

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								08/17/2023		
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		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
24138		25.70	23.91	22.71	22.24	22.24	22.75	25.43	25.92	27.51	27.75	29.83	31.31	31.54	33.57	36.30	36.80	47.90	52.58	44.07	38.36	34.10	31.21	28.18	25.54			
		1.70	1.65	1.35	1.27	1.25	1.23	1.42	1.70	2.09	2.49	2.56	2.60	2.81	2.92	3.05	3.19	3.45	3.50	3.43	2.83	2.39	2.53	2.40	1.68			
		-1.01	0.00	-2.00	-2.88	-2.90	-3.66	-4.33	-3.49	-2.26	-0.32	-1.68	-2.68	-0.30	-0.24	-0.51	-0.36	-9.99	-13.41	-4.57	-3.75	-2.85	0.00	-0.58	-3.07			
74TH STREET_GT_1		25.75	23.93	22.75	22.26	22.27	22.77	25.43	25.90	27.51	27.75	29.85	31.31	31.54	33.57	36.27	36.77	47.90	52.54	44.07	38.36	34.13	31.33	28.28	25.56			
24260		1.75	1.67	1.39	1.28	1.28	1.25	1.42	1.68	2.08	2.49	2.58	2.60	2.81	2.92	3.01	3.16	3.45	3.46	3.43	2.83	2.42	2.64	2.50	1.70			
		-1.01	0.00	-2.00	-2.88	-2.90	-3.66	-4.33	-3.49	-2.26	-0.32	-1.68	-2.68	-0.30	-0.24	-0.51	-0.36	-9.99	-13.41	-4.57	-3.75	-2.85	0.00	-0.58	-3.07			
74TH STREET_GT_2		25.75	23.93	22.75	22.26	22.27	22.77	25.43	25.90	27.51	27.75	29.85	31.31	31.54	33.57	36.27	36.77	47.90	52.54	44.07	38.36	34.13	31.33	28.28	25.56			
24261		1.75	1.67	1.39	1.28	1.28	1.25	1.42	1.68	2.08	2.49	2.58	2.60	2.81	2.92	3.01	3.16	3.45	3.46	3.43	2.83	2.42	2.64	2.50	1.70			
		-1.01	0.00	-2.00	-2.88	-2.90	-3.66	-4.33	-3.49	-2.26	-0.32	-1.68	-2.68	-0.30	-0.24	-0.51	-0.36	-9.99	-13.41	-4.57	-3.75	-2.85	0.00	-0.58	-3.07			
ADK HUDSON___FALLS		26.23	24.04	23.51	23.30	23.31	24.15	27.05	27.06	28.15	27.63	30.09	31.20	30.73	32.77	34.91	35.73	47.33	53.20	51.17	46.73	40.90	31.64	28.39	26.68			
24011		1.89	1.78	1.49	1.37	1.36	1.41	1.59	1.68	1.97	2.27	2.28	2.37	2.56	2.65	2.78	2.93	2.96	3.14	3.32	3.02	2.97	2.96	2.42	1.81			
		-1.35	0.00	-2.66	-3.84	-3.87	-4.87	-5.77	-4.65	-3.01	-0.43	-2.22	-2.81	0.25	0.29	0.62	0.44	-9.90	-14.40	-11.77	-11.93	-9.07	0.00	-0.77	-4.09			
ADK RESOURCE___RCVRY		26.43	24.22	23.66	23.45	23.47	24.29	27.25	27.31	28.40	27.93	30.40	31.51	31.08	33.14	35.30	36.14	47.73	53.65	51.64	47.18	41.33	32.04	28.67	26.91			
23798		2.09	1.96	1.64	1.52	1.52	1.55	1.79	1.93	2.22	2.57	2.58	2.68	2.90	3.01	3.18	3.32	3.34	3.57	3.75	3.43	3.37	3.36	2.70	2.04			
		-1.35	0.00	-2.66	-3.84	-3.87	-4.88	-5.77	-4.66	-3.02	-0.43	-2.23	-2.81	0.24	0.28	0.61	0.44	-9.92	-14.42	-11.81	-11.96	-9.09	0.00	-0.77	-4.10			
ADK S GLENS___FALLS		26.23	24.04	23.51	23.30	23.31	24.15	27.05	27.06	28.15	27.63	30.09	31.20	30.73	32.77	34.91	35.73	47.33	53.20	51.17	46.73	40.90	31.64	28.39	26.68			
24028		1.89	1.78	1.49	1.37	1.36	1.41	1.59	1.68	1.97	2.27	2.28	2.37	2.56	2.65	2.78	2.93	2.96	3.14	3.32	3.02	2.97	2.96	2.42	1.81			
		-1.35	0.00	-2.66	-3.84	-3.87	-4.87	-5.77	-4.65	-3.01	-0.43	-2.22	-2.81	0.25	0.29	0.62	0.44	-9.90	-14.40	-11.77	-11.93	-9.07	0.00	-0.77	-4.09			
ADK_NYS___DAM		25.62	23.55	23.01	22.78	22.82	23.59	26.30	26.25	27.30	26.76	29.17	29.98	29.52	31.50	33.22	34.25	44.13	49.74	46.67	43.16	37.80	30.35	27.45	25.87			
23527		1.33	1.29	1.10	1.01	1.03	1.05	1.08	1.06	1.25	1.42	1.46	1.48	1.62	1.67	1.73	1.89	1.89	2.03	2.06	1.78	1.64	1.66	1.51	1.16			
		-1.30	0.00	-2.55	-3.68	-3.71	-4.67	-5.53	-4.46	-2.89	-0.41	-2.12	-2.48	0.52	0.58	1.26	0.89	-7.76	-12.04	-8.54	-9.60	-7.30	0.00	-0.74	-3.93			
AIR_PRODUCTS___DRP		24.84	22.77	22.36	22.21	22.21	22.97	25.70	25.67	26.65	26.07	28.50	29.54	29.10	31.08	33.13	33.90	45.22	50.82	44.96	40.79	35.81	29.55	26.73	25.24			
24190		0.55	0.51	0.45	0.42	0.40	0.41	0.45	0.46	0.58	0.72	0.77	0.78	0.88	0.91	0.92	1.03	1.03	1.11	1.08	0.95	0.84	0.86	0.78	0.52			
		-1.30	0.00	-2.56	-3.70	-3.73	-4.70	-5.56	-4.48	-2.90	-0.42	-2.14	-2.73	0.21	0.24	0.53	0.38	-9.71	-14.05	-7.80	-8.05	-6.12	0.00	-0.74	-3.95			
AKWESSNE_115KV_BK		22.55	21.82	18.95	17.73	17.72	17.47	19.27	20.46	22.75	24.48	25.13	25.55	27.85	29.86	32.12	32.48	33.75	34.81	35.32	31.15	28.17	27.91	24.50	20.18			
355683		-0.44	-0.45	-0.41	-0.36	-0.36	-0.39	-0.41	-0.27	-0.42	-0.45	-0.46	-0.47	-0.57	-0.55	-0.62	-0.76	-0.72	-0.86	-0.76	-0.64	-0.69	-0.77	-0.71	-0.60			
		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		24.84	22.77	22.36	22.21	22.21	22.97	25.70	25.67	26.65	26.07	28.50	29.54	29.10	31.08	33.13	33.90	45.22	50.82	44.96	40.79	35.81	29.55	26.73	25.24			
23571		0.55	0.51	0.45	0.42	0.40	0.41	0.45	0.46	0.58	0.72	0.77	0.78	0.88	0.91	0.92	1.03	1.03	1.11	1.08	0.95	0.84	0.86	0.78	0.52			
		-1.30	0.00	-2.56	-3.70	-3.73	-4.70	-5.56	-4.48	-2.90	-0.42	-2.14	-2.73	0.21	0.24	0.53	0.38	-9.71	-14.05	-7.80	-8.05	-6.12	0.00	-0.74	-3.95			
ALBANY___2		24.84	22.77	22.36	22.21	22.21	22.97	25.70	25.67	26.65	26.07	28.50	29.54	29.10	31.08	33.13	33.90	45.22	50.82	44.96	40.79	35.81	29.55	26.73	25.24			
23572		0.55	0.51	0.45	0.42	0.40	0.41	0.45	0.46	0.58	0.72	0.77	0.78	0.88	0.91	0.92	1.03	1.03	1.11	1.08	0.95	0.84	0.86	0.78	0.52			
		-1.30	0.00	-2.56	-3.70	-3.73	-4.70	-5.56	-4.48	-2.90	-0.42	-2.14	-2.73	0.21	0.24	0.53	0.38	-9.71	-14.05	-7.80	-8.05	-6.12	0.00	-0.74	-3.95			
ALBANY___3		24.84	22.77	22.36	22.21	22.21	22.97	25.70	25.67	26.65	26.07	28.50	29.54	29.10	31.08	33.13	33.90	45.22	50.82	44.96	40.79	35.81	29.55	26.73	25.24			
23573		0.55	0.51	0.45	0.42	0.40	0.41	0.45	0.46	0.58	0.72	0.77	0.78	0.88	0.91	0.92	1.03	1.03	1.11	1.08	0.95	0.84	0.86	0.78	0.52			
		-1.30	0.00	-2.56	-3.70	-3.73	-4.70	-5.56	-4.48	-2.90	-0.42	-2.14	-2.73	0.21	0.24	0.53	0.38	-9.71	-14.05	-7.80	-8.05	-6.12	0.00	-0.74	-3.95			

ALBANY___4 23574	24.84 0.55 -1.30	22.77 0.51 0.00	22.36 0.45 -2.56	22.21 0.42 -3.70	22.21 0.40 -3.73	22.97 0.41 -4.70	25.70 0.45 -5.56	25.67 0.46 -4.48	26.65 0.58 -2.90	26.07 0.72 -0.42	28.50 0.77 -2.14	29.54 0.78 -2.73	29.10 0.88 0.21	31.08 0.91 0.24	33.13 0.92 0.53	33.90 1.03 0.38	45.22 1.03 -9.71	50.82 1.11 -14.05	44.96 1.08 -7.80	40.79 0.95 -8.05	35.81 0.84 -6.12	29.55 0.86 0.00	26.73 0.78 -0.74	25.24 0.52 -3.95
ALBANY___LFGE 323615	25.11 0.80 -1.32	23.02 0.76 0.00	22.58 0.64 -2.59	22.43 0.60 -3.74	22.45 0.60 -3.76	23.20 0.59 -4.75	25.95 0.65 -5.62	25.94 0.68 -4.53	26.93 0.83 -2.93	26.37 1.02 -0.42	28.80 1.05 -2.17	29.89 1.12 -2.75	29.42 1.22 0.22	31.45 1.31 0.26	33.48 1.31 0.57	34.27 1.43 0.41	45.64 1.45 -9.72	51.30 1.53 -14.10	46.54 1.52 -8.94	42.30 1.33 -9.18	37.02 1.18 -6.98	29.89 1.20 0.00	27.01 1.06 -0.75	25.51 0.75 -3.99
ALCOA_PA_115KV_PL-6C 55860	22.55 -0.44 0.00	21.82 -0.45 0.00	18.97 -0.39 0.00	17.73 -0.36 0.00	17.74 -0.34 0.00	17.47 -0.39 0.00	19.27 -0.41 0.00	20.48 -0.25 0.00	22.75 -0.42 0.00	24.51 -0.42 0.00	25.13 -0.46 0.00	25.58 -0.44 0.00	27.91 -0.51 0.00	29.92 -0.49 0.00	32.19 -0.56 0.00	32.48 -0.76 0.00	33.78 -0.69 0.00	34.84 -0.82 0.00	35.36 -0.72 0.00	31.21 -0.57 0.00	28.19 -0.66 0.00	27.91 -0.77 0.00	24.50 -0.71 0.00	20.16 -0.62 0.00
ALCOA_RYNLDS___DRP 24188	22.55 -0.44 0.00	21.82 -0.45 0.00	18.97 -0.39 0.00	17.73 -0.36 0.00	17.74 -0.34 0.00	17.47 -0.39 0.00	19.27 -0.41 0.00	20.48 -0.25 0.00	22.75 -0.42 0.00	24.51 -0.42 0.00	25.13 -0.46 0.00	25.58 -0.44 0.00	27.91 -0.51 0.00	29.92 -0.49 0.00	32.19 -0.56 0.00	32.48 -0.76 0.00	33.78 -0.69 0.00	34.84 -0.82 0.00	35.36 -0.72 0.00	31.21 -0.57 0.00	28.19 -0.66 0.00	27.91 -0.77 0.00	24.50 -0.71 0.00	20.16 -0.62 0.00
ALCOA___DSASP 323711	22.55 -0.44 0.00	21.82 -0.45 0.00	18.97 -0.39 0.00	17.73 -0.36 0.00	17.74 -0.34 0.00	17.47 -0.39 0.00	19.27 -0.41 0.00	20.42 -0.31 0.00	22.75 -0.42 0.00	24.51 -0.42 0.00	25.13 -0.46 0.00	25.58 -0.44 0.00	27.91 -0.51 0.00	29.92 -0.49 0.00	32.18 -0.56 0.00	32.48 -0.76 0.00	33.74 -0.73 0.00	34.85 -0.82 0.00	35.36 -0.72 0.00	31.21 -0.57 0.00	28.20 -0.66 0.00	27.92 -0.77 0.00	24.50 -0.71 0.00	20.16 -0.62 0.00
ALLEGHENY___COGEN 23514	24.12 0.97 -0.16	23.31 1.05 0.00	20.45 0.78 -0.32	19.26 0.70 -0.47	19.26 0.70 -0.47	19.19 0.73 -0.59	21.04 0.65 -0.70	21.56 0.27 -0.56	23.55 0.02 -0.37	24.76 -0.22 -0.05	25.58 -0.28 -0.27	26.04 -0.34 -0.36	28.17 -0.26 0.00	30.08 -0.33 0.00	32.48 -0.26 0.00	33.55 0.30 0.00	36.01 0.14 -1.40	38.01 0.39 -1.95	37.19 0.47 -0.65	33.35 0.95 -0.62	30.71 1.39 -0.47	30.30 1.61 0.00	26.46 1.16 -0.09	22.48 1.20 -0.50
ALTAMONT_115KV_TB 2 55880	25.12 0.83 -1.30	23.09 0.82 0.00	22.62 0.70 -2.56	22.44 0.65 -3.70	22.46 0.65 -3.73	23.20 0.64 -4.70	25.95 0.71 -5.56	25.92 0.70 -4.48	26.92 0.86 -2.90	26.37 1.02 -0.42	28.78 1.05 -2.15	29.90 1.09 -2.78	29.47 1.19 0.14	31.48 1.25 0.17	33.64 1.28 0.38	34.38 1.40 0.27	46.03 1.45 -10.12	51.62 1.50 -14.46	44.72 1.52 -7.13	40.34 1.33 -7.22	35.53 1.18 -5.49	29.92 1.23 0.00	27.03 1.08 -0.74	25.51 0.79 -3.95
ALTONA_WT_PWR 323606	23.13 0.14 0.00	22.35 0.09 0.00	19.37 0.02 0.00	18.11 0.02 0.00	18.14 0.05 0.00	17.86 0.00 0.00	19.77 0.08 0.00	20.98 0.25 0.00	23.37 0.21 0.00	25.13 0.20 0.00	25.82 0.23 0.00	26.21 0.18 0.00	28.51 0.09 0.00	30.56 0.15 0.00	32.97 0.23 0.00	32.68 -0.57 0.00	33.81 -0.66 0.00	34.67 -1.00 0.00	35.57 -0.51 0.00	31.66 -0.13 0.00	28.34 -0.52 0.00	27.86 -0.83 0.00	24.22 -0.98 0.00	19.82 -0.96 0.00
AMERICAN_REF_FUEL 24010	22.40 -0.74 -0.15	21.57 -0.69 0.00	18.97 -0.68 -0.29	17.84 -0.67 -0.42	17.86 -0.65 -0.42	17.86 -0.54 -0.53	19.43 -0.89 -0.63	19.97 -1.27 -0.51	21.92 -1.58 -0.33	23.21 -1.77 -0.05	23.99 -1.84 -0.24	24.52 -1.82 -0.32	26.43 -1.99 0.00	28.25 -2.16 0.00	30.51 -2.23 0.00	31.05 -2.20 0.00	32.87 -2.86 -1.26	34.71 -2.71 -1.76	33.73 -2.92 -0.57	30.20 -2.13 -0.54	27.86 -1.41 -0.41	27.77 -0.92 0.00	24.33 -0.96 -0.08	20.83 -0.40 -0.45
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.34 0.18 -0.17	22.71 0.45 0.00	19.68 0.00 -0.33	18.47 -0.09 -0.47	18.36 -0.20 -0.47	18.39 -0.07 -0.60	20.04 -0.35 -0.71	20.66 -0.64 -0.57	22.79 -0.74 -0.37	24.13 -0.85 -0.05	25.02 -0.84 -0.27	25.45 -0.94 -0.36	27.68 -0.74 0.00	29.71 -0.70 0.00	32.05 -0.69 0.00	32.61 -0.63 0.00	34.43 -1.45 -1.41	36.46 -1.18 -1.97	35.80 -0.94 -0.66	32.09 -0.32 -0.62	29.50 0.17 -0.47	29.21 0.52 0.00	25.20 -0.10 -0.09	21.47 0.19 -0.50
ARTHUR_KILL_GT_1 23520	25.83 1.82 -1.02	23.95 1.69 0.00	22.69 1.33 -2.00	22.20 1.23 -2.88	22.20 1.21 -2.90	22.59 1.07 -3.66	25.24 1.22 -4.33	25.76 1.53 -3.49	27.34 1.92 -2.25	30.87 2.37 -3.57	29.72 2.43 -1.70	31.14 2.45 -2.67	31.36 2.64 -0.29	33.38 2.74 -0.23	36.03 2.78 -0.50	36.56 2.96 -0.36	47.66 3.21 -9.98	52.28 3.21 -13.41	43.85 3.21 -4.56	38.26 2.73 -3.74	34.06 2.37 -2.84	31.33 2.61 -0.03	31.51 2.52 -3.79	25.64 1.77 -3.09
ARTHUR_KILL_2 23512	25.76 1.75 -1.02	23.89 1.62 0.00	22.65 1.30 -2.00	22.15 1.18 -2.88	22.15 1.16 -2.90	22.56 1.04 -3.66	25.18 1.16 -4.33	25.70 1.47 -3.49	27.27 1.85 -2.25	30.79 2.29 -3.57	29.64 2.35 -1.70	31.06 2.37 -2.67	31.24 2.53 -0.29	33.25 2.62 -0.23	35.93 2.69 -0.50	36.43 2.82 -0.36	47.52 3.07 -9.98	52.10 3.03 -13.41	43.67 3.03 -4.56	38.10 2.57 -3.74	33.95 2.25 -2.84	31.21 2.49 -0.03	31.41 2.42 -3.79	25.57 1.70 -3.09
ARTHUR_KILL_3 23513	25.48 1.47 -1.01	23.67 1.40 0.00	22.49 1.14 -2.00	22.04 1.07 -2.88	22.04 1.05 -2.90	22.56 1.04 -3.66	25.22 1.20 -4.33	25.70 1.47 -3.49	27.23 1.81 -2.26	30.72 2.22 -3.58	29.55 2.28 -1.69	30.99 2.29 -2.68	31.19 2.47 -0.30	33.17 2.52 -0.24	35.81 2.56 -0.51	36.30 2.69 -0.36	47.39 2.93 -9.99	52.04 2.96 -13.41	43.57 2.92 -4.57	37.92 2.39 -3.75	33.72 2.02 -2.85	30.99 2.27 -0.04	31.19 2.19 -3.80	25.34 1.48 -3.08
ARTHUR_KILL_COGEN 323718	25.83 1.82 -1.02	23.95 1.69 0.00	22.69 1.33 -2.00	22.20 1.23 -2.88	22.20 1.21 -2.90	22.59 1.07 -3.66	25.24 1.22 -4.33	25.76 1.53 -3.49	27.34 1.92 -2.25	30.87 2.37 -3.57	29.72 2.43 -1.70	31.14 2.45 -2.67	31.36 2.64 -0.29	33.38 2.74 -0.23	36.03 2.78 -0.50	36.56 2.96 -0.36	47.66 3.21 -9.98	52.28 3.21 -13.41	43.85 3.21 -4.56	38.26 2.73 -3.74	34.06 2.37 -2.84	31.33 2.61 -0.03	31.51 2.52 -3.79	25.64 1.77 -3.09
ASHOKAN____ 23654	24.64 0.51 -1.15	23.40 1.13 0.00	21.98 0.37 -2.26	21.70 0.34 -3.27	21.75 0.38 -3.29	22.35 0.34 -4.14	25.04 0.45 -4.90	25.04 0.35 -3.96	26.24 0.51 -2.57	25.99 0.70 -0.37	28.10 0.61 -1.90	29.98 1.40 -2.55	30.65 2.22 -0.01	32.81 2.40 0.00	35.10 2.36 0.00	35.81 2.56 0.00	47.01 2.72 -9.81	52.24 2.93 -13.65	43.37 1.37 -5.92	38.66 1.24 -5.63	34.24 1.10 -4.28	30.47 1.78 0.00	26.69 0.83 -0.66	24.68 0.42 -3.48

ASTORIA_EAST_ENERGY_CC1 323581	25.66 1.66 -1.01	23.80 1.53 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.07 1.09 -2.90	22.48 0.96 -3.65	25.13 1.12 -4.32	25.64 1.43 -3.49	27.23 1.81 -2.25	27.46 2.22 -0.32	29.57 2.30 -1.67	31.03 2.32 -2.69	31.19 2.47 -0.29	33.19 2.55 -0.23	35.80 2.56 -0.50	36.30 2.69 -0.36	47.42 2.96 -9.99	51.96 2.89 -13.41	43.53 2.89 -4.56	37.91 2.39 -3.74	33.78 2.08 -2.84	31.04 2.35 0.00	28.06 2.27 -0.59	25.48 1.62 -3.07
ASTORIA_EAST_ENERGY_CC2 323582	25.66 1.66 -1.01	23.80 1.53 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.07 1.09 -2.90	22.48 0.96 -3.65	25.13 1.12 -4.32	25.64 1.43 -3.49	27.23 1.81 -2.25	27.46 2.22 -0.32	29.57 2.30 -1.67	31.03 2.32 -2.69	31.19 2.47 -0.29	33.19 2.55 -0.23	35.80 2.56 -0.50	36.30 2.69 -0.36	47.42 2.96 -9.99	51.96 2.89 -13.41	43.53 2.89 -4.56	37.91 2.39 -3.74	33.78 2.08 -2.84	31.04 2.35 0.00	28.06 2.27 -0.59	25.48 1.62 -3.07
ASTORIA_GT2_1 24094	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT2_2 24095	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT2_3 24096	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT2_4 24097	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT3_1 24098	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT3_2 24099	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT3_3 24100	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT3_4 24101	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT4_1 24102	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT4_2 24103	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT4_3 24104	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT4_4 24105	25.66 1.66 -1.01	23.80 1.54 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.11 1.12 -2.90	22.50 0.98 -3.66	25.16 1.14 -4.33	25.63 1.41 -3.49	27.23 1.81 -2.26	27.49 2.24 -0.32	29.60 2.33 -1.68	31.06 2.34 -2.69	31.22 2.50 -0.30	33.20 2.55 -0.24	35.84 2.59 -0.51	36.34 2.73 -0.36	47.46 3.00 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.07 2.38 0.00	28.06 2.27 -0.59	25.47 1.62 -3.07
ASTORIA_GT_1 23523	25.70 1.70 -1.01	23.84 1.58 0.00	22.61 1.26 -2.00	22.09 1.12 -2.88	22.11 1.12 -2.90	22.53 1.02 -3.65	25.19 1.18 -4.32	25.71 1.49 -3.49	27.29 1.88 -2.25	27.54 2.29 -0.32	29.64 2.38 -1.67	31.13 2.42 -2.69	31.27 2.56 -0.29	33.28 2.64 -0.23	35.90 2.65 -0.50	36.40 2.79 -0.36	47.52 3.07 -9.99	52.07 3.00 -13.41	43.63 2.99 -4.56	38.00 2.48 -3.74	33.86 2.17 -2.84	31.13 2.44 0.00	28.13 2.34 -0.59	25.54 1.68 -3.07

ASTORIA_GT_10 24110	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	28.66 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
ASTORIA_GT_11 24225	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	28.66 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
ASTORIA_GT_12 24226	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	28.66 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
ASTORIA_GT_13 24227	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	28.66 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
ASTORIA_GT_5 24106	25.70 1.70 -1.01	23.84 1.58 0.00	22.61 1.26 -2.00	22.09 1.12 -2.88	22.11 1.12 -2.90	22.53 1.02 -3.65	25.19 1.18 -4.32	25.71 1.49 -3.49	27.29 1.88 -2.25	27.54 2.29 -0.32	29.64 2.38 -1.67	31.13 2.42 -2.69	31.27 2.56 -0.29	33.28 2.64 -0.23	35.90 2.65 -0.50	36.40 2.79 -0.36	47.52 3.07 -9.99	52.07 3.00 -13.41	43.63 2.99 -4.56	38.00 2.48 -3.74	33.86 2.17 -2.84	31.13 2.44 0.00	28.13 2.34 -0.59	25.54 1.68 -3.07
ASTORIA_GT_7 24107	25.70 1.70 -1.01	23.84 1.58 0.00	22.61 1.26 -2.00	22.09 1.12 -2.88	22.11 1.12 -2.90	22.53 1.02 -3.65	25.19 1.18 -4.32	25.71 1.49 -3.49	27.29 1.88 -2.25	27.54 2.29 -0.32	29.64 2.38 -1.67	31.13 2.42 -2.69	31.27 2.56 -0.29	33.28 2.64 -0.23	35.90 2.65 -0.50	36.40 2.79 -0.36	47.52 3.07 -9.99	52.07 3.00 -13.41	43.63 2.99 -4.56	38.00 2.48 -3.74	33.86 2.17 -2.84	31.13 2.44 0.00	28.13 2.34 -0.59	25.54 1.68 -3.07
ASTORIA_GT_8 24108	25.70 1.70 -1.01	23.84 1.58 0.00	22.61 1.26 -2.00	22.09 1.12 -2.88	22.15 1.16 -2.90	22.54 1.02 -3.66	25.20 1.18 -4.33	25.70 1.47 -3.49	27.30 1.88 -2.26	27.54 2.29 -0.32	29.65 2.38 -1.68	31.13 2.42 -2.69	31.28 2.56 -0.30	33.29 2.65 -0.24	35.91 2.65 -0.51	36.40 2.79 -0.36	47.56 3.10 -9.99	52.07 3.00 -13.41	43.64 2.99 -4.57	38.01 2.48 -3.75	33.87 2.16 -2.85	31.13 2.44 0.00	28.13 2.34 -0.59	25.52 1.66 -3.07
ASTORIA___2 24149	25.66 1.66 -1.01	23.80 1.53 0.00	22.57 1.22 -2.00	22.06 1.09 -2.88	22.07 1.09 -2.90	22.50 0.98 -3.65	25.15 1.14 -4.32	25.64 1.43 -3.49	27.23 1.81 -2.25	27.49 2.24 -0.32	29.59 2.33 -1.67	31.06 2.34 -2.69	31.22 2.50 -0.29	33.19 2.55 -0.23	35.80 2.56 -0.50	36.33 2.73 -0.36	47.45 3.00 -9.99	52.00 2.93 -13.41	43.56 2.92 -4.56	37.94 2.41 -3.74	33.80 2.11 -2.84	31.07 2.38 0.00	28.06 2.27 -0.59	25.48 1.62 -3.07
ASTORIA___3 23516	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.78 1.56 -3.49	27.35 1.92 -2.26	28.67 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.11 3.03 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.16 2.47 0.00	28.19 2.40 -0.59	25.48 1.62 -3.07
ASTORIA___4 23517	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	28.66 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.11 3.03 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
ASTORIA___5 23518	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.78 1.56 -3.49	27.35 1.92 -2.26	28.67 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.16 2.47 0.00	28.19 2.40 -0.59	25.48 1.62 -3.07
AST_ENERGY_2_CC3 323677	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.28 1.26 -4.33	25.76 1.53 -3.49	27.30 1.88 -2.26	27.52 2.27 -0.32	29.60 2.33 -1.68	31.05 2.34 -2.68	31.25 2.53 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.04 2.35 0.00	28.05 2.27 -0.58	25.39 1.54 -3.07
AST_ENERGY_2_CC4 323678	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.28 1.26 -4.33	25.76 1.53 -3.49	27.30 1.88 -2.26	27.52 2.27 -0.32	29.60 2.33 -1.68	31.05 2.34 -2.68	31.25 2.53 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.04 2.35 0.00	28.05 2.27 -0.58	25.39 1.54 -3.07
ATHENS_STG_1 23668	25.12 0.99 -1.15	23.24 0.98 0.00	22.46 0.85 -2.26	22.12 0.78 -3.26	22.14 0.78 -3.28	22.76 0.77 -4.13	25.42 0.85 -4.89	25.54 0.87 -3.94	26.78 1.07 -2.55	26.57 1.27 -0.37	28.79 1.30 -1.89	29.99 1.33 -2.64	29.96 1.45 -0.09	32.00 1.52 -0.07	34.47 1.57 -0.16	35.05 1.69 -0.11	46.40 1.76 -10.18	51.47 1.78 -14.02	42.25 1.80 -4.37	37.32 1.56 -3.97	33.24 1.36 -3.02	30.12 1.43 0.00	27.17 1.31 -0.65	25.19 0.94 -3.47
ATHENS_STG_2 23670	25.12 0.99 -1.15	23.24 0.98 0.00	22.46 0.85 -2.26	22.12 0.78 -3.26	22.14 0.78 -3.28	22.76 0.77 -4.13	25.42 0.85 -4.89	25.54 0.87 -3.94	26.78 1.07 -2.55	26.57 1.27 -0.37	28.79 1.30 -1.89	29.99 1.33 -2.64	29.96 1.45 -0.09	32.00 1.52 -0.07	34.47 1.57 -0.16	35.05 1.69 -0.11	46.40 1.76 -10.18	51.47 1.78 -14.02	42.25 1.80 -4.37	37.32 1.56 -3.97	33.24 1.36 -3.02	30.12 1.43 0.00	27.17 1.31 -0.65	25.19 0.94 -3.47

ATHENS_STG_3 23677	25.12 0.99 -1.15	23.24 0.98 0.00	22.46 0.85 -2.26	22.12 0.78 -3.26	22.14 0.78 -3.28	22.76 0.77 -4.13	25.42 0.85 -4.89	25.54 0.87 -3.94	26.78 1.07 -2.55	26.57 1.27 -0.37	28.79 1.30 -1.89	29.99 1.33 -2.64	29.96 1.45 -0.09	32.00 1.52 -0.07	34.47 1.57 -0.16	35.05 1.69 -0.11	46.40 1.76 -10.18	51.47 1.78 -14.02	42.25 1.80 -4.37	37.32 1.56 -3.97	33.24 1.36 -3.02	30.12 1.43 0.00	27.17 1.31 -0.65	25.19 0.94 -3.47
AUBURN____LFGE 323710	23.53 0.41 -0.12	22.71 0.45 0.00	19.96 0.37 -0.24	18.80 0.36 -0.35	18.78 0.34 -0.35	18.66 0.36 -0.44	20.66 0.45 -0.52	21.46 0.31 -0.42	23.92 0.49 -0.27	25.34 0.37 -0.04	26.30 0.51 -0.20	26.71 0.42 -0.27	28.99 0.57 0.00	30.99 0.58 0.00	33.53 0.79 0.00	34.08 0.83 0.00	36.34 0.83 -1.04	38.05 0.93 -1.46	37.48 0.94 -0.46	32.99 0.76 -0.44	30.06 0.87 -0.34	29.55 0.86 0.00	25.90 0.63 -0.07	21.77 0.62 -0.37
BABYLON_RES_REC 323704	33.54 2.30 -8.25	28.91 2.25 -4.40	26.56 1.88 -5.33	22.75 1.75 -2.91	23.98 1.74 -4.15	27.79 1.72 -8.21	28.69 1.93 -7.07	31.40 2.18 -8.50	33.31 2.53 -7.62	34.52 2.87 -6.72	33.76 2.81 -5.35	35.37 2.84 -6.51	36.24 3.15 -4.67	36.82 3.26 -3.15	40.81 3.14 -4.93	46.10 3.12 -9.72	51.53 3.34 -13.71	55.28 3.46 -16.16	47.67 3.46 -8.13	43.89 3.05 -9.05	39.75 2.71 -8.18	36.60 3.18 -4.72	35.66 2.92 -7.53	35.56 2.12 -12.66
BABYLON__69_KV_BK2 356345	33.86 2.62 -8.25	29.22 2.56 -4.40	26.83 2.15 -5.33	23.00 2.01 -2.91	24.23 1.99 -4.15	28.04 1.96 -8.21	28.94 2.19 -7.07	31.97 2.43 -8.82	33.61 2.83 -7.62	34.89 3.24 -6.72	34.91 3.15 -6.17	36.22 3.23 -6.97	38.51 3.61 -6.48	39.05 3.74 -4.90	56.23 3.77 -19.72	61.90 3.89 -24.76	66.84 4.10 -28.27	69.96 4.24 -30.05	62.51 4.26 -22.17	59.86 3.69 -24.39	55.29 3.26 -23.17	40.97 3.53 -8.76	38.19 3.30 -9.69	38.09 2.45 -14.86
BARON_WINDS____WT_PWR 323822	23.22 0.02 -0.21	22.53 0.27 0.00	19.73 -0.04 -0.41	18.63 -0.05 -0.59	18.61 -0.07 -0.60	18.61 0.00 -0.75	20.46 -0.12 -0.89	21.09 -0.35 -0.72	23.21 -0.42 -0.46	24.50 -0.50 -0.07	25.37 -0.56 -0.34	25.91 -0.57 -0.45	28.08 -0.34 0.00	30.08 -0.33 0.00	32.45 -0.30 0.00	33.02 -0.23 0.00	35.45 -0.79 -1.78	37.53 -0.61 -2.47	36.60 -0.33 -0.85	32.56 -0.03 -0.81	29.82 0.35 -0.61	29.26 0.57 0.00	25.37 0.05 -0.12	21.60 0.19 -0.63
BARRETT_IC_1 23704	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_10 23701	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_11 23702	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_12 23703	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_2 23705	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_3 23706	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_4 23707	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_5 23708	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_6 23709	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_7 23710	33.20 1.95 -8.25	28.56 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.17 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.37 2.50 -3.19	34.28 2.52 -6.55	34.23 1.79 -11.66

