.45 0.00	37.59 2.03 0.00	32.92 1.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.96 2.04 -2.24	29.94 1.85 -3.37	27.52 1.77 -1.48	26.62 1.69 -1.16	28.26 1.75 -1.07	29.77 1.81 -0.46	30.64 1.90 0.00	29.68 1.85 -0.64	26.70 1.82 0.00	23.37 1.65 0.00	21.82 1.62 0.00	20.66 1.52 -0.80	20.27 1.42 -2.73	20.19 1.61 -0.03	20.16 1.13 -6.76	20.61 1.37 -3.98	25.70 1.52 -7.05	30.85 2.30 -0.44	39.90 2.85 0.00	48.89 3.24 0.00	52.14 3.09 0.00	44.76 2.45 0.00	37.59 2.03 0.00	32.92 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.87 1.92 -2.26	29.84 1.73 -3.40	27.41 1.65 -1.49	26.54 1.59 -1.16	28.17 1.65 -1.08	29.72 1.76 -0.46	30.55 1.81 0.00	29.58 1.74 -0.65	26.52 1.64 0.00	23.18 1.46 0.00	21.58 1.37 0.00	20.43 1.28 -0.81	20.09 1.21 -2.76	20.06 1.35 -0.16	20.23 0.96 -7.00	20.64 1.17 -4.21	25.57 1.34 -7.11	30.66 2.11 -0.44	39.71 2.67 0.00	48.75 3.10 0.00	51.99 2.94 0.00	44.71 2.41 0.00	37.52 1.96 0.00	32.86 1.71 0.00
POLETTI____ 23519	33.09 2.18 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.90 2.02 0.00	23.59 1.87 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.02 1.87 -2.60	23.94 1.30 -10.37	24.68 1.59 -7.83	25.85 1.73 -7.00	31.07 2.53 -0.44	39.99 2.96 0.02	49.05 3.42 0.02	52.22 3.19 0.02	44.84 2.54 0.00	37.62 2.06 0.00	33.01 1.87 0.00
POMONA___ESR 323819	32.76 1.92 -2.15	29.71 1.75 -3.24	27.39 1.70 -1.43	26.51 1.62 -1.11	28.12 1.65 -1.03	29.70 1.76 -0.44	30.52 1.78 0.00	29.57 1.77 -0.62	26.60 1.72 0.00	23.29 1.56 0.00	21.74 1.53 0.00	20.54 1.43 -0.77	20.09 1.34 -2.63	20.20 1.50 -0.15	20.01 1.06 -6.68	20.57 1.30 -4.02	25.36 1.45 -6.79	30.72 2.19 -0.42	39.75 2.70 0.00	48.75 3.11 0.00	51.99 2.94 0.00	44.63 2.33 0.00	37.44 1.88 0.00	32.80 1.65 0.00
PORT_JEFF_3 23555	38.42 3.35 -6.38	31.08 2.99 -3.38	28.66 2.91 -1.48	27.71 2.78 -1.16	29.41 2.90 -1.07	31.10 3.13 -0.47	31.90 3.16 0.00	30.82 2.99 -0.64	27.62 2.74 0.00	24.29 2.56 -0.01	22.85 2.32 -0.32	21.27 2.13 -0.80	20.79 1.95 -2.72	21.07 2.22 -0.30	21.43 1.55 -7.61	23.64 1.91 -6.48	37.82 2.16 -18.54	49.24 3.15 -17.99	91.30 3.67 -50.59	107.13 4.25 -57.24	137.95 4.12 -84.79	53.73 3.34 -8.09	39.20 3.49 -0.15	34.24 3.08 -0.01
PORT_JEFF_4 23616	38.42 3.35 -6.38	31.08 2.99 -3.38	28.66 2.91 -1.48	27.71 2.78 -1.16	29.41 2.90 -1.07	31.10 3.13 -0.47	31.90 3.16 0.00	30.82 2.99 -0.64	27.62 2.74 0.00	24.29 2.56 -0.01	22.85 2.32 -0.32	21.27 2.13 -0.80	20.79 1.95 -2.72	21.07 2.22 -0.30	21.43 1.55 -7.61	23.64 1.91 -6.48	37.82 2.16 -18.54	49.24 3.15 -17.99	91.30 3.67 -50.59	107.13 4.25 -57.24	137.95 4.12 -84.79	53.73 3.34 -8.09	39.20 3.49 -0.15	34.24 3.08 -0.01

PORT_JEFF_IC 23713	38.50 3.41 -6.40	31.14 3.04 -3.38	28.69 2.94 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.10 3.13 -0.47	31.93 3.19 0.00	30.79 2.96 -0.64	27.64 2.76 0.00	24.31 2.58 0.00	22.87 2.34 -0.32	21.29 2.15 -0.80	20.81 1.97 -2.72	21.11 2.26 -0.30	21.45 1.57 -7.61	23.68 1.94 -6.48	37.89 2.19 -18.58	49.74 3.20 -18.42	97.33 3.67 -56.62	114.76 4.25 -64.87	149.25 4.12 -96.08	54.58 3.38 -8.89	39.28 3.56 -0.16	34.27 3.11 -0.01
PPL PILGRIM_ST_GT1 24216	38.30 3.18 -6.43	30.93 2.84 -3.37	28.49 2.74 -1.48	27.57 2.64 -1.16	29.26 2.75 -1.07	30.91 2.94 -0.47	31.73 2.99 0.00	30.65 2.83 -0.64	27.47 2.59 0.00	24.18 2.45 -0.01	22.77 2.24 -0.33	21.18 2.04 -0.80	20.71 1.87 -2.72	20.96 2.11 -0.30	21.38 1.48 -7.63	23.59 1.82 -6.52	37.89 2.04 -18.73	46.94 2.92 -15.91	55.68 3.41 -15.23	61.20 3.93 -11.63	69.81 3.83 -16.93	48.72 3.13 -3.29	38.93 3.27 -0.10	34.05 2.90 -0.01
PPL PILGRIM_ST_GT2 24217	38.30 3.18 -6.43	30.93 2.84 -3.37	28.49 2.74 -1.48	27.57 2.64 -1.16	29.26 2.75 -1.07	30.91 2.94 -0.47	31.73 2.99 0.00	30.65 2.83 -0.64	27.47 2.59 0.00	24.18 2.45 -0.01	22.77 2.24 -0.33	21.18 2.04 -0.80	20.71 1.87 -2.72	20.96 2.11 -0.30	21.38 1.48 -7.63	23.59 1.82 -6.52	37.89 2.04 -18.73	46.94 2.92 -15.91	55.68 3.41 -15.23	61.20 3.93 -11.63	69.81 3.83 -16.93	48.72 3.13 -3.29	38.93 3.27 -0.10	34.05 2.90 -0.01
PPL_SHRM_GT3 24213	38.66 3.59 -6.39	31.29 3.19 -3.38	28.83 3.08 -1.48	27.88 2.95 -1.16	29.58 3.08 -1.07	31.32 3.35 -0.47	32.10 3.36 0.00	31.01 3.18 -0.64	27.77 2.88 0.00	24.40 2.67 -0.01	22.95 2.42 -0.32	21.34 2.20 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.74 2.00 -6.48	37.95 2.28 -18.55	49.46 3.37 -17.98	91.44 4.07 -50.32	107.28 4.75 -56.89	137.97 4.66 -84.26	54.16 3.81 -8.05	39.48 3.77 -0.15	34.49 3.33 -0.01
PPL_SHRM_GT4 24214	38.66 3.59 -6.39	31.29 3.19 -3.38	28.83 3.08 -1.48	27.88 2.95 -1.16	29.58 3.08 -1.07	31.32 3.35 -0.47	32.10 3.36 0.00	31.01 3.18 -0.64	27.77 2.88 0.00	24.40 2.67 -0.01	22.95 2.42 -0.32	21.34 2.20 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.74 2.00 -6.48	37.95 2.28 -18.55	49.46 3.37 -17.98	91.44 4.07 -50.32	107.28 4.75 -56.89	137.97 4.66 -84.26	54.16 3.81 -8.05	39.48 3.77 -0.15	34.49 3.33 -0.01
PROJECT___ORANGE 1 24174	28.66 -0.23 -0.20	24.87 -0.15 -0.30	24.21 -0.19 -0.13	23.69 -0.19 -0.10	25.28 -0.25 -0.10	27.26 -0.27 -0.04	28.45 -0.29 0.00	26.89 -0.35 -0.06	24.53 -0.35 0.00	21.31 -0.41 0.00	19.82 -0.38 0.00	18.06 -0.35 -0.07	16.09 -0.27 -0.25	18.21 -0.35 -0.01	12.74 -0.16 -0.63	15.44 -0.20 -0.38	17.54 -0.22 -0.64	27.67 -0.48 -0.04	36.34 -0.70 0.00	44.92 -0.73 0.00	48.16 -0.88 0.00	41.54 -0.76 0.00	34.88 -0.68 0.00	30.62 -0.53 0.00
PROJECT___ORANGE 2 24166	28.66 -0.23 -0.20	24.87 -0.15 -0.30	24.21 -0.19 -0.13	23.69 -0.19 -0.10	25.28 -0.25 -0.10	27.26 -0.27 -0.04	28.45 -0.29 0.00	26.89 -0.35 -0.06	24.53 -0.35 0.00	21.31 -0.41 0.00	19.82 -0.38 0.00	18.06 -0.35 -0.07	16.09 -0.27 -0.25	18.21 -0.35 -0.01	12.74 -0.16 -0.63	15.44 -0.20 -0.38	17.54 -0.22 -0.64	27.67 -0.48 -0.04	36.34 -0.70 0.00	44.92 -0.73 0.00	48.16 -0.88 0.00	41.54 -0.76 0.00	34.88 -0.68 0.00	30.62 -0.53 0.00
PUCKETT___SOLAR 323809	29.93 0.49 -0.75	26.32 0.47 -1.13	25.20 0.44 -0.50	24.59 0.43 -0.39	26.23 0.43 -0.36	28.15 0.50 -0.15	29.26 0.52 0.00	27.78 0.38 -0.22	25.03 0.15 0.00	21.66 -0.06 0.00	20.04 -0.16 0.00	18.42 -0.18 -0.27	16.91 -0.13 -0.92	18.36 -0.24 -0.05	14.58 -0.02 -2.33	16.63 -0.03 -1.40	19.52 0.03 -2.37	28.28 0.03 -0.15	37.38 0.33 0.00	46.38 0.73 0.00	49.78 0.74 0.00	42.85 0.55 0.00	35.95 0.39 0.00	31.52 0.38 0.00
PYRITES___HYD 24023	27.97 -0.72 0.00	24.10 -0.62 0.00	23.73 -0.53 0.00	23.30 -0.48 0.00	24.93 -0.51 0.00	26.95 -0.55 0.00	28.17 -0.57 0.00	26.70 -0.49 0.00	24.28 -0.60 0.00	21.24 -0.48 0.00	19.68 -0.53 0.00	17.81 -0.53 0.00	15.62 -0.50 0.00	17.97 -0.57 0.00	11.78 -0.49 0.00	14.69 -0.56 0.00	16.54 -0.58 0.00	27.52 -0.59 0.00	36.75 -0.30 0.00	45.60 -0.05 0.00	49.68 0.64 0.00	43.02 0.72 0.00	36.13 0.57 0.00	31.36 0.22 0.00
QUAKERRD_115KV_BK1 80622	27.72 -1.23 -0.26	24.12 -0.99 -0.40	23.42 -1.02 -0.17	22.91 -1.00 -0.14	24.34 -1.22 -0.13	26.18 -1.37 -0.05	27.19 -1.55 0.00	25.66 -1.60 -0.08	23.34 -1.54 0.00	20.16 -1.56 0.00	18.73 -1.47 0.00	17.18 -1.25 -0.09	15.44 -1.00 -0.32	17.27 -1.30 -0.02	12.46 -0.63 -0.81	14.94 -0.81 -0.49	17.04 -0.91 -0.83	26.25 -1.91 -0.05	34.34 -2.70 0.00	42.54 -3.10 0.00	45.66 -3.38 0.00	39.43 -2.88 0.00	33.32 -2.24 0.00	29.34 -1.81 0.00
QUENSBRY_115KV_TB8 356137	32.87 1.35 -2.84	30.14 1.16 -4.26	27.26 1.12 -1.88	26.36 1.12 -1.46	28.01 1.22 -1.36	29.43 1.35 -0.58	30.06 1.32 0.00	29.14 1.14 -0.82	25.80 0.92 0.00	22.33 0.61 0.00	20.73 0.53 0.00	19.83 0.48 -1.01	19.92 0.34 -3.46	19.12 0.37 -0.20	21.29 0.23 -8.79	20.90 0.35 -5.29	26.53 0.48 -8.93	29.87 1.21 -0.56	38.82 1.78 0.00	47.93 2.28 0.00	51.40 2.35 0.00	44.25 1.95 0.00	37.20 1.64 0.00	32.49 1.34 0.00
RAMAPO___LBMP 323565	32.66 1.84 -2.14	29.61 1.68 -3.22	27.28 1.60 -1.42	26.43 1.55 -1.10	28.04 1.58 -1.02	29.59 1.65 -0.44	30.41 1.67 0.00	29.46 1.66 -0.61	26.52 1.64 0.00	23.22 1.50 0.00	21.66 1.45 0.00	20.48 1.38 -0.76	20.02 1.29 -2.61	20.16 1.47 -0.15	19.93 1.03 -6.63	20.50 1.25 -3.99	25.26 1.40 -6.74	30.64 2.11 -0.42	39.60 2.56 0.00	48.57 2.92 0.00	51.79 2.75 0.00	44.46 2.16 0.00	37.34 1.78 0.00	32.70 1.56 0.00
RANKINE____ 23646	27.40 -1.66 -0.37	24.01 -1.26 -0.56	23.27 -1.24 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.65 -1.92 -0.08	26.82 -1.93 0.00	24.90 -2.39 -0.11	22.92 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.90 -1.67 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.13 -1.16 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
RAVENSWOOD_GT2_1 24244	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT2_2 24245	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00

RAVENSWOOD_GT2_3 24246	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.97 -1.47	26.80 1.88 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.90 2.02 0.00	23.59 1.87 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.47 1.57 -8.64	25.85 1.73 -7.00	31.10 2.56 -0.44	40.12 3.07 0.00	49.16 3.51 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.08 1.93 0.00