BARRETT_IC_8 23711	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT_IC_9 23700	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT___1 23545	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BARRETT___2 23546	33.19 1.95 -8.25	28.55 1.89 -4.40	26.29 1.61 -5.33	22.50 1.50 -2.91	23.72 1.48 -4.15	27.52 1.45 -8.21	28.35 1.59 -7.07	30.79 1.68 -8.38	32.78 1.99 -7.62	33.97 2.32 -6.72	32.93 2.30 -5.04	34.71 2.34 -6.34	34.99 2.59 -3.98	35.61 2.71 -2.49	36.34 2.82 -0.78	43.18 2.99 -6.93	48.65 3.17 -11.01	52.26 3.17 -13.42	43.96 3.28 -4.60	38.35 2.73 -3.83	34.16 2.37 -2.94	34.40 2.53 -3.19	34.28 2.52 -6.56	34.24 1.79 -11.67
BATAVIA___115KV_TB1 55881	23.33 0.21 -0.14	22.55 0.29 0.00	19.74 0.12 -0.27	18.55 0.07 -0.39	18.53 0.05 -0.39	18.52 0.16 -0.49	20.23 -0.04 -0.58	20.64 -0.56 -0.47	22.96 -0.51 -0.31	24.40 -0.57 -0.04	25.23 -0.59 -0.23	25.80 -0.52 -0.30	27.91 -0.51 0.00	29.86 -0.55 0.00	32.12 -0.62 0.00	32.72 -0.53 0.00	34.64 -1.00 -1.17	36.58 -0.71 -1.63	35.78 -0.83 -0.53	31.93 -0.35 -0.50	29.29 0.06 -0.38	29.09 0.40 0.00	25.43 0.15 -0.08	21.67 0.48 -0.41
BAYONEEC___CTG1 323682	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG10 323750	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG2 323683	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG3 323684	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG4 323685	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG5 323686	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG6 323687	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG7 323688	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG8 323689	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
BAYONEEC___CTG9 323749	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.69 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.07 2.38 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07

BEACON___LESR 323632	25.21 0.92 -1.30	23.13 0.87 0.00	22.63 0.72 -2.56	22.45 0.67 -3.70	22.48 0.67 -3.72	23.23 0.68 -4.69	26.00 0.77 -5.55	26.02 0.81 -4.48	27.01 0.95 -2.90	26.49 1.15 -0.41	28.91 1.18 -2.14	29.99 1.25 -2.72	29.57 1.36 0.22	31.61 1.46 0.26	33.66 1.47 0.56	34.48 1.63 0.40	45.75 1.65 -9.63	51.37 1.75 -13.96	45.67 1.73 -7.86	41.44 1.53 -8.13	36.43 1.39 -6.18	30.10 1.41 0.00	27.16 1.21 -0.74	25.57 0.85 -3.94
BEAVER RIVER___HYD 24048	22.66 -0.37 -0.04	21.88 -0.38 0.00	19.10 -0.33 -0.08	17.88 -0.33 -0.11	17.89 -0.31 -0.11	17.70 -0.30 -0.14	19.64 -0.22 -0.17	20.60 -0.27 -0.14	22.90 -0.35 -0.09	24.54 -0.40 -0.01	25.17 -0.49 -0.06	25.61 -0.50 -0.09	28.00 -0.43 0.00	29.95 -0.46 0.00	32.48 -0.26 0.00	32.81 -0.43 0.00	34.63 -0.17 -0.33	35.99 -0.14 -0.47	36.22 0.14 0.00	31.94 0.16 0.00	29.12 0.26 0.00	28.66 -0.03 0.00	25.07 -0.15 -0.02	20.75 -0.14 -0.12
BEEBEE_GT_13 23619	23.29 0.18 -0.12	22.33 0.07 0.00	19.70 0.12 -0.23	18.51 0.09 -0.33	18.50 0.07 -0.34	18.43 0.14 -0.42	20.21 0.02 -0.50	20.80 -0.33 -0.41	23.17 -0.25 -0.26	24.64 -0.32 -0.04	25.53 -0.26 -0.19	26.05 -0.23 -0.26	28.08 -0.34 0.00	30.05 -0.36 0.00	32.41 -0.33 0.00	32.98 -0.27 0.00	35.09 -0.38 -1.00	36.85 -0.21 -1.40	36.01 -0.51 -0.43	31.94 -0.25 -0.41	29.17 0.00 -0.31	28.92 0.23 0.00	25.45 0.18 -0.07	21.57 0.44 -0.36
BENSHRST_27_KV_BENSHRST_1 355998	25.92 1.91 -1.02	24.04 1.78 0.00	22.79 1.43 -2.00	22.29 1.32 -2.88	22.33 1.34 -2.90	22.74 1.21 -3.66	25.39 1.38 -4.33	25.92 1.70 -3.49	27.58 2.15 -2.26	35.29 2.64 -7.72	30.00 2.71 -1.70	31.47 2.76 -2.69	31.68 2.96 -0.30	33.72 3.07 -0.24	36.40 3.14 -0.51	36.94 3.32 -0.36	48.01 3.55 -9.99	52.61 3.53 -13.41	44.18 3.54 -4.57	38.52 2.99 -3.75	34.30 2.60 -2.85	31.63 2.87 -0.07	34.79 2.72 -6.87	25.74 1.87 -3.09
BETHLEHEM___GRP 23843	24.84 0.55 -1.30	22.77 0.51 0.00	22.36 0.45 -2.56	22.21 0.42 -3.70	22.21 0.40 -3.73	22.97 0.41 -4.70	25.70 0.45 -5.56	25.67 0.46 -4.48	26.65 0.58 -2.90	26.07 0.72 -0.42	28.50 0.77 -2.14	29.54 0.78 -2.73	29.10 0.88 0.21	31.08 0.91 0.24	33.13 0.92 0.53	33.90 1.03 0.38	45.22 1.03 -9.71	50.82 1.11 -14.05	44.96 1.08 -7.80	40.79 0.95 -8.05	35.81 0.84 -6.12	29.55 0.86 0.00	26.73 0.78 -0.74	25.24 0.52 -3.95
BETHLEHEM___GS1 323560	24.84 0.55 -1.30	22.77 0.51 0.00	22.36 0.45 -2.56	22.19 0.40 -3.70	22.23 0.42 -3.73	22.97 0.41 -4.70	25.70 0.45 -5.56	25.67 0.46 -4.48	26.65 0.58 -2.90	26.07 0.72 -0.42	28.47 0.74 -2.14	29.54 0.78 -2.73	29.10 0.88 0.21	31.08 0.91 0.24	33.13 0.92 0.53	33.90 1.03 0.38	45.22 1.03 -9.71	50.82 1.11 -14.05	44.96 1.08 -7.80	40.78 0.95 -8.05	35.81 0.84 -6.12	29.55 0.86 0.00	26.73 0.78 -0.74	25.24 0.52 -3.95
BETHLEHEM___GS2 323561	24.84 0.55 -1.30	22.77 0.51 0.00	22.36 0.45 -2.56	22.19 0.40 -3.70	22.23 0.42 -3.73	22.97 0.41 -4.70	25.70 0.45 -5.56	25.67 0.46 -4.48	26.65 0.58 -2.90	26.07 0.72 -0.42	28.47 0.74 -2.14	29.54 0.78 -2.73	29.10 0.88 0.21	31.08 0.91 0.24	33.13 0.92 0.53	33.90 1.03 0.38	45.22 1.03 -9.71	50.82 1.11 -14.05	44.96 1.08 -7.80	40.78 0.95 -8.05	35.81 0.84 -6.12	29.55 0.86 0.00	26.73 0.78 -0.74	25.24 0.52 -3.95
BETHLEHEM___GS3 323562	24.84 0.55 -1.30	22.77 0.51 0.00	22.36 0.45 -2.56	22.19 0.40 -3.70	22.23 0.42 -3.73	22.97 0.41 -4.70	25.70 0.45 -5.56	25.67 0.46 -4.48	26.65 0.58 -2.90	26.07 0.72 -0.42	28.47 0.74 -2.14	29.54 0.78 -2.73	29.10 0.88 0.21	31.08 0.91 0.24	33.13 0.92 0.53	33.90 1.03 0.38	45.22 1.03 -9.71	50.82 1.11 -14.05	44.96 1.08 -7.80	40.78 0.95 -8.05	35.81 0.84 -6.12	29.55 0.86 0.00	26.73 0.78 -0.74	25.24 0.52 -3.95
BETHLEHEM___STEEL 23779	22.87 -0.28 -0.16	22.31 0.04 0.00	19.38 -0.29 -0.31	18.23 -0.31 -0.45	18.22 -0.33 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.26 -1.02 -0.55	22.52 -1.00 -0.35	23.86 -1.12 -0.05	24.70 -1.15 -0.26	25.25 -1.12 -0.35	27.51 -0.91 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.38 -0.86 0.00	34.00 -1.83 -1.35	35.98 -1.57 -1.89	35.30 -1.41 -0.63	31.55 -0.83 -0.59	29.05 -0.26 -0.45	28.83 0.14 0.00	24.94 -0.35 -0.09	21.30 0.04 -0.48
BETHLHEM_115KV_TB1 79974	24.91 0.62 -1.30	22.84 0.58 0.00	22.42 0.50 -2.56	22.24 0.45 -3.70	22.26 0.45 -3.72	23.02 0.46 -4.69	25.73 0.49 -5.55	25.71 0.50 -4.48	26.69 0.63 -2.90	26.12 0.77 -0.41	28.55 0.82 -2.14	29.60 0.83 -2.74	29.16 0.94 0.20	31.15 0.97 0.23	33.22 0.98 0.50	33.99 1.10 0.36	45.38 1.14 -9.77	50.95 1.18 -14.11	44.86 1.15 -7.62	40.65 1.02 -7.85	35.72 0.89 -5.97	29.64 0.95 0.00	26.78 0.83 -0.74	25.28 0.56 -3.94
BETHPAGE_CC_5 323564	33.31 2.07 -8.25	28.69 2.03 -4.40	26.39 1.70 -5.33	22.59 1.59 -2.91	23.81 1.57 -4.15	27.63 1.55 -8.21	28.51 1.75 -7.07	31.19 1.99 -8.47	33.08 2.29 -7.62	34.29 2.64 -6.72	33.41 2.61 -5.21	35.12 2.66 -6.44	35.71 2.93 -4.36	36.31 3.04 -2.86	39.50 3.14 -3.62	44.99 3.26 -8.48	50.46 3.48 -12.51	54.23 3.57 -15.00	46.53 3.54 -6.91	42.41 2.99 -7.64	38.28 2.63 -6.79	35.57 2.84 -4.04	34.92 2.65 -7.08	34.91 1.93 -12.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.85 -0.30 -0.16	22.35 0.09 0.00	19.36 -0.31 -0.32	18.20 -0.34 -0.46	18.19 -0.36 -0.46	18.23 -0.21 -0.58	19.86 -0.51 -0.69	20.25 -1.04 -0.55	22.53 -1.00 -0.36	23.86 -1.12 -0.05	24.70 -1.15 -0.27	25.26 -1.12 -0.35	27.63 -0.80 0.00	29.62 -0.79 0.00	31.92 -0.82 0.00	32.52 -0.73 0.00	34.05 -1.79 -1.37	36.04 -1.53 -1.91	35.49 -1.23 -0.64	31.72 -0.67 -0.60	29.17 -0.14 -0.46	28.95 0.26 0.00	24.94 -0.35 -0.09	21.29 0.02 -0.49
BINGHAMTON___COGEN 23790	23.50 0.21 -0.30	22.60 0.33 0.00	20.10 0.15 -0.59	19.09 0.14 -0.85	19.07 0.13 -0.86	19.12 0.18 -1.08	21.14 0.18 -1.28	21.78 0.02 -1.03	23.95 0.12 -0.67	25.15 0.12 -0.10	26.21 0.13 -0.49	26.81 0.13 -0.65	28.73 0.31 0.00	30.78 0.36 0.00	33.17 0.43 0.00	33.75 0.50 0.00	37.26 0.24 -2.55	39.58 0.36 -3.56	37.86 0.47 -1.31	33.51 0.48 -1.25	30.41 0.61 -0.95	29.35 0.66 0.00	25.78 0.40 -0.17	22.08 0.39 -0.91
BIXINCNT_115KV_LOAD 355685	22.75 -0.41 -0.17	22.44 0.18 0.00	19.23 -0.46 -0.34	18.10 -0.47 -0.48	18.07 -0.51 -0.49	18.14 -0.34 -0.62	19.78 -0.63 -0.73	20.20 -1.12 -0.59	22.46 -1.09 -0.38	23.69 -1.30 -0.05	24.41 -1.46 -0.28	24.94 -1.46 -0.37	27.48 -0.94 0.00	29.50 -0.91 0.00	31.92 -0.82 0.00	32.42 -0.83 0.00	33.72 -2.21 -1.45	35.91 -1.78 -2.03	35.89 -0.87 -0.68	32.11 -0.32 -0.64	29.49 0.14 -0.49	29.21 0.52 0.00	24.85 -0.45 -0.10	20.96 -0.33 -0.52
BLACK RIVER___HYD 24047	22.93 -0.11 -0.05	22.15 -0.11 0.00	19.36 -0.10 -0.10	18.11 -0.13 -0.15	18.15 -0.09 -0.15	17.96 -0.09 -0.19	19.95 0.04 -0.23	20.83 -0.08 -0.18	23.17 -0.12 -0.12	24.80 -0.15 -0.02	25.42 -0.26 -0.09	25.88 -0.26 -0.12	28.28 -0.14 0.00	30.26 -0.15 0.00	32.84 0.10 0.00	33.18 -0.07 0.00	35.19 0.27 -0.45	36.65 0.36 -0.63	36.84 0.76 0.00	32.48 0.70 0.00	29.72 0.86 0.00	29.26 0.57 0.00	25.56 0.33 -0.03	21.21 0.27 -0.16

BLACKRVR_115KV_TB2 79977	22.93 -0.11 -0.05	22.15 -0.11 0.00	19.36 -0.10 -0.10	18.11 -0.13 -0.15	18.15 -0.09 -0.15	17.96 -0.09 -0.19	19.95 0.04 -0.23	20.83 -0.08 -0.18	23.17 -0.12 -0.12	24.80 -0.15 -0.02	25.42 -0.26 -0.09	25.88 -0.26 -0.12	28.28 -0.14 0.00	30.26 -0.15 0.00	32.84 0.10 0.00	33.18 -0.07 0.00	35.19 0.28 -0.45	36.68 0.39 -0.63	36.84 0.76 0.00	32.48 0.70 0.00	29.72 0.87 0.00	29.26 0.57 0.00	25.56 0.33 -0.03	21.23 0.29 -0.16
BLISS_WT_PWR 323608	22.75 -0.41 -0.17	22.42 0.16 0.00	19.23 -0.46 -0.34	18.09 -0.49 -0.48	18.07 -0.51 -0.49	18.14 -0.34 -0.62	19.77 -0.65 -0.73	20.39 -0.93 -0.59	22.43 -1.11 -0.38	23.64 -1.35 -0.05	24.36 -1.51 -0.28	24.84 -1.56 -0.37	27.37 -1.05 0.00	29.38 -1.03 0.00	31.92 -0.82 0.00	32.32 -0.93 0.00	33.68 -2.24 -1.45	35.84 -1.86 -2.03	35.89 -0.87 -0.68	32.11 -0.32 -0.64	29.49 0.15 -0.49	29.23 0.54 0.00	24.85 -0.45 -0.10	20.88 -0.42 -0.52
BLUE_CIRC_CHEM_DRP 24182	25.19 0.92 -1.28	23.15 0.89 0.00	22.62 0.75 -2.51	22.42 0.71 -3.63	22.43 0.69 -3.65	23.16 0.70 -4.60	25.90 0.77 -5.45	25.89 0.77 -4.40	26.91 0.90 -2.85	26.41 1.07 -0.41	28.79 1.10 -2.10	29.87 1.12 -2.73	29.50 1.22 0.14	31.55 1.31 0.17	33.71 1.34 0.37	34.45 1.46 0.26	45.83 1.45 -9.91	51.40 1.57 -14.17	44.47 1.59 -6.81	40.13 1.43 -6.92	35.41 1.30 -5.26	30.01 1.32 0.00	27.09 1.16 -0.73	25.50 0.85 -3.87
BOC_GAS_DRP 24189	25.02 0.74 -1.30	23.00 0.73 0.00	22.53 0.62 -2.55	22.35 0.58 -3.68	22.37 0.58 -3.71	23.13 0.59 -4.67	25.85 0.63 -5.53	25.81 0.62 -4.46	26.82 0.76 -2.89	26.27 0.92 -0.41	28.67 0.95 -2.14	29.76 0.96 -2.77	29.36 1.08 0.14	31.37 1.13 0.17	33.56 1.18 0.37	34.25 1.26 0.26	45.84 1.28 -10.09	51.44 1.36 -14.41	44.04 1.33 -6.62	39.69 1.18 -6.73	35.02 1.04 -5.12	29.78 1.09 0.00	26.93 0.98 -0.74	25.39 0.69 -3.93
BOONVILLE_115KV_TB1 79983	23.23 0.21 -0.04	22.48 0.22 0.00	19.60 0.17 -0.07	18.32 0.13 -0.10	18.33 0.14 -0.10	18.15 0.16 -0.13	20.12 0.28 -0.15	21.08 0.23 -0.12	23.52 0.28 -0.08	25.29 0.35 -0.01	25.88 0.23 -0.06	26.39 0.29 -0.08	28.88 0.45 0.00	30.90 0.49 0.00	33.36 0.62 0.00	33.78 0.53 0.00	35.46 0.69 -0.31	36.84 0.75 -0.43	37.02 0.94 0.00	32.58 0.79 0.00	29.67 0.81 0.00	29.32 0.63 0.00	25.68 0.45 -0.02	21.26 0.37 -0.11
BORALEX_4TH_BRANCH 23824	25.62 1.33 -1.30	23.55 1.29 0.00	23.01 1.10 -2.55	22.78 1.01 -3.68	22.82 1.03 -3.71	23.59 1.05 -4.67	26.30 1.08 -5.53	26.25 1.06 -4.46	27.30 1.25 -2.89	26.76 1.42 -0.41	29.17 1.46 -2.12	29.98 1.48 -2.48	29.52 1.62 0.52	31.50 1.67 0.58	33.22 1.73 1.26	34.25 1.89 0.89	44.13 1.89 -7.76	49.74 2.03 -12.04	46.67 2.06 -8.54	43.16 1.78 -9.60	37.80 1.64 -7.30	30.35 1.66 0.00	27.45 1.51 -0.74	25.87 1.16 -3.93
BOWLINE___1 23526	25.23 1.26 -0.97	23.51 1.25 0.00	22.32 1.04 -1.92	21.84 0.98 -2.77	21.83 0.96 -2.79	22.32 0.95 -3.52	24.89 1.04 -4.16	25.25 1.16 -3.36	26.70 1.37 -2.17	26.89 1.64 -0.31	28.89 1.69 -1.62	29.55 1.72 -1.81	30.36 1.88 -0.07	32.60 1.98 -0.22	35.25 2.03 -0.47	35.78 2.19 -0.34	46.36 2.35 -9.55	50.86 2.35 -12.84	42.75 2.31 -4.36	37.32 1.94 -3.60	33.24 1.64 -2.74	30.47 1.78 0.00	27.42 1.66 -0.56	24.85 1.12 -2.95
BOWLINE___2 23595	25.20 1.24 -0.97	23.49 1.22 0.00	22.30 1.03 -1.92	21.84 0.98 -2.77	21.83 0.96 -2.79	22.33 0.95 -3.52	24.87 1.02 -4.16	25.23 1.14 -3.36	26.70 1.37 -2.17	26.91 1.67 -0.31	28.92 1.71 -1.62	29.55 1.72 -1.81	30.36 1.88 -0.07	32.60 1.98 -0.22	35.25 2.03 -0.47	35.78 2.19 -0.34	46.36 2.35 -9.55	50.86 2.35 -12.84	42.75 2.31 -4.36	37.32 1.94 -3.60	33.24 1.64 -2.74	30.47 1.78 0.00	27.45 1.69 -0.56	24.88 1.14 -2.95
BRADY___115KV_TB2 356060	22.55 -0.44 0.00	21.82 -0.45 0.00	18.95 -0.41 0.00	17.71 -0.38 0.00	17.72 -0.36 0.00	17.45 -0.41 0.00	19.29 -0.39 0.00	20.50 -0.23 0.00	22.77 -0.39 0.00	24.51 -0.42 0.00	25.10 -0.49 0.00	25.55 -0.47 0.00	27.91 -0.51 0.00	29.95 -0.46 0.00	32.25 -0.49 0.00	32.52 -0.73 0.00	33.85 -0.62 0.00	34.88 -0.78 0.00	35.50 -0.58 0.00	31.34 -0.44 0.00	28.34 -0.52 0.00	28.00 -0.69 0.00	24.55 -0.66 0.00	20.20 -0.58 0.00
BRANSCOMB___SOLAR 323811	25.87 1.54 -1.34	23.73 1.47 0.00	23.24 1.24 -2.64	23.04 1.14 -3.81	23.07 1.14 -3.84	23.86 1.16 -4.84	26.69 1.28 -5.73	26.68 1.33 -4.62	27.71 1.55 -2.99	27.13 1.77 -0.43	29.56 1.76 -2.21	30.61 1.82 -2.77	30.14 1.99 0.27	32.17 2.07 0.31	34.22 2.16 0.68	35.06 2.29 0.48	46.48 2.35 -9.66	52.25 2.46 -14.13	50.01 2.60 -11.33	45.78 2.41 -11.58	39.97 2.31 -8.80	30.99 2.30 0.00	27.91 1.94 -0.77	26.30 1.45 -4.07
BRENTWOD_69_KV_W. BRTWOOD 56703	33.72 2.48 -8.25	29.11 2.45 -4.40	26.74 2.05 -5.33	22.91 1.92 -2.91	24.14 1.90 -4.15	27.95 1.88 -8.21	28.84 2.09 -7.07	31.86 2.30 -8.83	33.43 2.64 -7.62	34.64 2.99 -6.72	34.74 2.84 -6.31	35.81 2.89 -6.90	38.42 3.21 -6.78	38.82 3.22 -5.19	56.04 3.21 -20.09	61.69 3.36 -25.09	66.60 3.55 -28.58	69.73 3.71 -30.36	62.26 3.68 -22.50	59.73 3.15 -24.80	55.17 2.74 -23.57	41.20 3.07 -9.44	41.67 3.07 -13.39	41.66 2.24 -18.64
BRISTLHL_115KV_TB1 79998	22.79 -0.28 -0.08	21.99 -0.27 0.00	19.30 -0.21 -0.16	18.14 -0.18 -0.23	18.12 -0.20 -0.23	17.97 -0.18 -0.29	19.83 -0.20 -0.34	20.69 -0.31 -0.28	23.04 -0.30 -0.18	24.58 -0.37 -0.03	25.31 -0.41 -0.13	25.83 -0.36 -0.17	28.02 -0.40 0.00	30.01 -0.40 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.63 -0.52 -0.68	36.11 -0.50 -0.95	35.54 -0.54 0.00	31.31 -0.48 0.00	28.57 -0.29 0.00	28.43 -0.26 0.00	25.00 -0.25 -0.05	20.96 -0.06 -0.24
BROOKHAVEN___DRP 24191	33.86 2.62 -8.25	29.27 2.60 -4.40	26.87 2.19 -5.33	23.02 2.03 -2.91	24.25 2.01 -4.15	28.06 1.98 -8.21	28.96 2.20 -7.07	33.49 2.45 -10.32	33.63 2.85 -7.62	34.87 3.22 -6.72	39.15 3.10 -10.47	38.61 3.12 -9.46	47.85 3.47 -15.96	48.05 3.62 -14.02	124.38 3.77 -87.88	130.84 3.89 -93.70	133.57 4.10 -95.00	180.61 4.28 -140.67	174.03 4.33 -133.62	177.63 3.72 -142.13	171.44 3.26 -139.32	62.05 3.47 -29.89	40.52 3.25 -12.07	40.43 2.39 -17.26
BROOKLYN_NAVY_YARD 23515	25.57 1.56 -1.01	23.75 1.49 0.00	22.59 1.24 -2.00	22.11 1.14 -2.88	22.11 1.12 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.80 1.57 -3.49	27.35 1.92 -2.26	27.60 2.34 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.64 -0.24	35.97 2.72 -0.51	36.47 2.86 -0.36	47.59 3.14 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.87 2.17 -2.85	31.07 2.38 0.00	28.13 2.34 -0.58	25.41 1.56 -3.07
BROOKLYN___ARMY_DRP 323595	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09



BROOKVLE_69_KV_TB1 55790	33.24 2.00 -8.25	28.62 1.96 -4.40	26.31 1.63 -5.33	22.52 1.52 -2.91	23.76 1.52 -4.15	27.56 1.48 -8.21	28.41 1.65 -7.07	31.00 1.87 -8.41	33.03 2.25 -7.62	34.29 2.64 -6.72	33.34 2.71 -5.04	35.13 2.76 -6.34	35.41 3.01 -3.98	36.07 3.16 -2.49	37.40 3.27 -1.39	43.64 3.46 -6.93	49.14 3.65 -11.01	52.86 3.71 -13.49	44.76 3.68 -5.00	39.76 3.11 -4.86	35.55 2.68 -4.01	34.75 2.87 -3.19	34.43 2.67 -6.55	34.37 1.93 -11.66
BROOME_2_LFGE 323671	23.50 0.21 -0.30	22.60 0.33 0.00	20.10 0.15 -0.59	19.09 0.14 -0.85	19.07 0.13 -0.86	19.12 0.18 -1.08	21.14 0.18 -1.28	21.85 0.08 -1.03	23.95 0.12 -0.67	25.15 0.13 -0.10	26.21 0.13 -0.49	26.81 0.13 -0.65	28.74 0.31 0.00	30.78 0.37 0.00	33.17 0.42 0.00	33.75 0.50 0.00	37.30 0.27 -2.55	39.58 0.36 -3.56	37.86 0.47 -1.31	33.51 0.48 -1.25	30.42 0.61 -0.95	29.35 0.66 0.00	25.78 0.40 -0.17	22.08 0.39 -0.91
BROOME___LFGE 323600	23.50 0.21 -0.30	22.60 0.33 0.00	20.10 0.15 -0.59	19.09 0.14 -0.85	19.07 0.13 -0.86	19.12 0.18 -1.08	21.14 0.18 -1.28	21.85 0.08 -1.03	23.95 0.12 -0.67	25.15 0.13 -0.10	26.21 0.13 -0.49	26.81 0.13 -0.65	28.74 0.31 0.00	30.78 0.37 0.00	33.17 0.42 0.00	33.75 0.50 0.00	37.30 0.27 -2.55	39.58 0.36 -3.56	37.86 0.47 -1.31	33.51 0.48 -1.25	30.42 0.61 -0.95	29.35 0.66 0.00	25.78 0.40 -0.17	22.08 0.39 -0.91
BROWNFLS_115KV_TB_3_5 80003	22.19 -0.83 -0.03	21.44 -0.82 0.00	18.67 -0.74 -0.05	17.48 -0.69 -0.08	17.50 -0.67 -0.08	17.28 -0.68 -0.10	19.16 -0.65 -0.12	20.20 -0.62 -0.10	22.44 -0.79 -0.06	24.07 -0.87 -0.01	24.71 -0.92 -0.05	25.12 -0.96 -0.06	27.43 -0.99 0.00	29.38 -1.03 0.00	31.79 -0.95 0.00	32.08 -1.16 0.00	33.74 -0.97 -0.24	34.92 -1.07 -0.33	35.25 -0.83 0.00	31.09 -0.70 0.00	28.22 -0.63 0.00	27.83 -0.86 0.00	24.34 -0.88 -0.02	20.09 -0.77 -0.08
BROWNSV1_27_KV_LOAD 356125	25.80 1.79 -1.01	24.00 1.74 0.00	22.79 1.43 -2.00	22.29 1.32 -2.88	22.31 1.32 -2.90	22.79 1.27 -3.66	25.47 1.46 -4.33	25.94 1.72 -3.49	27.56 2.13 -2.26	27.82 2.57 -0.32	29.91 2.64 -1.68	31.38 2.68 -2.68	31.62 2.90 -0.30	33.63 2.98 -0.24	36.33 3.08 -0.51	36.87 3.26 -0.36	47.97 3.52 -9.99	52.65 3.57 -13.41	44.18 3.54 -4.57	38.45 2.92 -3.75	34.22 2.51 -2.85	31.42 2.73 0.00	28.38 2.60 -0.58	25.62 1.77 -3.07
BURROWS___LYONSDAL 23803	23.12 0.09 -0.04	22.35 0.09 0.00	19.50 0.08 -0.07	18.23 0.04 -0.10	18.25 0.05 -0.10	18.07 0.07 -0.13	20.00 0.16 -0.16	20.98 0.12 -0.13	23.38 0.14 -0.08	25.12 0.17 -0.01	25.72 0.08 -0.06	26.23 0.13 -0.08	28.68 0.26 0.00	30.68 0.27 0.00	33.17 0.43 0.00	33.58 0.33 0.00	35.30 0.52 -0.31	36.67 0.57 -0.43	36.87 0.79 0.00	32.45 0.67 0.00	29.58 0.72 0.00	29.18 0.49 0.00	25.55 0.33 -0.02	21.16 0.27 -0.11
CAITHNESS_CC_1 323624	33.75 2.51 -8.25	29.16 2.49 -4.40	26.80 2.11 -5.33	22.93 1.94 -2.91	24.16 1.92 -4.15	27.99 1.91 -8.21	28.88 2.13 -7.07	33.44 2.40 -10.31	33.52 2.73 -7.62	34.75 3.09 -6.73	39.04 2.97 -10.48	40.51 2.97 -11.52	47.71 3.30 -15.99	47.89 3.44 -14.05	123.71 3.54 -87.43	130.20 3.69 -93.26	132.93 3.89 -94.57	133.10 4.06 -93.37	126.47 4.08 -86.32	130.05 3.50 -94.77	123.92 3.09 -91.97	62.00 3.36 -29.96	40.34 3.10 -12.04	40.28 2.27 -17.24
CALPINE BETH_PAGE_GT4 24209	33.29 2.05 -8.25	28.67 2.00 -4.40	26.35 1.66 -5.33	22.55 1.56 -2.91	23.80 1.56 -4.15	27.59 1.52 -8.21	28.51 1.75 -7.07	31.14 1.95 -8.46	33.03 2.25 -7.62	34.27 2.62 -6.72	33.34 2.58 -5.17	35.00 2.63 -6.34	35.61 2.93 -4.26	36.22 3.04 -2.77	39.10 3.14 -3.21	44.59 3.26 -8.08	50.08 3.48 -12.13	53.86 3.57 -14.63	46.11 3.50 -6.53	41.95 2.96 -7.21	37.82 2.60 -6.37	35.26 2.75 -3.82	34.73 2.60 -6.93	34.74 1.91 -12.05
CALPINE_BETH_PAGE_GT_4 323586	33.29 2.05 -8.25	28.67 2.00 -4.40	26.35 1.66 -5.33	22.55 1.56 -2.91	23.78 1.54 -4.15	27.59 1.52 -8.21	28.51 1.75 -7.07	31.16 1.97 -8.46	33.03 2.25 -7.62	34.27 2.62 -6.72	33.34 2.58 -5.17	35.06 2.63 -6.41	35.61 2.93 -4.26	36.22 3.04 -2.77	39.10 3.14 -3.21	44.59 3.26 -8.08	50.08 3.48 -12.13	53.86 3.57 -14.63	46.11 3.50 -6.53	41.95 2.96 -7.21	37.82 2.60 -6.37	35.29 2.78 -3.82	34.73 2.60 -6.93	34.74 1.91 -12.05
CALPINE_BP_GT1 23823	33.29 2.05 -8.25	28.67 2.00 -4.40	26.35 1.66 -5.33	22.55 1.56 -2.91	23.78 1.54 -4.15	27.59 1.52 -8.21	28.51 1.75 -7.07	31.16 1.97 -8.46	33.03 2.25 -7.62	34.27 2.62 -6.72	33.34 2.58 -5.17	35.06 2.63 -6.41	35.61 2.93 -4.26	36.22 3.04 -2.77	39.10 3.14 -3.21	44.59 3.26 -8.08	50.08 3.48 -12.13	53.86 3.57 -14.63	46.11 3.50 -6.53	41.95 2.96 -7.21	37.82 2.60 -6.37	35.29 2.78 -3.82	34.73 2.60 -6.93	34.74 1.91 -12.05
CALSPAN___DRP 24200	22.87 -0.28 -0.16	22.31 0.04 0.00	19.38 -0.29 -0.31	18.23 -0.31 -0.45	18.22 -0.33 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.26 -1.02 -0.55	22.52 -1.00 -0.35	23.86 -1.12 -0.05	24.70 -1.15 -0.26	25.25 -1.12 -0.35	27.51 -0.91 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.38 -0.86 0.00	34.00 -1.83 -1.35	35.98 -1.57 -1.89	35.30 -1.41 -0.63	31.55 -0.83 -0.59	29.05 -0.26 -0.45	28.83 0.14 0.00	24.94 -0.35 -0.09	21.30 0.04 -0.48
CALVERTON___SOLAR 323806	34.00 2.76 -8.25	29.40 2.74 -4.40	26.99 2.30 -5.33	23.11 2.12 -2.91	24.34 2.10 -4.15	28.16 2.09 -8.21	29.08 2.32 -7.07	33.66 2.61 -10.32	33.77 2.99 -7.62	35.05 3.39 -6.73	39.33 3.28 -10.47	40.91 3.33 -11.56	48.07 3.69 -15.96	48.28 3.86 -14.01	124.81 3.99 -88.08	131.30 4.16 -93.90	134.07 4.41 -95.19	177.81 4.60 -137.54	171.20 4.62 -130.50	174.82 4.00 -139.03	168.60 3.52 -136.22	62.35 3.79 -29.87	40.70 3.43 -12.07	40.59 2.53 -17.27
CANDIGU_WT_PWR 323617	23.22 0.02 -0.21	22.53 0.27 0.00	19.73 -0.04 -0.41	18.63 -0.05 -0.59	18.61 -0.07 -0.60	18.61 0.00 -0.75	20.46 -0.12 -0.89	21.09 -0.35 -0.72	23.21 -0.42 -0.46	24.50 -0.50 -0.07	25.37 -0.56 -0.34	25.91 -0.57 -0.45	28.08 -0.34 0.00	30.08 -0.33 0.00	32.45 -0.30 0.00	33.02 -0.23 0.00	35.45 -0.79 -1.78	37.53 -0.61 -2.47	36.60 -0.33 -0.85	32.56 -0.03 -0.81	29.82 0.35 -0.61	29.26 0.57 0.00	25.37 0.05 -0.12	21.60 0.19 -0.63
CARR STREET_E_SYP 24060	22.99 -0.09 -0.09	22.17 -0.09 0.00	19.45 -0.08 -0.18	18.29 -0.05 -0.25	18.29 -0.05 -0.26	18.13 -0.05 -0.32	20.03 -0.04 -0.38	20.93 -0.10 -0.31	23.27 -0.09 -0.20	24.81 -0.15 -0.03	25.58 -0.15 -0.15	26.11 -0.10 -0.19	28.25 -0.17 0.00	30.17 -0.24 0.00	32.48 -0.26 0.00	33.02 -0.23 0.00	34.95 -0.28 -0.76	36.44 -0.29 -1.06	35.75 -0.33 0.00	31.47 -0.32 0.00	28.69 -0.17 0.00	28.63 -0.06 0.00	25.20 -0.05 -0.05	21.15 0.10 -0.27
CARTHAGE___PAPER 23857	22.76 -0.27 -0.05	22.00 -0.27 0.00	19.20 -0.25 -0.09	17.97 -0.25 -0.14	17.99 -0.24 -0.14	17.82 -0.21 -0.17	19.77 -0.12 -0.20	20.69 -0.21 -0.16	22.99 -0.28 -0.11	24.62 -0.32 -0.02	25.23 -0.44 -0.08	25.71 -0.42 -0.10	28.08 -0.34 0.00	30.05 -0.36 0.00	32.58 -0.16 0.00	32.92 -0.33 0.00	34.87 0.00 -0.41	36.27 0.04 -0.56	36.48 0.40 0.00	32.20 0.41 0.00	29.41 0.55 0.00	28.92 0.23 0.00	25.28 0.05 -0.03	20.94 0.02 -0.14

CASSADAGA_WT_PWR 323784	23.43 0.28 -0.17	22.84 0.58 0.00	19.78 0.10 -0.33	18.56 0.00 -0.47	18.44 -0.13 -0.48	18.48 0.02 -0.60	20.12 -0.28 -0.71	20.76 -0.54 -0.57	22.93 -0.60 -0.37	24.29 -0.70 -0.05	25.15 -0.72 -0.27	25.53 -0.86 -0.36	27.82 -0.60 0.00	29.89 -0.52 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.58 -1.31 -1.42	36.61 -1.04 -1.98	36.02 -0.72 -0.66	32.35 -0.06 -0.62	29.77 0.43 -0.47	29.43 0.74 0.00	25.32 0.03 -0.10	21.55 0.27 -0.50
CE_DUNWOOD___DRP 24194	25.45 1.45 -1.01	23.69 1.42 0.00	22.53 1.18 -1.99	22.07 1.10 -2.88	22.08 1.10 -2.89	22.58 1.07 -3.65	25.21 1.20 -4.32	25.58 1.37 -3.48	27.09 1.67 -2.26	27.25 1.99 -0.32	29.34 2.07 -1.68	30.80 2.08 -2.69	31.03 2.30 -0.30	33.05 2.40 -0.24	35.74 2.49 -0.51	36.24 2.63 -0.36	47.26 2.83 -9.96	51.89 2.85 -13.38	43.45 2.81 -4.55	37.87 2.35 -3.73	33.72 2.02 -2.84	30.84 2.15 0.00	27.82 2.04 -0.58	25.24 1.39 -3.07
CE_MILLWOOD___DRP 24193	25.37 1.38 -1.01	23.62 1.36 0.00	22.48 1.14 -1.98	22.02 1.07 -2.86	22.03 1.07 -2.88	22.53 1.04 -3.63	25.12 1.14 -4.30	25.50 1.31 -3.47	26.98 1.58 -2.24	27.15 1.89 -0.32	29.23 1.97 -1.67	30.71 1.98 -2.71	30.92 2.19 -0.31	32.92 2.28 -0.23	35.64 2.39 -0.51	36.13 2.53 -0.36	47.10 2.72 -9.91	51.72 2.75 -13.30	43.31 2.71 -4.53	37.76 2.26 -3.72	33.59 1.90 -2.83	30.76 2.07 0.00	27.69 1.92 -0.57	25.16 1.33 -3.05
CE_NYC2_DRP 24202	25.66 1.66 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.63 1.11 -3.66	25.28 1.26 -4.33	25.78 1.55 -3.49	27.37 1.95 -2.26	28.69 2.39 -1.37	29.73 2.46 -1.68	31.21 2.50 -2.69	31.39 2.67 -0.30	33.41 2.77 -0.24	36.04 2.78 -0.51	36.54 2.93 -0.36	47.59 3.14 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.93 2.22 -2.85	31.19 2.50 0.00	28.21 2.42 -0.59	25.47 1.62 -3.07
CE_NYC_DRP 24195	25.61 1.61 -1.01	23.80 1.54 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.78 1.55 -3.49	27.35 1.92 -2.26	27.57 2.32 -0.32	29.68 2.41 -1.68	31.12 2.42 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.14 2.61 -3.75	33.93 2.22 -2.85	31.13 2.44 0.00	28.10 2.32 -0.58	25.43 1.58 -3.07
CHAFFEE___LFGE 323603	22.88 -0.27 -0.16	22.33 0.07 0.00	19.37 -0.31 -0.32	18.21 -0.34 -0.47	18.21 -0.34 -0.47	18.26 -0.20 -0.59	19.90 -0.49 -0.70	20.51 -0.79 -0.57	22.56 -0.97 -0.37	23.91 -1.07 -0.05	24.73 -1.13 -0.27	25.31 -1.07 -0.36	27.66 -0.77 0.00	29.65 -0.76 0.00	31.99 -0.75 0.00	32.55 -0.70 0.00	34.22 -1.65 -1.40	36.16 -1.46 -1.96	35.54 -1.19 -0.65	31.77 -0.64 -0.62	29.21 -0.11 -0.47	28.98 0.29 0.00	24.97 -0.33 -0.09	21.34 0.06 -0.50
CHATEAUG_35_KV_LOAD 355732	23.01 0.02 0.00	22.24 -0.02 0.00	19.28 -0.08 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.77 -0.09 0.00	19.67 -0.02 0.00	20.92 0.19 0.00	23.26 0.09 0.00	24.98 0.05 0.00	25.64 0.05 0.00	26.05 0.03 0.00	28.34 -0.09 0.00	30.38 -0.03 0.00	32.74 0.00 0.00	32.58 -0.66 0.00	33.92 -0.55 0.00	34.77 -0.89 0.00	35.54 -0.54 0.00	31.56 -0.22 0.00	28.25 -0.61 0.00	27.77 -0.92 0.00	24.14 -1.06 0.00	19.78 -1.00 0.00
CHATEAUG_WT_PWR 323614	23.04 0.05 0.00	22.26 0.00 0.00	19.30 -0.06 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.79 -0.07 0.00	19.69 0.00 0.00	20.88 0.15 0.00	23.28 0.12 0.00	25.00 0.08 0.00	25.69 0.10 0.00	26.08 0.05 0.00	28.37 -0.06 0.00	30.41 0.00 0.00	32.77 0.03 0.00	32.58 -0.66 0.00	33.71 -0.76 0.00	34.67 -1.00 0.00	35.50 -0.58 0.00	31.56 -0.22 0.00	28.25 -0.61 0.00	27.80 -0.89 0.00	24.15 -1.06 0.00	19.78 -1.00 0.00
CHAT_HIGH_FALL_HYD 323578	23.01 0.02 0.00	22.24 -0.02 0.00	19.28 -0.08 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.77 -0.09 0.00	19.67 -0.02 0.00	20.88 0.15 0.00	23.26 0.09 0.00	24.98 0.05 0.00	25.66 0.08 0.00	26.05 0.03 0.00	28.34 -0.09 0.00	30.38 -0.03 0.00	32.74 0.00 0.00	32.58 -0.66 0.00	33.78 -0.69 0.00	34.77 -0.89 0.00	35.54 -0.54 0.00	31.56 -0.22 0.00	28.25 -0.61 0.00	27.77 -0.92 0.00	24.15 -1.06 0.00	19.78 -1.00 0.00
CHAUTAUQUA___LFGE 323629	23.27 0.12 -0.16	22.64 0.38 0.00	19.66 -0.02 -0.32	18.48 -0.07 -0.47	18.41 -0.15 -0.47	18.45 0.00 -0.59	20.11 -0.28 -0.70	20.76 -0.54 -0.56	22.86 -0.67 -0.37	24.21 -0.77 -0.05	25.06 -0.79 -0.27	25.55 -0.83 -0.36	27.82 -0.60 0.00	29.86 -0.55 0.00	32.22 -0.53 0.00	32.78 -0.47 0.00	34.59 -1.27 -1.40	36.54 -1.07 -1.94	35.86 -0.87 -0.65	32.11 -0.29 -0.61	29.55 0.23 -0.47	29.29 0.60 0.00	25.30 0.00 -0.09	21.55 0.27 -0.50
CHERRYST_13_KV_LD 356241	25.68 1.68 -1.01	23.86 1.60 0.00	22.69 1.34 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.72 1.20 -3.66	25.39 1.38 -4.33	25.86 1.64 -3.49	27.46 2.04 -2.26	27.72 2.47 -0.32	29.80 2.53 -1.68	31.25 2.55 -2.68	31.48 2.76 -0.30	33.51 2.86 -0.24	36.20 2.95 -0.51	36.70 3.09 -0.36	47.83 3.38 -9.99	52.47 3.39 -13.41	43.96 3.32 -4.57	38.26 2.73 -3.75	34.01 2.31 -2.85	31.21 2.52 0.00	28.20 2.42 -0.58	25.50 1.64 -3.07
CHESTROR_138KV_BK263 355645	25.04 1.13 -0.92	23.37 1.11 0.00	22.10 0.93 -1.81	21.59 0.89 -2.62	21.59 0.87 -2.64	22.04 0.86 -3.32	24.54 0.93 -3.93	24.90 1.00 -3.17	26.45 1.23 -2.05	26.69 1.47 -0.29	28.62 1.51 -1.53	29.45 1.54 -1.89	30.23 1.71 -0.10	32.40 1.79 -0.19	35.03 1.87 -0.42	35.54 1.99 -0.30	45.55 2.14 -8.94	49.89 2.18 -12.05	42.33 2.16 -4.09	37.00 1.81 -3.40	33.00 1.56 -2.59	30.35 1.66 0.00	27.27 1.54 -0.53	24.63 1.06 -2.79
CH_MIDHUDSON___DRP 24192	25.41 1.38 -1.04	23.62 1.36 0.00	22.54 1.14 -2.05	22.11 1.07 -2.95	22.13 1.07 -2.97	22.64 1.04 -3.75	25.24 1.12 -4.43	25.51 1.20 -3.58	26.94 1.46 -2.32	27.01 1.75 -0.33	29.10 1.79 -1.72	30.33 1.85 -2.46	30.66 2.07 -0.17	32.73 2.16 -0.16	35.34 2.26 -0.34	35.92 2.43 -0.24	46.81 2.59 -9.75	51.51 2.60 -13.25	43.13 2.56 -4.49	37.85 2.19 -3.87	33.68 1.88 -2.94	30.64 1.95 0.00	27.61 1.81 -0.59	25.19 1.27 -3.15
CH_MISC_IPPS 23765	25.50 1.49 -1.02	23.73 1.47 0.00	22.57 1.22 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.24 1.22 -4.33	25.51 1.29 -3.49	26.98 1.55 -2.26	27.12 1.87 -0.32	29.19 1.92 -1.68	30.38 1.98 -2.38	30.81 2.22 -0.17	32.96 2.37 -0.18	35.58 2.46 -0.38	36.14 2.63 -0.27	46.91 2.79 -9.65	51.59 2.85 -13.07	43.34 2.82 -4.44	37.95 2.39 -3.78	33.78 2.05 -2.87	30.81 2.12 0.00	27.72 1.94 -0.58	25.21 1.35 -3.08
CH_RES_BVR_FALLS 23983	22.69 -0.30 0.00	21.97 -0.29 0.00	19.10 -0.25 0.00	17.85 -0.24 0.00	17.85 -0.24 0.00	17.61 -0.25 0.00	19.41 -0.28 0.00	20.50 -0.23 0.00	22.89 -0.28 0.00	24.63 -0.30 0.00	25.28 -0.31 0.00	25.68 -0.34 0.00	28.02 -0.40 0.00	30.01 -0.40 0.00	32.32 -0.43 0.00	32.75 -0.50 0.00	33.95 -0.52 0.00	35.09 -0.57 0.00	35.57 -0.51 0.00	31.34 -0.45 0.00	28.40 -0.46 0.00	28.17 -0.52 0.00	24.75 -0.45 0.00	20.38 -0.40 0.00

CH_RES_NIAGARA 23895	22.45 -0.69 -0.15	21.59 -0.67 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.93 -0.58 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.89 -1.35 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.86 -1.97 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.29 -2.46 0.00	30.82 -2.43 0.00	32.75 -2.96 -1.25	34.48 -2.92 -1.74	33.43 -3.18 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
CH_RES_SYRACUSE 23985	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.28 0.05 -0.36	20.21 0.10 -0.42	21.09 0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.15 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
CLINTON_WT_PWR 323605	23.04 0.05 0.00	22.26 0.00 0.00	19.30 -0.06 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.79 -0.07 0.00	19.69 0.00 0.00	20.88 0.15 0.00	23.28 0.12 0.00	25.00 0.08 0.00	25.69 0.10 0.00	26.08 0.05 0.00	28.37 -0.06 0.00	30.41 0.00 0.00	32.77 0.03 0.00	32.58 -0.66 0.00	33.71 -0.76 0.00	34.67 -1.00 0.00	35.50 -0.58 0.00	31.56 -0.22 0.00	28.25 -0.61 0.00	27.80 -0.89 0.00	24.15 -1.06 0.00	19.78 -1.00 0.00
CLINTON___LFGE 323618	23.20 0.21 0.00	22.42 0.16 0.00	19.41 0.06 0.00	18.16 0.07 0.00	18.20 0.11 0.00	17.90 0.04 0.00	19.83 0.14 0.00	21.04 0.31 0.00	23.44 0.28 0.00	25.20 0.27 0.00	25.87 0.28 0.00	26.31 0.29 0.00	28.59 0.17 0.00	30.65 0.24 0.00	33.04 0.29 0.00	32.75 -0.50 0.00	33.85 -0.62 0.00	34.77 -0.89 0.00	35.72 -0.36 0.00	31.82 0.03 0.00	28.45 -0.40 0.00	27.97 -0.72 0.00	24.30 -0.91 0.00	19.89 -0.89 0.00
COBBLENY_34_KV_TB1 80064	22.88 -0.28 -0.16	22.33 0.07 0.00	19.37 -0.31 -0.32	18.21 -0.34 -0.47	18.20 -0.36 -0.47	18.26 -0.20 -0.59	19.90 -0.49 -0.70	20.28 -1.02 -0.57	22.56 -0.97 -0.37	23.89 -1.10 -0.05	24.73 -1.13 -0.27	25.32 -1.07 -0.36	27.65 -0.77 0.00	29.65 -0.76 0.00	31.96 -0.79 0.00	32.55 -0.70 0.00	34.15 -1.72 -1.40	36.16 -1.46 -1.96	35.54 -1.19 -0.65	31.77 -0.64 -0.62	29.21 -0.12 -0.47	28.98 0.29 0.00	24.97 -0.33 -0.09	21.34 0.06 -0.50
COFFEEN___115KV_TB3 355620	23.09 0.05 -0.05	22.33 0.07 0.00	19.50 0.04 -0.11	18.24 0.00 -0.15	18.28 0.04 -0.15	18.09 0.04 -0.19	20.11 0.20 -0.23	20.96 0.04 -0.18	23.31 0.02 -0.12	24.97 0.02 -0.02	25.57 -0.10 -0.09	26.06 -0.08 -0.12	28.51 0.09 0.00	30.47 0.06 0.00	33.10 0.36 0.00	33.45 0.20 0.00	35.51 0.59 -0.46	37.02 0.71 -0.64	37.23 1.15 0.00	32.83 1.05 0.00	30.10 1.24 0.00	29.58 0.89 0.00	25.84 0.60 -0.03	21.44 0.50 -0.16
COLDSPRG_115KV_BK1 355956	23.30 0.14 -0.17	22.95 0.69 0.00	19.69 0.00 -0.34	18.52 -0.05 -0.49	18.43 -0.14 -0.49	18.52 0.04 -0.62	20.20 -0.22 -0.73	20.68 -0.64 -0.59	23.06 -0.49 -0.38	24.41 -0.57 -0.05	25.28 -0.59 -0.28	25.75 -0.65 -0.38	28.31 -0.11 0.00	30.44 0.03 0.00	32.77 0.03 0.00	33.35 0.10 0.00	34.80 -1.14 -1.47	36.85 -0.86 -2.04	36.51 -0.25 -0.69	32.75 0.32 -0.65	30.16 0.81 -0.49	29.81 1.12 0.00	25.43 0.13 -0.10	21.65 0.35 -0.52
COLONIE_LFGE___ 323577	25.46 1.15 -1.32	23.35 1.09 0.00	22.89 0.93 -2.60	22.72 0.87 -3.76	22.74 0.87 -3.78	23.51 0.88 -4.77	26.27 0.94 -5.64	26.24 0.95 -4.55	27.25 1.13 -2.95	26.67 1.32 -0.42	29.09 1.33 -2.17	30.09 1.38 -2.69	29.61 1.51 0.32	31.63 1.58 0.36	33.60 1.64 0.78	34.45 1.76 0.56	45.48 1.79 -9.22	51.17 1.89 -13.62	48.18 1.91 -10.19	44.09 1.68 -10.62	38.49 1.56 -8.07	30.27 1.58 0.00	27.34 1.39 -0.76	25.82 1.04 -4.01
COOPERNY_115KV_TB1 80082	24.50 0.83 -0.69	23.09 0.82 0.00	21.41 0.70 -1.36	20.70 0.65 -1.96	20.71 0.65 -1.97	20.99 0.64 -2.48	23.33 0.71 -2.94	23.83 0.73 -2.37	25.60 0.90 -1.53	26.25 1.10 -0.22	27.85 1.13 -1.14	28.65 1.15 -1.48	29.78 1.28 -0.08	31.86 1.34 -0.11	34.39 1.41 -0.24	34.92 1.50 -0.17	42.54 1.59 -6.49	46.13 1.64 -8.82	40.74 1.66 -3.00	35.75 1.40 -2.56	32.02 1.21 -1.95	29.95 1.26 0.00	26.78 1.18 -0.39	23.68 0.81 -2.09
COPENHAGEN_WT_PWR 323753	22.93 -0.11 -0.06	22.15 -0.11 0.00	19.37 -0.10 -0.11	18.12 -0.13 -0.16	18.14 -0.11 -0.16	17.97 -0.09 -0.20	19.94 0.02 -0.24	20.82 -0.10 -0.19	23.15 -0.14 -0.12	24.77 -0.17 -0.02	25.40 -0.28 -0.09	25.88 -0.26 -0.12	28.25 -0.17 0.00	30.23 -0.18 0.00	32.77 0.03 0.00	33.12 -0.13 0.00	35.15 0.21 -0.47	36.57 0.25 -0.66	36.69 0.61 0.00	32.36 0.57 0.00	29.61 0.75 0.00	29.18 0.49 0.00	25.51 0.28 -0.03	21.20 0.25 -0.17
CORNELL___ 23752	23.70 0.51 -0.21	22.82 0.56 0.00	20.19 0.43 -0.41	19.07 0.38 -0.60	19.07 0.38 -0.60	19.03 0.41 -0.76	21.09 0.51 -0.89	21.80 0.35 -0.72	24.09 0.46 -0.47	25.47 0.47 -0.07	26.34 0.41 -0.35	26.95 0.47 -0.46	29.08 0.65 0.00	31.14 0.73 0.00	33.53 0.79 0.00	34.08 0.83 0.00	37.05 0.79 -1.79	39.15 1.00 -2.49	38.09 1.12 -0.89	33.62 0.99 -0.85	30.57 1.07 -0.65	29.72 1.03 0.00	26.05 0.73 -0.12	22.12 0.71 -0.64
CORONA_AAV_69_KV_TB1 355595	33.29 2.05 -8.25	28.67 2.00 -4.40	26.37 1.68 -5.33	22.55 1.56 -2.91	23.80 1.56 -4.15	27.59 1.52 -8.21	28.43 1.67 -7.07	30.94 1.82 -8.39	32.98 2.20 -7.62	34.19 2.54 -6.72	33.21 2.58 -5.04	35.02 2.65 -6.34	35.33 2.93 -3.98	35.98 3.07 -2.49	36.88 3.21 -0.93	43.54 3.36 -6.93	49.07 3.58 -11.01	52.77 3.67 -13.43	44.45 3.68 -4.69	38.98 3.11 -4.08	34.77 2.71 -3.20	34.72 2.84 -3.19	34.43 2.67 -6.55	34.37 1.93 -11.66
CORTLAND_115KV_TB3 80093	23.46 0.30 -0.17	22.62 0.36 0.00	19.94 0.25 -0.34	18.81 0.24 -0.49	18.81 0.24 -0.49	18.73 0.25 -0.62	20.73 0.31 -0.73	21.53 0.21 -0.59	23.85 0.30 -0.38	25.28 0.30 -0.05	26.15 0.28 -0.28	26.71 0.31 -0.37	28.88 0.45 0.00	30.90 0.49 0.00	33.30 0.56 0.00	33.85 0.60 0.00	36.48 0.55 -1.46	38.34 0.64 -2.04	37.49 0.72 -0.68	33.07 0.64 -0.65	30.07 0.72 -0.50	29.41 0.72 0.00	25.80 0.50 -0.10	21.78 0.48 -0.52
COXSACKIE___GT 23611	25.75 1.54 -1.22	23.82 1.56 0.00	22.96 1.20 -2.40	22.68 1.12 -3.47	22.73 1.16 -3.49	23.41 1.14 -4.40	26.19 1.30 -5.21	26.13 1.20 -4.20	27.28 1.39 -2.72	26.79 1.47 -0.39	29.16 1.56 -2.01	30.34 1.69 -2.63	30.31 1.99 0.10	32.48 2.19 0.12	34.86 2.39 0.27	35.65 2.59 0.19	46.87 2.69 -9.71	52.44 3.00 -13.77	45.34 2.74 -6.52	40.85 2.54 -6.52	36.24 2.42 -4.96	31.13 2.44 0.00	27.79 1.89 -0.70	25.85 1.37 -3.70
CPV_VALLEY___CC1 323721	24.77 0.94 -0.84	23.20 0.93 0.00	21.78 0.78 -1.65	21.21 0.74 -2.38	21.21 0.72 -2.40	21.60 0.72 -3.02	24.05 0.79 -3.58	24.47 0.85 -2.89	26.08 1.04 -1.87	26.47 1.27 -0.27	28.28 1.30 -1.39	29.14 1.33 -1.79	30.01 1.48 -0.11	32.13 1.55 -0.17	34.70 1.60 -0.36	35.23 1.73 -0.25	44.41 1.86 -8.08	48.43 1.85 -10.91	41.61 1.84 -3.69	36.44 1.56 -3.09	32.54 1.33 -2.35	30.10 1.41 0.00	27.02 1.33 -0.48	24.21 0.89 -2.54

CPV_VALLEY___CC2 323722	24.77 0.94 -0.84	23.20 0.93 0.00	21.78 0.78 -1.65	21.21 0.74 -2.38	21.21 0.72 -2.40	21.60 0.72 -3.02	24.05 0.79 -3.58	24.47 0.85 -2.89	26.08 1.04 -1.87	26.47 1.27 -0.27	28.28 1.30 -1.39	29.14 1.33 -1.79	30.01 1.48 -0.11	32.13 1.55 -0.17	34.70 1.60 -0.36	35.23 1.73 -0.25	44.41 1.86 -8.08	48.43 1.85 -10.91	41.61 1.84 -3.69	36.44 1.56 -3.09	32.54 1.33 -2.35	30.10 1.41 0.00	27.02 1.33 -0.48	24.21 0.89 -2.54
CRESCENT___HYD 24018	25.46 1.15 -1.32	23.35 1.09 0.00	22.89 0.93 -2.60	22.72 0.87 -3.76	22.74 0.87 -3.78	23.51 0.88 -4.77	26.27 0.94 -5.64	26.24 0.95 -4.55	27.25 1.13 -2.95	26.67 1.32 -0.42	29.09 1.33 -2.17	30.09 1.38 -2.69	29.61 1.51 0.32	31.63 1.58 0.36	33.60 1.64 0.78	34.45 1.76 0.56	45.48 1.79 -9.22	51.17 1.89 -13.62	48.18 1.91 -10.19	44.09 1.68 -10.62	38.49 1.56 -8.07	30.27 1.58 0.00	27.34 1.39 -0.76	25.82 1.04 -4.01
CRICKET___VALLEY_CC1 323756	25.22 1.15 -1.08	23.42 1.16 0.00	22.45 0.97 -2.13	22.07 0.90 -3.07	22.09 0.90 -3.10	22.66 0.89 -3.90	25.23 0.93 -4.62	25.43 0.97 -3.73	26.73 1.16 -2.41	26.67 1.40 -0.34	28.71 1.43 -1.69	27.27 1.43 0.18	26.72 1.59 3.29	28.47 1.64 3.58	26.68 1.70 7.76	29.55 1.83 5.52	25.36 1.96 11.07	29.82 2.00 7.84	32.82 1.98 5.24	37.55 1.65 -4.11	33.40 1.41 -3.13	30.18 1.49 0.00	27.26 1.44 -0.62	25.08 1.02 -3.28
CRICKET___VALLEY_CC2 323757	25.22 1.15 -1.08	23.42 1.16 0.00	22.45 0.97 -2.13	22.07 0.90 -3.07	22.09 0.90 -3.10	22.66 0.89 -3.90	25.23 0.93 -4.62	25.43 0.97 -3.73	26.73 1.16 -2.41	26.67 1.40 -0.34	28.71 1.43 -1.69	27.27 1.43 0.18	26.72 1.59 3.29	28.47 1.64 3.58	26.68 1.70 7.76	29.55 1.83 5.52	25.36 1.96 11.07	29.82 2.00 7.84	32.82 1.98 5.24	37.55 1.65 -4.11	33.40 1.41 -3.13	30.18 1.49 0.00	27.26 1.44 -0.62	25.08 1.02 -3.28
CRICKET___VALLEY_CC3 323758	25.22 1.15 -1.08	23.42 1.16 0.00	22.45 0.97 -2.13	22.07 0.90 -3.07	22.09 0.90 -3.10	22.66 0.89 -3.90	25.23 0.93 -4.62	25.43 0.97 -3.73	26.73 1.16 -2.41	26.67 1.40 -0.34	28.71 1.43 -1.69	27.27 1.43 0.18	26.72 1.59 3.29	28.47 1.64 3.58	26.68 1.70 7.76	29.55 1.83 5.52	25.36 1.96 11.07	29.82 2.00 7.84	32.82 1.98 5.24	37.55 1.65 -4.11	33.40 1.41 -3.13	30.18 1.49 0.00	27.26 1.44 -0.62	25.08 1.02 -3.28
CRUCIBLE_METL_DRP 24180	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.27 0.05 -0.36	20.21 0.10 -0.42	21.05 -0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.14 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
DAHOWA___HYDRO 323763	25.99 1.66 -1.35	23.84 1.58 0.00	23.34 1.33 -2.65	23.14 1.23 -3.82	23.17 1.23 -3.85	23.97 1.25 -4.85	26.83 1.40 -5.74	26.81 1.45 -4.63	27.85 1.69 -3.00	27.30 1.95 -0.43	29.72 1.92 -2.21	30.81 2.00 -2.78	30.35 2.19 0.26	32.39 2.28 0.30	34.44 2.36 0.66	35.31 2.53 0.47	46.77 2.55 -9.75	52.60 2.71 -14.23	50.43 2.85 -11.50	46.13 2.64 -11.71	40.30 2.54 -8.90	31.21 2.53 0.00	28.09 2.12 -0.77	26.44 1.58 -4.08
DANC___LFGE 323619	22.87 -0.18 -0.06	22.11 -0.15 0.00	19.35 -0.13 -0.13	18.13 -0.15 -0.18	18.15 -0.13 -0.18	17.97 -0.12 -0.23	19.90 -0.06 -0.27	20.79 -0.17 -0.22	23.12 -0.19 -0.14	24.70 -0.25 -0.02	25.36 -0.33 -0.11	25.85 -0.31 -0.14	28.17 -0.26 0.00	30.11 -0.30 0.00	32.55 -0.20 0.00	32.95 -0.30 0.00	34.91 -0.10 -0.55	36.36 -0.07 -0.76	36.22 0.14 0.00	31.91 0.13 0.00	29.23 0.37 0.00	28.92 0.23 0.00	25.34 0.10 -0.04	21.12 0.15 -0.20
DANSKAMMER___1 23586	25.50 1.49 -1.02	23.73 1.47 0.00	22.57 1.22 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.24 1.22 -4.33	25.51 1.29 -3.49	26.98 1.55 -2.26	27.12 1.87 -0.32	29.19 1.92 -1.68	30.38 1.98 -2.38	30.81 2.22 -0.17	32.96 2.37 -0.18	35.58 2.46 -0.38	36.14 2.63 -0.27	46.91 2.79 -9.65	51.59 2.85 -13.07	43.34 2.82 -4.44	37.95 2.39 -3.78	33.78 2.05 -2.87	30.81 2.12 0.00	27.72 1.94 -0.58	25.21 1.35 -3.08
DANSKAMMER___2 23589	25.50 1.49 -1.02	23.73 1.47 0.00	22.57 1.22 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.24 1.22 -4.33	25.51 1.29 -3.49	26.98 1.55 -2.26	27.12 1.87 -0.32	29.19 1.92 -1.68	30.38 1.98 -2.38	30.81 2.22 -0.17	32.96 2.37 -0.18	35.58 2.46 -0.38	36.14 2.63 -0.27	46.91 2.79 -9.65	51.59 2.85 -13.07	43.34 2.82 -4.44	37.95 2.39 -3.78	33.78 2.05 -2.87	30.81 2.12 0.00	27.72 1.94 -0.58	25.21 1.35 -3.08
DANSKAMMER___3 23590	25.50 1.49 -1.02	23.73 1.47 0.00	22.57 1.22 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.24 1.22 -4.33	25.51 1.29 -3.49	26.98 1.55 -2.26	27.12 1.87 -0.32	29.19 1.92 -1.68	30.38 1.98 -2.38	30.81 2.22 -0.17	32.96 2.37 -0.18	35.58 2.46 -0.38	36.14 2.63 -0.27	46.91 2.79 -9.65	51.59 2.85 -13.07	43.34 2.82 -4.44	37.95 2.39 -3.78	33.78 2.05 -2.87	30.81 2.12 0.00	27.72 1.94 -0.58	25.21 1.35 -3.08
DANSKAMMER___4 23591	25.50 1.49 -1.02	23.73 1.47 0.00	22.57 1.22 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.24 1.22 -4.33	25.51 1.29 -3.49	26.98 1.55 -2.26	27.12 1.87 -0.32	29.19 1.92 -1.68	30.38 1.98 -2.38	30.81 2.22 -0.17	32.96 2.37 -0.18	35.58 2.46 -0.38	36.14 2.63 -0.27	46.91 2.79 -9.65	51.59 2.85 -13.07	43.34 2.82 -4.44	37.95 2.39 -3.78	33.78 2.05 -2.87	30.81 2.12 0.00	27.72 1.94 -0.58	25.21 1.35 -3.08
DANSKAMMER___DIESEL 23592	25.50 1.49 -1.02	23.73 1.47 0.00	22.57 1.22 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.24 1.22 -4.33	25.49 1.26 -3.49	27.00 1.58 -2.26	27.12 1.87 -0.32	29.19 1.92 -1.68	30.38 1.98 -2.38	30.81 2.22 -0.17	32.96 2.37 -0.18	35.61 2.49 -0.38	36.15 2.63 -0.27	46.92 2.79 -9.65	51.59 2.85 -13.07	43.33 2.81 -4.44	37.95 2.38 -3.78	33.78 2.05 -2.87	30.81 2.12 0.00	27.72 1.94 -0.58	25.21 1.35 -3.08
DARBY___SOLAR 323810	25.90 1.56 -1.34	23.73 1.47 0.00	23.26 1.26 -2.64	23.06 1.16 -3.81	23.09 1.16 -3.84	23.88 1.18 -4.84	26.71 1.30 -5.73	26.70 1.35 -4.62	27.73 1.58 -2.99	27.18 1.82 -0.43	29.61 1.82 -2.21	30.69 1.90 -2.77	30.22 2.07 0.27	32.26 2.16 0.31	34.32 2.26 0.68	35.16 2.40 0.48	46.55 2.41 -9.67	52.37 2.57 -14.13	50.09 2.67 -11.34	45.82 2.45 -11.58	40.00 2.34 -8.81	31.04 2.35 0.00	27.94 1.97 -0.77	26.32 1.48 -4.07
DASHVILLE___HYD 23610	25.01 0.97 -1.05	23.49 1.22 0.00	22.22 0.79 -2.07	21.84 0.76 -2.99	21.85 0.76 -3.01	22.37 0.71 -3.79	24.98 0.81 -4.49	25.20 0.85 -3.62	26.63 1.11 -2.35	26.66 1.40 -0.34	28.71 1.38 -1.74	30.12 1.72 -2.38	30.63 2.13 -0.08	32.74 2.25 -0.08	35.24 2.32 -0.17	35.87 2.49 -0.12	46.57 2.65 -9.45	51.28 2.67 -12.94	42.94 2.02 -4.84	37.87 1.68 -4.40	33.59 1.39 -3.34	30.41 1.72 0.00	27.19 1.39 -0.60	24.86 0.89 -3.18