RAVENSWOOD_GT2_4 24247	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.97 -1.47	26.80 1.88 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.90 2.02 0.00	23.59 1.87 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.47 1.57 -8.64	25.85 1.73 -7.00	31.10 2.56 -0.44	40.12 3.07 0.00	49.16 3.51 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.08 1.93 0.00
RAVENSWOOD_GT3_1 24248	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT3_2 24249	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT3_3 24250	33.15 2.24 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.54 1.85 -3.14	24.70 1.29 -11.14	25.49 1.59 -8.64	25.87 1.75 -7.00	31.13 2.59 -0.44	40.12 3.07 0.00	49.21 3.56 0.00	52.38 3.34 0.00	44.97 2.67 0.00	37.73 2.17 0.00	33.08 1.93 0.00
RAVENSWOOD_GT3_4 24251	33.15 2.24 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.80 1.88 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.81 2.07 0.00	29.89 2.07 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.04 1.84 0.00	20.87 1.74 -0.79	20.46 1.63 -2.71	23.54 1.85 -3.14	24.70 1.29 -11.14	25.49 1.59 -8.64	25.87 1.75 -7.00	31.13 2.59 -0.44	40.12 3.07 0.00	49.21 3.56 0.00	52.38 3.34 0.00	44.97 2.67 0.00	37.73 2.17 0.00	33.08 1.93 0.00
RAVENSWOOD_GT_1 23729	33.27 2.35 -2.23	30.22 2.15 -3.35	27.83 2.09 -1.48	26.91 1.97 -1.16	28.54 2.03 -1.07	29.99 2.03 -0.46	30.84 2.10 0.00	29.89 2.07 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.50 1.66 -2.72	23.58 1.89 -3.14	25.48 1.31 -11.90	26.97 1.60 -10.10	25.91 1.78 -7.01	34.62 2.64 -3.87	41.69 3.07 -1.57	49.17 3.51 -0.01	52.28 3.24 0.00	45.55 2.62 -0.62	37.66 2.10 0.00	33.11 1.96 0.00
RAVENSWOOD_GT_10 24258	33.12 2.21 -2.22	30.08 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_11 24259	33.12 2.21 -2.22	30.08 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_4 24252	33.09 2.18 -2.22	30.06 2.00 -3.34	27.67 1.94 -1.47	26.75 1.83 -1.14	28.38 1.88 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.43 1.60 -2.72	23.52 1.84 -3.14	25.26 1.28 -11.72	26.57 1.56 -9.76	25.84 1.71 -7.01	33.72 2.56 -3.05	41.28 3.04 -1.20	49.12 3.47 -0.01	52.33 3.29 0.00	45.40 2.62 -0.48	37.70 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_5 24254	33.09 2.18 -2.22	30.06 2.00 -3.34	27.67 1.94 -1.47	26.75 1.83 -1.14	28.38 1.88 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.43 1.60 -2.72	23.52 1.84 -3.14	25.26 1.28 -11.72	26.57 1.56 -9.76	25.84 1.71 -7.01	33.72 2.56 -3.05	41.28 3.04 -1.20	49.12 3.47 -0.01	52.33 3.29 0.00	45.40 2.62 -0.48	37.70 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_6 24253	33.09 2.18 -2.22	30.06 2.00 -3.34	27.67 1.94 -1.47	26.75 1.83 -1.14	28.38 1.88 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.43 1.60 -2.72	23.52 1.84 -3.14	25.26 1.28 -11.72	26.57 1.56 -9.76	25.84 1.71 -7.01	33.72 2.56 -3.05	41.28 3.04 -1.20	49.12 3.47 -0.01	52.33 3.29 0.00	45.40 2.62 -0.48	37.70 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_7 24255	33.09 2.18 -2.22	30.06 2.00 -3.34	27.67 1.94 -1.47	26.75 1.83 -1.14	28.38 1.88 -1.06	29.91 1.95 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.43 1.60 -2.72	23.52 1.84 -3.14	25.26 1.28 -11.72	26.57 1.56 -9.76	25.84 1.71 -7.01	33.72 2.56 -3.05	41.28 3.04 -1.20	49.12 3.47 -0.01	52.33 3.29 0.00	45.40 2.62 -0.48	37.70 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.12 2.21 -2.22	30.08 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD_GT_9 24257	33.12 2.21 -2.22	30.08 2.03 -3.34	27.70 1.97 -1.47	26.78 1.85 -1.15	28.41 1.91 -1.06	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.02 1.82 0.00	20.86 1.72 -0.79	20.45 1.61 -2.71	23.52 1.84 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00

RAVENSWOOD___1 23533	33.24 2.32 -2.23	30.19 2.13 -3.35	27.81 2.06 -1.48	26.88 1.95 -1.15	28.52 2.01 -1.07	30.04 2.09 -0.46	30.84 2.10 0.00	29.95 2.12 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.50 1.66 -2.71	23.54 1.85 -3.14	24.71 1.30 -11.14	25.50 1.60 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.12 3.07 0.00	49.16 3.52 0.00	52.28 3.24 0.00	44.93 2.62 0.00	37.62 2.06 0.00	33.08 1.93 0.00
RAVENSWOOD___2 23534	33.24 2.32 -2.23	30.19 2.13 -3.35	27.79 2.04 -1.48	26.88 1.95 -1.15	28.52 2.01 -1.07	30.02 2.06 -0.46	30.81 2.07 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.50 1.66 -2.71	23.54 1.85 -3.14	24.71 1.30 -11.14	25.49 1.59 -8.64	25.89 1.76 -7.00	31.16 2.61 -0.44	40.08 3.04 0.00	49.16 3.52 0.00	52.23 3.19 0.00	44.88 2.58 0.00	37.62 2.06 0.00	33.08 1.93 0.00
RAVENSWOOD___3 23535	33.12 2.21 -2.22	30.09 2.03 -3.34	27.70 1.96 -1.47	26.78 1.86 -1.15	28.41 1.91 -1.06	29.99 2.03 -0.46	30.78 2.04 0.00	29.92 2.09 -0.64	26.87 1.99 0.00	23.57 1.85 0.00	22.04 1.84 0.00	20.85 1.72 -0.79	20.45 1.61 -2.71	23.50 1.82 -3.14	24.68 1.28 -11.14	25.46 1.56 -8.64	25.83 1.71 -7.00	31.10 2.56 -0.44	40.08 3.04 0.00	49.11 3.47 0.00	52.33 3.29 0.00	44.93 2.62 0.00	37.69 2.13 0.00	33.05 1.90 0.00
RAVENSWOOD___4 23820	33.24 2.32 -2.23	30.16 2.10 -3.35	27.78 2.04 -1.48	26.88 1.95 -1.15	28.49 1.99 -1.07	30.02 2.06 -0.46	30.81 2.07 0.00	29.92 2.09 -0.64	26.90 2.01 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.89 1.76 -0.79	20.48 1.65 -2.71	23.54 1.85 -3.14	23.96 1.30 -10.39	24.05 1.59 -7.20	25.88 1.76 -6.99	27.78 2.61 2.95	38.54 3.04 1.55	49.15 3.52 0.01	52.23 3.19 0.00	44.27 2.58 0.61	37.62 2.06 0.00	33.04 1.90 0.00
RCPL_TRUST___DRP 24196	33.29 2.38 -2.22	30.23 2.17 -3.34	27.85 2.11 -1.47	26.92 2.00 -1.15	28.56 2.06 -1.06	30.10 2.14 -0.46	30.98 2.24 0.00	30.06 2.23 -0.64	27.07 2.19 0.00	23.74 2.02 0.00	22.18 1.98 0.00	21.00 1.87 -0.79	20.58 1.74 -2.71	22.54 1.98 -2.00	23.18 1.39 -9.52	23.89 1.69 -6.93	25.95 1.83 -7.00	31.24 2.70 -0.44	40.27 3.22 0.00	49.39 3.74 0.00	52.72 3.68 0.00	45.09 2.79 0.00	37.94 2.38 0.00	33.26 2.12 0.00
RED___ROCHESTER 323720	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.39 -0.52 -0.14	24.80 -0.76 -0.13	26.56 -0.99 -0.06	27.71 -1.03 0.00	26.23 -1.03 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.51 -1.06 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.22 0.00
REGAN___SOLAR 323812	33.86 2.12 -3.05	31.13 1.83 -4.58	28.05 1.77 -2.02	27.08 1.73 -1.57	28.80 1.91 -1.46	30.21 2.09 -0.62	30.75 2.01 0.00	29.69 1.63 -0.88	26.08 1.19 0.00	22.53 0.80 0.00	20.91 0.71 0.00	20.07 0.64 -1.09	20.36 0.52 -3.72	19.30 0.54 -0.21	22.10 0.38 -9.45	21.46 0.52 -5.68	27.38 0.67 -9.60	30.25 1.54 -0.60	39.56 2.52 0.00	49.16 3.52 0.00	52.87 3.83 0.00	45.43 3.13 0.00	38.15 2.59 0.00	33.29 2.15 0.00
RENSSELAER___COGEN 23796	32.19 0.74 -2.75	29.50 0.64 -4.14	26.72 0.63 -1.82	25.82 0.62 -1.42	27.39 0.64 -1.32	28.78 0.71 -0.56	29.46 0.72 0.00	28.63 0.65 -0.79	25.50 0.62 0.00	22.22 0.50 0.00	20.67 0.47 0.00	19.74 0.42 -0.98	19.84 0.35 -3.36	19.13 0.39 -0.19	21.08 0.27 -8.54	20.76 0.37 -5.13	26.19 0.39 -8.67	29.38 0.73 -0.54	37.93 0.89 0.00	46.47 0.82 0.00	49.59 0.54 0.00	42.85 0.55 0.00	36.06 0.50 0.00	31.71 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.36 1.84 -2.83	30.53 1.56 -4.26	27.67 1.53 -1.88	26.74 1.50 -1.46	28.47 1.68 -1.36	29.95 1.87 -0.58	30.55 1.81 0.00	29.52 1.52 -0.81	26.00 1.12 0.00	22.42 0.70 0.00	20.81 0.61 0.00	19.86 0.51 -1.01	19.90 0.32 -3.46	19.08 0.33 -0.20	21.27 0.21 -8.79	20.91 0.37 -5.28	26.56 0.51 -8.93	30.18 1.52 -0.56	39.49 2.44 0.00	48.93 3.29 0.00	52.63 3.58 0.00	45.18 2.88 0.00	37.98 2.42 0.00	33.05 1.90 0.00
REVERE_CPPR_DRP 24186	29.31 0.52 -0.11	25.35 0.47 -0.17	24.75 0.41 -0.07	24.26 0.43 -0.06	26.00 0.51 -0.05	28.10 0.58 -0.02	29.29 0.55 0.00	27.65 0.43 -0.03	25.18 0.30 0.00	21.83 0.11 0.00	20.24 0.04 0.00	18.41 0.04 -0.04	16.27 0.02 -0.14	18.52 -0.04 -0.01	12.63 0.01 -0.34	15.51 0.05 -0.21	17.59 0.12 -0.35	28.41 0.28 -0.02	37.75 0.70 0.00	46.83 1.19 0.00	50.47 1.42 0.00	43.44 1.14 0.00	36.38 0.82 0.00	31.80 0.65 0.00
REYNLDPA_13_KV_LD 356490	28.31 -0.37 0.00	24.39 -0.32 0.00	24.02 -0.24 0.00	23.56 -0.21 0.00	25.15 -0.28 0.00	27.20 -0.30 0.00	28.45 -0.29 0.00	27.00 -0.19 0.00	24.68 -0.20 0.00	21.66 -0.07 0.00	20.10 -0.10 0.00	18.23 -0.11 0.00	16.01 -0.11 0.00	18.45 -0.09 0.00	12.12 -0.15 0.00	15.09 -0.17 0.00	16.93 -0.19 0.00	27.97 -0.14 0.00	37.01 -0.04 0.00	45.60 -0.05 0.00	49.44 0.39 0.00	42.68 0.38 0.00	35.92 0.36 0.00	31.30 0.16 0.00
REYNOLDS_115KV_TB3 80639	32.42 0.98 -2.76	29.68 0.82 -4.15	26.90 0.80 -1.83	26.01 0.81 -1.42	27.57 0.81 -1.32	28.97 0.91 -0.57	29.69 0.95 0.00	28.85 0.87 -0.79	25.70 0.82 0.00	22.37 0.65 0.00	20.81 0.61 0.00	19.86 0.53 -0.99	19.94 0.45 -3.37	19.26 0.52 -0.19	21.19 0.36 -8.56	20.88 0.47 -5.15	26.33 0.51 -8.70	29.60 0.96 -0.54	38.16 1.11 0.00	46.79 1.14 0.00	49.88 0.83 0.00	43.19 0.89 0.00	36.31 0.75 0.00	31.92 0.78 0.00