DEERFIELD_69_KV_DEERFIELD LD 355887	34.67 3.43 -8.25	30.05 3.38 -4.40	27.53 2.85 -5.33	23.64 2.64 -2.91	24.86 2.62 -4.15	28.66 2.59 -8.21	29.63 2.87 -7.07	34.25 3.19 -10.33	34.56 3.78 -7.62	35.94 4.29 -6.72	40.32 4.27 -10.46	39.93 4.40 -9.51	49.24 4.89 -15.93	49.57 5.17 -13.99	126.47 5.40 -88.33	133.01 5.62 -94.14	135.75 5.86 -95.42	182.63 6.10 -140.87	176.05 6.13 -133.84	179.49 5.31 -142.40	173.11 4.68 -139.58	63.33 4.82 -29.82	41.63 4.33 -12.09	41.37 3.30 -17.29
DELAWARE___LFGE 323621	24.12 0.76 -0.37	23.04 0.78 0.00	20.74 0.66 -0.72	19.73 0.60 -1.04	19.74 0.60 -1.05	19.81 0.63 -1.33	21.96 0.71 -1.57	22.66 0.66 -1.27	24.82 0.83 -0.82	26.02 0.97 -0.12	27.17 0.97 -0.61	27.79 0.96 -0.80	29.59 1.17 0.00	31.63 1.22 0.00	34.12 1.38 0.00	34.64 1.40 0.00	39.01 1.41 -3.13	41.53 1.50 -4.36	40.49 1.59 -2.82	35.87 1.40 -2.68	32.20 1.30 -2.04	29.98 1.29 0.00	26.50 1.08 -0.21	22.72 0.83 -1.11
DERFIELD_115KV_TB7 355931	23.10 0.11 0.00	22.37 0.11 0.00	19.45 0.10 0.00	18.16 0.07 0.00	18.16 0.07 0.00	17.93 0.07 0.00	19.77 0.08 0.00	20.79 0.06 0.00	23.23 0.07 0.00	25.03 0.10 0.00	25.66 0.08 0.00	26.10 0.08 0.00	28.54 0.11 0.00	30.53 0.12 0.00	32.87 0.13 0.00	33.41 0.17 0.00	34.57 0.10 0.00	35.77 0.11 0.00	36.19 0.11 0.00	31.88 0.10 0.00	28.94 0.09 0.00	28.75 0.06 0.00	25.28 0.08 0.00	20.82 0.04 0.00
DOGLEVILLE___HYD 23807	23.36 0.37 0.00	22.62 0.36 0.00	19.65 0.29 0.00	18.36 0.27 0.00	18.36 0.27 0.00	18.13 0.27 0.00	19.98 0.30 0.00	21.00 0.27 0.00	23.46 0.30 0.00	25.43 0.50 0.00	25.92 0.33 0.00	26.44 0.42 0.00	28.93 0.51 0.00	30.93 0.52 0.00	33.17 0.42 0.00	33.65 0.40 0.00	34.85 0.38 0.00	36.06 0.39 0.00	36.44 0.36 0.00	32.01 0.22 0.00	29.00 0.15 0.00	28.83 0.14 0.00	25.33 0.13 0.00	20.86 0.08 0.00
DUNKIRK___115KV_TB_200 55889	23.22 0.07 -0.16	22.62 0.36 0.00	19.64 -0.04 -0.32	18.46 -0.09 -0.46	18.39 -0.16 -0.47	18.43 -0.02 -0.59	20.11 -0.28 -0.70	20.53 -0.77 -0.56	22.86 -0.67 -0.36	24.18 -0.80 -0.05	25.06 -0.79 -0.27	25.55 -0.83 -0.36	27.80 -0.63 0.00	29.83 -0.58 0.00	32.15 -0.59 0.00	32.75 -0.50 0.00	34.48 -1.38 -1.39	36.54 -1.07 -1.94	35.82 -0.90 -0.65	32.08 -0.32 -0.61	29.50 0.17 -0.46	29.23 0.55 0.00	25.27 -0.03 -0.09	21.55 0.27 -0.50
DUNKIRK___1 23563	23.22 0.07 -0.16	22.62 0.36 0.00	19.64 -0.04 -0.32	18.46 -0.09 -0.46	18.39 -0.16 -0.47	18.43 -0.02 -0.59	20.11 -0.28 -0.70	20.53 -0.77 -0.56	22.86 -0.67 -0.36	24.18 -0.80 -0.05	25.06 -0.79 -0.27	25.55 -0.83 -0.36	27.80 -0.63 0.00	29.83 -0.58 0.00	32.15 -0.59 0.00	32.75 -0.50 0.00	34.48 -1.38 -1.39	36.54 -1.07 -1.94	35.82 -0.90 -0.65	32.08 -0.32 -0.61	29.50 0.17 -0.46	29.23 0.55 0.00	25.27 -0.03 -0.09	21.55 0.27 -0.50
DUNKIRK___2 23564	23.22 0.07 -0.16	22.62 0.36 0.00	19.64 -0.04 -0.32	18.46 -0.09 -0.46	18.39 -0.16 -0.47	18.43 -0.02 -0.59	20.11 -0.28 -0.70	20.53 -0.77 -0.56	22.86 -0.67 -0.36	24.18 -0.80 -0.05	25.06 -0.79 -0.27	25.55 -0.83 -0.36	27.80 -0.63 0.00	29.83 -0.58 0.00	32.15 -0.59 0.00	32.75 -0.50 0.00	34.48 -1.38 -1.39	36.54 -1.07 -1.94	35.82 -0.90 -0.65	32.08 -0.32 -0.61	29.50 0.17 -0.46	29.23 0.55 0.00	25.27 -0.03 -0.09	21.55 0.27 -0.50
DUNKIRK___3 23565	23.04 -0.11 -0.16	22.46 0.20 0.00	19.50 -0.17 -0.32	18.34 -0.22 -0.46	18.28 -0.27 -0.47	18.34 -0.11 -0.59	19.99 -0.39 -0.70	20.42 -0.87 -0.56	22.72 -0.81 -0.36	24.03 -0.95 -0.05	24.91 -0.95 -0.27	25.42 -0.96 -0.36	27.68 -0.74 0.00	29.68 -0.73 0.00	32.02 -0.72 0.00	32.62 -0.63 0.00	34.31 -1.55 -1.39	36.32 -1.28 -1.94	35.64 -1.08 -0.64	31.89 -0.51 -0.61	29.32 0.00 -0.46	29.06 0.37 0.00	25.12 -0.18 -0.09	21.42 0.15 -0.49
DUNKIRK___4 23566	23.04 -0.11 -0.16	22.46 0.20 0.00	19.50 -0.17 -0.32	18.34 -0.22 -0.46	18.28 -0.27 -0.47	18.34 -0.11 -0.59	19.99 -0.39 -0.70	20.42 -0.87 -0.56	22.72 -0.81 -0.36	24.03 -0.95 -0.05	24.91 -0.95 -0.27	25.42 -0.96 -0.36	27.68 -0.74 0.00	29.68 -0.73 0.00	32.02 -0.72 0.00	32.62 -0.63 0.00	34.31 -1.55 -1.39	36.32 -1.28 -1.94	35.64 -1.08 -0.64	31.89 -0.51 -0.61	29.32 0.00 -0.46	29.06 0.37 0.00	25.12 -0.18 -0.09	21.42 0.15 -0.49
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.52 1.52 -1.01	23.73 1.47 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.65 1.13 -3.66	25.28 1.26 -4.33	25.65 1.43 -3.49	27.19 1.76 -2.26	27.37 2.12 -0.32	29.44 2.17 -1.68	30.92 2.21 -2.68	31.14 2.42 -0.30	33.17 2.52 -0.24	35.87 2.62 -0.51	36.37 2.76 -0.36	47.42 2.96 -9.99	52.08 3.00 -13.41	43.60 2.96 -4.57	38.01 2.48 -3.75	33.81 2.11 -2.85	30.96 2.27 0.00	27.92 2.14 -0.58	25.33 1.48 -3.07
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.23 1.26 -0.98	23.53 1.27 0.00	22.32 1.05 -1.92	21.84 0.98 -2.77	21.85 0.98 -2.79	22.33 0.95 -3.52	24.89 1.04 -4.16	25.19 1.10 -3.36	26.71 1.37 -2.18	26.89 1.65 -0.31	28.87 1.66 -1.62	29.96 1.74 -2.19	30.50 1.93 -0.14	32.62 2.04 -0.18	35.25 2.13 -0.38	35.81 2.29 -0.27	46.23 2.45 -9.32	50.73 2.46 -12.60	42.78 2.42 -4.29	37.48 2.07 -3.63	33.38 1.76 -2.76	30.53 1.84 0.00	27.47 1.71 -0.56	24.90 1.16 -2.96
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.68 1.68 -1.01	23.84 1.58 0.00	22.61 1.26 -2.00	22.09 1.12 -2.88	22.15 1.16 -2.90	22.54 1.02 -3.66	25.20 1.18 -4.33	25.67 1.45 -3.49	27.28 1.85 -2.26	27.54 2.29 -0.32	29.62 2.35 -1.68	31.11 2.39 -2.69	31.28 2.56 -0.30	33.26 2.62 -0.24	35.91 2.65 -0.51	36.40 2.79 -0.36	47.49 3.03 -9.99	52.00 2.92 -13.41	43.60 2.96 -4.57	37.98 2.45 -3.75	33.81 2.11 -2.85	31.13 2.44 0.00	28.13 2.34 -0.59	25.50 1.64 -3.07
E179THST_13_KV_LOAD 356214	25.82 1.82 -1.01	23.95 1.69 0.00	22.71 1.35 -2.00	22.18 1.21 -2.88	22.24 1.25 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.80 1.58 -3.49	27.42 1.99 -2.26	27.69 2.44 -0.32	29.80 2.53 -1.68	31.26 2.55 -2.69	31.45 2.73 -0.30	33.47 2.83 -0.24	36.10 2.85 -0.51	36.60 2.99 -0.36	47.73 3.27 -9.99	52.25 3.17 -13.41	43.86 3.21 -4.57	38.20 2.67 -3.75	34.01 2.31 -2.85	31.30 2.61 0.00	28.31 2.52 -0.59	25.62 1.77 -3.07
EAST HAMPTON___GT 23717	35.06 3.82 -8.25	30.45 3.78 -4.40	27.86 3.17 -5.33	23.93 2.93 -2.91	25.15 2.91 -4.15	28.97 2.89 -8.21	29.97 3.21 -7.07	34.66 3.61 -10.33	35.00 4.22 -7.62	36.49 4.84 -6.73	40.90 4.86 -10.45	42.62 5.02 -11.57	49.95 5.60 -15.93	50.33 5.93 -13.99	127.24 6.15 -88.34	133.79 6.38 -94.16	136.56 6.65 -95.44	184.11 6.96 -141.49	177.50 6.96 -134.46	180.88 6.07 -143.02	174.37 5.31 -140.20	64.04 5.54 -29.81	42.16 4.86 -12.09	41.83 3.76 -17.29
EAST RIVER___6 23660	25.64 1.63 -1.01	23.82 1.56 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.16 1.17 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.80 1.57 -3.49	27.39 1.97 -2.26	27.60 2.34 -0.32	29.73 2.46 -1.68	31.18 2.47 -2.68	31.37 2.64 -0.30	33.38 2.74 -0.24	36.10 2.85 -0.51	36.64 3.03 -0.36	47.73 3.28 -9.99	52.40 3.32 -13.41	43.89 3.25 -4.57	38.20 2.67 -3.75	33.98 2.28 -2.85	31.16 2.47 0.00	28.18 2.40 -0.58	25.45 1.60 -3.07

EAST_RIVER___7 23524	25.64 1.63 -1.01	23.82 1.56 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.16 1.17 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.80 1.57 -3.49	27.39 1.97 -2.26	27.60 2.34 -0.32	29.73 2.46 -1.68	31.18 2.47 -2.68	31.37 2.64 -0.30	33.38 2.74 -0.24	36.10 2.85 -0.51	36.64 3.03 -0.36	47.73 3.28 -9.99	52.40 3.32 -13.41	43.89 3.25 -4.57	38.20 2.67 -3.75	33.98 2.28 -2.85	31.16 2.47 0.00	28.18 2.40 -0.58	25.45 1.60 -3.07
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.45 1.45 -1.01	23.69 1.42 0.00	22.53 1.18 -1.99	22.07 1.10 -2.88	22.08 1.10 -2.89	22.58 1.07 -3.65	25.21 1.20 -4.32	25.58 1.37 -3.48	27.09 1.67 -2.26	27.25 1.99 -0.32	29.34 2.07 -1.68	30.80 2.08 -2.69	31.03 2.30 -0.30	33.05 2.40 -0.24	35.74 2.49 -0.51	36.24 2.63 -0.36	47.26 2.83 -9.96	51.89 2.85 -13.38	43.45 2.81 -4.55	37.87 2.35 -3.73	33.72 2.02 -2.84	30.84 2.15 0.00	27.82 2.04 -0.58	25.24 1.39 -3.07
EAST_HAMPTON___DIESEL 23722	35.06 3.82 -8.25	30.45 3.78 -4.40	27.86 3.17 -5.33	23.95 2.95 -2.91	25.17 2.93 -4.15	28.97 2.89 -8.21	29.97 3.21 -7.07	34.66 3.61 -10.33	35.02 4.24 -7.62	36.49 4.84 -6.73	40.90 4.86 -10.45	42.65 5.05 -11.57	49.95 5.60 -15.93	50.36 5.96 -13.99	127.27 6.19 -88.34	133.79 6.38 -94.16	136.59 6.69 -95.44	184.08 6.96 -141.46	177.47 6.96 -134.43	180.85 6.07 -142.99	174.37 5.34 -140.17	64.04 5.54 -29.81	42.16 4.86 -12.09	41.83 3.76 -17.29
EAST_PULASKI___ESR 323781	22.88 -0.18 -0.07	22.08 -0.18 0.00	19.34 -0.15 -0.14	18.15 -0.14 -0.21	18.17 -0.13 -0.21	18.00 -0.13 -0.26	19.90 -0.10 -0.31	20.75 -0.23 -0.25	23.12 -0.21 -0.16	24.68 -0.27 -0.02	25.38 -0.33 -0.12	25.87 -0.31 -0.16	28.14 -0.28 0.00	30.08 -0.33 0.00	32.35 -0.39 0.00	32.78 -0.47 0.00	34.68 -0.41 -0.62	36.18 -0.36 -0.87	35.79 -0.29 0.00	31.53 -0.25 0.00	28.89 0.03 0.00	28.69 0.00 0.00	25.17 -0.08 -0.04	21.06 0.06 -0.22
EAST_RIVER___1 323558	25.61 1.61 -1.01	23.80 1.53 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.15 1.16 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.80 1.57 -3.49	27.35 1.92 -2.26	27.57 2.32 -0.32	29.67 2.40 -1.68	31.12 2.42 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.29 3.21 -13.41	43.82 3.18 -4.57	38.14 2.61 -3.75	33.93 2.22 -2.85	31.10 2.41 0.00	28.10 2.32 -0.58	25.43 1.58 -3.07
EAST_RIVER___2 323559	25.64 1.63 -1.01	23.82 1.56 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.16 1.17 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.80 1.57 -3.49	27.39 1.97 -2.26	27.60 2.34 -0.32	29.73 2.46 -1.68	31.18 2.47 -2.68	31.37 2.64 -0.30	33.38 2.74 -0.24	36.10 2.85 -0.51	36.64 3.03 -0.36	47.73 3.28 -9.99	52.40 3.32 -13.41	43.89 3.25 -4.57	38.20 2.67 -3.75	33.98 2.28 -2.85	31.16 2.47 0.00	28.18 2.40 -0.58	25.45 1.60 -3.07
EAST___DELAWARE_HYD 23607	24.93 1.06 -0.88	23.31 1.05 0.00	21.94 0.85 -1.73	21.39 0.80 -2.50	21.40 0.79 -2.52	21.81 0.77 -3.18	24.29 0.85 -3.76	24.65 0.89 -3.03	26.49 1.32 -2.00	26.74 1.52 -0.29	28.69 1.61 -1.49	29.65 1.61 -2.01	30.39 1.88 -0.09	32.53 2.01 -0.11	35.28 2.29 -0.25	35.88 2.46 -0.17	45.46 2.69 -8.30	48.99 2.21 -11.11	42.21 2.20 -3.92	37.11 1.87 -3.45	33.09 1.62 -2.62	30.32 1.63 0.00	27.22 1.51 -0.50	24.45 1.00 -2.67
EIGHT_POINT___WT_PWR 323820	23.48 0.30 -0.19	22.82 0.56 0.00	19.93 0.19 -0.38	18.79 0.14 -0.55	18.79 0.14 -0.56	18.78 0.22 -0.70	20.66 0.14 -0.83	21.30 -0.10 -0.67	23.46 -0.14 -0.43	24.79 -0.20 -0.06	25.63 -0.28 -0.32	26.19 -0.26 -0.43	28.45 0.03 0.00	30.50 0.09 0.00	32.87 0.13 0.00	33.41 0.17 0.00	35.78 -0.34 -1.66	37.87 -0.11 -2.31	37.09 0.22 -0.79	32.98 0.44 -0.75	30.24 0.81 -0.57	29.69 1.00 0.00	25.67 0.35 -0.11	21.83 0.46 -0.59
ELBRIDGE_115KV_TB2 80188	23.09 0.00 -0.11	22.28 0.02 0.00	19.58 0.02 -0.21	18.41 0.02 -0.30	18.39 0.00 -0.30	18.26 0.02 -0.38	20.17 0.04 -0.45	21.01 -0.08 -0.36	23.37 -0.02 -0.23	24.86 -0.10 -0.03	25.66 -0.10 -0.17	26.17 -0.08 -0.23	28.37 -0.06 0.00	30.35 -0.06 0.00	32.71 -0.03 0.00	33.25 0.00 0.00	35.30 -0.07 -0.90	36.91 0.00 -1.25	36.42 -0.04 -0.38	32.11 -0.03 -0.36	29.22 0.09 -0.27	28.80 0.11 0.00	25.31 0.05 -0.06	21.26 0.17 -0.32
ELEC_TRO_TEK 24086	33.13 1.89 -8.25	28.51 1.85 -4.40	26.23 1.55 -5.33	22.44 1.45 -2.91	23.67 1.43 -4.15	27.48 1.41 -8.21	28.33 1.57 -7.07	30.84 1.72 -8.39	32.87 2.08 -7.62	34.07 2.42 -6.72	33.06 2.43 -5.04	34.84 2.47 -6.34	35.13 2.73 -3.98	35.73 2.83 -2.49	36.74 2.95 -1.05	43.27 3.09 -6.93	48.79 3.31 -11.01	52.50 3.39 -13.45	44.25 3.39 -4.78	38.94 2.86 -4.29	34.75 2.48 -3.41	34.49 2.61 -3.19	34.25 2.50 -6.55	34.21 1.77 -11.66
ELLENBURG_WT_PWR 323604	23.04 0.05 0.00	22.26 0.00 0.00	19.30 -0.06 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.79 -0.07 0.00	19.69 0.00 0.00	20.88 0.15 0.00	23.28 0.12 0.00	25.00 0.08 0.00	25.69 0.10 0.00	26.08 0.05 0.00	28.37 -0.06 0.00	30.41 0.00 0.00	32.77 0.03 0.00	32.58 -0.66 0.00	33.71 -0.76 0.00	34.67 0.00 0.00	35.50 -0.58 0.00	31.56 -0.22 0.00	28.25 -0.61 0.00	27.80 -0.89 0.00	24.15 -1.06 0.00	19.78 -1.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.85 -0.30 -0.16	22.17 -0.09 0.00	19.35 -0.31 -0.31	18.21 -0.33 -0.44	18.19 -0.34 -0.44	18.21 -0.21 -0.56	19.84 -0.51 -0.66	20.21 -1.06 -0.53	22.47 -1.04 -0.35	23.78 -1.20 -0.05	24.62 -1.23 -0.26	25.17 -1.20 -0.34	27.31 -1.11 0.00	29.25 -1.16 0.00	31.50 -1.24 0.00	32.12 -1.13 0.00	33.83 -1.96 -1.32	35.76 -1.75 -1.84	34.95 -1.73 -0.61	31.25 -1.11 -0.58	28.78 -0.52 -0.44	28.60 -0.09 0.00	24.86 -0.43 -0.09	21.25 0.00 -0.47
EMPIRE_CC_1 323656	24.97 0.74 -1.25	22.97 0.71 0.00	22.43 0.62 -2.45	22.19 0.56 -3.54	22.25 0.60 -3.57	22.93 0.57 -4.50	25.60 0.59 -5.32	25.62 0.60 -4.29	26.68 0.74 -2.78	26.20 0.87 -0.40	28.55 0.92 -2.05	29.39 0.91 -2.46	29.03 1.02 0.41	30.94 1.00 0.47	32.77 1.05 1.02	33.68 1.16 0.73	43.59 1.17 -7.95	48.99 1.25 -12.08	42.16 1.23 -4.85	38.65 1.05 -5.82	34.23 0.95 -4.42	29.69 1.00 0.00	26.85 0.93 -0.71	25.22 0.66 -3.78
EMPIRE_CC_2 323658	24.97 0.74 -1.25	22.97 0.71 0.00	22.43 0.62 -2.45	22.19 0.56 -3.54	22.25 0.60 -3.57	22.93 0.57 -4.50	25.60 0.59 -5.32	25.62 0.60 -4.29	26.68 0.74 -2.78	26.20 0.87 -0.40	28.55 0.92 -2.05	29.39 0.91 -2.46	29.03 1.02 0.41	30.94 1.00 0.47	32.77 1.05 1.02	33.68 1.16 0.73	43.59 1.17 -7.95	48.99 1.25 -12.08	42.16 1.23 -4.85	38.65 1.05 -5.82	34.23 0.95 -4.42	29.69 1.00 0.00	26.85 0.93 -0.71	25.22 0.66 -3.78
ENORWICH_115KV_TB1 80156	24.69 1.43 -0.28	23.78 1.51 0.00	21.10 1.20 -0.55	19.97 1.09 -0.79	19.99 1.10 -0.80	20.03 1.16 -1.01	22.31 1.44 -1.19	22.98 1.29 -0.96	25.25 1.46 -0.62	26.64 1.62 -0.09	27.46 1.41 -0.46	28.12 1.48 -0.61	30.41 1.99 0.00	32.54 2.13 0.00	35.13 2.39 0.00	35.67 2.43 0.00	39.29 2.45 -2.38	41.72 2.75 -3.31	40.87 3.25 -1.55	36.09 2.83 -1.47	32.78 2.80 -1.12	31.21 2.52 0.00	27.28 1.92 -0.16	23.20 1.58 -0.85

ERIE_ST__34_KV_TB1-2 80199	22.71 -0.44 -0.16	22.44 0.18 0.00	19.23 -0.45 -0.32	18.08 -0.47 -0.46	18.06 -0.49 -0.46	18.12 -0.32 -0.58	19.74 -0.63 -0.69	20.17 -1.12 -0.55	22.46 -1.07 -0.36	23.81 -1.17 -0.05	24.65 -1.20 -0.27	25.23 -1.15 -0.35	27.88 -0.54 0.00	29.92 -0.49 0.00	32.25 -0.49 0.00	32.85 -0.40 0.00	34.05 -1.79 -1.37	36.01 -1.57 -1.91	35.81 -0.90 -0.64	32.00 -0.38 -0.60	29.40 0.09 -0.46	29.18 0.49 0.00	24.84 -0.45 -0.09	21.18 -0.08 -0.49
ERIE_WT_PWR 323693	22.90 -0.25 -0.16	22.31 0.04 0.00	19.40 -0.27 -0.31	18.25 -0.29 -0.45	18.23 -0.31 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.51 -0.77 -0.55	22.55 -0.97 -0.35	23.88 -1.10 -0.05	24.70 -1.15 -0.26	25.28 -1.09 -0.35	27.54 -0.88 0.00	29.53 -0.88 0.00	31.86 -0.88 0.00	32.38 -0.86 0.00	34.07 -1.76 -1.35	35.98 -1.57 -1.89	35.34 -1.37 -0.63	31.58 -0.79 -0.59	29.05 -0.26 -0.45	28.89 0.20 0.00	24.97 -0.33 -0.09	21.32 0.06 -0.48
ESPRGFLD_115KV_TB1 80157	23.87 1.17 0.29	23.46 1.20 0.00	19.80 1.01 0.56	18.18 0.90 0.81	18.17 0.90 0.82	17.79 0.96 1.03	19.63 1.16 1.22	20.88 1.14 0.99	23.87 1.34 0.64	26.33 1.50 0.09	26.54 1.43 0.48	26.77 1.43 0.68	30.02 1.71 0.11	32.11 1.82 0.12	34.57 2.10 0.27	35.25 2.19 0.19	33.57 2.24 3.14	33.98 2.43 4.12	47.19 2.71 -8.40	42.48 2.38 -8.31	37.40 2.22 -6.32	30.90 2.21 0.00	26.78 1.74 0.16	21.24 1.33 0.87
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.68 0.48 -0.21	22.80 0.53 0.00	20.17 0.41 -0.41	19.04 0.36 -0.59	19.05 0.36 -0.60	19.01 0.39 -0.75	21.07 0.49 -0.89	21.78 0.33 -0.72	24.07 0.44 -0.47	25.45 0.45 -0.07	26.32 0.38 -0.34	26.92 0.44 -0.46	29.02 0.60 0.00	31.08 0.67 0.00	33.46 0.72 0.00	34.01 0.76 0.00	37.01 0.76 -1.78	39.07 0.93 -2.48	38.02 1.05 -0.89	33.56 0.92 -0.85	30.51 1.01 -0.65	29.67 0.98 0.00	26.03 0.71 -0.12	22.08 0.66 -0.63
ETNA____115KV_TB2 80207	23.68 0.48 -0.21	22.80 0.53 0.00	20.17 0.41 -0.41	19.04 0.36 -0.59	19.05 0.36 -0.60	19.01 0.39 -0.75	21.07 0.49 -0.89	21.78 0.33 -0.72	24.07 0.44 -0.47	25.45 0.45 -0.07	26.32 0.38 -0.34	26.92 0.44 -0.46	29.02 0.60 0.00	31.08 0.67 0.00	33.46 0.72 0.00	34.01 0.76 0.00	37.01 0.76 -1.78	39.07 0.93 -2.48	38.02 1.05 -0.89	33.56 0.92 -0.85	30.51 1.01 -0.65	29.67 0.98 0.00	26.03 0.71 -0.12	22.08 0.66 -0.63
EUCLID__115KV_TB2 356179	22.87 -0.21 -0.08	22.06 -0.20 0.00	19.35 -0.17 -0.16	18.18 -0.14 -0.24	18.16 -0.16 -0.24	18.02 -0.14 -0.30	19.91 -0.14 -0.36	20.75 -0.27 -0.29	23.12 -0.23 -0.19	24.66 -0.30 -0.03	25.39 -0.33 -0.14	25.92 -0.29 -0.18	28.11 -0.31 0.00	30.08 -0.33 0.00	32.35 -0.39 0.00	32.88 -0.37 0.00	34.77 -0.41 -0.71	36.27 -0.39 -0.99	35.61 -0.47 0.00	31.37 -0.41 0.00	28.60 -0.26 0.00	28.46 -0.23 0.00	25.05 -0.20 -0.05	20.99 -0.04 -0.25
E_CANADA_CAP_HY 24051	26.15 1.52 -1.65	23.78 1.51 0.00	23.87 1.28 -3.24	23.92 1.16 -4.68	23.95 1.16 -4.71	25.03 1.23 -5.93	28.14 1.44 -7.02	27.87 1.47 -5.66	28.50 1.67 -3.67	27.30 1.84 -0.52	30.01 1.71 -2.71	31.23 1.69 -3.51	30.18 1.90 0.15	32.34 2.10 0.17	34.76 2.39 0.37	35.54 2.56 0.26	50.14 2.62 -13.05	57.10 2.89 -18.55	49.62 3.14 -10.40	44.98 2.86 -10.33	39.37 2.65 -7.86	31.42 2.73 0.00	28.28 2.14 -0.94	27.41 1.64 -4.99
E_CANADA_MHWK_HY 24050	23.36 0.37 0.00	22.62 0.36 0.00	19.65 0.29 0.00	18.36 0.27 0.00	18.36 0.27 0.00	18.13 0.27 0.00	19.98 0.30 0.00	21.00 0.27 0.00	23.46 0.30 0.00	25.43 0.50 0.00	25.92 0.33 0.00	26.44 0.42 0.00	28.93 0.51 0.00	30.93 0.52 0.00	33.17 0.42 0.00	33.65 0.40 0.00	34.85 0.38 0.00	36.06 0.39 0.00	36.44 0.36 0.00	32.01 0.22 0.00	29.00 0.15 0.00	28.83 0.14 0.00	25.33 0.13 0.00	20.86 0.08 0.00
E_FISHKILL__LBMP 23776	25.32 1.29 -1.04	23.53 1.27 0.00	22.47 1.06 -2.05	22.05 0.99 -2.96	22.06 0.99 -2.98	22.59 0.96 -3.76	25.20 1.06 -4.45	25.48 1.16 -3.59	26.90 1.41 -2.32	26.96 1.70 -0.33	29.08 1.77 -1.73	30.37 1.77 -2.58	30.64 1.96 -0.26	32.69 2.04 -0.24	35.40 2.13 -0.53	35.88 2.26 -0.38	47.15 2.41 -10.27	51.88 2.43 -13.79	43.19 2.42 -4.69	37.66 2.03 -3.84	33.51 1.73 -2.92	30.55 1.86 0.00	27.54 1.74 -0.60	25.14 1.21 -3.16
FALCON__SEABRD_CC1 323796	23.24 0.25 0.00	22.48 0.22 0.00	19.47 0.12 0.00	18.22 0.13 0.00	18.25 0.16 0.00	17.95 0.09 0.00	19.86 0.18 0.00	21.10 0.37 0.00	23.51 0.35 0.00	25.25 0.32 0.00	25.95 0.36 0.00	26.34 0.31 0.00	28.65 0.23 0.00	30.71 0.30 0.00	33.14 0.39 0.00	32.71 -0.53 0.00	33.78 -0.69 0.00	34.60 -1.07 0.00	35.65 -0.43 0.00	31.85 0.06 0.00	28.51 -0.35 0.00	28.03 -0.66 0.00	24.35 -0.86 0.00	19.95 -0.83 0.00
FALCON__SEABRD_CC2 323797	23.24 0.25 0.00	22.48 0.22 0.00	19.47 0.12 0.00	18.22 0.13 0.00	18.25 0.16 0.00	17.95 0.09 0.00	19.86 0.18 0.00	21.10 0.37 0.00	23.51 0.35 0.00	25.25 0.32 0.00	25.95 0.36 0.00	26.34 0.31 0.00	28.65 0.23 0.00	30.71 0.30 0.00	33.14 0.39 0.00	32.71 -0.53 0.00	33.78 -0.69 0.00	34.60 -1.07 0.00	35.65 -0.43 0.00	31.85 0.06 0.00	28.51 -0.35 0.00	28.03 -0.66 0.00	24.35 -0.86 0.00	19.95 -0.83 0.00
FAR ROCKAWAY__4 23548	33.52 2.28 -8.25	28.87 2.20 -4.40	26.54 1.86 -5.33	22.72 1.72 -2.91	23.96 1.72 -4.15	27.75 1.68 -8.21	28.61 1.85 -7.07	31.13 2.01 -8.39	33.22 2.43 -7.62	34.39 2.74 -6.72	33.42 2.79 -5.04	35.26 2.89 -6.34	35.61 3.21 -3.98	36.28 3.38 -2.49	37.21 3.54 -0.93	43.91 3.72 -6.93	49.38 3.90 -11.01	53.13 4.03 -13.43	44.82 4.04 -4.69	39.30 3.43 -4.08	35.06 3.00 -3.20	34.98 3.10 -3.19	34.65 2.90 -6.55	34.56 2.12 -11.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.61 1.61 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.80 1.58 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.15 2.45 -2.68	31.37 2.64 -0.30	33.35 2.71 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.66 3.21 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.17 2.64 -3.75	33.93 2.22 -2.85	31.13 2.44 0.00	28.13 2.34 -0.58	25.45 1.60 -3.07
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.64 1.63 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.68 1.16 -3.66	25.34 1.32 -4.33	25.80 1.58 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.15 2.45 -2.68	31.37 2.64 -0.30	33.35 2.71 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.66 3.21 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.17 2.64 -3.75	33.96 2.25 -2.85	31.16 2.47 0.00	28.13 2.34 -0.58	25.45 1.60 -3.07
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.61 1.61 -1.01	23.80 1.54 0.00	22.63 1.28 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.78 1.55 -3.49	27.35 1.92 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.12 2.42 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.54 2.93 -0.36	47.63 3.17 -9.99	52.25 3.17 -13.41	43.78 3.14 -4.57	38.14 2.61 -3.75	33.90 2.19 -2.85	31.13 2.44 0.00	28.10 2.32 -0.58	25.43 1.58 -3.07

FARRAGUT___LBMP 323566	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.10 2.39 -2.68	31.31 2.59 -0.30	33.29 2.65 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.59 3.14 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.87 2.16 -2.85	31.10 2.41 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
FENNER___WINDPWR 24204	23.50 0.39 -0.12	22.66 0.40 0.00	19.89 0.31 -0.23	18.69 0.27 -0.33	18.71 0.29 -0.33	18.59 0.30 -0.42	20.58 0.39 -0.50	21.48 0.35 -0.40	23.84 0.42 -0.26	25.44 0.47 -0.04	26.21 0.43 -0.19	26.77 0.49 -0.25	29.08 0.65 0.00	31.11 0.70 0.00	33.53 0.78 0.00	34.01 0.77 0.00	36.32 0.86 -0.99	37.97 0.93 -1.38	37.52 1.01 -0.43	33.05 0.86 -0.41	30.06 0.90 -0.31	29.49 0.80 0.00	25.87 0.60 -0.07	21.67 0.54 -0.35
FIBERTEK___ENERGY 23856	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.27 0.05 -0.36	20.21 0.10 -0.42	21.05 -0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.14 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
FITZPATRICK____ 23598	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.11	17.84 -0.42 -0.17	17.84 -0.42 -0.17	17.68 -0.39 -0.21	19.48 -0.45 -0.25	20.39 -0.54 -0.20	22.69 -0.60 -0.13	24.20 -0.75 -0.02	24.92 -0.77 -0.10	25.40 -0.76 -0.13	27.57 -0.85 0.00	29.53 -0.88 0.00	31.79 -0.95 0.00	32.28 -0.97 0.00	33.93 -1.03 -0.50	35.32 -1.04 -0.69	35.00 -1.08 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.94 -0.75 0.00	24.58 -0.66 -0.03	20.56 -0.40 -0.18
FLOWRFLD_69_KV_BK1 356044	33.89 2.64 -8.25	29.27 2.60 -4.40	26.87 2.19 -5.33	23.02 2.03 -2.91	24.27 2.03 -4.15	28.07 2.00 -8.21	28.98 2.22 -7.07	34.30 2.47 -11.10	33.68 2.90 -7.62	34.84 3.19 -6.72	39.66 3.17 -10.90	41.21 3.12 -12.06	48.68 3.38 -16.88	48.80 3.50 -14.90	160.07 3.77 -123.56	166.39 3.89 -129.25	167.98 4.10 -129.40	158.90 4.24 -118.99	153.05 4.29 -112.68	160.42 3.66 -124.98	153.48 3.23 -121.39	64.00 3.41 -31.89	41.63 3.25 -13.18	41.57 2.39 -18.40
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.55 1.54 -1.02	23.78 1.51 0.00	22.62 1.26 -2.01	22.18 1.19 -2.90	22.18 1.18 -2.92	22.68 1.14 -3.68	25.30 1.26 -4.35	25.55 1.31 -3.51	27.06 1.62 -2.27	27.17 1.92 -0.33	29.25 1.97 -1.69	30.48 2.06 -2.40	30.90 2.30 -0.18	33.02 2.43 -0.18	35.69 2.55 -0.39	36.25 2.73 -0.28	47.08 2.90 -9.71	51.77 2.96 -13.15	43.47 2.92 -4.46	38.06 2.48 -3.79	33.88 2.14 -2.88	30.87 2.18 0.00	27.78 1.99 -0.58	25.26 1.39 -3.09
FORT ORANGE____ 23900	25.06 0.78 -1.29	23.02 0.76 0.00	22.54 0.64 -2.55	22.34 0.58 -3.67	22.36 0.58 -3.70	23.11 0.59 -4.66	25.85 0.65 -5.52	25.82 0.64 -4.45	26.84 0.79 -2.88	26.29 0.95 -0.41	28.69 0.97 -2.13	29.75 1.01 -2.71	29.35 1.14 0.21	31.39 1.22 0.24	33.46 1.24 0.53	34.24 1.36 0.37	45.53 1.41 -9.65	51.15 1.53 -13.95	45.26 1.48 -7.70	41.04 1.30 -7.95	36.09 1.18 -6.04	29.89 1.20 0.00	26.97 1.03 -0.74	25.42 0.73 -3.92
FORT_DRUM_COGEN 23780	22.90 -0.14 -0.05	22.13 -0.13 0.00	19.34 -0.12 -0.10	18.11 -0.13 -0.15	18.13 -0.11 -0.15	17.94 -0.11 -0.19	19.93 0.02 -0.22	20.81 -0.10 -0.18	23.14 -0.14 -0.12	24.77 -0.17 -0.02	25.39 -0.28 -0.09	25.85 -0.29 -0.11	28.28 -0.14 0.00	30.23 -0.18 0.00	32.81 0.07 0.00	33.15 -0.10 0.00	35.15 0.24 -0.44	36.64 0.36 -0.62	36.77 0.69 0.00	32.45 0.67 0.00	29.69 0.84 0.00	29.21 0.52 0.00	25.53 0.30 -0.03	21.19 0.25 -0.16
FPL_FAR_ROCK_GT1 24212	33.52 2.28 -8.25	28.87 2.20 -4.40	26.54 1.86 -5.33	22.72 1.72 -2.91	23.94 1.70 -4.15	27.75 1.68 -8.21	28.61 1.85 -7.07	31.15 2.03 -8.39	33.21 2.43 -7.62	34.39 2.74 -6.72	33.42 2.79 -5.04	35.26 2.89 -6.34	35.61 3.21 -3.98	36.28 3.38 -2.49	37.17 3.51 -0.93	43.90 3.72 -6.93	49.41 3.93 -11.01	53.13 4.03 -13.43	44.81 4.04 -4.69	39.30 3.43 -4.08	35.06 3.00 -3.20	35.01 3.13 -3.19	34.66 2.90 -6.56	34.57 2.12 -11.67
FPL_FAR_ROCK_GT2 23815	33.52 2.28 -8.25	28.87 2.20 -4.40	26.54 1.86 -5.33	22.72 1.72 -2.91	23.94 1.70 -4.15	27.75 1.68 -8.21	28.61 1.85 -7.07	31.15 2.03 -8.39	33.21 2.43 -7.62	34.39 2.74 -6.72	33.42 2.79 -5.04	35.26 2.89 -6.34	35.61 3.21 -3.98	36.28 3.38 -2.49	37.17 3.51 -0.93	43.90 3.72 -6.93	49.41 3.93 -11.01	53.13 4.03 -13.43	44.81 4.04 -4.69	39.30 3.43 -4.08	35.06 3.00 -3.20	35.01 3.13 -3.19	34.66 2.90 -6.56	34.57 2.12 -11.67
FRANKLIN_FALL_HYD 24054	22.83 -0.16 0.00	22.08 -0.18 0.00	19.12 -0.23 0.00	17.89 -0.20 0.00	17.92 -0.16 0.00	17.65 -0.21 0.00	19.53 -0.16 0.00	20.81 0.08 0.00	23.12 -0.05 0.00	24.88 -0.05 0.00	25.51 -0.08 0.00	25.97 -0.05 0.00	28.25 -0.17 0.00	30.32 -0.09 0.00	32.64 -0.10 0.00	32.58 -0.66 0.00	33.92 -0.55 0.00	34.77 -0.89 0.00	35.54 -0.54 0.00	31.50 -0.29 0.00	28.22 -0.63 0.00	27.77 -0.92 0.00	24.17 -1.03 0.00	19.80 -0.98 0.00
FREEPORT_EQUS_GT1 23764	33.38 2.14 -8.25	28.76 2.09 -4.40	26.43 1.74 -5.33	22.63 1.63 -2.91	23.85 1.61 -4.15	27.66 1.59 -8.21	28.53 1.77 -7.07	31.11 1.97 -8.41	33.12 2.34 -7.62	34.34 2.69 -6.72	33.34 2.71 -5.04	35.12 2.76 -6.34	35.47 3.07 -3.98	36.13 3.22 -2.49	37.50 3.34 -1.41	43.70 3.52 -6.93	49.21 3.72 -11.01	53.01 3.85 -13.49	44.92 3.82 -5.02	39.97 3.27 -4.91	35.77 2.86 -4.05	34.89 3.01 -3.19	34.55 2.80 -6.55	34.48 2.04 -11.66
FREEPORT___CT2 23818	33.38 2.14 -8.25	28.76 2.09 -4.40	26.43 1.74 -5.33	22.63 1.63 -2.91	23.85 1.61 -4.15	27.66 1.59 -8.21	28.53 1.77 -7.07	31.11 1.97 -8.41	33.12 2.34 -7.62	34.34 2.69 -6.72	33.34 2.71 -5.04	35.12 2.76 -6.34	35.47 3.07 -3.98	36.13 3.22 -2.49	37.50 3.34 -1.41	43.70 3.52 -6.93	49.21 3.72 -11.01	53.01 3.85 -13.49	44.92 3.82 -5.02	39.97 3.27 -4.91	35.77 2.86 -4.05	34.89 3.01 -3.19	34.55 2.80 -6.55	34.48 2.04 -11.66
FRESHKLS_33_KV_LOAD 356253	25.83 1.82 -1.02	23.95 1.69 0.00	22.69 1.34 -2.00	22.20 1.23 -2.88	22.22 1.23 -2.90	22.59 1.07 -3.66	25.24 1.22 -4.33	25.74 1.51 -3.49	27.34 1.92 -2.25	30.87 2.37 -3.57	29.72 2.43 -1.70	31.14 2.45 -2.67	31.36 2.64 -0.29	33.38 2.74 -0.23	36.06 2.82 -0.50	36.56 2.96 -0.36	47.69 3.24 -9.98	52.28 3.21 -13.41	43.85 3.21 -4.56	38.26 2.73 -3.74	34.06 2.37 -2.84	31.33 2.61 -0.03	31.51 2.52 -3.79	25.64 1.77 -3.09
FULTON COGEN____ 23766	22.79 -0.28 -0.08	21.99 -0.27 0.00	19.30 -0.21 -0.16	18.14 -0.18 -0.23	18.12 -0.20 -0.23	17.97 -0.18 -0.29	19.83 -0.20 -0.34	20.69 -0.31 -0.28	23.04 -0.30 -0.18	24.58 -0.37 -0.03	25.31 -0.41 -0.13	25.83 -0.36 -0.17	28.02 -0.40 0.00	30.01 -0.40 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.63 -0.52 -0.68	36.11 -0.50 -0.95	35.54 -0.54 0.00	31.31 -0.48 0.00	28.57 -0.29 0.00	28.43 -0.26 0.00	25.00 -0.25 -0.05	20.96 -0.06 -0.24



FULTON___LFGE 323630	26.62 2.09 -1.54	24.31 2.05 0.00	24.10 1.70 -3.04	24.05 1.57 -4.39	24.07 1.57 -4.42	25.07 1.64 -5.57	28.22 1.95 -6.59	28.10 2.05 -5.31	28.92 2.32 -3.44	28.46 3.04 -0.49	30.66 2.53 -2.54	32.35 3.04 -3.28	31.58 3.32 0.16	33.87 3.65 0.19	35.67 3.34 0.42	36.61 3.66 0.30	50.22 3.69 -12.06	56.98 4.10 -17.22	51.66 4.33 -11.25	46.89 3.91 -11.20	40.95 3.58 -8.51	32.25 3.56 0.00	28.86 2.77 -0.88	27.66 2.20 -4.68
G.F.CEMENT___DRP 24184	26.23 1.89 -1.35	24.04 1.78 0.00	23.51 1.49 -2.66	23.30 1.37 -3.84	23.31 1.36 -3.87	24.15 1.41 -4.87	27.05 1.59 -5.77	27.06 1.68 -4.65	28.15 1.97 -3.01	27.63 2.27 -0.43	30.09 2.28 -2.22	31.20 2.37 -2.81	30.73 2.56 0.25	32.77 2.65 0.29	34.91 2.78 0.62	35.73 2.93 0.44	47.33 2.96 -9.90	53.20 3.14 -14.40	51.17 3.32 -11.77	46.73 3.02 -11.93	40.90 2.97 -9.07	31.64 2.96 0.00	28.39 2.42 -0.77	26.68 1.81 -4.09
GARDENVILLE___LBMP 24039	22.85 -0.30 -0.16	22.26 0.00 0.00	19.36 -0.31 -0.31	18.21 -0.33 -0.45	18.18 -0.36 -0.45	18.22 -0.21 -0.57	19.85 -0.51 -0.68	20.24 -1.04 -0.54	22.50 -1.02 -0.35	23.83 -1.15 -0.05	24.65 -1.20 -0.26	25.20 -1.17 -0.35	27.43 -0.99 0.00	29.38 -1.03 0.00	31.66 -1.08 0.00	32.25 -1.00 0.00	33.92 -1.90 -1.35	35.90 -1.64 -1.88	35.19 -1.52 -0.62	31.45 -0.92 -0.59	28.96 -0.35 -0.45	28.75 0.06 0.00	24.92 -0.38 -0.09	21.28 0.02 -0.48
GARDNVLA_35_KV_LD 355827	22.94 -0.21 -0.16	22.35 0.09 0.00	19.42 -0.25 -0.31	18.27 -0.27 -0.45	18.25 -0.29 -0.46	18.29 -0.14 -0.57	19.93 -0.43 -0.68	20.30 -0.97 -0.55	22.59 -0.93 -0.35	23.93 -1.05 -0.05	24.75 -1.10 -0.26	25.33 -1.04 -0.35	27.60 -0.82 0.00	29.59 -0.82 0.00	31.86 -0.88 0.00	32.45 -0.80 0.00	34.10 -1.72 -1.36	36.09 -1.46 -1.89	35.41 -1.30 -0.63	31.65 -0.73 -0.59	29.11 -0.20 -0.45	28.92 0.23 0.00	25.02 -0.28 -0.09	21.37 0.10 -0.48
GELCKHM___115KV_LOAD 80723	22.96 -0.11 -0.09	22.15 -0.11 0.00	19.43 -0.10 -0.18	18.27 -0.07 -0.25	18.25 -0.09 -0.26	18.11 -0.07 -0.32	20.01 -0.06 -0.38	20.85 -0.19 -0.31	23.25 -0.12 -0.20	24.78 -0.17 -0.03	25.53 -0.20 -0.15	26.06 -0.16 -0.20	28.25 -0.17 0.00	30.23 -0.18 0.00	32.55 -0.20 0.00	33.05 -0.20 0.00	34.99 -0.24 -0.76	36.51 -0.21 -1.06	35.83 -0.25 0.00	31.53 -0.25 0.00	28.74 -0.12 0.00	28.60 -0.09 0.00	25.15 -0.10 -0.05	21.11 0.06 -0.27
GENERAL___MILLS 23808	22.87 -0.28 -0.16	22.31 0.04 0.00	19.38 -0.29 -0.31	18.23 -0.31 -0.45	18.22 -0.33 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.26 -1.02 -0.55	22.52 -1.00 -0.35	23.86 -1.12 -0.05	24.70 -1.15 -0.26	25.25 -1.12 -0.35	27.51 -0.91 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.38 -0.86 0.00	34.00 -1.83 -1.35	35.98 -1.57 -1.89	35.30 -1.41 -0.63	31.55 -0.83 -0.59	29.05 -0.26 -0.45	28.83 0.14 0.00	24.94 -0.35 -0.09	21.30 0.04 -0.48
GE_PLASTICS___DRP 24183	25.04 0.76 -1.29	23.00 0.73 0.00	22.52 0.62 -2.55	22.35 0.58 -3.68	22.37 0.58 -3.70	23.10 0.57 -4.67	25.84 0.63 -5.52	25.81 0.62 -4.45	26.81 0.76 -2.89	26.26 0.92 -0.41	28.67 0.95 -2.13	29.76 0.99 -2.75	29.37 1.11 0.16	31.37 1.16 0.20	33.49 1.18 0.43	34.24 1.30 0.31	45.69 1.31 -9.91	51.28 1.39 -14.22	44.51 1.37 -7.06	40.21 1.21 -7.22	35.42 1.07 -5.49	29.81 1.12 0.00	26.92 0.98 -0.74	25.39 0.69 -3.92
GILBOA___1 23756	24.79 0.80 -0.99	23.06 0.80 0.00	22.05 0.74 -1.96	21.60 0.69 -2.83	21.60 0.67 -2.85	22.13 0.68 -3.59	24.66 0.73 -4.25	24.84 0.68 -3.42	26.21 0.83 -2.22	26.25 1.00 -0.32	28.25 1.02 -1.64	29.28 1.04 -2.22	29.60 1.17 -0.01	31.63 1.22 0.00	34.02 1.28 0.00	34.61 1.36 0.00	44.26 1.31 -8.48	48.83 1.35 -11.81	41.05 1.37 -3.60	36.48 1.27 -3.43	32.59 1.12 -2.60	29.87 1.18 0.00	26.83 1.06 -0.57	24.56 0.77 -3.01
GILBOA___2 23757	24.79 0.80 -0.99	23.06 0.80 0.00	22.05 0.74 -1.96	21.60 0.69 -2.83	21.60 0.67 -2.85	22.13 0.68 -3.59	24.66 0.73 -4.25	24.84 0.68 -3.42	26.21 0.83 -2.22	26.25 1.00 -0.32	28.25 1.02 -1.64	29.28 1.04 -2.22	29.60 1.17 -0.01	31.63 1.22 0.00	34.02 1.28 0.00	34.61 1.36 0.00	44.26 1.31 -8.48	48.83 1.35 -11.81	41.05 1.37 -3.60	36.48 1.27 -3.43	32.59 1.12 -2.60	29.87 1.18 0.00	26.83 1.06 -0.57	24.56 0.77 -3.01
GILBOA___3 23758	24.79 0.80 -0.99	23.06 0.80 0.00	22.05 0.74 -1.96	21.60 0.69 -2.83	21.60 0.67 -2.85	22.13 0.68 -3.59	24.66 0.73 -4.25	24.84 0.68 -3.42	26.21 0.83 -2.22	26.25 1.00 -0.32	28.25 1.02 -1.64	29.28 1.04 -2.22	29.60 1.17 -0.01	31.63 1.22 0.00	34.02 1.28 0.00	34.61 1.36 0.00	44.26 1.31 -8.48	48.83 1.35 -11.81	41.05 1.37 -3.60	36.48 1.27 -3.43	32.59 1.12 -2.60	29.87 1.18 0.00	26.83 1.06 -0.57	24.56 0.77 -3.01
GILBOA___4 23759	24.79 0.80 -0.99	23.06 0.80 0.00	22.05 0.74 -1.96	21.60 0.69 -2.83	21.60 0.67 -2.85	22.13 0.68 -3.59	24.66 0.73 -4.25	24.84 0.68 -3.42	26.21 0.83 -2.22	26.25 1.00 -0.32	28.25 1.02 -1.64	29.28 1.04 -2.22	29.60 1.17 -0.01	31.63 1.22 0.00	34.02 1.28 0.00	34.61 1.36 0.00	44.26 1.31 -8.48	48.83 1.35 -11.81	41.05 1.37 -3.60	36.48 1.27 -3.43	32.59 1.12 -2.60	29.87 1.18 0.00	26.83 1.06 -0.57	24.56 0.77 -3.01
GILBOA___ 23599	24.79 0.80 -0.99	23.06 0.80 0.00	22.05 0.74 -1.96	21.60 0.69 -2.83	21.60 0.67 -2.85	22.13 0.68 -3.59	24.66 0.73 -4.25	24.84 0.68 -3.42	26.22 0.83 -2.22	26.24 1.00 -0.32	28.25 1.02 -1.64	29.28 1.04 -2.22	29.60 1.17 -0.01	31.63 1.22 0.00	34.02 1.28 0.00	34.61 1.36 0.00	44.26 1.31 -8.48	48.83 1.36 -11.81	41.05 1.37 -3.60	36.48 1.27 -3.43	32.59 1.13 -2.60	29.87 1.18 0.00	26.83 1.06 -0.57	24.56 0.77 -3.01
GINNA___ 23603	22.14 -0.96 -0.11	21.24 -1.02 0.00	18.75 -0.83 -0.22	17.61 -0.80 -0.32	17.61 -0.80 -0.32	17.52 -0.75 -0.41	19.26 -0.91 -0.48	20.02 -1.10 -0.39	22.16 -1.25 -0.25	23.57 -1.40 -0.04	24.44 -1.33 -0.19	24.94 -1.33 -0.25	26.91 -1.51 0.00	28.80 -1.61 0.00	31.04 -1.70 0.00	31.55 -1.69 0.00	33.67 -1.76 -0.96	35.33 -1.68 -1.34	34.54 -1.95 -0.41	30.56 -1.62 -0.39	27.83 -1.33 -0.30	27.51 -1.18 0.00	24.21 -1.06 -0.06	20.48 -0.64 -0.34
GLEN PARK___ 23778	23.04 0.00 -0.05	22.28 0.02 0.00	19.46 0.00 -0.11	18.22 -0.02 -0.15	18.24 0.00 -0.15	18.07 0.02 -0.19	20.07 0.16 -0.23	20.94 0.02 -0.18	23.28 0.00 -0.12	24.92 -0.02 -0.02	25.52 -0.15 -0.09	26.01 -0.13 -0.12	28.45 0.03 0.00	30.41 0.00 0.00	33.04 0.29 0.00	33.38 0.13 0.00	35.44 0.52 -0.46	36.91 0.61 -0.64	37.13 1.05 0.00	32.74 0.95 0.00	30.01 1.16 0.00	29.49 0.80 0.00	25.76 0.53 -0.03	21.38 0.44 -0.16
GLENDALE_27_KV_LOAD 356172	25.77 1.77 -1.01	23.93 1.67 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.26 1.27 -2.90	22.70 1.18 -3.66	25.39 1.38 -4.33	25.88 1.66 -3.49	27.51 2.08 -2.26	28.84 2.54 -1.37	29.88 2.61 -1.68	31.37 2.65 -2.69	31.56 2.84 -0.30	33.60 2.95 -0.24	36.23 2.98 -0.51	36.77 3.16 -0.36	47.84 3.38 -9.99	52.43 3.35 -13.41	44.00 3.36 -4.57	38.33 2.80 -3.75	34.13 2.42 -2.85	31.39 2.70 0.00	28.36 2.57 -0.59	25.60 1.75 -3.07

GLENWOOD_IC_1_G5 23712	33.10 1.86 -8.25	28.49 1.83 -4.40	26.22 1.53 -5.33	22.43 1.43 -2.91	23.65 1.41 -4.15	27.47 1.39 -8.21	28.31 1.56 -7.07	30.88 1.74 -8.41	32.89 2.11 -7.62	34.14 2.49 -6.72	33.19 2.56 -5.04	34.89 2.52 -6.34	35.10 2.70 -3.98	35.73 2.83 -2.49	37.08 2.95 -1.39	43.27 3.09 -6.93	48.76 3.27 -11.01	52.51 3.35 -13.49	44.40 3.32 -5.00	39.45 2.80 -4.87	35.26 2.40 -4.01	34.52 2.64 -3.19	34.28 2.52 -6.55	34.25 1.81 -11.66
GLENWOOD_IC_2_G1 23688	32.94 1.70 -8.25	28.33 1.67 -4.40	26.08 1.39 -5.33	22.30 1.30 -2.91	23.53 1.28 -4.15	27.34 1.27 -8.21	28.17 1.42 -7.07	30.74 1.62 -8.39	32.70 1.92 -7.62	33.94 2.29 -6.72	32.98 2.35 -5.04	34.74 2.37 -6.34	35.01 2.61 -3.98	35.61 2.71 -2.49	36.49 2.82 -0.93	43.18 2.99 -6.93	48.65 3.17 -11.01	52.34 3.25 -13.43	43.98 3.21 -4.69	38.57 2.70 -4.08	34.39 2.34 -3.20	34.35 2.47 -3.19	34.07 2.32 -6.55	34.08 1.64 -11.66
GLENWOOD_IC_3_G1 23689	32.94 1.70 -8.25	28.33 1.67 -4.40	26.08 1.39 -5.33	22.30 1.30 -2.91	23.53 1.28 -4.15	27.34 1.27 -8.21	28.17 1.42 -7.07	30.74 1.62 -8.39	32.70 1.92 -7.62	33.94 2.29 -6.72	32.98 2.35 -5.04	34.74 2.37 -6.34	35.01 2.61 -3.98	35.61 2.71 -2.49	36.49 2.82 -0.93	43.18 2.99 -6.93	48.65 3.17 -11.01	52.34 3.25 -13.43	43.98 3.21 -4.69	38.57 2.70 -4.08	34.39 2.34 -3.20	34.35 2.47 -3.19	34.07 2.32 -6.55	34.08 1.64 -11.66
GLENWOOD___4 23550	33.10 1.86 -8.25	28.49 1.83 -4.40	26.22 1.53 -5.33	22.43 1.43 -2.91	23.65 1.41 -4.15	27.47 1.39 -8.21	28.31 1.56 -7.07	30.88 1.74 -8.41	32.89 2.11 -7.62	34.14 2.49 -6.72	33.19 2.56 -5.04	34.92 2.55 -6.34	35.16 2.76 -3.98	35.79 2.89 -2.49	37.14 3.01 -1.39	43.37 3.19 -6.93	48.86 3.38 -11.01	52.61 3.46 -13.49	44.51 3.43 -5.00	39.51 2.86 -4.87	35.35 2.48 -4.01	34.55 2.67 -3.19	34.28 2.52 -6.55	34.25 1.81 -11.66
GLENWOOD___5 23614	33.10 1.86 -8.25	28.49 1.83 -4.40	26.22 1.53 -5.33	22.43 1.43 -2.91	23.65 1.41 -4.15	27.47 1.39 -8.21	28.31 1.56 -7.07	30.88 1.74 -8.41	32.89 2.11 -7.62	34.14 2.49 -6.72	33.19 2.56 -5.04	34.92 2.55 -6.34	35.16 2.76 -3.98	35.79 2.89 -2.49	37.14 3.01 -1.39	43.37 3.19 -6.93	48.86 3.38 -11.01	52.61 3.46 -13.49	44.51 3.43 -5.00	39.51 2.86 -4.87	35.35 2.48 -4.01	34.55 2.67 -3.19	34.28 2.52 -6.55	34.25 1.81 -11.66
GLOBAL GREEN_PORT_GT1 23814	34.94 3.70 -8.25	30.34 3.67 -4.40	27.76 3.08 -5.33	23.84 2.84 -2.91	25.08 2.84 -4.15	28.88 2.80 -8.21	29.87 3.11 -7.07	34.56 4.10 -10.33	34.88 4.10 -7.62	36.37 4.71 -6.73	40.75 4.71 -10.45	42.49 4.89 -11.58	49.81 5.46 -15.93	50.17 5.78 -13.98	127.09 5.99 -88.36	133.64 6.22 -94.18	136.40 6.48 -95.46	184.78 6.78 -142.33	178.16 6.78 -135.30	181.56 5.91 -143.86	175.09 5.19 -141.04	63.89 5.39 -29.81	42.03 4.74 -12.09	41.73 3.66 -17.29
GLOBE___DSASP 323697	22.40 -0.74 -0.15	21.42 -0.85 0.00	18.98 -0.66 -0.29	17.87 -0.63 -0.42	17.87 -0.63 -0.42	17.87 -0.52 -0.53	19.39 -0.93 -0.62	19.60 -1.64 -0.50	21.75 -1.74 -0.33	23.03 -1.94 -0.05	23.81 -2.02 -0.24	24.34 -2.00 -0.32	26.18 -2.25 0.00	27.98 -2.43 0.00	30.16 -2.59 0.00	30.75 -2.49 0.00	32.61 -3.10 -1.25	34.37 -3.03 -1.74	33.36 -3.25 -0.53	29.87 -2.45 -0.54	27.56 -1.70 -0.41	27.48 -1.20 0.00	24.15 -1.13 -0.08	20.70 -0.52 -0.44
GOETHSLN___LBMP 323567	25.45 1.45 -1.01	23.66 1.40 0.00	22.50 1.14 -2.00	22.04 1.07 -2.88	22.06 1.07 -2.90	22.56 1.04 -3.66	25.22 1.20 -4.33	25.65 1.43 -3.49	27.23 1.81 -2.26	27.47 2.22 -0.32	29.55 2.28 -1.68	30.99 2.29 -2.68	31.17 2.44 -0.30	33.17 2.52 -0.24	35.81 2.55 -0.51	36.30 2.69 -0.36	47.39 2.93 -9.99	52.04 2.96 -13.41	43.53 2.89 -4.57	37.91 2.38 -3.75	33.73 2.02 -2.85	30.96 2.27 0.00	27.97 2.19 -0.58	25.31 1.45 -3.07
GOLAH___69_KV_TB 1_2 80279	23.34 0.23 -0.12	22.48 0.22 0.00	19.78 0.19 -0.24	18.57 0.14 -0.34	18.56 0.13 -0.34	18.49 0.20 -0.43	20.28 0.08 -0.51	20.79 -0.35 -0.41	23.15 -0.28 -0.27	24.64 -0.32 -0.04	25.45 -0.33 -0.20	26.05 -0.23 -0.26	28.08 -0.34 0.00	30.05 -0.36 0.00	32.25 -0.49 0.00	32.82 -0.43 0.00	34.83 -0.65 -1.02	36.62 -0.46 -1.42	35.87 -0.65 -0.44	31.82 -0.38 -0.42	29.12 -0.06 -0.32	28.89 0.20 0.00	25.40 0.13 -0.07	21.58 0.44 -0.36
GOODYEAR_LAKE_HYD 323669	24.09 0.92 -0.18	23.22 0.96 0.00	20.50 0.79 -0.35	19.32 0.72 -0.50	19.32 0.72 -0.51	19.25 0.75 -0.64	21.33 0.89 -0.76	22.21 0.87 -0.61	24.60 1.04 -0.39	26.21 1.22 -0.06	27.08 1.20 -0.29	27.61 1.20 -0.39	29.87 1.45 0.00	31.96 1.55 0.00	34.48 1.74 0.00	35.04 1.80 0.00	37.80 1.83 -1.51	39.69 1.93 -2.10	42.80 2.13 -4.60	38.00 1.84 -4.37	33.92 1.73 -3.33	30.35 1.66 0.00	26.66 1.36 -0.10	22.35 1.04 -0.54
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.47 0.18 -0.30	22.57 0.31 0.00	20.10 0.15 -0.59	19.06 0.13 -0.85	19.07 0.13 -0.85	19.10 0.16 -1.07	21.11 0.16 -1.27	21.76 0.00 -1.03	23.92 0.09 -0.66	25.12 0.10 -0.09	26.16 0.08 -0.49	26.78 0.10 -0.65	28.71 0.28 0.00	30.74 0.33 0.00	33.13 0.39 0.00	33.68 0.43 0.00	37.21 0.21 -2.54	39.49 0.29 -3.54	37.81 0.43 -1.30	33.47 0.44 -1.24	30.38 0.58 -0.94	29.35 0.66 0.00	25.75 0.38 -0.17	22.06 0.37 -0.90
GOUDEY___7 23579	23.49 0.21 -0.30	22.60 0.33 0.00	20.10 0.15 -0.59	19.08 0.14 -0.85	19.08 0.14 -0.85	19.12 0.18 -1.07	21.13 0.18 -1.27	21.78 0.02 -1.03	23.94 0.12 -0.66	25.15 0.12 -0.09	26.18 0.10 -0.49	26.80 0.13 -0.65	28.73 0.31 0.00	30.81 0.40 0.00	33.17 0.43 0.00	33.75 0.50 0.00	37.25 0.24 -2.54	39.56 0.36 -3.54	37.85 0.47 -1.30	33.50 0.48 -1.24	30.41 0.61 -0.94	29.38 0.69 0.00	25.78 0.40 -0.17	22.08 0.39 -0.90
GOUDEY___8 23580	23.47 0.18 -0.30	22.57 0.31 0.00	20.10 0.15 -0.59	19.06 0.13 -0.85	19.07 0.13 -0.85	19.10 0.16 -1.07	21.11 0.16 -1.27	21.76 0.00 -1.03	23.92 0.09 -0.66	25.12 0.10 -0.09	26.16 0.08 -0.49	26.78 0.10 -0.65	28.71 0.28 0.00	30.74 0.33 0.00	33.13 0.39 0.00	33.68 0.43 0.00	37.21 0.21 -2.54	39.49 0.29 -3.54	37.81 0.43 -1.30	33.47 0.44 -1.24	30.38 0.58 -0.94	29.35 0.66 0.00	25.75 0.38 -0.17	22.06 0.37 -0.90
GOWANUS_GT1_1 24077	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT1_2 24078	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09

GOWANUS_GT1_3 24079	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT1_4 24080	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT1_5 24084	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT1_6 24111	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT1_7 24112	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT1_8 24113	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_1 24114	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_2 24115	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_3 24116	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_4 24117	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_5 24118	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_6 24119	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_7 24120	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT2_8 24121	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_1 24122	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09

GOWANUS_GT3_2 24123	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_3 24124	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_4 24125	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_5 24126	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_6 24127	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_7 24128	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT3_8 24129	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_1 24130	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_2 24131	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_3 24132	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_4 24133	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_5 24134	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_6 24135	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_7 24136	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GOWANUS_GT4_8 24137	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09