RIVERBAY____ 323610	33.53 2.61 -2.23	30.41 2.35 -3.35	28.03 2.28 -1.48	27.10 2.16 -1.15	28.77 2.26 -1.07	30.07 2.12 -0.46	30.90 2.16 0.00	29.95 2.12 -0.64	26.95 2.07 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.91 1.78 -0.79	20.49 1.66 -2.71	20.69 1.89 -0.25	20.61 1.31 -7.03	21.17 1.62 -4.29	25.90 1.78 -7.00	31.19 2.64 -0.44	40.12 3.07 0.00	49.21 3.56 0.00	52.33 3.29 0.00	44.97 2.67 0.00	37.69 2.13 0.00	33.20 2.06 0.00
RIVERSDE_115KV_TB3 55908	32.31 0.86 -2.77	29.62 0.74 -4.16	26.83 0.73 -1.83	25.94 0.74 -1.43	27.50 0.74 -1.32	28.86 0.80 -0.57	29.60 0.86 0.00	28.74 0.76 -0.79	25.60 0.72 0.00	22.29 0.56 0.00	20.75 0.55 0.00	19.80 0.48 -0.99	19.90 0.40 -3.37	19.21 0.46 -0.19	21.16 0.32 -8.57	20.83 0.41 -5.15	26.29 0.46 -8.71	29.52 0.87 -0.54	38.08 1.04 0.00	46.65 1.00 0.00	49.78 0.74 0.00	43.02 0.72 0.00	36.20 0.64 0.00	31.80 0.65 0.00
ROARING___BROOK_WT_PWR 323790	28.17 -0.52 0.00	24.24 -0.47 0.00	23.80 -0.46 0.00	23.35 -0.43 0.00	25.00 -0.43 0.00	27.06 -0.44 0.00	28.31 -0.43 0.00	26.83 -0.35 0.00	24.63 -0.25 0.00	21.57 -0.15 0.00	20.08 -0.12 0.00	18.23 -0.11 0.00	16.01 -0.11 0.00	18.44 -0.11 0.00	12.16 -0.11 0.00	15.14 -0.12 0.00	16.98 -0.14 0.00	27.94 -0.17 0.00	36.90 -0.15 0.00	45.47 -0.18 0.00	49.00 -0.05 0.00	42.26 -0.04 0.00	35.52 -0.04 0.00	31.05 -0.09 0.00

ROCHESRG_115KV_T4 355643	28.07 -0.89 -0.27	24.46 -0.67 -0.41	23.74 -0.70 -0.18	23.23 -0.69 -0.14	24.62 -0.94 -0.13	26.45 -1.10 -0.06	27.45 -1.29 0.00	25.88 -1.39 -0.08	23.54 -1.34 0.00	20.35 -1.37 0.00	18.87 -1.33 0.00	17.33 -1.10 -0.10	15.60 -0.85 -0.33	17.42 -1.15 -0.02	12.62 -0.49 -0.84	15.12 -0.64 -0.51	17.26 -0.72 -0.85	26.47 -1.69 -0.05	34.56 -2.48 0.00	42.82 -2.83 0.00	45.96 -3.09 0.00	39.68 -2.62 0.00	33.60 -1.96 0.00	29.68 -1.46 0.00
ROCHESTER_9_IC 23652	28.19 -0.77 -0.27	24.56 -0.57 -0.41	23.84 -0.61 -0.18	23.32 -0.59 -0.14	24.73 -0.84 -0.13	26.56 -0.99 -0.06	27.56 -1.18 0.00	25.99 -1.28 -0.08	23.64 -1.24 0.00	20.40 -1.32 0.00	18.93 -1.27 0.00	17.41 -1.03 -0.10	15.65 -0.81 -0.33	17.47 -1.09 -0.02	12.67 -0.44 -0.85	15.19 -0.58 -0.51	17.33 -0.65 -0.86	26.59 -1.57 -0.05	34.71 -2.33 0.00	43.05 -2.60 0.00	46.20 -2.84 0.00	39.89 -2.41 0.00	33.78 -1.78 0.00	29.81 -1.34 0.00
ROCKVIEW_13_KV_LD 356306	33.06 2.15 -2.22	30.01 1.95 -3.34	27.61 1.87 -1.47	26.71 1.78 -1.15	28.33 1.83 -1.06	29.88 1.92 -0.46	30.72 1.98 0.00	29.81 1.98 -0.64	26.82 1.94 0.00	23.50 1.78 0.00	21.94 1.74 0.00	20.76 1.63 -0.79	20.35 1.52 -2.71	20.40 1.76 -0.09	20.29 1.21 -6.80	20.80 1.50 -4.05	25.76 1.64 -7.00	31.02 2.47 -0.44	40.08 3.04 0.00	49.12 3.47 0.00	52.38 3.34 0.00	44.97 2.67 0.00	37.73 2.17 0.00	33.05 1.90 0.00
ROME____115KV_TB2 80656	29.31 0.52 -0.11	25.35 0.47 -0.17	24.75 0.41 -0.07	24.26 0.43 -0.06	26.00 0.51 -0.05	28.10 0.58 -0.02	29.29 0.55 0.00	27.65 0.43 -0.03	25.18 0.30 0.00	21.83 0.11 0.00	20.24 0.04 0.00	18.41 0.04 -0.04	16.27 0.02 -0.14	18.52 -0.04 -0.01	12.63 0.01 -0.34	15.51 0.05 -0.21	17.59 0.12 -0.35	28.41 0.28 -0.02	37.75 0.70 0.00	46.83 1.19 0.00	50.47 1.42 0.00	43.44 1.14 0.00	36.38 0.82 0.00	31.80 0.65 0.00
ROSETON___1 23587	32.66 1.75 -2.22	29.67 1.61 -3.35	27.27 1.53 -1.47	26.40 1.47 -1.15	28.03 1.53 -1.06	29.58 1.62 -0.46	30.38 1.64 0.00	29.46 1.63 -0.64	26.45 1.57 0.00	23.13 1.41 0.00	21.59 1.39 0.00	20.42 1.28 -0.80	20.05 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.90	20.58 1.18 -4.15	25.43 1.30 -7.00	30.54 2.00 -0.44	39.45 2.41 0.00	48.43 2.78 0.00	51.64 2.60 0.00	44.37 2.07 0.00	37.27 1.71 0.00	32.64 1.49 0.00
ROSETON___2 23588	32.66 1.75 -2.22	29.67 1.61 -3.35	27.27 1.53 -1.47	26.40 1.47 -1.15	28.03 1.53 -1.06	29.58 1.62 -0.46	30.38 1.64 0.00	29.46 1.63 -0.64	26.45 1.57 0.00	23.13 1.41 0.00	21.59 1.39 0.00	20.42 1.28 -0.80	20.05 1.21 -2.71	20.06 1.35 -0.16	20.12 0.96 -6.90	20.58 1.18 -4.15	25.43 1.30 -7.00	30.54 2.00 -0.44	39.45 2.41 0.00	48.43 2.78 0.00	51.64 2.60 0.00	44.37 2.07 0.00	37.27 1.71 0.00	32.64 1.49 0.00
ROTRDAM_115KV_TB3 80664	32.61 1.06 -2.86	29.93 0.91 -4.30	27.06 0.90 -1.89	26.13 0.88 -1.47	27.74 0.94 -1.37	29.10 1.02 -0.59	29.78 1.03 0.00	28.91 0.90 -0.82	25.68 0.80 0.00	22.35 0.63 0.00	20.77 0.57 0.00	19.87 0.51 -1.02	20.06 0.45 -3.49	19.25 0.50 -0.20	21.49 0.36 -8.86	21.03 0.44 -5.33	26.65 0.53 -9.00	29.65 0.98 -0.56	38.34 1.30 0.00	47.24 1.60 0.00	50.52 1.47 0.00	43.57 1.27 0.00	36.63 1.07 0.00	32.08 0.93 0.00
RUSSELL___1 23602	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.40 -0.52 -0.14	24.80 -0.76 -0.13	26.67 -0.88 -0.06	27.65 -1.09 0.00	26.10 -1.17 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.55 -1.02 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.21 0.00
RUSSELL___2 23532	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.40 -0.52 -0.14	24.80 -0.76 -0.13	26.67 -0.88 -0.06	27.65 -1.09 0.00	26.10 -1.17 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.55 -1.02 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.21 0.00
RUSSELL___3 23549	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.40 -0.52 -0.14	24.80 -0.76 -0.13	26.67 -0.88 -0.06	27.65 -1.09 0.00	26.10 -1.17 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.55 -1.02 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.21 0.00
RUSSELL___4 23556	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.40 -0.52 -0.14	24.80 -0.76 -0.13	26.67 -0.88 -0.06	27.65 -1.09 0.00	26.10 -1.17 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.55 -1.02 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.21 0.00
RUSSELL___STATION 23914	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.40 -0.52 -0.14	24.80 -0.76 -0.13	26.67 -0.88 -0.06	27.65 -1.09 0.00	26.10 -1.17 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.55 -1.02 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.21 0.00
S SALMON___HYD 24043	28.33 -0.52 -0.15	24.53 -0.42 -0.23	23.91 -0.46 -0.10	23.40 -0.45 -0.08	25.05 -0.46 -0.07	27.01 -0.52 -0.03	28.14 -0.60 0.00	26.61 -0.62 -0.04	24.18 -0.70 0.00	21.03 -0.70 0.00	19.54 -0.67 0.00	17.79 -0.60 -0.06	15.78 -0.53 -0.19	17.89 -0.67 -0.01	12.34 -0.40 -0.48	15.06 -0.49 -0.29	17.06 -0.55 -0.49	27.24 -0.90 -0.03	36.05 -1.00 0.00	44.69 -0.96 0.00	48.11 -0.93 0.00	41.54 -0.76 0.00	34.85 -0.71 0.00	30.52 -0.62 0.00
S.PERRY__115KV_TB1 80734	28.91 -0.17 -0.39	25.28 -0.02 -0.59	24.45 -0.07 -0.26	23.91 -0.07 -0.20	25.32 -0.31 -0.19	27.25 -0.33 -0.08	28.34 -0.40 0.00	26.51 -0.79 -0.11	23.94 -0.95 0.00	20.53 -1.19 0.00	18.99 -1.21 0.00	17.36 -1.12 -0.14	15.71 -0.89 -0.48	17.43 -1.15 -0.03	12.99 -0.49 -1.21	15.38 -0.61 -0.73	17.70 -0.65 -1.23	26.78 -1.41 -0.08	35.41 -1.63 0.00	44.46 -1.19 0.00	47.92 -1.13 0.00	41.29 -1.02 0.00	34.81 -0.75 0.00	30.59 -0.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.32 -1.72 -0.36	23.94 -1.31 -0.53	23.19 -1.31 -0.24	22.65 -1.31 -0.18	23.90 -1.70 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.82 -2.47 -0.10	22.74 -2.14 0.00	19.64 -2.09 0.00	18.14 -2.06 0.00	16.63 -1.83 -0.13	15.12 -1.43 -0.43	16.79 -1.78 -0.03	12.54 -0.83 -1.10	14.84 -1.08 -0.66	17.02 -1.22 -1.12	25.39 -2.78 -0.07	33.04 -4.00 0.00	40.99 -4.66 0.00	43.80 -5.25 0.00	38.03 -4.27 0.00	32.40 -3.16 0.00	28.84 -2.30 0.00

SAWYER___23_KV_LOAD 55526	27.32 -1.72 -0.36	23.94 -1.31 -0.53	23.19 -1.31 -0.24	22.65 -1.31 -0.18	23.90 -1.70 -0.17	25.56 -2.01 -0.07	26.61 -2.13 0.00	24.82 -2.47 -0.10	22.74 -2.14 0.00	19.64 -2.09 0.00	18.14 -2.06 0.00	16.63 -1.83 -0.13	15.12 -1.43 -0.43	16.79 -1.78 -0.03	12.54 -0.83 -1.10	14.84 -1.08 -0.66	17.02 -1.22 -1.12	25.39 -2.78 -0.07	33.04 -4.00 0.00	40.99 -4.66 0.00	43.80 -5.25 0.00	38.03 -4.27 0.00	32.40 -3.16 0.00	28.84 -2.30 0.00
SELKIRK___I 23801	32.29 0.89 -2.71	29.56 0.77 -4.08	26.82 0.75 -1.80	25.91 0.74 -1.40	27.52 0.79 -1.30	28.93 0.88 -0.56	29.60 0.86 0.00	28.67 0.71 -0.78	25.50 0.62 0.00	22.18 0.46 0.00	20.63 0.42 0.00	19.67 0.37 -0.97	19.74 0.31 -3.31	19.07 0.33 -0.19	20.91 0.23 -8.41	20.64 0.32 -5.06	26.02 0.36 -8.54	29.34 0.70 -0.53	38.04 1.00 0.00	46.79 1.14 0.00	50.03 0.98 0.00	43.19 0.89 0.00	36.34 0.78 0.00	31.89 0.75 0.00
SELKIRK___II 23799	32.23 0.80 -2.74	29.53 0.69 -4.12	26.76 0.68 -1.81	25.88 0.69 -1.41	27.46 0.71 -1.31	28.86 0.80 -0.56	29.54 0.80 0.00	28.71 0.73 -0.79	25.58 0.70 0.00	22.28 0.56 0.00	20.73 0.52 0.00	19.79 0.48 -0.98	19.88 0.42 -3.34	19.20 0.46 -0.19	21.10 0.33 -8.50	20.78 0.41 -5.11	26.21 0.46 -8.63	29.46 0.82 -0.54	38.04 1.00 0.00	46.70 1.05 0.00	49.88 0.83 0.00	43.06 0.76 0.00	36.23 0.67 0.00	31.80 0.66 0.00
SENECA OSWGO___HYD 24041	28.28 -0.57 -0.17	24.47 -0.49 -0.25	23.87 -0.51 -0.11	23.36 -0.50 -0.09	24.93 -0.58 -0.08	26.90 -0.63 -0.03	28.08 -0.66 0.00	26.58 -0.65 -0.05	24.21 -0.67 0.00	21.05 -0.67 0.00	19.58 -0.63 0.00	17.83 -0.57 -0.06	15.84 -0.48 -0.20	17.95 -0.61 -0.01	12.46 -0.33 -0.52	15.17 -0.40 -0.31	17.18 -0.46 -0.53	27.30 -0.84 -0.03	35.86 -1.19 0.00	44.28 -1.37 0.00	47.58 -1.47 0.00	41.03 -1.27 0.00	34.46 -1.10 0.00	30.21 -0.93 0.00