GREENBSH_115KV_TB3 55895	24.96 0.67 -1.30	22.91 0.65 0.00	22.46 0.54 -2.56	22.27 0.49 -3.70	22.30 0.49 -3.72	23.05 0.50 -4.69	25.79 0.55 -5.55	25.75 0.54 -4.48	26.74 0.67 -2.90	26.19 0.85 -0.41	28.60 0.87 -2.14	29.65 0.91 -2.72	29.20 0.99 0.22	31.19 1.03 0.26	33.26 1.08 0.56	34.05 1.20 0.40	45.30 1.21 -9.63	50.91 1.28 -13.96	45.20 1.26 -7.86	41.00 1.08 -8.13	36.02 0.98 -6.18	29.69 1.00 0.00	26.85 0.91 -0.74	25.34 0.62 -3.94
GREENDGE_115KV_TB5 80291	23.40 0.23 -0.19	22.60 0.33 0.00	19.89 0.17 -0.37	18.76 0.14 -0.53	18.76 0.14 -0.53	18.73 0.20 -0.67	20.71 0.24 -0.79	21.35 -0.02 -0.64	23.67 0.09 -0.41	25.09 0.10 -0.06	25.94 0.05 -0.31	26.56 0.13 -0.40	28.73 0.31 0.00	30.78 0.36 0.00	33.10 0.36 0.00	33.55 0.30 0.00	36.05 0.00 -1.58	38.05 0.18 -2.20	37.12 0.29 -0.75	33.04 0.54 -0.71	30.15 0.75 -0.54	29.52 0.83 0.00	25.74 0.43 -0.11	21.86 0.52 -0.56
GREENIDGE___3 23582	23.40 0.23 -0.19	22.60 0.33 0.00	19.89 0.17 -0.37	18.76 0.14 -0.53	18.76 0.14 -0.53	18.73 0.20 -0.67	20.71 0.24 -0.79	21.35 -0.02 -0.64	23.67 0.09 -0.41	25.09 0.10 -0.06	25.94 0.05 -0.31	26.56 0.13 -0.40	28.73 0.31 0.00	30.78 0.36 0.00	33.10 0.36 0.00	33.55 0.30 0.00	36.05 0.00 -1.58	38.05 0.18 -2.20	37.12 0.29 -0.75	33.04 0.54 -0.71	30.15 0.75 -0.54	29.52 0.83 0.00	25.74 0.43 -0.11	21.86 0.52 -0.56
GREENIDGE___4 23583	23.40 0.23 -0.19	22.60 0.33 0.00	19.89 0.17 -0.37	18.76 0.14 -0.53	18.78 0.16 -0.53	18.73 0.20 -0.67	20.72 0.24 -0.79	21.45 0.08 -0.64	23.67 0.09 -0.41	25.09 0.10 -0.06	25.94 0.05 -0.31	26.56 0.13 -0.40	28.74 0.31 0.00	30.78 0.37 0.00	33.07 0.33 0.00	33.55 0.30 0.00	36.05 0.00 -1.58	38.05 0.18 -2.20	37.12 0.29 -0.75	33.04 0.54 -0.71	30.15 0.75 -0.54	29.55 0.86 0.00	25.74 0.43 -0.11	21.86 0.52 -0.56
GREENLWN_69_KV_BK 3 55738	33.38 2.14 -8.25	28.76 2.09 -4.40	26.45 1.76 -5.33	22.63 1.63 -2.91	23.87 1.63 -4.15	27.68 1.61 -8.21	28.55 1.79 -7.07	30.85 2.01 -8.10	33.17 2.39 -7.62	34.37 2.72 -6.72	33.18 2.71 -4.88	33.67 2.76 -4.89	35.03 2.98 -3.63	35.67 3.10 -2.16	21.56 3.34 14.52	24.41 3.49 12.33	30.53 3.69 7.63	35.53 3.82 3.95	28.94 3.82 10.96	25.41 3.24 9.62	21.85 2.83 9.84	34.07 2.96 -2.42	33.39 2.67 -5.51	33.25 1.87 -10.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.95 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
GRISSOM___SOLAR 323813	26.62 2.09 -1.54	24.31 2.05 0.00	24.10 1.70 -3.04	24.05 1.57 -4.39	24.07 1.57 -4.42	25.07 1.64 -5.57	28.22 1.95 -6.59	28.10 2.05 -5.31	28.92 2.32 -3.44	28.46 3.04 -0.49	30.66 2.53 -2.54	32.35 3.04 -3.28	31.58 3.32 0.16	33.87 3.65 0.19	35.67 3.34 0.42	36.61 3.66 0.30	50.22 3.69 -12.06	56.98 4.10 -17.22	51.66 4.33 -11.25	46.89 3.91 -11.20	40.95 3.58 -8.51	32.25 3.56 0.00	28.86 2.77 -0.88	27.66 2.20 -4.68
GROVEVILLE___HYD 323602	25.55 1.54 -1.02	23.78 1.51 0.00	22.62 1.26 -2.01	22.18 1.19 -2.90	22.18 1.18 -2.92	22.68 1.14 -3.68	25.30 1.26 -4.35	25.55 1.31 -3.51	27.06 1.62 -2.27	27.17 1.92 -0.33	29.25 1.97 -1.69	30.48 2.06 -2.40	30.90 2.30 -0.18	33.02 2.43 -0.18	35.69 2.55 -0.39	36.25 2.73 -0.28	47.08 2.90 -9.71	51.77 2.96 -13.15	43.47 2.92 -4.46	38.06 2.48 -3.79	33.88 2.14 -2.88	30.87 2.18 0.00	27.78 1.99 -0.58	25.26 1.39 -3.09
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.27 0.05 -0.36	20.21 0.10 -0.42	21.05 -0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.14 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
HAMLTNNY_34_KV_TB 80303	23.21 0.11 -0.11	22.42 0.16 0.00	19.68 0.12 -0.21	18.52 0.13 -0.30	18.52 0.13 -0.30	18.37 0.13 -0.38	20.31 0.18 -0.45	21.14 0.04 -0.36	23.54 0.14 -0.24	25.04 0.07 -0.03	25.86 0.10 -0.17	26.38 0.13 -0.23	28.59 0.17 0.00	30.62 0.21 0.00	33.00 0.26 0.00	33.55 0.30 0.00	35.61 0.24 -0.90	37.20 0.29 -1.25	36.71 0.25 -0.38	32.34 0.19 -0.36	29.45 0.32 -0.27	29.03 0.34 0.00	25.49 0.23 -0.06	21.43 0.33 -0.32
HAMPSHIRE___PAPER_HYD 323593	22.19 -0.83 -0.03	21.44 -0.82 0.00	18.67 -0.74 -0.05	17.48 -0.69 -0.08	17.50 -0.67 -0.08	17.28 -0.68 -0.10	19.16 -0.65 -0.12	20.18 -0.64 -0.10	22.44 -0.79 -0.06	24.07 -0.87 -0.01	24.71 -0.92 -0.05	25.12 -0.96 -0.06	27.43 -1.00 0.00	29.38 -1.03 0.00	31.79 -0.95 0.00	32.08 -1.16 0.00	33.70 -1.00 -0.24	34.93 -1.07 -0.33	35.25 -0.83 0.00	31.09 -0.70 0.00	28.22 -0.64 0.00	27.83 -0.86 0.00	24.34 -0.88 -0.02	20.10 -0.77 -0.08
HARDSCRABBLE_WT_PWR 323673	23.33 0.35 0.00	22.60 0.33 0.00	19.63 0.27 0.00	18.32 0.23 0.00	18.34 0.25 0.00	18.11 0.25 0.00	19.96 0.28 0.00	20.98 0.25 0.00	23.44 0.28 0.00	25.40 0.47 0.00	25.90 0.31 0.00	26.44 0.42 0.00	28.90 0.48 0.00	30.93 0.52 0.00	33.14 0.39 0.00	33.61 0.37 0.00	34.81 0.34 0.00	36.02 0.36 0.00	36.40 0.32 0.00	31.91 0.13 0.00	28.92 0.06 0.00	28.72 0.03 0.00	25.23 0.03 0.00	20.80 0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.21 1.29 -0.93	23.53 1.27 0.00	22.24 1.05 -1.84	21.74 0.99 -2.66	21.76 0.99 -2.67	22.20 0.96 -3.37	24.74 1.06 -3.99	25.09 1.14 -3.22	26.64 1.39 -2.08	26.95 1.72 -0.30	28.88 1.74 -1.55	29.72 1.82 -1.88	30.54 2.02 -0.10	32.77 2.16 -0.20	35.37 2.19 -0.43	35.91 2.36 -0.31	46.08 2.52 -9.10	50.45 2.53 -12.25	42.76 2.53 -4.16	37.37 2.13 -3.45	33.30 1.82 -2.62	30.58 1.89 0.00	27.50 1.76 -0.53	24.80 1.18 -2.83
HARSNRAD_115KV_TB1 81005	22.72 -0.41 -0.14	21.99 -0.27 0.00	19.25 -0.39 -0.28	18.10 -0.40 -0.41	18.08 -0.42 -0.41	18.10 -0.29 -0.52	19.71 -0.59 -0.61	20.02 -1.20 -0.50	22.26 -1.23 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.94 -1.48 0.00	28.83 -1.58 0.00	31.04 -1.70 0.00	31.65 -1.60 0.00	33.42 -2.27 -1.23	35.31 -2.07 -1.71	34.40 -2.24 -0.56	30.75 -1.56 -0.53	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.71 -0.58 -0.08	21.13 -0.08 -0.44
HARZA MOOSE___RIVER 24016	23.12 0.09 -0.04	22.35 0.09 0.00	19.50 0.08 -0.07	18.23 0.04 -0.10	18.25 0.05 -0.10	18.07 0.07 -0.13	20.00 0.16 -0.16	20.98 0.12 -0.13	23.38 0.14 -0.08	25.12 0.17 -0.01	25.72 0.08 -0.06	26.23 0.13 -0.08	28.68 0.26 0.00	30.68 0.27 0.00	33.17 0.43 0.00	33.58 0.33 0.00	35.30 0.52 -0.31	36.67 0.57 -0.43	36.87 0.79 0.00	32.45 0.67 0.00	29.58 0.72 0.00	29.18 0.49 0.00	25.55 0.33 -0.02	21.16 0.27 -0.11

HDSNBRDG_115KV_BRDG_TB1 355580	22.99 -0.09 -0.09	22.17 -0.09 0.00	19.46 -0.08 -0.18	18.27 -0.07 -0.26	18.27 -0.07 -0.26	18.13 -0.05 -0.33	20.03 -0.04 -0.38	20.87 -0.17 -0.31	23.27 -0.09 -0.20	24.81 -0.15 -0.03	25.56 -0.18 -0.15	26.09 -0.13 -0.20	28.28 -0.14 0.00	30.23 -0.18 0.00	32.55 -0.20 0.00	33.08 -0.17 0.00	35.03 -0.21 -0.77	36.52 -0.21 -1.07	35.83 -0.25 0.00	31.53 -0.25 0.00	28.74 -0.12 0.00	28.63 -0.06 0.00	25.20 -0.05 -0.05	21.14 0.08 -0.27
HELLGATE_13_KV_LD 55870	25.66 1.66 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.61 1.09 -3.66	25.28 1.26 -4.33	25.76 1.53 -3.49	27.37 1.95 -2.26	28.66 2.37 -1.37	29.73 2.46 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.54 2.93 -0.36	47.59 3.14 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.93 2.22 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.66 1.66 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.61 1.09 -3.66	25.28 1.26 -4.33	25.76 1.53 -3.49	27.37 1.95 -2.26	28.66 2.37 -1.37	29.73 2.46 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.54 2.93 -0.36	47.59 3.14 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.93 2.22 -2.85	31.19 2.50 0.00	28.18 2.39 -0.59	25.47 1.62 -3.07
HEMPSTEAD____ 23647	33.15 1.91 -8.25	28.51 1.85 -4.40	26.24 1.55 -5.33	22.44 1.45 -2.91	23.67 1.43 -4.15	27.48 1.41 -8.21	28.35 1.59 -7.07	30.92 1.78 -8.41	32.91 2.13 -7.62	34.12 2.47 -6.72	33.14 2.51 -5.04	34.89 2.52 -6.34	35.19 2.79 -3.98	35.79 2.89 -2.49	37.14 3.01 -1.39	43.37 3.19 -6.93	48.86 3.38 -11.01	52.61 3.46 -13.49	44.51 3.43 -5.00	39.54 2.89 -4.86	35.37 2.51 -4.01	34.55 2.67 -3.19	34.28 2.52 -6.55	34.25 1.81 -11.66
HEWLETT__69_KV_BK3 55828	33.38 2.14 -8.25	28.76 2.09 -4.40	26.45 1.76 -5.33	22.63 1.63 -2.91	23.87 1.63 -4.15	27.66 1.59 -8.21	28.51 1.75 -7.07	31.03 1.91 -8.39	33.08 2.29 -7.62	34.29 2.64 -6.72	33.29 2.66 -5.04	35.13 2.76 -6.34	35.44 3.04 -3.98	36.10 3.19 -2.49	37.01 3.34 -0.93	43.71 3.52 -6.93	49.21 3.72 -11.01	52.92 3.82 -13.43	44.63 3.86 -4.69	39.14 3.27 -4.08	34.91 2.86 -3.20	34.83 2.96 -3.19	34.53 2.77 -6.55	34.46 2.02 -11.66
HICKLING___1 23621	23.45 0.23 -0.24	22.75 0.49 0.00	19.97 0.15 -0.46	18.89 0.13 -0.67	18.89 0.13 -0.67	18.91 0.20 -0.85	20.85 0.16 -1.01	21.42 -0.12 -0.81	23.69 0.00 -0.53	24.96 -0.05 -0.08	25.93 -0.05 -0.39	26.49 -0.05 -0.51	28.68 0.26 0.00	30.78 0.36 0.00	33.20 0.46 0.00	33.75 0.50 0.00	36.51 0.03 -2.01	38.68 0.21 -2.80	37.53 0.47 -0.98	33.29 0.57 -0.93	30.43 0.87 -0.71	29.69 1.00 0.00	25.79 0.45 -0.13	22.01 0.52 -0.71
HICKLING___2 23622	23.45 0.23 -0.24	22.75 0.49 0.00	19.97 0.15 -0.46	18.89 0.13 -0.67	18.89 0.13 -0.67	18.91 0.20 -0.85	20.85 0.16 -1.01	21.42 -0.12 -0.81	23.69 0.00 -0.53	24.96 -0.05 -0.08	25.93 -0.05 -0.39	26.49 -0.05 -0.51	28.68 0.26 0.00	30.78 0.36 0.00	33.20 0.46 0.00	33.75 0.50 0.00	36.51 0.03 -2.01	38.68 0.21 -2.80	37.53 0.47 -0.98	33.29 0.57 -0.93	30.43 0.87 -0.71	29.69 1.00 0.00	25.79 0.45 -0.13	22.01 0.52 -0.71
HIGH FALLS___HY 23754	25.28 1.29 -1.00	23.58 1.31 0.00	22.39 1.06 -1.97	21.95 1.01 -2.85	21.97 1.01 -2.87	22.44 0.96 -3.62	25.03 1.06 -4.28	25.28 1.10 -3.45	26.88 1.46 -2.25	27.07 1.82 -0.32	29.02 1.77 -1.67	30.23 1.93 -2.28	30.70 2.19 -0.09	32.85 2.34 -0.10	35.41 2.46 -0.21	36.02 2.63 -0.15	46.49 2.86 -9.16	50.81 2.67 -12.47	43.23 2.60 -4.55	38.03 2.16 -4.08	33.84 1.88 -3.11	30.61 1.92 0.00	27.54 1.76 -0.57	25.02 1.21 -3.04
HILLBURN___GT 23639	25.18 1.24 -0.95	23.49 1.22 0.00	22.24 1.01 -1.87	21.75 0.96 -2.71	21.75 0.94 -2.72	22.22 0.93 -3.43	24.77 1.02 -4.06	25.17 1.16 -3.28	26.68 1.39 -2.12	27.00 1.77 -0.30	28.91 1.74 -1.58	29.74 1.85 -1.87	30.56 2.05 -0.09	32.78 2.16 -0.21	35.29 2.10 -0.45	35.83 2.26 -0.32	46.17 2.41 -9.29	50.59 2.43 -12.50	42.70 2.38 -4.24	37.30 2.00 -3.51	33.23 1.70 -2.67	30.50 1.81 0.00	27.46 1.71 -0.54	24.83 1.16 -2.88
HILLSIDE_115KV_TB1 80332	23.05 -0.18 -0.24	22.35 0.09 0.00	19.64 -0.19 -0.48	18.60 -0.18 -0.69	18.58 -0.20 -0.70	18.62 -0.13 -0.88	20.53 -0.20 -1.04	21.11 -0.46 -0.84	23.31 -0.39 -0.54	24.56 -0.45 -0.08	25.53 -0.46 -0.40	26.11 -0.44 -0.53	28.22 -0.20 0.00	30.29 -0.12 0.00	32.64 -0.10 0.00	33.21 -0.03 0.00	35.96 -0.59 -2.08	38.13 -0.43 -2.89	36.91 -0.18 -1.01	32.75 0.00 -0.97	29.91 0.32 -0.73	29.15 0.46 0.00	25.34 0.00 -0.14	21.64 0.12 -0.74
HISHELDN_WT_PWR 323625	22.93 -0.23 -0.17	22.26 0.00 0.00	19.44 -0.25 -0.33	18.30 -0.27 -0.48	18.30 -0.27 -0.49	18.31 -0.16 -0.61	20.00 -0.41 -0.72	20.59 -0.73 -0.58	22.64 -0.90 -0.38	23.96 -1.02 -0.05	24.77 -1.10 -0.28	25.30 -1.09 -0.37	27.48 -0.94 0.00	29.44 -0.97 0.00	31.76 -0.98 0.00	32.32 -0.93 0.00	34.26 -1.65 -1.45	36.22 -1.46 -2.02	35.46 -1.30 -0.67	31.63 -0.79 -0.64	29.08 -0.26 -0.49	28.80 0.12 0.00	25.00 -0.30 -0.10	21.31 0.02 -0.51
HOLTSVILLE_IC_1 23690	33.68 2.44 -8.25	29.09 2.43 -4.40	26.72 2.03 -5.33	22.88 1.88 -2.91	24.10 1.86 -4.15	27.91 1.84 -8.21	28.82 2.07 -7.07	33.34 2.32 -10.29	33.42 2.64 -7.62	34.65 2.99 -6.73	38.97 2.87 -10.51	40.34 2.84 -11.48	47.64 3.15 -16.06	47.78 3.26 -14.11	122.90 3.37 -86.78	129.40 3.52 -92.63	132.11 3.69 -93.95	132.30 3.85 -92.79	125.65 3.86 -85.71	129.17 3.31 -94.08	123.04 2.89 -91.30	61.99 3.18 -30.11	40.17 2.97 -12.00	40.14 2.16 -17.20
HOLTSVILLE_IC_10 23699	33.88 2.64 -8.25	29.29 2.63 -4.40	26.89 2.21 -5.33	23.04 2.04 -2.91	24.27 2.03 -4.15	28.07 2.00 -8.21	28.98 2.22 -7.07	33.67 2.53 -10.42	33.66 2.87 -7.62	34.87 3.22 -6.73	38.95 3.15 -10.21	40.92 3.10 -11.81	47.25 3.44 -15.39	47.43 3.56 -13.46	128.80 3.73 -92.33	135.17 3.89 -98.04	137.76 4.10 -99.19	115.67 4.24 -75.76	109.23 4.29 -68.86	113.36 3.65 -77.92	107.11 3.23 -75.02	60.81 3.53 -28.59	40.80 3.25 -12.35	40.72 2.39 -17.55
HOLTSVILLE_IC_2 23691	33.68 2.44 -8.25	29.09 2.43 -4.40	26.72 2.03 -5.33	22.88 1.88 -2.91	24.10 1.86 -4.15	27.91 1.84 -8.21	28.82 2.07 -7.07	33.34 2.32 -10.29	33.42 2.64 -7.62	34.65 2.99 -6.73	38.97 2.87 -10.51	40.34 2.84 -11.48	47.64 3.15 -16.06	47.78 3.26 -14.11	122.90 3.37 -86.78	129.40 3.52 -92.63	132.11 3.69 -93.95	132.30 3.85 -92.79	125.65 3.86 -85.71	129.17 3.31 -94.08	123.04 2.89 -91.30	61.99 3.18 -30.11	40.17 2.97 -12.00	40.14 2.16 -17.20
HOLTSVILLE_IC_3 23692	33.68 2.44 -8.25	29.09 2.43 -4.40	26.72 2.03 -5.33	22.88 1.88 -2.91	24.10 1.86 -4.15	27.91 1.84 -8.21	28.82 2.07 -7.07	33.34 2.32 -10.29	33.42 2.64 -7.62	34.65 2.99 -6.73	38.97 2.87 -10.51	40.34 2.84 -11.48	47.64 3.15 -16.06	47.78 3.26 -14.11	122.90 3.37 -86.78	129.40 3.52 -92.63	132.11 3.69 -93.95	132.30 3.85 -92.79	125.65 3.86 -85.71	129.17 3.31 -94.08	123.04 2.89 -91.30	61.99 3.18 -30.11	40.17 2.97 -12.00	40.14 2.16 -17.20

HOLTSVILLE_IC_4 23693	33.68 2.44 -8.25	29.09 2.43 -4.40	26.72 2.03 -5.33	22.88 1.88 -2.91	24.10 1.86 -4.15	27.91 1.84 -8.21	28.82 2.07 -7.07	33.34 2.32 -10.29	33.42 2.64 -7.62	34.65 2.99 -6.73	38.97 2.87 -10.51	40.34 2.84 -11.48	47.64 3.15 -16.06	47.78 3.26 -14.11	122.90 3.37 -86.78	129.40 3.52 -92.63	132.11 3.69 -93.95	132.30 3.85 -92.79	125.65 3.86 -85.71	129.17 3.31 -94.08	123.04 2.89 -91.30	61.99 3.18 -30.11	40.17 2.97 -12.00	40.14 2.16 -17.20
HOLTSVILLE_IC_5 23694	33.68 2.44 -8.25	29.09 2.43 -4.40	26.72 2.03 -5.33	22.88 1.88 -2.91	24.10 1.86 -4.15	27.91 1.84 -8.21	28.82 2.07 -7.07	33.34 2.32 -10.29	33.42 2.64 -7.62	34.65 2.99 -6.73	38.97 2.87 -10.51	40.34 2.84 -11.48	47.64 3.15 -16.06	47.78 3.26 -14.11	122.90 3.37 -86.78	129.40 3.52 -92.63	132.11 3.69 -93.95	132.30 3.85 -92.79	125.65 3.86 -85.71	129.17 3.31 -94.08	123.04 2.89 -91.30	61.99 3.18 -30.11	40.17 2.97 -12.00	40.14 2.16 -17.20
HOLTSVILLE_IC_6 23695	33.88 2.64 -8.25	29.29 2.63 -4.40	26.89 2.21 -5.33	23.04 2.04 -2.91	24.27 2.03 -4.15	28.07 2.00 -8.21	28.98 2.22 -7.07	33.67 2.53 -10.42	33.66 2.87 -7.62	34.87 3.22 -6.73	38.95 3.15 -10.21	40.92 3.10 -11.81	47.25 3.44 -15.39	47.43 3.56 -13.46	128.80 3.73 -92.33	135.17 3.89 -98.04	137.76 4.10 -99.19	115.67 4.24 -75.76	109.23 4.29 -68.86	113.36 3.65 -77.92	107.11 3.23 -75.02	60.81 3.53 -28.59	40.80 3.25 -12.35	40.72 2.39 -17.55
HOLTSVILLE_IC_7 23696	33.88 2.64 -8.25	29.29 2.63 -4.40	26.89 2.21 -5.33	23.04 2.04 -2.91	24.27 2.03 -4.15	28.07 2.00 -8.21	28.98 2.22 -7.07	33.67 2.53 -10.42	33.66 2.87 -7.62	34.87 3.22 -6.73	38.95 3.15 -10.21	40.92 3.10 -11.81	47.25 3.44 -15.39	47.43 3.56 -13.46	128.80 3.73 -92.33	135.17 3.89 -98.04	137.76 4.10 -99.19	115.67 4.24 -75.76	109.23 4.29 -68.86	113.36 3.65 -77.92	107.11 3.23 -75.02	60.81 3.53 -28.59	40.80 3.25 -12.35	40.72 2.39 -17.55
HOLTSVILLE_IC_8 23697	33.88 2.64 -8.25	29.29 2.63 -4.40	26.89 2.21 -5.33	23.04 2.04 -2.91	24.27 2.03 -4.15	28.07 2.00 -8.21	28.98 2.22 -7.07	33.67 2.53 -10.42	33.66 2.87 -7.62	34.87 3.22 -6.73	38.95 3.15 -10.21	40.92 3.10 -11.81	47.25 3.44 -15.39	47.43 3.56 -13.46	128.80 3.73 -92.33	135.17 3.89 -98.04	137.76 4.10 -99.19	115.67 4.24 -75.76	109.23 4.29 -68.86	113.36 3.65 -77.92	107.11 3.23 -75.02	60.81 3.53 -28.59	40.80 3.25 -12.35	40.72 2.39 -17.55
HOLTSVILLE_IC_9 23698	33.88 2.64 -8.25	29.29 2.63 -4.40	26.89 2.21 -5.33	23.04 2.04 -2.91	24.27 2.03 -4.15	28.07 2.00 -8.21	28.98 2.22 -7.07	33.67 2.53 -10.42	33.66 2.87 -7.62	34.87 3.22 -6.73	38.95 3.15 -10.21	40.92 3.10 -11.81	47.25 3.44 -15.39	47.43 3.56 -13.46	128.80 3.73 -92.33	135.17 3.89 -98.04	137.76 4.10 -99.19	115.67 4.24 -75.76	109.23 4.29 -68.86	113.36 3.65 -77.92	107.11 3.23 -75.02	60.81 3.53 -28.59	40.80 3.25 -12.35	40.72 2.39 -17.55
HOMER_HL_115KV_TB2 355744	22.29 -0.87 -0.18	22.33 0.07 0.00	18.91 -0.79 -0.35	17.82 -0.78 -0.51	17.79 -0.81 -0.51	17.87 -0.64 -0.65	19.55 -0.91 -0.77	20.04 -1.31 -0.62	22.27 -1.30 -0.40	23.47 -1.52 -0.06	24.35 -1.54 -0.30	24.85 -1.56 -0.39	27.77 -0.65 0.00	29.86 -0.55 0.00	32.28 -0.46 0.00	32.85 -0.40 0.00	33.86 -2.14 -1.53	35.87 -1.93 -2.13	36.00 -0.79 -0.72	32.18 -0.29 -0.68	29.58 0.20 -0.52	29.21 0.52 0.00	24.55 -0.76 -0.10	20.89 -0.44 -0.54
HOWARD_WT_PWR 323690	23.48 0.30 -0.20	22.84 0.58 0.00	19.96 0.21 -0.39	18.81 0.16 -0.56	18.81 0.16 -0.56	18.81 0.23 -0.71	20.69 0.16 -0.84	21.33 -0.08 -0.68	23.47 -0.14 -0.44	24.82 -0.17 -0.06	25.63 -0.28 -0.33	26.22 -0.23 -0.43	28.48 0.06 0.00	30.50 0.09 0.00	32.87 0.13 0.00	33.41 0.17 0.00	35.81 -0.34 -1.68	37.94 -0.07 -2.34	37.14 0.25 -0.80	33.03 0.48 -0.76	30.28 0.84 -0.58	29.72 1.03 0.00	25.67 0.35 -0.11	21.83 0.46 -0.60
HQ_GEN_CEDARS 23644	22.48 -0.51 0.00	21.75 -0.51 0.00	18.89 -0.46 0.00	17.66 -0.43 0.00	17.67 -0.42 0.00	17.40 -0.46 0.00	19.21 -0.47 0.00	20.42 -0.31 0.00	22.68 -0.49 0.00	24.43 -0.50 0.00	25.05 -0.54 0.00	25.50 -0.52 0.00	27.80 -0.63 0.00	29.80 -0.61 0.00	32.09 -0.65 0.00	32.38 -0.86 0.00	33.68 -0.79 0.00	34.74 -0.93 0.00	35.25 -0.83 0.00	31.12 -0.67 0.00	28.11 -0.75 0.00	27.83 -0.86 0.00	24.40 -0.81 0.00	20.07 -0.71 0.00
HQ_GEN_CEDARS_PROXY 323590	22.48 -0.51 0.00	21.75 -0.51 0.00	18.89 -0.46 0.00	17.66 -0.43 0.00	17.67 -0.42 0.00	17.40 -0.46 0.00	19.21 -0.47 0.00	20.36 -0.37 0.00	22.68 -0.49 0.00	24.43 -0.50 0.00	25.05 -0.54 0.00	25.50 -0.52 0.00	27.80 -0.63 0.00	29.80 -0.61 0.00	32.09 -0.65 0.00	32.38 -0.86 0.00	33.64 -0.83 0.00	34.74 -0.93 0.00	35.25 -0.83 0.00	31.12 -0.67 0.00	28.11 -0.75 0.00	27.83 -0.86 0.00	24.40 -0.81 0.00	20.09 -0.69 0.00
HQ_GEN_IMPORT 323601	22.64 -0.34 0.00	21.93 -0.33 0.00	19.07 -0.29 0.00	17.82 -0.27 0.00	17.82 -0.27 0.00	17.58 -0.29 0.00	19.39 -0.29 0.00	20.50 -0.23 0.00	22.84 -0.32 0.00	24.58 -0.35 0.00	25.23 -0.36 0.00	25.66 -0.36 0.00	28.00 -0.43 0.00	29.98 -0.43 0.00	32.28 -0.46 0.00	32.68 -0.57 0.00	33.92 -0.55 0.00	35.06 -0.61 0.00	35.50 -0.58 0.00	31.31 -0.48 0.00	28.37 -0.49 0.00	28.17 -0.52 0.00	24.72 -0.48 0.00	20.36 -0.42 0.00
HQ_GEN_WHEEL 23651	22.64 -0.34 0.00	21.93 -0.33 0.00	19.07 -0.29 0.00	17.82 -0.27 0.00	17.82 -0.27 0.00	17.58 -0.29 0.00	19.39 -0.29 0.00	20.50 -0.23 0.00	22.84 -0.32 0.00	24.58 -0.35 0.00	25.23 -0.36 0.00	25.66 -0.36 0.00	28.00 -0.43 0.00	29.98 -0.43 0.00	32.28 -0.46 0.00	32.68 -0.57 0.00	33.92 -0.55 0.00	35.06 -0.61 0.00	35.50 -0.58 0.00	31.31 -0.48 0.00	28.37 -0.49 0.00	28.17 -0.52 0.00	24.72 -0.48 0.00	20.36 -0.42 0.00
HUDSON_AVE_GT_3 23810	25.64 1.63 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.80 1.58 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.15 2.45 -2.68	31.37 2.64 -0.30	33.35 2.71 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.66 3.21 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.17 2.64 -3.75	33.93 2.22 -2.85	31.16 2.47 0.00	28.15 2.37 -0.58	25.45 1.60 -3.07
HUDSON_AVE_GT_4 23540	25.64 1.63 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.80 1.58 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.15 2.45 -2.68	31.37 2.64 -0.30	33.35 2.71 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.66 3.21 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.17 2.64 -3.75	33.93 2.22 -2.85	31.16 2.47 0.00	28.15 2.37 -0.58	25.45 1.60 -3.07
HUDSON_AVE_GT_5 23657	25.64 1.63 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.80 1.58 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.15 2.45 -2.68	31.37 2.64 -0.30	33.35 2.71 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.66 3.21 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.17 2.64 -3.75	33.93 2.22 -2.85	31.16 2.47 0.00	28.15 2.37 -0.58	25.45 1.60 -3.07