SENECA___115KV_TB3 355854	27.42 -1.64 -0.37	24.06 -1.21 -0.56	23.30 -1.21 -0.25	22.76 -1.21 -0.19	24.01 -1.60 -0.18	25.68 -1.90 -0.08	26.84 -1.90 0.00	24.93 -2.37 -0.11	22.94 -1.94 0.00	19.81 -1.91 0.00	18.28 -1.92 0.00	16.71 -1.76 -0.13	15.20 -1.37 -0.45	16.92 -1.65 -0.03	12.62 -0.80 -1.15	14.91 -1.04 -0.69	17.16 -1.13 -1.17	25.54 -2.64 -0.07	33.41 -3.63 0.00	41.49 -4.15 0.00	44.34 -4.71 0.00	38.45 -3.85 0.00	32.72 -2.84 0.00	29.06 -2.09 0.00
SENECA___ENERGY 23797	28.50 -0.46 -0.27	24.80 -0.32 -0.41	24.08 -0.36 -0.18	23.56 -0.36 -0.14	25.08 -0.48 -0.13	27.03 -0.52 -0.06	28.22 -0.52 0.00	26.72 -0.54 -0.08	24.23 -0.65 0.00	21.00 -0.72 0.00	19.49 -0.71 0.00	17.79 -0.64 -0.10	15.92 -0.53 -0.33	17.86 -0.70 -0.02	12.79 -0.32 -0.84	15.37 -0.40 -0.51	17.55 -0.43 -0.85	27.29 -0.87 -0.05	35.93 -1.11 0.00	44.51 -1.14 0.00	47.67 -1.37 0.00	41.20 -1.10 0.00	34.60 -0.96 0.00	30.37 -0.78 0.00
SHOEMAKER___GT 23640	32.27 1.55 -2.03	29.16 1.38 -3.06	26.95 1.33 -1.35	26.11 1.28 -1.05	27.73 1.32 -0.97	29.34 1.43 -0.42	30.18 1.44 0.00	29.16 1.39 -0.58	26.20 1.32 0.00	22.89 1.17 0.00	21.33 1.13 0.00	20.13 1.06 -0.73	19.60 1.00 -2.48	19.80 1.11 -0.14	19.37 0.80 -6.31	20.03 0.98 -3.79	24.62 1.10 -6.41	30.16 1.66 -0.40	39.12 2.07 0.00	48.06 2.42 0.00	51.30 2.26 0.00	44.12 1.82 0.00	37.05 1.49 0.00	32.45 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	32.26 1.55 -2.02	29.16 1.41 -3.04	26.96 1.36 -1.34	26.10 1.28 -1.04	27.75 1.35 -0.97	29.31 1.40 -0.41	30.18 1.44 0.00	29.15 1.39 -0.58	26.22 1.34 0.00	22.92 1.19 0.00	21.35 1.15 0.00	20.14 1.08 -0.72	19.60 1.02 -2.47	19.84 1.15 -0.14	19.35 0.81 -6.27	20.03 1.01 -3.77	24.60 1.11 -6.36	30.19 1.69 -0.40	39.16 2.11 0.00	48.11 2.46 0.00	51.35 2.31 0.00	44.12 1.82 0.00	37.05 1.49 0.00	32.49 1.34 0.00
SHOREHAM_IC_1 23715	38.66 3.59 -6.39	31.29 3.19 -3.38	28.83 3.08 -1.48	27.88 2.95 -1.16	29.58 3.08 -1.07	31.32 3.35 -0.47	32.10 3.36 0.00	31.01 3.18 -0.64	27.77 2.88 0.00	24.40 2.67 -0.01	22.95 2.42 -0.32	21.34 2.20 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.74 2.00 -6.48	37.95 2.28 -18.55	49.46 3.37 -17.98	91.44 4.07 -50.32	107.28 4.75 -56.89	137.97 4.66 -84.26	54.16 3.81 -8.05	39.48 3.77 -0.15	34.49 3.33 -0.01
SHOREHAM_IC_2 23716	38.66 3.59 -6.39	31.28 3.19 -3.38	28.83 3.08 -1.48	27.88 2.95 -1.16	29.59 3.08 -1.07	31.26 3.30 -0.47	32.08 3.33 0.00	30.93 3.10 -0.64	27.77 2.89 0.00	24.39 2.67 0.00	22.93 2.40 -0.32	21.34 2.20 -0.80	20.86 2.02 -2.72	21.16 2.32 -0.30	21.49 1.61 -7.61	23.74 2.00 -6.48	37.95 2.28 -18.55	49.46 3.37 -17.98	91.44 4.07 -50.32	107.28 4.75 -56.89	137.97 4.66 -84.26	54.16 3.81 -8.05	39.48 3.77 -0.15	34.49 3.33 -0.01
SISSONVILLE____ 23735	27.37 -1.32 0.00	23.58 -1.14 0.00	23.22 -1.04 0.00	22.80 -0.97 0.00	24.37 -1.07 0.00	26.34 -1.15 0.00	27.59 -1.15 0.00	26.18 -1.01 0.00	23.89 -1.00 0.00	20.94 -0.78 0.00	19.39 -0.81 0.00	17.59 -0.75 0.00	15.43 -0.69 0.00	17.77 -0.78 0.00	11.64 -0.63 0.00	14.53 -0.73 0.00	16.32 -0.80 0.00	27.10 -1.01 0.00	36.01 -1.04 0.00	44.55 -1.10 0.00	48.46 -0.59 0.00	42.01 -0.30 0.00	35.28 -0.28 0.00	30.65 -0.50 0.00
SITHE_IND_GS1 24169	28.07 -0.75 -0.13	24.30 -0.62 -0.20	23.75 -0.61 -0.09	23.23 -0.62 -0.07	24.81 -0.69 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.46 -0.76 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.51 -0.69 0.00	17.76 -0.62 -0.05	15.77 -0.52 -0.16	17.91 -0.65 -0.01	12.32 -0.36 -0.41	15.06 -0.44 -0.25	17.04 -0.50 -0.42	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00
SITHE_IND_GS2 24170	28.07 -0.75 -0.13	24.30 -0.62 -0.20	23.75 -0.61 -0.09	23.23 -0.62 -0.07	24.81 -0.69 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.46 -0.76 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.51 -0.69 0.00	17.76 -0.62 -0.05	15.77 -0.52 -0.16	17.91 -0.65 -0.01	12.32 -0.36 -0.41	15.06 -0.44 -0.25	17.04 -0.50 -0.42	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00
SITHE_IND_GS3 24171	28.07 -0.75 -0.13	24.30 -0.62 -0.20	23.75 -0.61 -0.09	23.23 -0.62 -0.07	24.81 -0.69 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.46 -0.76 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.51 -0.69 0.00	17.76 -0.62 -0.05	15.77 -0.52 -0.16	17.91 -0.65 -0.01	12.32 -0.36 -0.41	15.06 -0.44 -0.25	17.04 -0.50 -0.42	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00
SITHE_IND_GS4 24172	28.07 -0.75 -0.13	24.30 -0.62 -0.20	23.75 -0.61 -0.09	23.23 -0.62 -0.07	24.81 -0.69 -0.06	26.75 -0.77 -0.03	27.94 -0.80 0.00	26.46 -0.76 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.51 -0.69 0.00	17.76 -0.62 -0.05	15.77 -0.52 -0.16	17.91 -0.65 -0.01	12.32 -0.36 -0.41	15.06 -0.44 -0.25	17.04 -0.50 -0.42	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.01 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.56 0.00	34.25 -1.32 0.00	30.05 -1.09 0.00

SITHE___BATAVIA 24024	28.08 -0.92 -0.31	24.54 -0.64 -0.47	23.79 -0.68 -0.21	23.25 -0.69 -0.16	24.57 -1.02 -0.15	26.32 -1.24 -0.06	27.42 -1.32 0.00	25.97 -1.30 -0.09	23.31 -1.57 0.00	20.03 -1.69 0.00	18.53 -1.68 0.00	17.02 -1.43 -0.11	15.39 -1.11 -0.38	17.01 -1.56 -0.02	12.61 -0.63 -0.96	15.03 -0.81 -0.58	17.23 -0.87 -0.98	26.03 -2.14 -0.06	34.12 -2.93 0.00	42.50 -3.15 0.00	45.66 -3.38 0.00	39.47 -2.83 0.00	33.53 -2.03 0.00	29.65 -1.49 0.00
SITHE___INDEPEND 23800	28.07 -0.75 -0.13	24.30 -0.62 -0.20	23.75 -0.61 -0.09	23.23 -0.62 -0.07	24.81 -0.69 -0.06	26.78 -0.74 -0.03	27.94 -0.80 0.00	26.41 -0.82 -0.04	24.11 -0.77 0.00	20.98 -0.74 0.00	19.52 -0.69 0.00	17.76 -0.62 -0.05	15.77 -0.52 -0.16	17.93 -0.63 -0.01	12.32 -0.36 -0.41	15.06 -0.44 -0.25	17.04 -0.50 -0.42	27.18 -0.96 -0.03	35.67 -1.37 0.00	44.00 -1.64 0.00	47.23 -1.81 0.00	40.74 -1.57 0.00	34.24 -1.32 0.00	30.06 -1.09 0.00
SITHE___MASSENA 23902	28.20 -0.49 0.00	24.29 -0.42 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.05 -0.38 0.00	27.09 -0.41 0.00	28.34 -0.40 0.00	26.86 -0.33 0.00	24.58 -0.30 0.00	21.57 -0.15 0.00	20.00 -0.20 0.00	18.14 -0.20 0.00	15.93 -0.19 0.00	18.38 -0.17 0.00	12.05 -0.22 0.00	15.01 -0.24 0.00	16.85 -0.27 0.00	27.85 -0.25 0.00	36.90 -0.15 0.00	45.51 -0.14 0.00	49.34 0.30 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.37 0.22 0.00
SITHE___OGDNSBRG 24021	28.17 -0.52 0.00	24.27 -0.44 0.00	23.90 -0.36 0.00	23.47 -0.31 0.00	25.08 -0.36 0.00	27.14 -0.36 0.00	28.37 -0.37 0.00	26.86 -0.33 0.00	24.46 -0.42 0.00	21.40 -0.33 0.00	19.82 -0.38 0.00	17.95 -0.39 0.00	15.75 -0.37 0.00	18.14 -0.41 0.00	11.89 -0.38 0.00	14.82 -0.44 0.00	16.66 -0.46 0.00	27.69 -0.42 0.00	36.93 -0.11 0.00	45.83 0.18 0.00	49.88 0.83 0.00	43.19 0.89 0.00	36.31 0.75 0.00	31.52 0.37 0.00
SITHE___STERLING 23777	29.28 0.46 -0.13	25.33 0.42 -0.20	24.72 0.36 -0.09	24.22 0.38 -0.07	25.93 0.43 -0.06	28.02 0.50 -0.03	29.23 0.49 0.00	27.63 0.41 -0.04	25.13 0.25 0.00	21.81 0.09 0.00	20.22 0.02 0.00	18.40 0.02 -0.05	16.30 0.02 -0.16	18.50 -0.06 -0.01	12.70 0.02 -0.40	15.56 0.06 -0.24	17.63 0.10 -0.41	28.33 0.20 -0.03	37.56 0.52 0.00	46.51 0.87 0.00	50.08 1.03 0.00	43.10 0.80 0.00	36.13 0.57 0.00	31.61 0.47 0.00
SLEIGHT__34_KV_TB1 80719	28.23 -0.72 -0.26	24.56 -0.54 -0.39	23.86 -0.58 -0.17	23.34 -0.57 -0.13	24.80 -0.76 -0.12	26.73 -0.82 -0.05	27.79 -0.95 0.00	26.26 -1.01 -0.07	23.86 -1.02 0.00	20.61 -1.11 0.00	19.15 -1.05 0.00	17.55 -0.88 -0.09	15.73 -0.71 -0.32	17.64 -0.93 -0.02	12.66 -0.42 -0.81	15.21 -0.53 -0.48	17.34 -0.60 -0.82	26.87 -1.29 -0.05	35.23 -1.82 0.00	43.64 -2.01 0.00	46.89 -2.16 0.00	40.48 -1.82 0.00	34.10 -1.46 0.00	29.99 -1.15 0.00
SMITHTWN_69_KV_BK 1 55830	38.49 3.39 -6.42	31.12 3.02 -3.39	28.69 2.94 -1.48	27.76 2.83 -1.16	29.43 2.92 -1.07	31.07 3.11 -0.47	31.93 3.19 0.00	30.79 2.96 -0.64	27.64 2.76 0.00	24.33 2.61 0.00	22.87 2.34 -0.32	21.29 2.15 -0.80	20.83 1.98 -2.72	21.13 2.28 -0.30	21.46 1.57 -7.62	23.67 1.92 -6.49	37.93 2.19 -18.61	51.02 3.23 -19.68	116.17 3.82 -75.31	138.65 4.43 -88.58	184.59 4.32 -131.23	57.21 3.51 -11.40	39.31 3.56 -0.19	34.27 3.11 -0.01
SOUTH CAIRO___GT 23612	32.26 0.95 -2.62	29.45 0.79 -3.95	26.76 0.75 -1.74	25.89 0.76 -1.35	27.53 0.84 -1.26	29.00 0.96 -0.54	29.98 1.24 0.00	28.70 0.76 -0.75	25.65 0.77 0.00	22.18 0.46 0.00	20.55 0.34 0.00	19.40 0.13 -0.94	19.42 0.10 -3.20	18.95 0.22 -0.18	20.47 0.06 -8.14	20.29 0.14 -4.89	25.59 0.21 -8.27	29.30 0.67 -0.51	38.56 1.52 0.00	47.52 1.87 0.00	50.71 1.67 0.00	43.87 1.57 0.00	36.95 1.39 0.00	32.36 1.21 0.00
SOUTH HAMPTN___IC 23720	38.74 3.67 -6.38	31.36 3.26 -3.38	28.90 3.15 -1.48	27.95 3.02 -1.16	29.66 3.15 -1.07	31.43 3.46 -0.47	32.19 3.45 0.00	31.11 3.29 -0.64	27.89 3.01 0.00	24.53 2.80 -0.01	23.03 2.50 -0.32	21.41 2.27 -0.80	20.94 2.09 -2.72	21.22 2.37 -0.30	21.55 1.67 -7.61	23.83 2.09 -6.48	38.06 2.40 -18.54	49.53 3.60 -17.83	89.67 4.37 -48.25	104.99 5.07 -54.28	134.39 4.95 -80.40	54.14 4.06 -7.77	39.65 3.95 -0.15	34.67 3.52 -0.01