HUDSON_AVE_10 24168	25.57 1.56 -1.01	23.75 1.49 0.00	22.59 1.24 -2.00	22.11 1.14 -2.88	22.13 1.14 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.78 1.55 -3.49	27.35 1.92 -2.26	27.60 2.34 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.47 2.86 -0.36	47.59 3.14 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.87 2.16 -2.85	31.07 2.38 0.00	28.13 2.34 -0.58	25.41 1.56 -3.07
HUDSON___115KV_TB 4 355613	25.33 1.08 -1.26	23.35 1.09 0.00	22.69 0.85 -2.48	22.47 0.80 -3.59	22.49 0.80 -3.61	23.22 0.80 -4.55	25.98 0.91 -5.38	25.94 0.87 -4.34	27.02 1.04 -2.81	26.53 1.20 -0.40	28.92 1.25 -2.08	30.06 1.35 -2.68	29.86 1.59 0.15	31.93 1.70 0.18	34.15 1.80 0.40	34.89 1.93 0.28	46.19 2.00 -9.72	51.77 2.18 -13.93	45.17 2.02 -7.07	40.82 1.84 -7.20	36.00 1.67 -5.47	30.44 1.75 0.00	27.31 1.39 -0.72	25.60 1.00 -3.82
HUNTER MOUNT___DRP 323613	25.38 1.17 -1.22	23.46 1.20 0.00	22.65 0.89 -2.40	22.39 0.83 -3.47	22.43 0.85 -3.49	23.10 0.84 -4.40	25.86 0.96 -5.21	25.82 0.89 -4.20	26.95 1.07 -2.72	26.49 1.17 -0.39	28.85 1.25 -2.01	30.06 1.41 -2.63	30.00 1.68 0.10	32.11 1.82 0.12	34.44 1.96 0.27	35.19 2.13 0.19	46.35 2.17 -9.71	51.86 2.43 -13.77	44.73 2.13 -6.52	40.28 1.97 -6.52	35.66 1.85 -4.96	30.64 1.95 0.00	27.36 1.46 -0.70	25.51 1.04 -3.70
HUNTINGTON_RES_REC 323705	33.65 2.41 -8.25	29.02 2.36 -4.40	26.66 1.98 -5.33	22.84 1.85 -2.91	24.07 1.83 -4.15	27.88 1.80 -8.21	28.77 2.01 -7.07	30.12 2.28 -7.11	33.45 2.66 -7.62	34.62 2.97 -6.72	41.19 2.94 -12.66	48.52 2.94 -19.56	52.35 3.21 -20.72	52.35 3.35 -18.59	258.33 3.60 -221.99	264.49 3.76 -227.49	262.92 3.96 -224.49	253.41 4.14 -213.61	249.43 4.15 -209.20	267.13 3.53 -231.81	257.98 3.09 -226.04	72.36 3.30 -40.38	44.18 3.00 -15.98	44.17 2.14 -21.25
HUNTLEY___63 23557	22.91 -0.23 -0.15	22.11 -0.16 0.00	19.40 -0.25 -0.29	18.24 -0.27 -0.42	18.22 -0.29 -0.43	18.26 -0.14 -0.54	19.83 -0.49 -0.64	20.15 -1.10 -0.51	22.43 -1.07 -0.33	23.78 -1.20 -0.05	24.58 -1.25 -0.25	25.15 -1.20 -0.33	27.20 -1.22 0.00	29.13 -1.28 0.00	31.37 -1.38 0.00	31.95 -1.30 0.00	33.71 -2.03 -1.27	35.62 -1.82 -1.77	34.78 -1.91 -0.62	31.06 -1.27 -0.55	28.64 -0.63 -0.42	28.49 -0.20 0.00	24.86 -0.43 -0.09	21.27 0.04 -0.45
HUNTLEY___64 23558	22.91 -0.23 -0.15	22.11 -0.16 0.00	19.40 -0.25 -0.29	18.24 -0.27 -0.42	18.22 -0.29 -0.43	18.26 -0.14 -0.54	19.83 -0.49 -0.64	20.15 -1.10 -0.51	22.43 -1.07 -0.33	23.78 -1.20 -0.05	24.58 -1.25 -0.25	25.15 -1.20 -0.33	27.20 -1.22 0.00	29.13 -1.28 0.00	31.37 -1.38 0.00	31.95 -1.30 0.00	33.71 -2.03 -1.27	35.62 -1.82 -1.77	34.78 -1.91 -0.62	31.06 -1.27 -0.55	28.64 -0.63 -0.42	28.49 -0.20 0.00	24.86 -0.43 -0.09	21.27 0.04 -0.45
HUNTLEY___65 23559	22.91 -0.23 -0.15	22.11 -0.16 0.00	19.40 -0.25 -0.29	18.24 -0.27 -0.42	18.22 -0.29 -0.43	18.26 -0.14 -0.54	19.83 -0.49 -0.64	20.15 -1.10 -0.51	22.43 -1.07 -0.33	23.78 -1.20 -0.05	24.58 -1.25 -0.25	25.15 -1.20 -0.33	27.20 -1.22 0.00	29.13 -1.28 0.00	31.37 -1.38 0.00	31.95 -1.30 0.00	33.71 -2.03 -1.27	35.62 -1.82 -1.77	34.78 -1.91 -0.62	31.06 -1.27 -0.55	28.64 -0.63 -0.42	28.49 -0.20 0.00	24.86 -0.43 -0.09	21.27 0.04 -0.45
HUNTLEY___66 23560	22.91 -0.23 -0.15	22.11 -0.16 0.00	19.40 -0.25 -0.29	18.24 -0.27 -0.42	18.22 -0.29 -0.43	18.26 -0.14 -0.54	19.83 -0.49 -0.64	20.15 -1.10 -0.51	22.43 -1.07 -0.33	23.78 -1.20 -0.05	24.58 -1.25 -0.25	25.15 -1.20 -0.33	27.20 -1.22 0.00	29.13 -1.28 0.00	31.37 -1.38 0.00	31.95 -1.30 0.00	33.71 -2.03 -1.27	35.62 -1.82 -1.77	34.78 -1.91 -0.62	31.06 -1.27 -0.55	28.64 -0.63 -0.42	28.49 -0.20 0.00	24.86 -0.43 -0.09	21.27 0.04 -0.45
HUNTLEY___67 23561	22.73 -0.41 -0.15	21.99 -0.27 0.00	19.27 -0.39 -0.30	18.11 -0.42 -0.43	18.09 -0.43 -0.44	18.13 -0.29 -0.55	19.75 -0.59 -0.65	20.07 -1.18 -0.52	22.30 -1.20 -0.34	23.63 -1.35 -0.05	24.43 -1.41 -0.25	24.98 -1.38 -0.33	27.03 -1.39 0.00	28.92 -1.49 0.00	31.17 -1.57 0.00	31.78 -1.46 0.00	33.56 -2.21 -1.30	35.48 -2.00 -1.81	34.58 -2.09 -0.59	30.92 -1.43 -0.56	28.51 -0.78 -0.43	28.35 -0.34 0.00	24.74 -0.55 -0.09	21.16 -0.08 -0.46
HUNTLEY___68 23562	22.73 -0.41 -0.15	21.99 -0.27 0.00	19.27 -0.39 -0.30	18.11 -0.42 -0.43	18.09 -0.43 -0.44	18.13 -0.29 -0.55	19.75 -0.59 -0.65	20.07 -1.18 -0.52	22.30 -1.20 -0.34	23.63 -1.35 -0.05	24.43 -1.41 -0.25	24.98 -1.38 -0.33	27.03 -1.39 0.00	28.92 -1.49 0.00	31.17 -1.57 0.00	31.78 -1.46 0.00	33.56 -2.21 -1.30	35.48 -2.00 -1.81	34.58 -2.09 -0.59	30.92 -1.43 -0.56	28.51 -0.78 -0.43	28.35 -0.34 0.00	24.74 -0.55 -0.09	21.16 -0.08 -0.46
HYLAND___LFGE 323620	24.23 1.08 -0.16	23.42 1.16 0.00	20.55 0.87 -0.32	19.33 0.78 -0.47	19.33 0.78 -0.47	19.28 0.82 -0.59	21.12 0.73 -0.70	21.61 0.31 -0.56	23.55 0.02 -0.37	24.68 -0.30 -0.05	25.48 -0.38 -0.27	25.91 -0.47 -0.36	28.02 -0.40 0.00	29.89 -0.52 0.00	32.32 -0.43 0.00	33.51 0.26 0.00	36.01 0.14 -1.40	38.04 0.43 -1.95	37.23 0.50 -0.65	33.45 1.05 -0.62	30.83 1.50 -0.47	30.44 1.75 0.00	26.58 1.28 -0.09	22.59 1.31 -0.50
INDECK___CORINTH 23802	26.11 1.77 -1.35	23.93 1.67 0.00	23.43 1.41 -2.67	23.24 1.30 -3.85	23.25 1.28 -3.87	24.07 1.32 -4.89	26.98 1.52 -5.78	27.01 1.62 -4.66	28.06 1.88 -3.02	27.53 2.17 -0.43	29.97 2.15 -2.23	31.11 2.26 -2.82	30.63 2.44 0.24	32.60 2.46 0.28	34.73 2.59 0.60	35.58 2.76 0.43	47.21 2.76 -9.98	53.11 2.96 -14.49	51.10 3.10 -11.92	46.69 2.86 -12.05	40.85 2.83 -9.16	31.50 2.81 0.00	28.27 2.29 -0.77	26.61 1.72 -4.10
INDECK___ILION 23567	23.24 0.25 0.00	22.51 0.24 0.00	19.55 0.19 0.00	18.27 0.18 0.00	18.27 0.18 0.00	18.04 0.18 0.00	19.88 0.20 0.00	20.90 0.17 0.00	23.37 0.21 0.00	25.25 0.32 0.00	25.82 0.23 0.00	26.31 0.29 0.00	28.76 0.34 0.00	30.78 0.36 0.00	33.07 0.33 0.00	33.58 0.33 0.00	34.78 0.31 0.00	35.99 0.32 0.00	36.40 0.32 0.00	32.01 0.22 0.00	29.03 0.17 0.00	28.86 0.17 0.00	25.33 0.13 0.00	20.88 0.10 0.00
INDECK___OLEAN 23982	22.29 -0.87 -0.18	22.33 0.07 0.00	18.91 -0.79 -0.35	17.82 -0.78 -0.51	17.79 -0.81 -0.51	17.87 -0.64 -0.65	19.55 -0.91 -0.77	20.21 -1.14 -0.62	22.27 -1.30 -0.40	23.47 -1.52 -0.06	24.35 -1.53 -0.30	24.85 -1.56 -0.39	27.77 -0.65 0.00	29.86 -0.55 0.00	32.32 -0.43 0.00	32.85 -0.40 0.00	33.93 -2.07 -1.53	35.87 -1.93 -2.13	36.00 -0.79 -0.72	32.18 -0.29 -0.68	29.58 0.20 -0.52	29.23 0.54 0.00	24.55 -0.76 -0.10	20.89 -0.44 -0.54
INDECK___OSWEGO 23783	22.72 -0.34 -0.08	21.93 -0.33 0.00	19.24 -0.27 -0.15	18.06 -0.25 -0.22	18.06 -0.25 -0.22	17.91 -0.23 -0.28	19.76 -0.26 -0.33	20.67 -0.33 -0.27	22.97 -0.37 -0.17	24.48 -0.47 -0.02	25.20 -0.51 -0.13	25.73 -0.47 -0.17	27.91 -0.51 0.00	29.86 -0.55 0.00	31.92 -0.82 0.00	32.45 -0.80 0.00	34.31 -0.83 -0.67	35.77 -0.82 -0.93	35.21 -0.87 0.00	31.02 -0.76 0.00	28.48 -0.38 0.00	28.32 -0.37 0.00	24.89 -0.35 -0.04	20.87 -0.14 -0.24



INDECK___YERKES 23781	22.93 -0.21 -0.15	22.15 -0.11 0.00	19.42 -0.23 -0.29	18.26 -0.25 -0.42	18.28 -0.24 -0.43	18.28 -0.12 -0.54	19.85 -0.47 -0.64	20.41 -0.83 -0.51	22.45 -1.04 -0.33	23.81 -1.17 -0.05	24.61 -1.23 -0.25	25.18 -1.17 -0.33	27.23 -1.19 0.00	29.16 -1.25 0.00	31.43 -1.31 0.00	31.95 -1.30 0.00	33.81 -1.93 -1.27	35.66 -1.78 -1.77	34.82 -1.88 -0.62	31.09 -1.24 -0.55	28.64 -0.64 -0.42	28.52 -0.17 0.00	24.88 -0.40 -0.09	21.29 0.06 -0.45
INDIAN POINT_GT_1 24139	25.35 1.36 -1.00	23.60 1.34 0.00	22.43 1.10 -1.97	21.98 1.05 -2.84	21.98 1.03 -2.86	22.47 1.00 -3.61	25.08 1.12 -4.27	25.44 1.26 -3.45	26.95 1.55 -2.23	27.12 1.87 -0.32	29.17 1.92 -1.66	30.66 1.95 -2.69	30.89 2.16 -0.31	32.89 2.25 -0.23	35.60 2.36 -0.50	36.10 2.49 -0.36	46.96 2.65 -9.84	51.60 2.71 -13.22	43.25 2.67 -4.50	37.71 2.22 -3.70	33.54 1.88 -2.81	30.70 2.01 0.00	27.66 1.89 -0.57	25.10 1.29 -3.03
INDIAN POINT_GT_2 23659	25.35 1.36 -1.00	23.60 1.34 0.00	22.43 1.10 -1.97	21.98 1.05 -2.84	21.98 1.03 -2.86	22.47 1.00 -3.61	25.08 1.12 -4.27	25.44 1.26 -3.45	26.95 1.55 -2.23	27.12 1.87 -0.32	29.17 1.92 -1.66	30.66 1.95 -2.69	30.89 2.16 -0.31	32.89 2.25 -0.23	35.60 2.36 -0.50	36.10 2.49 -0.36	46.96 2.65 -9.84	51.60 2.71 -13.22	43.25 2.67 -4.50	37.71 2.22 -3.70	33.54 1.88 -2.81	30.70 2.01 0.00	27.66 1.89 -0.57	25.10 1.29 -3.03
INDIAN POINT_GT_3 24019	25.35 1.36 -1.00	23.60 1.34 0.00	22.43 1.10 -1.97	21.98 1.05 -2.84	21.98 1.03 -2.86	22.47 1.00 -3.61	25.08 1.12 -4.27	25.44 1.26 -3.45	26.95 1.55 -2.23	27.12 1.87 -0.32	29.17 1.92 -1.66	30.66 1.95 -2.69	30.89 2.16 -0.31	32.89 2.25 -0.23	35.60 2.36 -0.50	36.10 2.49 -0.36	46.96 2.65 -9.84	51.60 2.71 -13.22	43.25 2.67 -4.50	37.71 2.22 -3.70	33.54 1.88 -2.81	30.70 2.01 0.00	27.66 1.89 -0.57	25.10 1.29 -3.03
INDIAN POINT___2 23530	25.31 1.33 -0.98	23.57 1.31 0.00	22.37 1.08 -1.94	21.90 1.01 -2.79	21.89 0.99 -2.81	22.39 0.98 -3.55	24.99 1.10 -4.20	25.36 1.24 -3.39	26.86 1.50 -2.19	27.06 1.82 -0.31	29.08 1.87 -1.63	30.48 1.90 -2.56	30.77 2.07 -0.28	32.79 2.16 -0.22	35.48 2.26 -0.48	35.98 2.40 -0.34	46.70 2.59 -9.64	51.23 2.60 -12.96	43.05 2.56 -4.41	37.54 2.13 -3.63	33.44 1.82 -2.76	30.64 1.95 0.00	27.60 1.84 -0.56	25.03 1.27 -2.98
INDIAN POINT___3 23531	25.32 1.33 -1.00	23.58 1.31 0.00	22.41 1.08 -1.97	21.97 1.03 -2.85	21.97 1.01 -2.87	22.48 1.00 -3.61	25.06 1.10 -4.27	25.40 1.22 -3.45	26.90 1.51 -2.23	27.04 1.79 -0.32	29.12 1.87 -1.66	30.69 1.87 -2.79	30.83 2.07 -0.34	32.80 2.16 -0.23	35.50 2.26 -0.50	36.00 2.39 -0.36	46.87 2.55 -9.85	51.46 2.57 -13.23	43.11 2.53 -4.50	37.61 2.13 -3.70	33.49 1.82 -2.81	30.64 1.95 0.00	27.61 1.84 -0.57	25.06 1.25 -3.04
INGHAM_C_115KV_TB7 356103	23.36 0.37 0.00	22.62 0.36 0.00	19.65 0.29 0.00	18.36 0.27 0.00	18.36 0.27 0.00	18.13 0.27 0.00	19.98 0.30 0.00	20.98 0.25 0.00	23.46 0.30 0.00	25.43 0.50 0.00	25.92 0.33 0.00	26.44 0.42 0.00	28.93 0.51 0.00	30.93 0.52 0.00	33.17 0.43 0.00	33.65 0.40 0.00	34.85 0.38 0.00	36.06 0.39 0.00	36.44 0.36 0.00	32.01 0.22 0.00	29.00 0.14 0.00	28.83 0.14 0.00	25.33 0.13 0.00	20.86 0.08 0.00
IP CORINTH___1 23988	26.11 1.77 -1.35	23.93 1.67 0.00	23.44 1.41 -2.67	23.24 1.30 -3.85	23.25 1.28 -3.87	24.07 1.32 -4.89	26.98 1.52 -5.78	26.99 1.60 -4.66	28.06 1.88 -3.02	27.53 2.17 -0.43	29.97 2.15 -2.23	31.11 2.26 -2.82	30.63 2.44 0.24	32.60 2.46 0.28	34.73 2.59 0.60	35.58 2.76 0.43	47.21 2.76 -9.98	53.11 2.96 -14.49	51.10 3.10 -11.92	46.69 2.86 -12.05	40.85 2.83 -9.16	31.50 2.81 0.00	28.27 2.29 -0.77	26.61 1.72 -4.10
IP___TICONDEROGA 23804	27.33 2.99 -1.35	25.09 2.83 0.00	24.38 2.36 -2.66	24.12 2.19 -3.84	24.13 2.17 -3.87	24.97 2.23 -4.88	28.08 2.62 -5.77	28.18 2.80 -4.66	29.47 3.29 -3.02	29.13 3.76 -0.43	31.63 3.81 -2.23	32.87 4.03 -2.81	32.38 4.21 0.24	34.66 4.53 0.28	36.91 4.78 0.61	37.73 4.92 0.44	49.29 4.89 -9.92	55.19 5.10 -14.42	53.20 5.30 -11.81	48.61 4.86 -11.96	42.80 4.85 -9.09	33.57 4.88 0.00	29.83 3.86 -0.77	27.81 2.93 -4.10
ISLIP_RES_REC 323679	34.05 2.80 -8.25	29.42 2.76 -4.40	27.01 2.32 -5.33	23.13 2.13 -2.91	24.37 2.13 -4.15	28.18 2.11 -8.21	29.12 2.36 -7.07	33.64 2.68 -10.24	33.84 3.06 -7.62	35.07 3.42 -6.73	38.74 3.38 -9.78	40.70 3.36 -11.32	46.57 3.72 -14.43	46.81 3.86 -12.54	121.07 4.06 -84.27	127.38 4.22 -89.91	130.21 4.41 -91.33	114.08 4.57 -73.85	107.54 4.62 -66.84	110.90 3.97 -75.15	104.78 3.49 -72.43	58.93 3.79 -26.45	40.90 3.45 -12.25	40.79 2.56 -17.45
JAMAICA__27_KV_LOAD 355505	25.70 1.70 -1.01	23.86 1.60 0.00	22.67 1.32 -2.00	22.20 1.23 -2.88	22.20 1.21 -2.90	22.72 1.20 -3.66	25.43 1.42 -4.33	25.96 1.74 -3.49	27.60 2.18 -2.26	27.87 2.62 -0.32	29.83 2.56 -1.68	31.23 2.52 -2.68	31.42 2.70 -0.30	33.47 2.83 -0.24	36.14 2.88 -0.51	36.64 3.03 -0.36	47.83 3.38 -9.99	52.47 3.39 -13.41	44.00 3.36 -4.57	38.30 2.77 -3.75	34.01 2.31 -2.85	31.24 2.55 0.00	28.40 2.62 -0.58	25.58 1.72 -3.07
JANIS___SOLAR 323808	24.20 0.97 -0.25	23.31 1.05 0.00	20.65 0.81 -0.49	19.53 0.74 -0.70	19.55 0.76 -0.71	19.54 0.79 -0.89	21.73 0.98 -1.06	22.43 0.85 -0.85	24.60 0.88 -0.55	25.88 0.87 -0.08	26.71 0.72 -0.41	27.29 0.73 -0.54	29.44 1.02 0.00	31.54 1.13 0.00	34.05 1.31 0.00	34.64 1.40 0.00	38.02 1.45 -2.11	40.35 1.75 -2.94	39.46 2.13 -1.25	34.85 1.87 -1.19	31.70 1.93 -0.91	30.50 1.81 0.00	26.68 1.33 -0.14	22.69 1.16 -0.75
JARVIS____ 23743	23.10 0.12 0.00	22.37 0.11 0.00	19.45 0.10 0.00	18.16 0.07 0.00	18.16 0.07 0.00	17.93 0.07 0.00	19.77 0.08 0.00	20.79 0.06 0.00	23.23 0.07 0.00	25.03 0.10 0.00	25.66 0.08 0.00	26.10 0.08 0.00	28.54 0.11 0.00	30.53 0.12 0.00	32.87 0.13 0.00	33.41 0.17 0.00	34.57 0.10 0.00	35.77 0.11 0.00	36.19 0.11 0.00	31.88 0.10 0.00	28.94 0.09 0.00	28.75 0.06 0.00	25.28 0.08 0.00	20.82 0.04 0.00
JENNISON___1 23625	24.36 1.06 -0.31	23.40 1.14 0.00	20.86 0.89 -0.61	19.79 0.81 -0.88	19.79 0.81 -0.89	19.84 0.86 -1.12	22.05 1.04 -1.32	22.71 0.91 -1.07	24.94 1.09 -0.69	26.28 1.25 -0.10	27.20 1.10 -0.51	27.87 1.17 -0.68	29.99 1.56 0.00	32.08 1.67 0.00	34.64 1.90 0.00	35.18 1.93 0.00	39.01 1.90 -2.65	41.46 2.10 -3.69	40.37 2.45 -1.84	35.70 2.16 -1.75	32.33 2.14 -1.33	30.70 2.01 0.00	26.92 1.54 -0.18	22.99 1.27 -0.94
JENNISON___2 23626	24.36 1.06 -0.31	23.40 1.14 0.00	20.86 0.89 -0.61	19.79 0.81 -0.88	19.79 0.81 -0.89	19.84 0.86 -1.12	22.05 1.04 -1.32	22.71 0.91 -1.07	24.94 1.09 -0.69	26.28 1.25 -0.10	27.20 1.10 -0.51	27.87 1.17 -0.68	29.99 1.56 0.00	32.08 1.67 0.00	34.64 1.90 0.00	35.18 1.93 0.00	39.01 1.90 -2.65	41.46 2.10 -3.69	40.37 2.45 -1.84	35.70 2.16 -1.75	32.33 2.14 -1.33	30.70 2.01 0.00	26.92 1.54 -0.18	22.99 1.27 -0.94

JERICO_RISE_WT_PWR 323719	22.94 -0.05 0.00	22.17 -0.09 0.00	19.24 -0.12 0.00	17.98 -0.11 0.00	18.01 -0.07 0.00	17.74 -0.12 0.00	19.61 -0.08 0.00	20.81 0.08 0.00	23.19 0.02 0.00	24.93 0.00 0.00	25.61 0.03 0.00	26.00 -0.03 0.00	28.28 -0.14 0.00	30.32 -0.09 0.00	32.68 -0.07 0.00	32.55 -0.70 0.00	33.71 -0.76 0.00	34.67 -1.00 0.00	35.43 -0.65 0.00	31.47 -0.32 0.00	28.17 -0.69 0.00	27.68 -1.00 0.00	24.09 -1.11 0.00	19.74 -1.04 0.00
KATONAH__115KV_46KV_TB4 355592	25.49 1.47 -1.03	23.71 1.45 0.00	22.61 1.22 -2.03	22.20 1.18 -2.93	22.16 1.12 -2.95	22.67 1.09 -3.72	25.33 1.24 -4.40	25.67 1.39 -3.55	27.18 1.71 -2.30	27.30 2.04 -0.33	29.42 2.12 -1.71	30.84 2.19 -2.63	31.25 2.56 -0.27	33.32 2.68 -0.23	36.03 2.78 -0.51	36.57 2.96 -0.36	47.73 3.14 -10.12	52.51 3.25 -13.60	43.92 3.21 -4.63	38.27 2.67 -3.81	33.89 2.14 -2.90	30.96 2.27 0.00	27.83 2.04 -0.59	25.32 1.41 -3.13
KCE_NY_1 323755	25.90 1.56 -1.35	23.75 1.49 0.00	23.29 1.28 -2.66	23.10 1.18 -3.84	23.12 1.17 -3.86	23.93 1.20 -4.87	26.77 1.32 -5.76	26.75 1.37 -4.65	27.77 1.60 -3.01	27.20 1.84 -0.43	29.68 1.87 -2.22	30.75 1.93 -2.80	30.27 2.10 0.25	32.34 2.22 0.29	34.44 2.32 0.63	35.29 2.49 0.45	46.85 2.51 -9.86	52.69 2.68 -14.35	50.52 2.74 -11.70	46.14 2.48 -11.87	40.22 2.34 -9.03	31.04 2.35 0.00	27.94 1.97 -0.77	26.37 1.50 -4.09
KCE_NY_6_ESR 323823	22.90 -0.25 -0.16	22.31 0.04 0.00	19.40 -0.27 -0.31	18.25 -0.29 -0.45	18.23 -0.31 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.51 -0.77 -0.55	22.55 -0.97 -0.35	23.88 -1.10 -0.05	24.70 -1.15 -0.26	25.28 -1.09 -0.35	27.54 -0.88 0.00	29.53 -0.88 0.00	31.86 -0.88 0.00	32.38 -0.86 0.00	34.07 -1.76 -1.35	35.98 -1.57 -1.89	35.34 -1.37 -0.63	31.58 -0.79 -0.59	29.05 -0.26 -0.45	28.89 0.20 0.00	24.97 -0.33 -0.09	21.32 0.06 -0.48
KEDC_PORT_JEFF_GT2 24210	33.77 2.53 -8.25	29.18 2.51 -4.40	26.80 2.11 -5.33	22.95 1.95 -2.91	24.18 1.94 -4.15	27.99 1.91 -8.21	28.88 2.13 -7.07	33.82 2.42 -10.67	33.54 2.76 -7.62	34.77 3.12 -6.73	39.14 2.97 -10.59	41.46 2.94 -12.49	47.79 3.15 -16.21	47.86 3.19 -14.26	139.83 3.31 -103.78	146.20 3.43 -109.53	148.40 3.62 -110.31	142.88 3.74 -103.47	136.63 3.79 -96.77	141.98 3.21 -106.99	135.54 2.86 -103.83	62.27 3.16 -30.43	40.87 3.07 -12.59	40.83 2.24 -17.80
KEDC_PORT_JEFF_GT3 24211	33.77 2.53 -8.25	29.18 2.51 -4.40	26.80 2.11 -5.33	22.95 1.95 -2.91	24.18 1.94 -4.15	27.99 1.91 -8.21	28.88 2.13 -7.07	33.82 2.42 -10.67	33.54 2.76 -7.62	34.77 3.12 -6.73	39.14 2.97 -10.59	41.46 2.94 -12.49	47.79 3.15 -16.21	47.86 3.19 -14.26	139.83 3.31 -103.78	146.20 3.43 -109.53	148.40 3.62 -110.31	142.88 3.74 -103.47	136.63 3.79 -96.77	141.98 3.21 -106.99	135.54 2.86 -103.83	62.27 3.16 -30.43	40.87 3.07 -12.59	40.83 2.24 -17.80
KEDC_GLWD_GT4 24219	33.10 1.86 -8.25	28.49 1.83 -4.40	26.21 1.53 -5.33	22.43 1.43 -2.91	23.65 1.41 -4.15	27.47 1.39 -8.21	28.31 1.55 -7.07	30.90 1.76 -8.41	32.89 2.11 -7.62	34.14 2.49 -6.72	33.19 2.56 -5.04	34.89 2.52 -6.34	35.10 2.70 -3.98	35.73 2.83 -2.49	37.08 2.95 -1.39	43.27 3.09 -6.93	48.79 3.31 -11.01	52.50 3.35 -13.49	44.40 3.32 -5.00	39.45 2.80 -4.87	35.26 2.39 -4.01	34.43 2.55 -3.19	34.28 2.52 -6.55	34.25 1.81 -11.66
KEDC_GLWD_GT5 24220	33.10 1.86 -8.25	28.49 1.83 -4.40	26.21 1.53 -5.33	22.43 1.43 -2.91	23.65 1.41 -4.15	27.47 1.39 -8.21	28.31 1.55 -7.07	30.90 1.76 -8.41	32.89 2.11 -7.62	34.14 2.49 -6.72	33.19 2.56 -5.04	34.89 2.52 -6.34	35.10 2.70 -3.98	35.73 2.83 -2.49	37.08 2.95 -1.39	43.27 3.09 -6.93	48.79 3.31 -11.01	52.50 3.35 -13.49	44.40 3.32 -5.00	39.45 2.80 -4.87	35.26 2.39 -4.01	34.43 2.55 -3.19	34.28 2.52 -6.55	34.25 1.81 -11.66
KENSICO____ 23655	25.45 1.45 -1.01	23.69 1.42 0.00	22.53 1.18 -1.99	22.07 1.10 -2.88	22.08 1.10 -2.89	22.58 1.07 -3.65	25.21 1.20 -4.32	25.58 1.37 -3.48	27.09 1.67 -2.26	27.25 1.99 -0.32	29.34 2.07 -1.68	30.80 2.08 -2.69	31.03 2.30 -0.30	33.05 2.40 -0.24	35.74 2.49 -0.51	36.24 2.63 -0.36	47.26 2.83 -9.96	51.89 2.85 -13.38	43.45 2.81 -4.55	37.87 2.35 -3.73	33.72 2.02 -2.84	30.84 2.15 0.00	27.82 2.04 -0.58	25.24 1.39 -3.07
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.26 1.33 -0.93	23.60 1.34 0.00	22.28 1.08 -1.84	21.78 1.03 -2.66	21.79 1.03 -2.67	22.22 0.98 -3.37	24.78 1.10 -3.99	25.07 1.12 -3.22	26.80 1.53 -2.11	27.10 1.87 -0.30	29.00 1.84 -1.57	30.13 1.98 -2.13	30.79 2.27 -0.10	32.96 2.43 -0.11	35.54 2.55 -0.25	36.15 2.73 -0.18	46.15 2.96 -8.72	50.13 2.71 -11.76	42.93 2.67 -4.19	37.74 2.26 -3.69	33.63 1.96 -2.81	30.67 1.98 0.00	27.55 1.81 -0.53	24.86 1.25 -2.83
KIAC_JFK_GT1 23816	25.57 1.56 -1.01	23.75 1.49 0.00	22.57 1.22 -2.00	22.11 1.14 -2.88	22.11 1.12 -2.90	22.63 1.11 -3.66	25.34 1.32 -4.33	25.86 1.64 -3.49	27.49 2.06 -2.26	27.72 2.47 -0.32	29.70 2.43 -1.68	30.99 2.29 -2.68	31.17 2.44 -0.30	33.17 2.52 -0.24	35.84 2.59 -0.51	36.37 2.76 -0.36	47.52 3.07 -9.99	52.15 3.07 -13.41	43.68 3.03 -4.57	38.01 2.48 -3.75	33.78 2.08 -2.85	30.98 2.30 0.00	28.25 2.47 -0.58	25.45 1.60 -3.07
KIAC_JFK_GT2 23817	25.57 1.56 -1.01	23.75 1.49 0.00	22.57 1.22 -2.00	22.11 1.14 -2.88	22.11 1.12 -2.90	22.63 1.11 -3.66	25.34 1.32 -4.33	25.86 1.64 -3.49	27.49 2.06 -2.26	27.72 2.47 -0.32	29.70 2.43 -1.68	30.99 2.29 -2.68	31.17 2.44 -0.30	33.17 2.52 -0.24	35.84 2.59 -0.51	36.37 2.76 -0.36	47.52 3.07 -9.99	52.15 3.07 -13.41	43.68 3.03 -4.57	38.01 2.48 -3.75	33.78 2.08 -2.85	30.98 2.30 0.00	28.25 2.47 -0.58	25.45 1.60 -3.07
KIAC_JFK____ 323774	25.57 1.56 -1.01	23.75 1.49 0.00	22.57 1.22 -2.00	22.11 1.14 -2.88	22.09 1.10 -2.90	22.63 1.11 -3.66	25.34 1.32 -4.33	25.88 1.66 -3.49	27.49 2.06 -2.26	27.72 2.47 -0.32	29.70 2.43 -1.68	30.99 2.29 -2.68	31.17 2.44 -0.30	33.17 2.52 -0.24	35.84 2.59 -0.51	36.37 2.76 -0.36	47.52 3.07 -9.99	52.15 3.07 -13.41	43.68 3.03 -4.57	38.01 2.48 -3.75	33.78 2.08 -2.85	30.99 2.30 0.00	28.25 2.47 -0.58	25.45 1.60 -3.07
KINTIGH____ 23543	22.82 -0.30 -0.13	21.86 -0.40 0.00	19.32 -0.29 -0.26	18.17 -0.29 -0.37	18.16 -0.31 -0.38	18.14 -0.20 -0.47	19.81 -0.43 -0.56	20.23 -0.95 -0.45	22.48 -0.97 -0.29	23.87 -1.10 -0.04	24.65 -1.15 -0.22	25.19 -1.12 -0.29	27.00 -1.42 0.00	28.89 -1.52 0.00	31.14 -1.60 0.00	31.72 -1.53 0.00	33.80 -1.79 -1.12	35.59 -1.64 -1.56	34.48 -2.09 -0.49	30.73 -1.53 -0.47	28.29 -0.92 -0.36	28.14 -0.55 0.00	24.85 -0.43 -0.08	21.18 0.00 -0.40
KNTFSRNC_46_KV_46KV_LOAD 80397	23.20 0.21 0.00	22.42 0.16 0.00	19.41 0.06 0.00	18.16 0.07 0.00	18.20 0.11 0.00	17.90 0.04 0.00	19.82 0.14 0.00	21.10 0.37 0.00	23.44 0.28 0.00	25.20 0.27 0.00	25.87 0.28 0.00	26.31 0.29 0.00	28.59 0.17 0.00	30.65 0.24 0.00	33.04 0.29 0.00	32.75 -0.50 0.00	34.06 -0.41 0.00	34.77 -0.89 0.00	35.72 -0.36 0.00	31.82 0.03 0.00	28.45 -0.40 0.00	27.97 -0.72 0.00	24.30 -0.91 0.00	19.89 -0.89 0.00