SOUTHDOWN_115KV_TB1 355954	28.05 -1.03 -0.40	24.62 -0.69 -0.60	23.83 -0.70 -0.26	23.27 -0.71 -0.21	24.56 -1.07 -0.19	26.29 -1.29 -0.08	27.56 -1.18 0.00	25.59 -1.71 -0.11	23.69 -1.19 0.00	20.44 -1.28 0.00	18.91 -1.29 0.00	17.18 -1.30 -0.14	15.61 -1.00 -0.49	17.44 -1.13 -0.03	12.98 -0.53 -1.24	15.32 -0.69 -0.75	17.71 -0.67 -1.26	26.25 -1.94 -0.08	34.60 -2.44 0.00	43.05 -2.60 0.00	46.01 -3.04 0.00	39.76 -2.54 0.00	33.64 -1.92 0.00	29.59 -1.56 0.00
SOUTHOLD_69_KV_BK 2 55809	38.77 3.70 -6.38	31.43 3.34 -3.38	28.93 3.18 -1.48	27.98 3.04 -1.16	29.69 3.18 -1.07	31.46 3.49 -0.47	32.25 3.51 0.00	31.14 3.32 -0.64	28.02 3.14 0.00	24.65 2.93 0.00	23.11 2.59 -0.32	21.49 2.35 -0.80	20.99 2.14 -2.72	21.33 2.49 -0.30	21.62 1.74 -7.61	23.95 2.21 -6.48	38.21 2.55 -18.54	49.84 3.91 -17.83	90.10 4.78 -48.28	105.44 5.48 -54.31	134.84 5.35 -80.45	54.39 4.31 -7.78	39.87 4.16 -0.15	34.92 3.77 -0.01
SOUTHOLD___IC 23719	38.77 3.70 -6.38	31.43 3.34 -3.38	28.93 3.18 -1.48	27.98 3.04 -1.16	29.69 3.18 -1.07	31.48 3.52 -0.47	32.28 3.53 0.00	31.22 3.40 -0.64	28.02 3.14 0.00	24.66 2.93 -0.01	23.13 2.61 -0.32	21.49 2.35 -0.80	20.99 2.14 -2.72	21.31 2.47 -0.30	21.62 1.74 -7.61	23.95 2.21 -6.48	38.21 2.55 -18.54	49.84 3.91 -17.83	90.14 4.81 -48.28	105.44 5.48 -54.31	134.84 5.35 -80.45	54.40 4.32 -7.78	39.83 4.12 -0.15	34.92 3.77 -0.01
SOUTH_FORK_WT_PWR 323839	38.54 3.47 -6.38	31.23 3.14 -3.38	28.73 2.98 -1.48	27.79 2.85 -1.16	29.48 2.97 -1.07	31.29 3.33 -0.47	32.07 3.33 0.00	31.06 3.23 -0.64	27.92 3.03 0.00	24.57 2.84 -0.01	23.03 2.50 -0.32	21.40 2.25 -0.80	20.92 2.08 -2.72	21.22 2.37 -0.30	21.59 1.70 -7.61	23.90 2.17 -6.48	38.14 2.48 -18.54	49.76 3.82 -17.83	89.98 4.67 -48.27	105.19 5.25 -54.30	134.47 5.01 -80.42	54.14 4.06 -7.78	39.62 3.91 -0.15	34.80 3.64 -0.01
SPIERFLS_115KV_TB 1 80737	32.79 1.26 -2.84	30.07 1.09 -4.27	27.19 1.04 -1.88	26.29 1.05 -1.46	27.94 1.14 -1.36	29.32 1.24 -0.58	29.98 1.24 0.00	29.06 1.06 -0.82	25.73 0.85 0.00	22.31 0.59 0.00	20.71 0.51 0.00	19.79 0.44 -1.01	19.91 0.32 -3.46	19.08 0.33 -0.20	21.29 0.22 -8.80	20.88 0.34 -5.29	26.50 0.45 -8.93	29.79 1.12 -0.56	38.71 1.67 0.00	47.75 2.10 0.00	51.20 2.16 0.00	44.12 1.82 0.00	37.09 1.53 0.00	32.36 1.21 0.00
ST LAWRENCE____ 23600	28.14 -0.55 0.00	24.22 -0.49 0.00	23.83 -0.44 0.00	23.35 -0.43 0.00	25.00 -0.43 0.00	27.03 -0.47 0.00	28.28 -0.46 0.00	26.78 -0.41 0.00	24.53 -0.35 0.00	21.50 -0.22 0.00	19.98 -0.22 0.00	18.14 -0.20 0.00	15.90 -0.23 0.00	18.36 -0.19 0.00	12.05 -0.22 0.00	15.00 -0.26 0.00	16.81 -0.31 0.00	27.74 -0.37 0.00	36.71 -0.33 0.00	45.28 -0.37 0.00	49.00 -0.05 0.00	42.30 0.00 0.00	35.60 0.04 0.00	31.05 -0.09 0.00

STATE_CA_115KV_115_LB 55624	32.30 0.83 -2.78	29.61 0.72 -4.18	26.81 0.70 -1.84	25.92 0.71 -1.43	27.50 0.74 -1.33	28.86 0.80 -0.57	29.57 0.83 0.00	28.72 0.73 -0.80	25.55 0.67 0.00	22.26 0.54 0.00	20.73 0.53 0.00	19.81 0.48 -0.99	19.90 0.39 -3.39	19.19 0.45 -0.20	21.18 0.29 -8.62	20.84 0.40 -5.18	26.30 0.43 -8.75	29.50 0.84 -0.55	38.08 1.04 0.00	46.65 1.00 0.00	49.83 0.78 0.00	43.02 0.72 0.00	36.24 0.68 0.00	31.80 0.65 0.00
STATE_ST_34_KV_LOAD 55959	28.78 -0.17 -0.26	25.01 -0.10 -0.40	24.30 -0.15 -0.18	23.75 -0.17 -0.14	25.36 -0.20 -0.13	27.33 -0.22 -0.05	28.54 -0.20 0.00	26.99 -0.27 -0.08	24.56 -0.32 0.00	21.31 -0.41 0.00	19.80 -0.40 0.00	18.06 -0.37 -0.09	16.14 -0.31 -0.32	18.16 -0.41 -0.02	12.92 -0.17 -0.82	15.55 -0.20 -0.49	17.73 -0.22 -0.83	27.71 -0.45 -0.05	36.49 -0.56 0.00	45.14 -0.50 0.00	48.46 -0.59 0.00	41.79 -0.51 0.00	35.06 -0.50 0.00	30.71 -0.44 0.00
STATION_5_MISC_HYD 23604	28.19 -0.77 -0.27	24.56 -0.57 -0.41	23.84 -0.61 -0.18	23.32 -0.59 -0.14	24.73 -0.84 -0.13	26.48 -1.07 -0.06	27.59 -1.15 0.00	26.15 -1.12 -0.08	23.64 -1.24 0.00	20.42 -1.30 0.00	18.93 -1.27 0.00	17.39 -1.04 -0.10	15.65 -0.81 -0.33	17.45 -1.11 -0.02	12.68 -0.44 -0.85	15.19 -0.58 -0.51	17.33 -0.65 -0.86	26.59 -1.57 -0.05	34.71 -2.33 0.00	43.05 -2.60 0.00	46.20 -2.85 0.00	39.89 -2.41 0.00	33.78 -1.78 0.00	29.81 -1.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.39 -0.57 -0.27	24.71 -0.42 -0.41	23.99 -0.46 -0.18	23.47 -0.45 -0.14	24.93 -0.64 -0.13	26.84 -0.71 -0.06	27.94 -0.80 0.00	26.34 -0.92 -0.08	23.96 -0.92 0.00	20.68 -1.04 0.00	19.21 -0.99 0.00	17.59 -0.84 -0.10	15.79 -0.66 -0.33	17.69 -0.87 -0.02	12.74 -0.38 -0.85	15.28 -0.49 -0.51	17.45 -0.53 -0.86	26.92 -1.24 -0.05	35.34 -1.70 0.00	43.82 -1.83 0.00	47.04 -2.01 0.00	40.61 -1.69 0.00	34.24 -1.32 0.00	30.12 -1.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.07 -0.89 -0.27	24.45 -0.67 -0.41	23.74 -0.70 -0.18	23.23 -0.69 -0.14	24.62 -0.94 -0.13	26.48 -1.07 -0.06	27.48 -1.26 0.00	25.93 -1.33 -0.08	23.56 -1.32 0.00	20.35 -1.37 0.00	18.89 -1.31 0.00	17.37 -1.06 -0.10	15.61 -0.84 -0.33	17.44 -1.13 -0.02	12.62 -0.49 -0.84	15.12 -0.64 -0.50	17.25 -0.72 -0.85	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.68 -1.88 0.00	29.71 -1.43 0.00
STA_56___34_KV_BUS2 355983	28.07 -0.89 -0.27	24.45 -0.67 -0.41	23.74 -0.70 -0.18	23.23 -0.69 -0.14	24.62 -0.94 -0.13	26.48 -1.07 -0.06	27.48 -1.26 0.00	25.93 -1.33 -0.08	23.56 -1.32 0.00	20.35 -1.37 0.00	18.89 -1.31 0.00	17.37 -1.06 -0.10	15.61 -0.84 -0.33	17.44 -1.13 -0.02	12.62 -0.49 -0.84	15.12 -0.64 -0.50	17.25 -0.72 -0.85	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.68 -1.88 0.00	29.71 -1.43 0.00
STA_67___115KV_BK2 355882	28.13 -0.83 -0.27	24.51 -0.62 -0.41	23.79 -0.66 -0.18	23.28 -0.64 -0.14	24.67 -0.89 -0.13	26.54 -1.02 -0.06	27.51 -1.24 0.00	25.96 -1.30 -0.08	23.59 -1.29 0.00	20.37 -1.35 0.00	18.91 -1.29 0.00	17.37 -1.06 -0.10	15.63 -0.82 -0.33	17.45 -1.11 -0.02	12.65 -0.47 -0.85	15.16 -0.61 -0.51	17.30 -0.68 -0.86	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.71 -1.85 0.00	29.78 -1.37 0.00
STA_7___115KV_9TRANS 80674	28.30 -0.66 -0.27	24.66 -0.47 -0.41	23.91 -0.53 -0.18	23.40 -0.52 -0.14	24.80 -0.76 -0.13	26.67 -0.88 -0.06	27.65 -1.09 0.00	26.10 -1.17 -0.08	23.71 -1.17 0.00	20.46 -1.26 0.00	18.99 -1.21 0.00	17.46 -0.97 -0.10	15.71 -0.74 -0.33	17.55 -1.02 -0.02	12.71 -0.40 -0.85	15.23 -0.53 -0.51	17.38 -0.60 -0.86	26.67 -1.49 -0.05	34.86 -2.19 0.00	43.23 -2.42 0.00	46.45 -2.60 0.00	40.10 -2.20 0.00	33.96 -1.60 0.00	29.93 -1.21 0.00
STA_82___115KV_TB1 80780	28.13 -0.83 -0.27	24.51 -0.62 -0.41	23.79 -0.66 -0.18	23.28 -0.64 -0.14	24.68 -0.89 -0.13	26.54 -1.02 -0.06	27.53 -1.21 0.00	25.96 -1.30 -0.08	23.59 -1.29 0.00	20.37 -1.35 0.00	18.91 -1.29 0.00	17.37 -1.06 -0.10	15.63 -0.82 -0.33	17.45 -1.11 -0.02	12.65 -0.47 -0.85	15.16 -0.61 -0.51	17.30 -0.68 -0.86	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.71 -1.85 0.00	29.78 -1.37 0.00
STEEL___WIND 323596	27.42 -1.63 -0.37	24.04 -1.24 -0.56	23.30 -1.21 -0.25	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.79 -1.79 -0.08	26.87 -1.87 0.00	25.44 -1.85 -0.11	22.91 -1.97 0.00	19.79 -1.93 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.19 -1.39 -0.45	16.66 -1.91 -0.03	12.61 -0.81 -1.15	14.90 -1.05 -0.69	17.14 -1.15 -1.17	25.51 -2.67 -0.07	33.38 -3.67 0.00	41.45 -4.20 0.00	44.29 -4.76 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
STEPHTWN_115KV_BK_2 55603	32.42 0.98 -2.75	29.70 0.84 -4.14	26.89 0.80 -1.82	26.01 0.81 -1.42	27.62 0.86 -1.32	29.00 0.93 -0.56	29.72 0.98 0.00	28.85 0.87 -0.79	25.68 0.80 0.00	22.35 0.63 0.00	20.79 0.59 0.00	19.85 0.53 -0.98	19.90 0.42 -3.36	19.22 0.48 -0.19	21.13 0.32 -8.54	20.84 0.44 -5.13	26.27 0.48 -8.67	29.60 0.96 -0.54	38.27 1.22 0.00	46.93 1.28 0.00	50.13 1.08 0.00	43.28 0.97 0.00	36.41 0.85 0.00	31.99 0.84 0.00
STEUBEN_REC_LFGE 323667	28.47 -0.72 -0.50	24.97 -0.49 -0.75	24.13 -0.46 -0.33	23.56 -0.48 -0.26	24.99 -0.69 -0.24	26.86 -0.74 -0.10	28.17 -0.57 0.00	26.27 -1.06 -0.14	23.91 -0.97 0.00	20.59 -1.13 0.00	19.05 -1.15 0.00	17.38 -1.14 -0.18	15.83 -0.90 -0.61	17.53 -1.06 -0.04	13.31 -0.50 -1.54	15.56 -0.63 -0.93	18.02 -0.67 -1.57	26.77 -1.43 -0.10	35.41 -1.63 0.00	44.28 -1.37 0.00	47.43 -1.62 0.00	40.99 -1.31 0.00	34.42 -1.14 0.00	30.30 -0.84 0.00
STILLWATER___SOLAR 323814	32.89 1.38 -2.83	30.13 1.16 -4.25	27.28 1.14 -1.87	26.38 1.14 -1.46	28.01 1.22 -1.35	29.40 1.32 -0.58	30.06 1.32 0.00	29.17 1.17 -0.81	25.88 1.00 0.00	22.44 0.72 0.00	20.83 0.63 0.00	19.90 0.55 -1.01	20.01 0.44 -3.45	19.23 0.48 -0.20	21.36 0.33 -8.76	20.98 0.46 -5.27	26.58 0.56 -8.90	29.87 1.21 -0.55	38.75 1.70 0.00	47.75 2.10 0.00	51.11 2.06 0.00	44.12 1.82 0.00	37.09 1.53 0.00	32.45 1.31 0.00
STONY___BROOK 24151	38.53 3.44 -6.40	31.14 3.04 -3.39	28.71 2.96 -1.48	27.76 2.83 -1.16	29.46 2.95 -1.07	31.15 3.19 -0.47	31.96 3.22 0.00	30.87 3.04 -0.64	27.67 2.79 0.00	24.33 2.61 -0.01	22.89 2.36 -0.32	21.30 2.16 -0.80	20.83 1.98 -2.72	21.11 2.26 -0.30	21.47 1.58 -7.62	23.69 1.94 -6.49	37.92 2.21 -18.59	50.06 3.23 -18.73	101.86 3.78 -61.04	120.49 4.38 -70.46	157.69 4.26 -104.38	55.26 3.47 -9.49	39.28 3.56 -0.17	34.30 3.14 -0.01
STURGEON_POOL_HYD 23609	32.64 1.66 -2.29	29.66 1.51 -3.44	27.21 1.43 -1.51	26.34 1.38 -1.18	27.95 1.42 -1.10	29.48 1.51 -0.47	30.41 1.67 0.00	29.37 1.52 -0.66	26.45 1.57 0.00	23.13 1.41 0.00	21.54 1.33 0.00	20.35 1.19 -0.82	20.04 1.13 -2.79	20.04 1.34 -0.16	20.27 0.91 -7.09	20.62 1.10 -4.26	25.57 1.25 -7.20	30.44 1.88 -0.45	39.53 2.48 0.00	48.52 2.88 0.00	51.74 2.70 0.00	44.50 2.20 0.00	37.34 1.78 0.00	32.70 1.56 0.00

ST_LAW_115_BK7_LBMP 345037	28.08 -0.60 0.00	24.17 -0.54 0.00	23.78 -0.49 0.00	23.32 -0.45 0.00	24.95 -0.48 0.00	26.97 -0.52 0.00	28.22 -0.52 0.00	26.75 -0.44 0.00	24.51 -0.37 0.00	21.48 -0.24 0.00	19.96 -0.24 0.00	18.10 -0.24 0.00	15.88 -0.24 0.00	18.34 -0.20 0.00	12.02 -0.25 0.00	14.97 -0.29 0.00	16.78 -0.34 0.00	27.71 -0.39 0.00	36.67 -0.37 0.00	45.24 -0.41 0.00	49.00 -0.05 0.00	42.30 0.00 0.00	35.60 0.04 0.00	31.05 -0.09 0.00
ST_LAW_115_BK8_LBMP 345038	28.08 -0.60 0.00	24.17 -0.54 0.00	23.78 -0.49 0.00	23.32 -0.45 0.00	24.95 -0.48 0.00	26.97 -0.52 0.00	28.22 -0.52 0.00	26.75 -0.44 0.00	24.51 -0.37 0.00	21.48 -0.24 0.00	19.96 -0.24 0.00	18.10 -0.24 0.00	15.88 -0.24 0.00	18.34 -0.20 0.00	12.02 -0.25 0.00	14.97 -0.29 0.00	16.78 -0.34 0.00	27.71 -0.39 0.00	36.67 -0.37 0.00	45.24 -0.41 0.00	49.00 -0.05 0.00	42.30 0.00 0.00	35.60 0.04 0.00	31.05 -0.09 0.00
ST_LAW_230_BK5_LBMP 345035	28.14 -0.55 0.00	24.22 -0.49 0.00	23.83 -0.44 0.00	23.35 -0.43 0.00	25.00 -0.43 0.00	27.03 -0.47 0.00	28.28 -0.46 0.00	26.78 -0.41 0.00	24.53 -0.35 0.00	21.50 -0.22 0.00	19.98 -0.22 0.00	18.14 -0.20 0.00	15.90 -0.23 0.00	18.36 -0.19 0.00	12.05 -0.22 0.00	15.00 -0.26 0.00	16.81 -0.31 0.00	27.74 -0.37 0.00	36.71 -0.33 0.00	45.28 -0.37 0.00	49.00 -0.05 0.00	42.30 0.00 0.00	35.60 0.04 0.00	31.05 -0.09 0.00
ST_LAW_230_BK6_LBMP 345036	28.14 -0.55 0.00	24.22 -0.49 0.00	23.83 -0.44 0.00	23.35 -0.43 0.00	25.00 -0.43 0.00	27.03 -0.47 0.00	28.28 -0.46 0.00	26.78 -0.41 0.00	24.53 -0.35 0.00	21.50 -0.22 0.00	19.98 -0.22 0.00	18.14 -0.20 0.00	15.90 -0.23 0.00	18.36 -0.19 0.00	12.05 -0.22 0.00	15.00 -0.26 0.00	16.81 -0.31 0.00	27.74 -0.37 0.00	36.71 -0.33 0.00	45.28 -0.37 0.00	49.00 -0.05 0.00	42.30 0.00 0.00	35.60 0.04 0.00	31.05 -0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.49 1.72 -2.08	29.40 1.56 -3.13	27.15 1.50 -1.38	26.28 1.43 -1.07	27.90 1.48 -1.00	29.46 1.54 -0.43	30.32 1.58 0.00	29.33 1.55 -0.60	26.37 1.49 0.00	23.09 1.37 0.00	21.52 1.31 0.00	20.31 1.23 -0.74	19.82 1.16 -2.54	20.01 1.32 -0.15	19.64 0.92 -6.45	20.26 1.13 -3.88	24.94 1.27 -6.55	30.45 1.94 -0.41	39.42 2.37 0.00	48.39 2.74 0.00	51.65 2.60 0.00	44.38 2.07 0.00	37.23 1.67 0.00	32.61 1.46 0.00
SWANROAD_115KV_TB1 355699	26.85 -2.18 -0.34	23.50 -1.73 -0.51	22.77 -1.72 -0.23	22.24 -1.71 -0.18	23.46 -2.14 -0.16	25.09 -2.47 -0.07	26.07 -2.67 0.00	24.35 -2.94 -0.10	22.27 -2.61 0.00	19.20 -2.52 0.00	17.72 -2.48 0.00	16.29 -2.16 -0.12	14.81 -1.72 -0.42	16.42 -2.15 -0.02	12.28 -1.04 -1.05	14.54 -1.36 -0.63	16.67 -1.52 -1.07	24.89 -3.29 -0.07	32.27 -4.78 0.00	39.99 -5.66 0.00	42.77 -6.28 0.00	37.14 -5.16 0.00	31.72 -3.84 0.00	28.28 -2.87 0.00
SYNERGY___BIOGAS 323694	28.08 -0.92 -0.31	24.54 -0.64 -0.47	23.79 -0.68 -0.21	23.25 -0.69 -0.16	24.57 -1.02 -0.15	26.38 -1.18 -0.06	27.36 -1.38 0.00	25.65 -1.63 -0.09	23.31 -1.57 0.00	20.01 -1.72 0.00	18.53 -1.68 0.00	17.02 -1.43 -0.11	15.39 -1.11 -0.38	17.10 -1.47 -0.02	12.61 -0.63 -0.96	15.03 -0.81 -0.58	17.23 -0.87 -0.98	26.03 -2.14 -0.06	34.12 -2.93 0.00	42.50 -3.15 0.00	45.66 -3.38 0.00	39.47 -2.83 0.00	33.53 -2.03 0.00	29.65 -1.49 0.00
SYRACUSE___ENERGY_ST1 323597	28.69 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	26.95 -0.30 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.74 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
SYRACUSE___ENERGY_ST2 323598	28.69 -0.20 -0.21	24.88 -0.15 -0.31	24.23 -0.17 -0.14	23.72 -0.17 -0.11	25.30 -0.23 -0.10	27.29 -0.25 -0.04	28.51 -0.23 0.00	26.95 -0.30 -0.06	24.56 -0.32 0.00	21.35 -0.37 0.00	19.86 -0.34 0.00	18.08 -0.33 -0.07	16.10 -0.27 -0.25	18.21 -0.35 -0.01	12.75 -0.16 -0.64	15.46 -0.18 -0.39	17.55 -0.22 -0.65	27.70 -0.45 -0.04	36.41 -0.63 0.00	44.96 -0.68 0.00	48.31 -0.74 0.00	41.67 -0.63 0.00	34.96 -0.60 0.00	30.65 -0.50 0.00
SYRACUSE___POWER 24017	28.78 -0.14 -0.24	24.97 -0.10 -0.36	24.30 -0.12 -0.16	23.76 -0.14 -0.12	25.37 -0.18 -0.11	27.35 -0.19 -0.05	28.54 -0.20 0.00	26.98 -0.27 -0.07	24.58 -0.30 0.00	21.37 -0.35 0.00	19.88 -0.32 0.00	18.11 -0.31 -0.08	16.17 -0.24 -0.29	18.25 -0.32 -0.02	12.87 -0.13 -0.73	15.53 -0.17 -0.44	17.68 -0.19 -0.75	27.76 -0.39 -0.05	36.49 -0.56 0.00	45.05 -0.59 0.00	48.36 -0.69 0.00	41.71 -0.59 0.00	35.03 -0.53 0.00	30.71 -0.44 0.00
TALLMAN__138KV_BK151 55660	32.72 1.89 -2.14	29.66 1.73 -3.22	27.36 1.67 -1.42	26.47 1.59 -1.10	28.09 1.63 -1.02	29.64 1.70 -0.44	30.49 1.75 0.00	29.51 1.71 -0.61	26.57 1.69 0.00	23.26 1.54 0.00	21.72 1.52 0.00	20.51 1.41 -0.76	20.05 1.32 -2.61	20.20 1.50 -0.15	19.96 1.06 -6.63	20.54 1.30 -3.99	25.30 1.44 -6.74	30.72 2.19 -0.42	39.71 2.67 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.59 2.28 0.00	37.41 1.85 0.00	32.77 1.62 0.00
TEALLAVE_115KV_TB7 355573	28.66 -0.23 -0.20	24.84 -0.17 -0.30	24.20 -0.19 -0.13	23.67 -0.21 -0.10	25.25 -0.28 -0.10	27.24 -0.30 -0.04	28.43 -0.32 0.00	26.86 -0.38 -0.06	24.51 -0.37 0.00	21.31 -0.41 0.00	19.80 -0.40 0.00	18.04 -0.37 -0.07	16.07 -0.29 -0.24	18.19 -0.37 -0.01	12.71 -0.17 -0.62	15.43 -0.20 -0.37	17.51 -0.24 -0.63	27.64 -0.51 -0.04	36.34 -0.70 0.00	44.87 -0.78 0.00	48.16 -0.88 0.00	41.54 -0.76 0.00	34.88 -0.68 0.00	30.59 -0.56 0.00
TELGRAPH_34_KV_EAST 80808	27.49 -1.52 -0.33	24.07 -1.14 -0.49	23.32 -1.16 -0.22	22.78 -1.17 -0.17	24.04 -1.55 -0.16	25.75 -1.81 -0.07	26.76 -1.98 0.00	25.02 -2.26 -0.09	22.84 -2.04 0.00	19.68 -2.04 0.00	18.18 -2.02 0.00	16.69 -1.76 -0.12	15.15 -1.37 -0.40	16.83 -1.74 -0.02	12.48 -0.80 -1.01	14.83 -1.04 -0.61	16.98 -1.16 -1.02	25.53 -2.64 -0.06	33.27 -3.78 0.00	41.31 -4.34 0.00	44.29 -4.76 0.00	38.37 -3.93 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
TEMPLE___115KV_TB 2 55572	28.66 -0.23 -0.20	24.87 -0.15 -0.30	24.21 -0.19 -0.13	23.69 -0.19 -0.10	25.28 -0.25 -0.10	27.26 -0.27 -0.04	28.45 -0.29 0.00	26.89 -0.35 -0.06	24.53 -0.35 0.00	21.31 -0.41 0.00	19.82 -0.38 0.00	18.06 -0.35 -0.07	16.09 -0.27 -0.25	18.21 -0.35 -0.01	12.74 -0.16 -0.63	15.44 -0.20 -0.38	17.54 -0.22 -0.64	27.67 -0.48 -0.04	36.34 -0.70 0.00	44.92 -0.73 0.00	48.16 -0.88 0.00	41.54 -0.76 0.00	34.88 -0.68 0.00	30.62 -0.53 0.00
TIANA____69_KV_BK 1 55817	38.74 3.67 -6.38	31.36 3.26 -3.38	28.90 3.15 -1.48	27.95 3.02 -1.16	29.66 3.15 -1.07	31.35 3.38 -0.47	32.16 3.42 0.00	31.03 3.21 -0.64	27.87 2.99 0.00	24.50 2.78 0.00	23.01 2.48 -0.32	21.40 2.26 -0.80	20.92 2.08 -2.72	21.24 2.39 -0.30	21.54 1.66 -7.61	23.81 2.08 -6.48	38.02 2.36 -18.54	49.48 3.54 -17.83	89.65 4.33 -48.28	104.98 5.02 -54.31	134.44 4.95 -80.44	54.10 4.02 -7.78	39.65 3.95 -0.15	34.64 3.49 -0.01

TILDEN___115KV_TB1 80814	28.78 -0.14 -0.24	24.97 -0.10 -0.36	24.30 -0.12 -0.16	23.76 -0.14 -0.12	25.37 -0.18 -0.11	27.35 -0.19 -0.05	28.54 -0.20 0.00	26.98 -0.27 -0.07	24.58 -0.30 0.00	21.37 -0.35 0.00	19.88 -0.32 0.00	18.11 -0.31 -0.08	16.17 -0.24 -0.29	18.25 -0.32 -0.02	12.87 -0.13 -0.73	15.53 -0.17 -0.44	17.68 -0.19 -0.75	27.76 -0.39 -0.05	36.49 -0.56 0.00	45.05 -0.59 0.00	48.36 -0.69 0.00	41.71 -0.59 0.00	35.03 -0.53 0.00	30.71 -0.44 0.00
TRIGEN___CC 323695	40.30 2.52 -9.09	30.38 2.27 -3.39	28.01 2.26 -1.49	27.10 2.16 -1.16	28.78 2.26 -1.08	30.31 2.34 -0.47	31.21 2.47 0.00	30.16 2.34 -0.64	27.12 2.24 0.00	23.85 2.13 0.00	22.71 1.94 -0.57	20.96 1.82 -0.81	20.53 1.68 -2.73	20.98 1.89 -0.54	21.93 1.30 -8.36	25.30 1.56 -8.48	46.25 1.73 -27.40	56.89 2.53 -26.26	49.98 3.00 -9.94	49.22 3.42 -0.15	52.36 3.24 -0.08	48.53 2.58 -3.64	38.21 2.49 -0.16	33.44 2.27 -0.02
TRINITY__115KV__4 BK 55933	32.22 0.77 -2.76	29.53 0.67 -4.15	26.75 0.66 -1.83	25.87 0.67 -1.42	27.44 0.69 -1.32	28.81 0.74 -0.57	29.52 0.78 0.00	28.66 0.68 -0.79	25.53 0.65 0.00	22.24 0.52 0.00	20.69 0.48 0.00	19.76 0.44 -0.99	19.86 0.37 -3.37	19.15 0.41 -0.19	21.11 0.28 -8.56	20.79 0.38 -5.14	26.22 0.41 -8.69	29.44 0.79 -0.54	37.97 0.93 0.00	46.51 0.87 0.00	49.63 0.59 0.00	42.89 0.59 0.00	36.13 0.57 0.00	31.74 0.59 0.00
UNION___PROCESSING_DRP 323587	28.13 -0.83 -0.27	24.51 -0.62 -0.41	23.82 -0.63 -0.18	23.28 -0.64 -0.14	24.68 -0.89 -0.13	26.54 -1.02 -0.06	27.53 -1.21 0.00	25.96 -1.30 -0.08	23.59 -1.29 0.00	20.37 -1.35 0.00	18.91 -1.29 0.00	17.37 -1.06 -0.10	15.63 -0.82 -0.34	17.45 -1.11 -0.02	12.66 -0.47 -0.85	15.16 -0.61 -0.51	17.30 -0.68 -0.86	26.53 -1.63 -0.05	34.64 -2.41 0.00	42.95 -2.69 0.00	46.10 -2.94 0.00	39.81 -2.50 0.00	33.71 -1.85 0.00	29.78 -1.37 0.00
UPPER HUDSON___HYD 24058	32.79 1.26 -2.84	30.07 1.09 -4.27	27.19 1.04 -1.88	26.29 1.05 -1.46	27.94 1.15 -1.36	29.32 1.24 -0.58	29.95 1.21 0.00	29.06 1.06 -0.82	25.73 0.85 0.00	22.31 0.59 0.00	20.71 0.51 0.00	19.79 0.44 -1.01	19.91 0.32 -3.46	19.08 0.33 -0.20	21.29 0.22 -8.80	20.88 0.34 -5.29	26.50 0.44 -8.93	29.79 1.13 -0.56	38.71 1.67 0.00	47.75 2.10 0.00	51.20 2.16 0.00	44.12 1.82 0.00	37.09 1.53 0.00	32.36 1.21 0.00
UPPER RAQUET___HYD 24056	27.37 -1.32 0.00	23.58 -1.14 0.00	23.22 -1.04 0.00	22.80 -0.98 0.00	24.37 -1.07 0.00	26.34 -1.15 0.00	27.56 -1.18 0.00	26.13 -1.06 0.00	23.89 -1.00 0.00	20.94 -0.78 0.00	19.39 -0.81 0.00	17.58 -0.75 0.00	15.43 -0.69 0.00	17.80 -0.74 0.00	11.64 -0.63 0.00	14.53 -0.73 0.00	16.32 -0.80 0.00	27.10 -1.01 0.00	36.01 -1.04 0.00	44.55 -1.10 0.00	48.46 -0.59 0.00	42.01 -0.29 0.00	35.27 -0.29 0.00	30.65 -0.50 0.00
VALLEY44_115KV_TB2 355964	27.15 -1.95 -0.41	23.85 -1.48 -0.62	23.11 -1.43 -0.27	22.56 -1.43 -0.21	23.83 -1.81 -0.20	25.46 -2.12 -0.08	26.87 -1.87 0.00	24.75 -2.56 -0.12	23.11 -1.77 0.00	20.01 -1.72 0.00	18.46 -1.74 0.00	16.65 -1.83 -0.15	15.16 -1.47 -0.50	17.06 -1.52 -0.03	12.64 -0.91 -1.28	14.87 -1.16 -0.77	17.17 -1.25 -1.30	25.46 -2.73 -0.08	33.78 -3.26 0.00	42.00 -3.65 0.00	44.88 -4.17 0.00	38.71 -3.60 0.00	32.79 -2.77 0.00	29.00 -2.15 0.00
VALLEY___115KV_TB 1-4 80826	28.31 -0.37 0.00	24.39 -0.32 0.00	23.95 -0.32 0.00	23.47 -0.31 0.00	25.15 -0.28 0.00	27.20 -0.30 0.00	28.43 -0.32 0.00	26.92 -0.27 0.00	24.63 -0.25 0.00	21.46 -0.26 0.00	19.96 -0.24 0.00	18.12 -0.22 0.00	15.93 -0.19 0.00	18.31 -0.24 0.00	12.12 -0.15 0.00	15.09 -0.17 0.00	16.95 -0.17 0.00	27.83 -0.28 0.00	36.71 -0.33 0.00	45.24 -0.41 0.00	48.60 -0.44 0.00	41.92 -0.38 0.00	35.24 -0.32 0.00	30.87 -0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.20 1.55 -0.96	27.54 1.38 -1.44	26.24 1.33 -0.64	25.58 1.31 -0.49	27.37 1.48 -0.46	29.29 1.59 -0.20	30.35 1.61 0.00	28.90 1.44 -0.28	26.13 1.24 0.00	22.68 0.96 0.00	21.03 0.83 0.00	19.45 0.77 -0.34	17.98 0.69 -1.17	19.34 0.72 -0.07	15.78 0.54 -2.97	17.72 0.67 -1.79	20.96 0.82 -3.02	29.62 1.32 -0.19	38.97 1.93 0.00	48.20 2.56 0.00	51.74 2.70 0.00	44.50 2.20 0.00	37.30 1.74 0.00	32.64 1.49 0.00
VISCHER___FERRY HYD 24020	32.69 1.20 -2.79	29.91 0.99 -4.20	27.09 0.97 -1.85	26.19 0.98 -1.44	27.79 1.02 -1.34	29.17 1.10 -0.57	29.86 1.12 0.00	29.05 1.06 -0.80	25.85 0.97 0.00	22.46 0.74 0.00	20.85 0.65 0.00	19.90 0.57 -1.00	20.01 0.48 -3.41	19.26 0.52 -0.20	21.30 0.37 -8.66	20.97 0.50 -5.21	26.50 0.58 -8.80	29.78 1.13 -0.55	38.53 1.48 0.00	47.34 1.69 0.00	50.47 1.42 0.00	43.70 1.39 0.00	36.73 1.17 0.00	32.21 1.06 0.00
V_A_10_SYNC_DSASP 323832	27.59 -1.41 -0.31	24.09 -1.09 -0.46	23.40 -1.07 -0.20	22.87 -1.07 -0.16	24.16 -1.42 -0.15	25.77 -1.79 -0.06	26.87 -1.87 0.00	25.45 -1.82 -0.09	22.97 -1.92 0.00	19.85 -1.87 0.00	18.34 -1.86 0.00	16.91 -1.54 -0.11	15.30 -1.19 -0.37	16.94 -1.63 -0.02	12.53 -0.69 -0.95	14.93 -0.90 -0.57	17.06 -1.03 -0.96	25.84 -2.33 -0.06	33.45 -3.59 0.00	41.40 -4.24 0.00	44.34 -4.71 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.06 -2.09 0.00
V_CMM_10_SYNC_DSASP 323787	28.20 -0.49 0.00	24.29 -0.42 0.00	23.90 -0.36 0.00	23.44 -0.33 0.00	25.05 -0.38 0.00	27.09 -0.41 0.00	28.34 -0.40 0.00	26.86 -0.33 0.00	24.61 -0.27 0.00	21.57 -0.15 0.00	20.04 -0.16 0.00	18.17 -0.17 0.00	15.94 -0.18 0.00	18.40 -0.15 0.00	12.07 -0.20 0.00	15.03 -0.23 0.00	16.86 -0.26 0.00	27.85 -0.25 0.00	36.82 -0.22 0.00	45.42 -0.23 0.00	49.19 0.15 0.00	42.47 0.17 0.00	35.78 0.21 0.00	31.18 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	28.34 -0.34 0.00	24.49 -0.22 0.00	24.19 -0.07 0.00	23.75 -0.02 0.00	25.33 -0.10 0.00	27.42 -0.08 0.00	28.71 -0.03 0.00	27.21 0.03 0.00	24.93 0.05 0.00	21.87 0.15 0.00	20.26 0.06 0.00	18.36 0.02 0.00	16.14 0.02 0.00	18.60 0.06 0.00	12.21 -0.06 0.00	15.20 -0.06 0.00	17.05 -0.07 0.00	28.22 0.11 0.00	37.38 0.33 0.00	46.10 0.46 0.00	49.98 0.93 0.00	43.06 0.76 0.00	36.27 0.71 0.00	31.55 0.40 0.00
V_D_10_SYNC_DSASP 323841	28.20 -0.49 0.00	24.29 -0.42 0.00	23.93 -0.34 0.00	23.47 -0.31 0.00	25.05 -0.38 0.00	27.09 -0.41 0.00	28.34 -0.40 0.00	26.86 -0.33 0.00	24.58 -0.30 0.00	21.57 -0.15 0.00	20.00 -0.20 0.00	18.14 -0.20 0.00	15.93 -0.19 0.00	18.38 -0.17 0.00	12.05 -0.22 0.00	15.01 -0.24 0.00	16.85 -0.27 0.00	27.85 -0.25 0.00	36.90 -0.15 0.00	45.51 -0.14 0.00	49.39 0.35 0.00	42.77 0.47 0.00	35.99 0.43 0.00	31.33 0.19 0.00
V_E_10_SYNC_DSASP 323830	31.08 1.69 -0.70	27.30 1.53 -1.05	26.19 1.46 -0.46	25.56 1.43 -0.36	27.40 1.63 -0.33	29.51 1.87 -0.14	30.67 1.93 0.00	29.02 1.63 -0.20	25.95 1.07 0.00	22.26 0.54 0.00	20.52 0.32 0.00	18.84 0.26 -0.25	17.18 0.21 -0.85	18.67 0.07 -0.05	14.61 0.17 -2.17	16.88 0.32 -1.30	19.86 0.53 -2.20	29.29 1.04 -0.14	39.27 2.22 0.00	49.11 3.47 0.00	53.07 4.02 0.00	45.52 3.21 0.00	38.01 2.45 0.00	33.20 2.06 0.00

V_F_30_NSYNC___DSASP 323816	32.92 1.41 -2.83	30.18 1.21 -4.26	27.33 1.19 -1.87	26.40 1.16 -1.46	28.04 1.25 -1.36	29.45 1.37 -0.58	30.09 1.35 0.00	29.20 1.19 -0.81	25.90 1.02 0.00	22.48 0.76 0.00	20.87 0.67 0.00	19.94 0.59 -1.01	20.04 0.47 -3.45	19.27 0.52 -0.20	21.40 0.36 -8.78	21.02 0.49 -5.28	26.63 0.60 -8.91	29.93 1.27 -0.56	38.79 1.74 0.00	47.84 2.19 0.00	51.20 2.16 0.00	44.16 1.86 0.00	37.12 1.56 0.00	32.48 1.34 0.00
V_F_30_SYNC_DSASP 323786	32.30 0.83 -2.78	29.61 0.72 -4.18	26.81 0.70 -1.84	25.92 0.71 -1.43	27.50 0.74 -1.33	28.86 0.80 -0.57	29.57 0.83 0.00	28.72 0.73 -0.80	25.55 0.67 0.00	22.26 0.54 0.00	20.73 0.53 0.00	19.79 0.46 -0.99	19.90 0.39 -3.39	19.19 0.45 -0.20	21.18 0.29 -8.61	20.83 0.40 -5.18	26.30 0.43 -8.75	29.50 0.84 -0.54	38.08 1.04 0.00	46.65 1.00 0.00	49.78 0.74 0.00	43.02 0.72 0.00	36.24 0.68 0.00	31.80 0.65 0.00
V_XM_10_SYNC_DSASP 323789	28.34 -0.34 0.00	24.49 -0.22 0.00	24.19 -0.07 0.00	23.75 -0.02 0.00	25.33 -0.10 0.00	27.42 -0.08 0.00	28.71 -0.03 0.00	27.21 0.03 0.00	24.93 0.05 0.00	21.87 0.15 0.00	20.26 0.06 0.00	18.36 0.02 0.00	16.14 0.02 0.00	18.60 0.06 0.00	12.21 -0.06 0.00	15.20 -0.06 0.00	17.05 -0.07 0.00	28.22 0.11 0.00	37.38 0.33 0.00	46.10 0.46 0.00	49.98 0.93 0.00	43.06 0.76 0.00	36.27 0.71 0.00	31.55 0.40 0.00
W.BABYLN_69_KV_BK1 56697	38.66 3.24 -6.74	30.98 2.89 -3.37	28.57 2.81 -1.48	27.64 2.71 -1.16	29.31 2.80 -1.07	30.93 2.97 -0.47	31.79 3.05 0.00	30.68 2.85 -0.64	27.54 2.66 0.00	24.24 2.52 0.00	22.84 2.28 -0.35	21.23 2.09 -0.80	20.76 1.92 -2.72	21.08 2.21 -0.33	21.50 1.52 -7.71	23.87 1.86 -6.75	38.94 2.09 -19.74	48.12 3.06 -16.94	52.72 3.67 -12.00	56.84 4.29 -6.91	63.13 4.17 -9.91	48.65 3.38 -2.97	39.04 3.38 -0.10	34.15 2.99 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.82 1.98 -2.16	29.76 1.80 -3.24	27.42 1.72 -1.43	26.53 1.64 -1.11	28.17 1.70 -1.03	29.73 1.79 -0.44	30.55 1.81 0.00	29.60 1.79 -0.62	26.62 1.74 0.00	23.31 1.59 0.00	21.74 1.54 0.00	20.56 1.45 -0.77	20.11 1.35 -2.63	20.24 1.54 -0.15	20.03 1.08 -6.68	20.60 1.33 -4.02	25.38 1.47 -6.79	30.78 2.25 -0.42	39.82 2.78 0.00	48.84 3.20 0.00	52.09 3.04 0.00	44.71 2.41 0.00	37.52 1.96 0.00	32.86 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.18 2.27 -2.22	30.11 2.05 -3.34	27.73 1.99 -1.47	26.83 1.90 -1.15	28.43 1.93 -1.06	29.96 2.01 -0.46	30.84 2.10 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.61 1.89 0.00	22.06 1.86 0.00	20.91 1.78 -0.79	20.48 1.64 -2.71	22.44 1.89 -2.00	23.11 1.31 -9.52	23.80 1.60 -6.93	25.87 1.75 -7.00	31.13 2.59 -0.44	40.12 3.07 0.00	49.21 3.56 0.00	52.43 3.38 0.00	44.93 2.62 0.00	37.77 2.20 0.00	33.11 1.96 0.00
W50THST__13_KV_LOAD 356117	33.32 2.41 -2.22	30.26 2.20 -3.34	27.87 2.14 -1.47	26.95 2.02 -1.15	28.58 2.09 -1.06	30.13 2.17 -0.46	31.01 2.27 0.00	30.08 2.26 -0.64	27.07 2.19 0.00	23.74 2.02 0.00	22.18 1.98 0.00	21.02 1.89 -0.79	20.59 1.76 -2.71	22.55 2.00 -2.00	23.18 1.39 -9.52	23.90 1.71 -6.93	25.97 1.85 -7.00	31.27 2.73 -0.44	40.30 3.26 0.00	49.39 3.74 0.00	52.77 3.73 0.00	45.14 2.83 0.00	37.94 2.38 0.00	33.29 2.15 0.00
WADING RIVER_IC_1 23522	38.62 3.56 -6.38	31.26 3.16 -3.38	28.81 3.06 -1.48	27.88 2.95 -1.16	29.56 3.05 -1.07	31.29 3.33 -0.47	32.07 3.33 0.00	30.98 3.15 -0.64	27.77 2.88 0.00	24.40 2.67 -0.01	22.95 2.42 -0.32	21.34 2.20 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.73 2.00 -6.47	37.93 2.28 -18.53	49.29 3.37 -17.81	89.24 4.07 -48.13	104.52 4.75 -54.12	133.87 4.66 -80.17	53.87 3.81 -7.76	39.47 3.77 -0.15	34.49 3.33 -0.01
WADING RIVER_IC_2 23547	38.62 3.56 -6.38	31.26 3.16 -3.38	28.81 3.06 -1.48	27.88 2.95 -1.16	29.56 3.05 -1.07	31.29 3.33 -0.47	32.07 3.33 0.00	30.98 3.15 -0.64	27.77 2.88 0.00	24.40 2.67 -0.01	22.95 2.42 -0.32	21.34 2.20 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.73 2.00 -6.47	37.93 2.28 -18.53	49.29 3.37 -17.81	89.24 4.07 -48.13	104.52 4.75 -54.12	133.87 4.66 -80.17	53.87 3.81 -7.76	39.47 3.77 -0.15	34.49 3.33 -0.01
WADING RIVER_IC_3 23601	38.62 3.56 -6.38	31.26 3.16 -3.38	28.81 3.06 -1.48	27.88 2.95 -1.16	29.56 3.05 -1.07	31.29 3.33 -0.47	32.07 3.33 0.00	30.98 3.15 -0.64	27.77 2.88 0.00	24.40 2.67 -0.01	22.95 2.42 -0.32	21.34 2.20 -0.80	20.86 2.01 -2.72	21.14 2.30 -0.30	21.49 1.61 -7.61	23.73 2.00 -6.47	37.93 2.28 -18.53	49.29 3.37 -17.81	89.24 4.07 -48.13	104.52 4.75 -54.12	133.87 4.66 -80.17	53.87 3.81 -7.76	39.47 3.77 -0.15	34.49 3.33 -0.01
WALDENNY_12_KV_BK2 80841	27.42 -1.64 -0.37	24.03 -1.24 -0.55	23.27 -1.24 -0.24	22.73 -1.24 -0.19	23.98 -1.63 -0.18	25.65 -1.92 -0.08	26.79 -1.95 0.00	24.93 -2.37 -0.11	22.89 -1.99 0.00	19.77 -1.95 0.00	18.26 -1.94 0.00	16.69 -1.78 -0.13	15.18 -1.39 -0.45	16.90 -1.67 -0.03	12.60 -0.81 -1.14	14.89 -1.05 -0.69	17.13 -1.15 -1.16	25.51 -2.67 -0.07	33.34 -3.70 0.00	41.40 -4.25 0.00	44.24 -4.81 0.00	38.41 -3.89 0.00	32.68 -2.88 0.00	29.03 -2.12 0.00
WALDEN___HYDRO 24148	32.65 1.81 -2.16	29.59 1.63 -3.24	27.27 1.58 -1.43	26.39 1.50 -1.11	28.02 1.55 -1.03	29.59 1.65 -0.44	30.41 1.67 0.00	29.44 1.63 -0.62	26.45 1.57 0.00	23.11 1.39 0.00	21.54 1.33 0.00	20.35 1.25 -0.77	19.93 1.18 -2.63	20.02 1.32 -0.15	19.89 0.93 -6.69	20.42 1.14 -4.02	25.21 1.30 -6.79	30.53 2.00 -0.42	39.56 2.52 0.00	48.57 2.92 0.00	51.84 2.80 0.00	44.54 2.24 0.00	37.37 1.81 0.00	32.73 1.59 0.00
WARRENSBURG____ 23737	32.79 1.26 -2.84	30.07 1.09 -4.27	27.19 1.04 -1.88	26.29 1.05 -1.46	27.94 1.14 -1.36	29.32 1.24 -0.58	29.98 1.24 0.00	29.06 1.06 -0.82	25.73 0.85 0.00	22.31 0.59 0.00	20.71 0.51 0.00	19.79 0.44 -1.01	19.91 0.32 -3.46	19.08 0.33 -0.20	21.29 0.22 -8.80	20.88 0.34 -5.29	26.50 0.45 -8.93	29.79 1.12 -0.56	38.71 1.67 0.00	47.75 2.10 0.00	51.20 2.16 0.00	44.12 1.82 0.00	37.09 1.53 0.00	32.36 1.21 0.00
WATERSIDE___6 8 9 23538	33.21 2.30 -2.23	30.17 2.10 -3.35	27.78 2.04 -1.48	26.88 1.95 -1.15	28.49 1.98 -1.07	29.93 1.98 -0.46	30.78 2.04 0.00	29.86 2.04 -0.64	26.90 2.02 0.00	23.61 1.89 0.00	22.04 1.84 0.00	20.89 1.76 -0.79	20.47 1.64 -2.71	23.56 1.87 -3.14	23.96 1.30 -10.39	24.05 1.59 -7.20	25.88 1.76 -6.99	27.78 2.61 2.95	38.54 3.04 1.55	49.15 3.51 0.01	52.23 3.19 0.00	44.27 2.58 0.61	37.62 2.06 0.00	33.04 1.90 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.52 -0.17 0.00	24.57 -0.15 0.00	24.10 -0.17 0.00	23.63 -0.14 0.00	25.31 -0.13 0.00	27.36 -0.14 0.00	28.60 -0.14 0.00	27.05 -0.14 0.00	24.76 -0.12 0.00	21.57 -0.15 0.00	20.06 -0.14 0.00	18.21 -0.13 0.00	16.01 -0.11 0.00	18.40 -0.15 0.00	12.20 -0.07 0.00	15.17 -0.09 0.00	17.03 -0.09 0.00	27.97 -0.14 0.00	36.90 -0.15 0.00	45.46 -0.18 0.00	48.80 -0.25 0.00	42.09 -0.21 0.00	35.38 -0.18 0.00	30.99 -0.16 0.00

WDELAWARE___HYD 323627	32.58 1.86 -2.03	29.43 1.66 -3.06	27.19 1.58 -1.35	26.35 1.52 -1.05	28.01 1.60 -0.97	29.68 1.76 -0.42	30.49 1.75 0.00	29.46 1.69 -0.58	26.40 1.52 0.00	23.02 1.30 0.00	21.43 1.23 0.00	20.20 1.14 -0.73	19.68 1.08 -2.48	19.88 1.19 -0.14	19.42 0.85 -6.30	20.10 1.05 -3.79	24.74 1.22 -6.40	30.42 1.91 -0.40	39.56 2.52 0.00	48.71 3.06 0.00	51.99 2.94 0.00	44.71 2.41 0.00	37.51 1.95 0.00	32.80 1.65 0.00
WEST BABYLON___IC 23714	38.66 3.24 -6.74	30.98 2.89 -3.37	28.57 2.81 -1.48	27.64 2.71 -1.16	29.31 2.80 -1.07	30.93 2.97 -0.47	31.79 3.05 0.00	30.68 2.85 -0.64	27.54 2.66 0.00	24.24 2.52 0.00	22.84 2.28 -0.35	21.23 2.09 -0.80	20.76 1.92 -2.72	21.08 2.21 -0.33	21.50 1.52 -7.71	23.87 1.86 -6.75	38.94 2.09 -19.74	48.12 3.06 -16.94	52.72 3.67 -12.00	56.84 4.29 -6.91	63.13 4.17 -9.91	48.65 3.38 -2.97	39.04 3.38 -0.10	34.15 2.99 -0.01
WEST CANADA___HYD 24049	28.80 0.12 0.00	24.81 0.10 0.00	24.36 0.10 0.00	23.87 0.10 0.00	25.54 0.10 0.00	27.61 0.11 0.00	28.86 0.12 0.00	27.27 0.08 0.00	24.96 0.07 0.00	21.76 0.04 0.00	20.24 0.04 0.00	18.39 0.06 0.00	16.17 0.05 0.00	18.58 0.04 0.00	12.32 0.05 0.00	15.32 0.06 0.00	17.19 0.07 0.00	28.22 0.11 0.00	37.16 0.11 0.00	45.78 0.14 0.00	49.14 0.10 0.00	42.34 0.04 0.00	35.60 0.04 0.00	31.18 0.03 0.00
WESTERN_NY_WIND 24143	28.03 -0.98 -0.31	24.52 -0.67 -0.47	23.75 -0.73 -0.21	23.23 -0.71 -0.16	24.54 -1.04 -0.15	26.32 -1.24 -0.06	27.33 -1.41 0.00	25.62 -1.66 -0.09	23.29 -1.59 0.00	19.98 -1.74 0.00	18.50 -1.70 0.00	16.98 -1.47 -0.11	15.36 -1.14 -0.38	17.09 -1.48 -0.02	12.61 -0.64 -0.98	15.01 -0.84 -0.59	17.20 -0.91 -0.99	26.01 -2.16 -0.06	34.04 -3.00 0.00	42.41 -3.24 0.00	45.56 -3.48 0.00	39.38 -2.92 0.00	33.46 -2.10 0.00	29.59 -1.56 0.00
WESTOVER___LESR 323668	29.51 0.09 -0.73	25.94 0.12 -1.10	24.87 0.12 -0.49	24.25 0.10 -0.38	25.81 0.03 -0.35	27.65 0.00 -0.15	28.77 0.03 0.00	27.26 -0.14 -0.21	24.81 -0.07 0.00	21.55 -0.17 0.00	20.00 -0.20 0.00	18.38 -0.22 -0.26	16.87 -0.15 -0.89	18.41 -0.19 -0.05	14.52 -0.02 -2.27	16.58 -0.05 -1.37	19.39 -0.03 -2.31	28.03 -0.22 -0.14	36.78 -0.26 0.00	45.51 -0.14 0.00	48.75 -0.29 0.00	42.01 -0.30 0.00	35.31 -0.25 0.00	30.99 -0.16 0.00
WETHRSFD_WT_PWR 323626	27.73 -1.38 -0.42	24.33 -1.01 -0.63	23.55 -1.00 -0.28	23.00 -1.00 -0.22	24.31 -1.32 -0.20	26.13 -1.46 -0.09	27.25 -1.50 0.00	25.68 -1.63 -0.12	23.09 -1.79 0.00	19.94 -1.78 0.00	18.40 -1.80 0.00	16.84 -1.65 -0.15	15.34 -1.29 -0.51	16.83 -1.74 -0.03	12.80 -0.77 -1.30	15.04 -1.01 -0.78	17.35 -1.10 -1.32	25.83 -2.36 -0.08	33.90 -3.15 0.00	42.27 -3.38 0.00	45.27 -3.78 0.00	39.17 -3.13 0.00	33.18 -2.38 0.00	29.34 -1.81 0.00
WHAVSTOR_138KV_BK127 55557	32.74 1.89 -2.16	29.69 1.73 -3.25	27.37 1.67 -1.43	26.48 1.59 -1.11	28.10 1.63 -1.03	29.64 1.70 -0.44	30.49 1.75 0.00	29.52 1.71 -0.62	26.57 1.69 0.00	23.26 1.54 0.00	21.72 1.52 0.00	20.54 1.43 -0.77	20.08 1.32 -2.63	20.27 1.52 -0.21	20.09 1.06 -6.77	20.66 1.30 -4.10	25.36 1.44 -6.80	30.72 2.19 -0.42	39.71 2.67 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.54 2.24 0.00	37.41 1.85 0.00	32.77 1.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.74 1.89 -2.16	29.69 1.73 -3.25	27.37 1.67 -1.43	26.48 1.59 -1.11	28.10 1.63 -1.03	29.64 1.70 -0.44	30.49 1.75 0.00	29.52 1.71 -0.62	26.57 1.69 0.00	23.26 1.54 0.00	21.72 1.52 0.00	20.54 1.43 -0.77	20.08 1.32 -2.63	20.27 1.52 -0.21	20.09 1.06 -6.77	20.66 1.30 -4.10	25.36 1.44 -6.80	30.72 2.19 -0.42	39.71 2.67 0.00	48.71 3.06 0.00	51.94 2.89 0.00	44.54 2.24 0.00	37.41 1.85 0.00	32.77 1.62 0.00
WHITEHAL_115KV_TB1 80871	32.96 1.43 -2.83	30.19 1.21 -4.26	27.33 1.19 -1.88	26.43 1.19 -1.46	28.09 1.30 -1.36	29.51 1.43 -0.58	30.15 1.41 0.00	29.20 1.20 -0.81	25.78 0.90 0.00	22.29 0.56 0.00	20.69 0.48 0.00	19.77 0.42 -1.01	19.85 0.27 -3.46	19.04 0.30 -0.20	21.24 0.18 -8.79	20.85 0.31 -5.28	26.47 0.43 -8.93	29.87 1.21 -0.56	38.97 1.93 0.00	48.16 2.51 0.00	51.69 2.65 0.00	44.46 2.16 0.00	37.37 1.81 0.00	32.58 1.43 0.00
WHITEPLN_13_KV_LOAD 356215	33.14 2.24 -2.22	30.05 2.00 -3.34	27.65 1.92 -1.47	26.75 1.83 -1.14	28.38 1.88 -1.06	29.93 1.98 -0.45	30.78 2.04 0.00	29.84 2.01 -0.64	26.82 1.94 0.00	23.48 1.76 0.00	21.94 1.74 0.00	20.76 1.63 -0.79	20.34 1.52 -2.71	20.53 1.74 -0.24	20.48 1.21 -7.00	21.00 1.48 -4.26	25.77 1.66 -6.99	31.07 2.53 -0.44	40.23 3.19 0.00	49.21 3.56 0.00	52.58 3.53 0.00	45.05 2.75 0.00	37.84 2.28 0.00	33.14 1.99 0.00
WM_FLOYD_69_KV_BK2 356380	38.63 3.56 -6.39	31.26 3.16 -3.38	28.81 3.06 -1.48	27.88 2.95 -1.16	29.56 3.05 -1.07	31.24 3.27 -0.47	32.08 3.33 0.00	30.93 3.10 -0.64	27.74 2.86 0.00	24.39 2.67 0.00	22.93 2.40 -0.32	21.32 2.18 -0.80	20.86 2.02 -2.72	21.16 2.32 -0.30	21.48 1.60 -7.61	23.72 1.98 -6.48	37.94 2.26 -18.56	49.33 3.32 -17.91	90.17 4.04 -49.09	105.67 4.70 -55.32	135.59 4.61 -81.93	53.95 3.76 -7.89	39.48 3.77 -0.15	34.46 3.30 -0.01
WOODARD___115KV_TB2 355635	28.60 -0.29 -0.19	24.78 -0.22 -0.29	24.15 -0.24 -0.13	23.62 -0.26 -0.10	25.22 -0.31 -0.09	27.21 -0.33 -0.04	28.40 -0.34 0.00	26.83 -0.41 -0.06	24.48 -0.40 0.00	21.29 -0.43 0.00	19.78 -0.42 0.00	18.02 -0.39 -0.07	16.05 -0.31 -0.24	18.17 -0.39 -0.01	12.69 -0.18 -0.60	15.39 -0.23 -0.36	17.48 -0.26 -0.61	27.61 -0.53 -0.04	36.27 -0.78 0.00	44.78 -0.87 0.00	48.07 -0.98 0.00	41.46 -0.85 0.00	34.81 -0.75 0.00	30.55 -0.59 0.00
WOODMERE_69_KV_BK1 55827	39.97 2.81 -8.47	30.62 2.52 -3.38	28.25 2.50 -1.49	27.36 2.43 -1.16	29.03 2.52 -1.08	30.58 2.61 -0.47	31.47 2.73 0.00	30.41 2.58 -0.64	27.34 2.46 0.00	24.05 2.32 0.00	22.82 2.10 -0.52	21.13 1.98 -0.81	20.65 1.81 -2.73	21.10 2.06 -0.50	21.90 1.41 -8.22	25.06 1.71 -8.09	44.71 1.90 -25.68	55.00 2.81 -24.08	49.48 3.41 -9.03	49.72 3.97 -0.10	52.93 3.83 -0.06	48.73 3.09 -3.34	38.62 2.92 -0.14	33.78 2.62 -0.01
YORK___WARBASSE 23770	33.36 2.44 -2.23	30.29 2.22 -3.35	27.91 2.16 -1.48	26.98 2.04 -1.15	28.62 2.11 -1.07	30.04 2.09 -0.46	30.90 2.16 0.00	29.92 2.09 -0.64	26.92 2.04 0.00	23.63 1.91 0.00	22.08 1.88 0.00	20.93 1.80 -0.79	20.56 1.69 -2.74	23.58 1.89 -3.14	29.96 1.31 -16.37	35.59 1.62 -18.72	25.96 1.78 -7.06	54.89 2.67 -24.12	50.98 3.11 -10.82	49.31 3.61 -0.06	52.33 3.29 0.00	49.27 2.67 -4.30	37.69 2.10 -0.03	33.19 2.02 -0.02