LACHUTE____HYDRO 323717	27.33 2.99 -1.35	25.09 2.83 0.00	24.38 2.36 -2.66	24.12 2.19 -3.84	24.12 2.17 -3.87	24.97 2.23 -4.88	28.08 2.62 -5.77	28.23 2.84 -4.66	29.47 3.29 -3.02	29.13 3.76 -0.43	31.63 3.81 -2.23	32.87 4.03 -2.81	32.38 4.21 0.24	34.66 4.53 0.28	36.91 4.78 0.61	37.73 4.92 0.44	49.28 4.89 -9.92	55.19 5.10 -14.42	53.20 5.31 -11.81	48.61 4.86 -11.96	42.80 4.85 -9.09	33.57 4.88 0.00	29.83 3.86 -0.77	27.81 2.93 -4.10
LAWRNCV_115KV_TB1 80681	22.02 -0.97 0.00	21.30 -0.96 0.00	18.50 -0.85 0.00	17.29 -0.80 0.00	17.33 -0.76 0.00	17.06 -0.80 0.00	18.86 -0.83 0.00	20.07 -0.66 0.00	22.28 -0.88 0.00	24.01 -0.92 0.00	24.59 -1.00 0.00	25.03 -0.99 0.00	27.31 -1.11 0.00	29.29 -1.13 0.00	31.56 -1.18 0.00	31.78 -1.46 0.00	33.12 -1.34 0.00	34.13 -1.53 0.00	34.71 -1.37 0.00	30.64 -1.14 0.00	27.67 -1.18 0.00	27.31 -1.38 0.00	23.92 -1.29 0.00	19.66 -1.12 0.00
LEDERLE____ 23769	25.33 1.38 -0.97	23.62 1.36 0.00	22.38 1.12 -1.90	21.90 1.07 -2.74	21.90 1.05 -2.76	22.38 1.04 -3.48	24.95 1.14 -4.12	25.30 1.24 -3.32	26.82 1.51 -2.15	27.08 1.84 -0.31	29.08 1.89 -1.60	29.79 1.93 -1.84	30.60 2.10 -0.08	32.84 2.22 -0.21	35.53 2.32 -0.46	36.04 2.46 -0.33	46.53 2.62 -9.44	51.04 2.67 -12.70	42.99 2.60 -4.31	37.54 2.19 -3.56	33.44 1.88 -2.71	30.70 2.01 0.00	27.62 1.87 -0.55	24.97 1.27 -2.92
LIGHTHSE_115KV_TB6 355974	22.88 -0.18 -0.07	22.11 -0.16 0.00	19.36 -0.14 -0.14	18.17 -0.13 -0.20	18.16 -0.13 -0.20	18.01 -0.11 -0.26	19.91 -0.08 -0.31	20.77 -0.21 -0.25	23.14 -0.19 -0.16	24.68 -0.27 -0.02	25.40 -0.31 -0.12	25.89 -0.29 -0.16	28.17 -0.26 0.00	30.08 -0.33 0.00	32.41 -0.33 0.00	32.85 -0.40 0.00	34.77 -0.31 -0.61	36.26 -0.25 -0.85	35.90 -0.18 0.00	31.63 -0.16 0.00	28.97 0.12 0.00	28.75 0.06 0.00	25.24 0.00 -0.04	21.08 0.08 -0.22
LINDEN COGEN____ 23786	25.45 1.45 -1.01	23.64 1.38 0.00	22.49 1.14 -2.00	22.02 1.05 -2.88	22.02 1.03 -2.90	22.54 1.02 -3.66	25.20 1.18 -4.33	25.67 1.45 -3.49	27.21 1.78 -2.26	27.45 2.19 -0.32	29.52 2.25 -1.68	30.97 2.26 -2.68	31.17 2.44 -0.30	33.14 2.49 -0.24	35.78 2.52 -0.51	36.30 2.69 -0.36	47.39 2.93 -9.99	52.00 2.93 -13.41	43.53 2.89 -4.57	37.88 2.35 -3.75	33.70 1.99 -2.85	30.93 2.24 0.00	27.95 2.17 -0.58	25.31 1.45 -3.07
LINDHRST_69_KV_BK1 356055	33.68 2.44 -8.25	29.05 2.38 -4.40	26.68 1.99 -5.33	22.86 1.86 -2.91	24.10 1.86 -4.15	27.90 1.82 -8.21	28.80 2.05 -7.07	31.58 2.26 -8.59	33.45 2.66 -7.62	34.69 3.04 -6.72	34.11 2.99 -5.53	35.67 3.04 -6.61	36.85 3.38 -5.05	37.46 3.53 -3.52	45.74 3.60 -9.40	51.43 3.72 -14.46	56.73 3.96 -18.30	60.28 4.10 -20.51	52.59 4.08 -12.43	48.88 3.53 -13.57	44.55 3.12 -12.57	37.59 3.33 -5.57	36.21 3.10 -7.91	36.11 2.29 -13.05
LIPA_MISC_IPP 23656	33.86 2.62 -8.25	29.27 2.60 -4.40	26.87 2.19 -5.33	23.02 2.03 -2.91	24.25 2.01 -4.15	28.06 1.98 -8.21	28.96 2.20 -7.07	33.49 2.45 -10.32	33.63 2.85 -7.62	34.87 3.22 -6.72	39.15 3.10 -10.47	38.61 3.12 -9.46	47.85 3.47 -15.96	48.05 3.62 -14.02	124.38 3.77 -87.88	130.84 3.89 -93.70	133.57 4.10 -95.00	180.61 4.28 -140.67	174.03 4.33 -133.62	177.63 3.72 -142.13	171.44 3.26 -139.32	62.05 3.47 -29.89	40.52 3.25 -12.07	40.43 2.39 -17.26
LISF____SOLAR 323691	33.88 2.64 -8.25	29.29 2.63 -4.40	26.91 2.22 -5.33	23.04 2.04 -2.91	24.27 2.03 -4.15	28.09 2.02 -8.21	29.00 2.24 -7.07	33.60 2.53 -10.34	33.66 2.87 -7.62	34.95 3.29 -6.73	39.15 3.15 -10.41	40.83 3.20 -11.61	47.82 3.55 -15.84	48.02 3.71 -13.90	125.45 3.80 -88.91	131.91 3.95 -94.71	134.64 4.20 -95.97	205.50 4.39 -165.45	198.92 4.40 -158.44	202.67 3.81 -167.07	196.45 3.35 -164.24	61.92 3.61 -29.61	40.63 3.30 -12.13	40.54 2.43 -17.33
LITTLE FALLS____HYD 24013	23.36 0.37 0.00	22.62 0.36 0.00	19.65 0.29 0.00	18.36 0.27 0.00	18.36 0.27 0.00	18.13 0.27 0.00	19.98 0.30 0.00	20.98 0.25 0.00	23.46 0.30 0.00	25.43 0.50 0.00	25.92 0.33 0.00	26.44 0.42 0.00	28.93 0.51 0.00	30.93 0.52 0.00	33.17 0.43 0.00	33.65 0.40 0.00	34.85 0.38 0.00	36.06 0.39 0.00	36.44 0.36 0.00	32.01 0.22 0.00	29.00 0.14 0.00	28.83 0.14 0.00	25.33 0.13 0.00	20.86 0.08 0.00
LITTLRIV_115KV_TB1 356100	22.21 -0.78 0.00	21.46 -0.80 0.00	18.66 -0.70 0.00	17.42 -0.67 0.00	17.45 -0.63 0.00	17.18 -0.68 0.00	19.04 -0.65 0.00	20.25 -0.48 0.00	22.47 -0.69 0.00	24.26 -0.67 0.00	24.79 -0.79 0.00	25.29 -0.73 0.00	27.65 -0.77 0.00	29.65 -0.76 0.00	31.92 -0.82 0.00	32.12 -1.13 0.00	33.50 -0.97 0.00	34.45 -1.21 0.00	35.11 -0.97 0.00	30.99 -0.79 0.00	28.02 -0.84 0.00	27.63 -1.06 0.00	24.17 -1.03 0.00	19.87 -0.91 0.00
LI_NEWBRDGE____DRP 323616	33.13 1.89 -8.25	28.49 1.83 -4.40	26.22 1.53 -5.33	22.43 1.43 -2.91	23.67 1.43 -4.15	27.47 1.39 -8.21	28.31 1.56 -7.07	30.85 1.74 -8.38	32.87 2.08 -7.62	34.07 2.42 -6.72	33.01 2.38 -5.04	34.76 2.39 -6.34	35.04 2.64 -3.98	35.64 2.74 -2.49	36.28 2.85 -0.69	43.17 2.99 -6.93	48.65 3.17 -11.01	52.39 3.32 -13.41	43.94 3.32 -4.54	38.23 2.77 -3.68	34.03 2.40 -2.78	34.43 2.55 -3.19	34.20 2.44 -6.55	34.17 1.72 -11.66
LOCKPORT_115KV_TB60_63_64 80432	22.72 -0.41 -0.14	22.02 -0.24 0.00	19.25 -0.39 -0.28	18.08 -0.42 -0.41	18.08 -0.42 -0.41	18.09 -0.29 -0.52	19.71 -0.59 -0.61	20.02 -1.20 -0.49	22.28 -1.20 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.97 -1.45 0.00	28.83 -1.58 0.00	31.07 -1.67 0.00	31.65 -1.60 0.00	33.41 -2.27 -1.22	35.29 -2.07 -1.70	34.44 -2.20 -0.56	30.78 -1.53 -0.52	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.70 -0.58 -0.08	21.15 -0.06 -0.43
LOCKPORT____CC1 323769	22.72 -0.41 -0.14	21.93 -0.33 0.00	19.25 -0.39 -0.28	18.10 -0.40 -0.41	18.10 -0.40 -0.41	18.10 -0.29 -0.52	19.71 -0.59 -0.61	20.27 -0.95 -0.50	22.26 -1.23 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.94 -1.48 0.00	28.83 -1.58 0.00	31.11 -1.64 0.00	31.62 -1.63 0.00	33.46 -2.24 -1.23	35.31 -2.07 -1.71	34.40 -2.24 -0.56	30.75 -1.56 -0.53	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.71 -0.58 -0.08	21.13 -0.08 -0.44
LOCKPORT____CC2 323770	22.72 -0.41 -0.14	21.93 -0.33 0.00	19.25 -0.39 -0.28	18.10 -0.40 -0.41	18.10 -0.40 -0.41	18.10 -0.29 -0.52	19.71 -0.59 -0.61	20.27 -0.95 -0.50	22.26 -1.23 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.94 -1.48 0.00	28.83 -1.58 0.00	31.11 -1.64 0.00	31.62 -1.63 0.00	33.46 -2.24 -1.23	35.31 -2.07 -1.71	34.40 -2.24 -0.56	30.75 -1.56 -0.53	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.71 -0.58 -0.08	21.13 -0.08 -0.44
LOCKPORT____CC3 323771	22.72 -0.41 -0.14	21.93 -0.33 0.00	19.25 -0.39 -0.28	18.10 -0.40 -0.41	18.10 -0.40 -0.41	18.10 -0.29 -0.52	19.71 -0.59 -0.61	20.27 -0.95 -0.50	22.26 -1.23 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.94 -1.48 0.00	28.83 -1.58 0.00	31.11 -1.64 0.00	31.62 -1.63 0.00	33.46 -2.24 -1.23	35.31 -2.07 -1.71	34.40 -2.24 -0.56	30.75 -1.56 -0.53	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.71 -0.58 -0.08	21.13 -0.08 -0.44

LONG_LAKE_PHOENIX 24014	22.79 -0.28 -0.08	21.99 -0.27 0.00	19.30 -0.21 -0.16	18.14 -0.18 -0.23	18.12 -0.20 -0.23	17.97 -0.18 -0.29	19.83 -0.20 -0.34	20.69 -0.31 -0.28	23.04 -0.30 -0.18	24.58 -0.37 -0.03	25.31 -0.41 -0.13	25.83 -0.36 -0.17	28.02 -0.40 0.00	30.01 -0.40 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.63 -0.52 -0.68	36.11 -0.50 -0.95	35.54 -0.54 0.00	31.31 -0.48 0.00	28.57 -0.29 0.00	28.43 -0.26 0.00	25.00 -0.25 -0.05	20.96 -0.06 -0.24
LOVETT___3 23632	25.22 1.26 -0.97	23.51 1.25 0.00	22.31 1.05 -1.91	21.84 0.99 -2.76	21.84 0.98 -2.78	22.31 0.95 -3.50	24.87 1.04 -4.14	25.23 1.16 -3.34	26.72 1.39 -2.16	26.93 1.70 -0.31	28.94 1.74 -1.61	29.59 1.74 -1.82	30.43 1.93 -0.07	32.63 2.01 -0.22	35.30 2.10 -0.47	35.81 2.23 -0.33	46.37 2.41 -9.49	50.86 2.43 -12.77	42.80 2.38 -4.34	37.34 1.97 -3.58	33.25 1.67 -2.72	30.50 1.81 0.00	27.47 1.71 -0.55	24.86 1.14 -2.94
LOVETT___4 23642	25.22 1.26 -0.97	23.51 1.25 0.00	22.31 1.05 -1.91	21.84 0.99 -2.76	21.84 0.98 -2.78	22.31 0.95 -3.50	24.87 1.04 -4.14	25.23 1.16 -3.34	26.72 1.39 -2.16	26.93 1.70 -0.31	28.94 1.74 -1.61	29.59 1.74 -1.82	30.43 1.93 -0.07	32.63 2.01 -0.22	35.30 2.10 -0.47	35.81 2.23 -0.33	46.37 2.41 -9.49	50.86 2.43 -12.77	42.80 2.38 -4.34	37.34 1.97 -3.58	33.25 1.67 -2.72	30.50 1.81 0.00	27.47 1.71 -0.55	24.86 1.14 -2.94
LOVETT___5 23593	25.22 1.26 -0.97	23.51 1.25 0.00	22.31 1.05 -1.91	21.84 0.99 -2.76	21.84 0.98 -2.78	22.31 0.95 -3.50	24.87 1.04 -4.14	25.23 1.16 -3.34	26.72 1.39 -2.16	26.93 1.70 -0.31	28.94 1.74 -1.61	29.59 1.74 -1.82	30.43 1.93 -0.07	32.63 2.01 -0.22	35.30 2.10 -0.47	35.81 2.23 -0.33	46.37 2.41 -9.49	50.86 2.43 -12.77	42.80 2.38 -4.34	37.34 1.97 -3.58	33.25 1.67 -2.72	30.50 1.81 0.00	27.47 1.71 -0.55	24.86 1.14 -2.94
LOWER RAQUET___HYD 24057	21.89 -1.10 0.00	21.15 -1.11 0.00	18.39 -0.97 0.00	17.19 -0.90 0.00	17.20 -0.89 0.00	16.93 -0.93 0.00	18.74 -0.94 0.00	19.88 -0.85 0.00	22.15 -1.02 0.00	23.86 -1.07 0.00	24.44 -1.15 0.00	24.88 -1.14 0.00	27.14 -1.28 0.00	29.13 -1.28 0.00	31.40 -1.34 0.00	31.62 -1.63 0.00	32.92 -1.55 0.00	33.92 -1.75 0.00	34.53 -1.55 0.00	30.48 -1.30 0.00	27.53 -1.33 0.00	27.14 -1.55 0.00	23.74 -1.46 0.00	19.51 -1.27 0.00
LOWER___HUDSON 24059	25.46 1.15 -1.32	23.35 1.09 0.00	22.89 0.93 -2.60	22.72 0.87 -3.76	22.74 0.87 -3.78	23.51 0.88 -4.77	26.27 0.94 -5.64	26.24 0.95 -4.55	27.25 1.13 -2.95	26.67 1.32 -0.42	29.09 1.33 -2.17	30.09 1.38 -2.69	29.61 1.51 0.32	31.63 1.58 0.36	33.60 1.64 0.78	34.45 1.76 0.56	45.48 1.79 -9.22	51.17 1.89 -13.62	48.18 1.91 -10.19	44.09 1.68 -10.62	38.49 1.56 -8.07	30.27 1.58 0.00	27.34 1.39 -0.76	25.82 1.04 -4.01
LOWVILLE_115KV_TB2 356335	22.91 -0.11 -0.04	22.15 -0.11 0.00	19.33 -0.10 -0.07	18.07 -0.13 -0.11	18.10 -0.09 -0.11	17.91 -0.09 -0.14	19.85 0.00 -0.16	20.82 -0.04 -0.13	23.18 -0.07 -0.08	24.84 -0.10 -0.01	25.45 -0.20 -0.06	25.92 -0.18 -0.08	28.34 -0.09 0.00	30.32 -0.09 0.00	32.87 0.13 0.00	33.25 0.00 0.00	35.03 0.24 -0.32	36.40 0.29 -0.45	36.62 0.54 0.00	32.26 0.48 0.00	29.41 0.55 0.00	29.01 0.32 0.00	25.38 0.15 -0.02	21.00 0.10 -0.11
LUTHERFT_115KV_GLOB_FND_222 355753	25.90 1.56 -1.35	23.75 1.49 0.00	23.27 1.26 -2.66	23.08 1.16 -3.84	23.11 1.16 -3.86	23.91 1.18 -4.87	26.75 1.30 -5.76	26.72 1.35 -4.65	27.75 1.58 -3.01	27.18 1.82 -0.43	29.65 1.84 -2.22	30.75 1.93 -2.80	30.27 2.10 0.25	32.34 2.22 0.29	34.44 2.32 0.63	35.26 2.46 0.45	46.81 2.48 -9.86	52.66 2.64 -14.35	50.52 2.74 -11.70	46.10 2.45 -11.87	40.19 2.31 -9.03	31.01 2.32 0.00	27.94 1.97 -0.77	26.35 1.48 -4.09
LUTHERNY_35_KV_BK2 355980	25.90 1.56 -1.35	23.75 1.49 0.00	23.29 1.28 -2.66	23.10 1.18 -3.84	23.12 1.18 -3.86	23.93 1.20 -4.87	26.77 1.32 -5.76	26.72 1.35 -4.65	27.77 1.60 -3.01	27.20 1.84 -0.43	29.68 1.87 -2.22	30.75 1.93 -2.80	30.27 2.10 0.25	32.34 2.22 0.29	34.44 2.32 0.63	35.29 2.49 0.45	46.85 2.52 -9.86	52.69 2.67 -14.35	50.52 2.74 -11.70	46.14 2.48 -11.87	40.22 2.34 -9.03	31.04 2.35 0.00	27.94 1.97 -0.77	26.37 1.50 -4.09
LWR___OSWEGATCHIE_HYD 23850	22.19 -0.83 -0.03	21.44 -0.82 0.00	18.67 -0.74 -0.05	17.48 -0.69 -0.08	17.50 -0.67 -0.08	17.28 -0.68 -0.10	19.16 -0.65 -0.12	20.20 -0.62 -0.10	22.44 -0.79 -0.06	24.07 -0.87 -0.01	24.71 -0.92 -0.05	25.12 -0.96 -0.06	27.43 -0.99 0.00	29.38 -1.03 0.00	31.79 -0.95 0.00	32.08 -1.16 0.00	33.74 -0.97 -0.24	34.92 -1.07 -0.33	35.25 -0.83 0.00	31.09 -0.70 0.00	28.22 -0.63 0.00	27.83 -0.86 0.00	24.34 -0.88 -0.02	20.09 -0.77 -0.08
LYONS_FALL_HYD 23570	23.12 0.09 -0.04	22.35 0.09 0.00	19.50 0.08 -0.07	18.23 0.04 -0.10	18.25 0.05 -0.10	18.07 0.07 -0.13	20.00 0.16 -0.16	20.98 0.13 -0.13	23.39 0.14 -0.08	25.12 0.18 -0.01	25.72 0.08 -0.06	26.23 0.13 -0.08	28.68 0.26 0.00	30.68 0.27 0.00	33.17 0.42 0.00	33.58 0.33 0.00	35.30 0.52 -0.31	36.67 0.57 -0.43	36.87 0.79 0.00	32.45 0.67 0.00	29.58 0.72 0.00	29.18 0.49 0.00	25.55 0.33 -0.02	21.16 0.27 -0.11
MADISON___COUNTY_LFGE 323628	23.53 0.48 -0.06	22.75 0.49 0.00	19.88 0.41 -0.12	18.60 0.34 -0.17	18.62 0.36 -0.17	18.47 0.39 -0.21	20.45 0.51 -0.25	21.39 0.46 -0.20	23.85 0.56 -0.13	25.60 0.65 -0.02	26.30 0.61 -0.10	26.80 0.65 -0.13	29.27 0.85 0.00	31.32 0.91 0.00	33.76 1.01 0.00	34.24 1.00 0.00	36.11 1.14 -0.51	37.58 1.21 -0.71	37.41 1.33 0.00	32.93 1.14 0.00	29.98 1.13 0.00	29.67 0.98 0.00	26.02 0.78 -0.03	21.62 0.66 -0.18
MALONE___115KV_TB1 356076	22.83 -0.16 0.00	22.08 -0.18 0.00	19.12 -0.23 0.00	17.89 -0.20 0.00	17.92 -0.16 0.00	17.65 -0.21 0.00	19.53 -0.16 0.00	20.81 0.08 0.00	23.12 -0.05 0.00	24.88 -0.05 0.00	25.51 -0.08 0.00	25.97 -0.05 0.00	28.25 -0.17 0.00	30.32 -0.09 0.00	32.64 -0.10 0.00	32.58 -0.66 0.00	33.92 -0.55 0.00	34.77 -0.89 0.00	35.54 -0.54 0.00	31.50 -0.29 0.00	28.22 -0.63 0.00	27.77 -0.92 0.00	24.17 -1.03 0.00	19.80 -0.98 0.00
MAPLEWOD_115KV_TB3 80458	25.29 0.99 -1.31	23.20 0.93 0.00	22.74 0.79 -2.59	22.56 0.74 -3.73	22.59 0.74 -3.76	23.35 0.75 -4.74	26.10 0.81 -5.61	26.08 0.83 -4.52	27.09 1.00 -2.93	26.55 1.20 -0.42	28.98 1.23 -2.16	30.03 1.28 -2.73	29.60 1.42 0.24	31.62 1.49 0.28	33.67 1.54 0.62	34.47 1.66 0.44	45.78 1.72 -9.59	51.44 1.82 -13.96	46.79 1.80 -8.91	42.58 1.59 -9.20	37.30 1.44 -7.00	30.15 1.46 0.00	27.24 1.29 -0.75	25.67 0.91 -3.98
MAPLE RIDGE_WT_1 323574	22.99 0.00 0.00	22.24 -0.02 0.00	19.28 -0.08 0.00	17.94 -0.15 0.00	17.91 -0.18 0.00	17.65 -0.21 0.00	19.39 -0.29 0.00	20.38 -0.35 0.00	22.79 -0.37 0.00	24.53 -0.40 0.00	25.15 -0.44 0.00	25.48 -0.55 0.00	27.82 -0.60 0.00	29.74 -0.67 0.00	32.05 -0.69 0.00	32.58 -0.66 0.00	33.81 -0.66 0.00	35.09 -0.57 0.00	35.39 -0.69 0.00	30.90 -0.89 0.00	27.79 -1.07 0.00	27.40 -1.29 0.00	24.02 -1.18 0.00	19.76 -1.02 0.00

MAPLE RIDGE_WT_2 323611	22.99 0.00 0.00	22.24 -0.02 0.00	19.28 -0.08 0.00	17.94 -0.15 0.00	17.91 -0.18 0.00	17.65 -0.21 0.00	19.39 -0.29 0.00	20.38 -0.35 0.00	22.79 -0.37 0.00	24.53 -0.40 0.00	25.15 -0.44 0.00	25.48 -0.55 0.00	27.82 -0.60 0.00	29.74 -0.67 0.00	32.05 -0.69 0.00	32.58 -0.66 0.00	33.81 -0.66 0.00	35.09 -0.57 0.00	35.39 -0.69 0.00	30.90 -0.89 0.00	27.79 -1.07 0.00	27.40 -1.29 0.00	24.02 -1.18 0.00	19.76 -1.02 0.00
MARBLE_RIVER_WT_PWR 323696	23.01 0.02 0.00	22.26 0.00 0.00	19.30 -0.06 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.79 -0.07 0.00	19.69 0.00 0.00	20.88 0.15 0.00	23.26 0.09 0.00	25.00 0.08 0.00	25.69 0.10 0.00	26.08 0.05 0.00	28.37 -0.06 0.00	30.41 0.00 0.00	32.77 0.03 0.00	32.61 -0.63 0.00	33.74 -0.73 0.00	34.67 -1.00 0.00	35.50 -0.58 0.00	31.53 -0.26 0.00	28.22 -0.64 0.00	27.77 -0.92 0.00	24.15 -1.06 0.00	19.76 -1.02 0.00
MARSHVLE_115KV_TB1 80742	26.20 1.59 -1.63	23.82 1.56 0.00	23.88 1.32 -3.21	23.93 1.21 -4.63	23.96 1.21 -4.66	25.01 1.27 -5.87	28.13 1.50 -6.95	27.85 1.51 -5.61	28.53 1.74 -3.63	27.34 1.89 -0.52	30.09 1.82 -2.68	31.27 1.77 -3.48	30.26 1.99 0.15	32.42 2.19 0.18	34.85 2.49 0.38	35.64 2.66 0.27	50.08 2.72 -12.89	56.99 3.00 -18.33	49.90 3.28 -10.54	45.25 2.99 -10.47	39.59 2.77 -7.96	31.50 2.81 0.00	28.35 2.22 -0.93	27.40 1.68 -4.93
MARSH_HILL_WT_PWR 323713	23.48 0.30 -0.19	22.82 0.56 0.00	19.93 0.19 -0.38	18.79 0.14 -0.55	18.79 0.14 -0.56	18.78 0.22 -0.70	20.66 0.14 -0.83	21.30 -0.10 -0.67	23.46 -0.14 -0.43	24.79 -0.20 -0.06	25.63 -0.28 -0.32	26.19 -0.26 -0.43	28.45 0.03 0.00	30.50 0.09 0.00	32.87 0.13 0.00	33.41 0.17 0.00	35.78 -0.34 -1.66	37.87 -0.11 -2.31	37.09 0.22 -0.79	32.98 0.44 -0.75	30.24 0.81 -0.57	29.69 1.00 0.00	25.67 0.35 -0.11	21.83 0.46 -0.59
MCINTYRE_115KV_TB2 80467	22.48 -0.51 0.00	21.75 -0.51 0.00	18.89 -0.46 0.00	17.64 -0.45 0.00	17.67 -0.42 0.00	17.40 -0.46 0.00	19.27 -0.41 0.00	20.50 -0.23 0.00	22.72 -0.44 0.00	24.51 -0.42 0.00	25.05 -0.54 0.00	25.53 -0.49 0.00	27.91 -0.51 0.00	29.95 -0.46 0.00	32.25 -0.49 0.00	32.48 -0.76 0.00	33.88 -0.59 0.00	34.88 -0.78 0.00	35.54 -0.54 0.00	31.40 -0.38 0.00	28.40 -0.46 0.00	28.00 -0.69 0.00	24.52 -0.68 0.00	20.16 -0.62 0.00
MECO____69_KV_BK1 80468	26.62 2.09 -1.54	24.31 2.05 0.00	24.10 1.70 -3.04	24.05 1.57 -4.39	24.08 1.57 -4.42	25.07 1.64 -5.57	28.22 1.95 -6.59	28.08 2.03 -5.31	28.92 2.32 -3.44	28.46 3.04 -0.49	30.66 2.53 -2.54	32.35 3.04 -3.28	31.58 3.33 0.16	33.87 3.65 0.19	35.66 3.34 0.42	36.61 3.66 0.30	50.22 3.69 -12.06	56.98 4.10 -17.22	51.66 4.33 -11.25	46.89 3.91 -11.20	40.98 3.61 -8.51	32.25 3.56 0.00	28.86 2.77 -0.88	27.64 2.18 -4.68
MENANDS__115KV_TB5 355628	25.15 0.85 -1.31	23.06 0.80 0.00	22.63 0.70 -2.58	22.45 0.63 -3.72	22.47 0.63 -3.75	23.23 0.64 -4.73	25.97 0.69 -5.59	25.95 0.70 -4.51	26.94 0.86 -2.92	26.37 1.02 -0.42	28.82 1.07 -2.16	29.87 1.12 -2.72	29.40 1.22 0.24	31.40 1.28 0.28	33.47 1.34 0.61	34.27 1.46 0.44	45.52 1.48 -9.57	51.16 1.57 -13.93	46.31 1.55 -8.68	42.10 1.33 -8.98	36.90 1.21 -6.83	29.92 1.23 0.00	27.06 1.11 -0.75	25.54 0.79 -3.97
MG INDUSTRY__DRP 24185	25.19 0.92 -1.28	23.15 0.89 0.00	22.62 0.75 -2.51	22.42 0.71 -3.63	22.43 0.69 -3.65	23.16 0.70 -4.60	25.90 0.77 -5.45	25.89 0.77 -4.40	26.91 0.90 -2.85	26.41 1.07 -0.41	28.79 1.10 -2.10	29.87 1.12 -2.73	29.50 1.22 0.14	31.55 1.31 0.17	33.71 1.34 0.37	34.45 1.46 0.26	45.83 1.45 -9.91	51.40 1.57 -14.17	44.47 1.59 -6.81	40.13 1.43 -6.92	35.41 1.30 -5.26	30.01 1.32 0.00	27.09 1.16 -0.73	25.50 0.85 -3.87
MID__OSWEGATCHIE_HYD 23849	22.19 -0.83 -0.03	21.44 -0.82 0.00	18.67 -0.74 -0.05	17.48 -0.69 -0.08	17.50 -0.67 -0.08	17.28 -0.68 -0.10	19.16 -0.65 -0.12	20.20 -0.62 -0.10	22.44 -0.79 -0.06	24.07 -0.87 -0.01	24.71 -0.92 -0.05	25.12 -0.96 -0.06	27.43 -0.99 0.00	29.38 -1.03 0.00	31.79 -0.95 0.00	32.08 -1.16 0.00	33.74 -0.97 -0.24	34.92 -1.07 -0.33	35.25 -0.83 0.00	31.09 -0.70 0.00	28.22 -0.63 0.00	27.83 -0.86 0.00	24.34 -0.88 -0.02	20.09 -0.77 -0.08
MID__RAQUETTE_HYD 23851	21.89 -1.10 0.00	21.15 -1.11 0.00	18.39 -0.97 0.00	17.19 -0.90 0.00	17.20 -0.89 0.00	16.93 -0.93 0.00	18.74 -0.94 0.00	19.94 -0.79 0.00	22.14 -1.02 0.00	23.86 -1.07 0.00	24.44 -1.15 0.00	24.88 -1.15 0.00	27.14 -1.28 0.00	29.13 -1.28 0.00	31.40 -1.34 0.00	31.62 -1.63 0.00	32.95 -1.52 0.00	33.92 -1.75 0.00	34.53 -1.55 0.00	30.48 -1.30 0.00	27.53 -1.33 0.00	27.14 -1.55 0.00	23.74 -1.46 0.00	19.51 -1.27 0.00
MILLIKEN__1 23584	23.66 0.48 -0.19	22.80 0.53 0.00	20.13 0.41 -0.37	19.01 0.38 -0.54	19.01 0.38 -0.54	18.94 0.39 -0.68	21.01 0.51 -0.81	21.73 0.35 -0.65	24.05 0.46 -0.42	25.46 0.47 -0.06	26.33 0.43 -0.31	26.93 0.49 -0.41	29.08 0.65 0.00	31.11 0.70 0.00	33.49 0.75 0.00	34.05 0.80 0.00	36.87 0.79 -1.61	38.88 0.96 -2.25	37.96 1.08 -0.80	33.50 0.95 -0.76	30.44 1.01 -0.58	29.69 1.00 0.00	26.04 0.73 -0.11	22.04 0.69 -0.57
MILLIKEN__2 23585	23.66 0.48 -0.19	22.80 0.53 0.00	20.13 0.41 -0.37	19.01 0.38 -0.54	19.01 0.38 -0.54	18.94 0.39 -0.68	21.01 0.51 -0.81	21.73 0.35 -0.65	24.05 0.46 -0.42	25.46 0.47 -0.06	26.33 0.43 -0.31	26.93 0.49 -0.41	29.08 0.65 0.00	31.11 0.70 0.00	33.49 0.75 0.00	34.05 0.80 0.00	36.87 0.79 -1.61	38.88 0.96 -2.25	37.96 1.08 -0.80	33.50 0.95 -0.76	30.44 1.01 -0.58	29.69 1.00 0.00	26.04 0.73 -0.11	22.04 0.69 -0.57
MILLIKEN__DIESEL 23629	23.66 0.48 -0.19	22.80 0.53 0.00	20.13 0.41 -0.37	19.01 0.38 -0.54	19.01 0.38 -0.54	18.94 0.39 -0.68	21.01 0.51 -0.81	21.73 0.35 -0.65	24.05 0.46 -0.42	25.46 0.47 -0.06	26.33 0.43 -0.31	26.93 0.49 -0.41	29.08 0.65 0.00	31.11 0.70 0.00	33.49 0.75 0.00	34.05 0.80 0.00	36.87 0.79 -1.61	38.88 0.96 -2.25	37.96 1.08 -0.80	33.50 0.95 -0.76	30.44 1.01 -0.58	29.69 1.00 0.00	26.04 0.73 -0.11	22.04 0.69 -0.57
MILLSEAT__LFGE 323607	23.13 0.00 -0.14	22.31 0.04 0.00	19.57 -0.06 -0.27	18.39 -0.09 -0.39	18.39 -0.09 -0.40	18.38 0.02 -0.50	20.04 -0.24 -0.59	20.67 -0.54 -0.48	22.73 -0.74 -0.31	24.13 -0.85 -0.04	24.95 -0.87 -0.23	25.52 -0.81 -0.30	27.60 -0.83 0.00	29.50 -0.91 0.00	31.83 -0.92 0.00	32.38 -0.86 0.00	34.27 -1.38 -1.18	36.17 -1.14 -1.65	35.32 -1.30 -0.54	31.56 -0.73 -0.50	28.98 -0.26 -0.38	28.83 0.14 0.00	25.18 -0.10 -0.08	21.49 0.29 -0.42
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.37 1.38 -1.01	23.62 1.36 0.00	22.48 1.14 -1.98	22.02 1.07 -2.86	22.03 1.07 -2.88	22.53 1.04 -3.63	25.12 1.14 -4.30	25.50 1.31 -3.47	26.98 1.58 -2.24	27.15 1.89 -0.32	29.23 1.97 -1.67	30.71 1.98 -2.71	30.92 2.19 -0.31	32.92 2.28 -0.23	35.64 2.39 -0.51	36.13 2.53 -0.36	47.10 2.72 -9.91	51.72 2.75 -13.30	43.31 2.71 -4.53	37.76 2.26 -3.72	33.59 1.90 -2.83	30.76 2.07 0.00	27.69 1.92 -0.57	25.16 1.33 -3.05

MILLWOOD_13_KV_LOAD 356217	25.42 1.43 -1.01	23.66 1.40 0.00	22.52 1.18 -1.98	22.07 1.12 -2.86	22.05 1.09 -2.88	22.55 1.05 -3.63	25.18 1.20 -4.30	25.54 1.35 -3.47	27.05 1.64 -2.24	27.25 1.99 -0.32	29.30 2.05 -1.67	30.81 2.08 -2.71	31.09 2.36 -0.31	33.11 2.46 -0.23	35.83 2.59 -0.51	36.33 2.73 -0.36	47.27 2.90 -9.91	51.93 2.96 -13.30	43.53 2.92 -4.53	37.95 2.45 -3.72	33.70 2.02 -2.83	30.84 2.15 0.00	27.77 1.99 -0.57	25.20 1.37 -3.05
MODEL_CITY_ENERGY 24167	22.49 -0.64 -0.15	21.68 -0.58 0.00	19.04 -0.60 -0.29	17.91 -0.60 -0.41	17.91 -0.60 -0.42	17.91 -0.48 -0.53	19.50 -0.81 -0.62	20.05 -1.18 -0.50	22.01 -1.48 -0.32	23.33 -1.65 -0.05	24.09 -1.74 -0.24	24.65 -1.69 -0.32	26.58 -1.85 0.00	28.43 -1.98 0.00	30.68 -2.06 0.00	31.22 -2.03 0.00	33.06 -2.65 -1.24	34.86 -2.53 -1.73	33.94 -2.71 -0.57	30.35 -1.97 -0.53	27.99 -1.27 -0.41	27.92 -0.77 0.00	24.43 -0.86 -0.08	20.91 -0.31 -0.44
MODERN_LFGE_ 323580	22.49 -0.64 -0.15	21.68 -0.58 0.00	19.04 -0.60 -0.29	17.91 -0.60 -0.41	17.91 -0.60 -0.42	17.91 -0.48 -0.53	19.50 -0.81 -0.62	20.05 -1.18 -0.50	22.01 -1.48 -0.32	23.33 -1.65 -0.05	24.09 -1.74 -0.24	24.65 -1.69 -0.32	26.58 -1.85 0.00	28.43 -1.98 0.00	30.68 -2.06 0.00	31.22 -2.03 0.00	33.06 -2.65 -1.24	34.86 -2.53 -1.73	33.94 -2.71 -0.57	30.35 -1.97 -0.53	27.99 -1.27 -0.41	27.92 -0.77 0.00	24.43 -0.86 -0.08	20.91 -0.31 -0.44
MOHAWK_PAPER___DRP 24187	25.29 0.99 -1.31	23.20 0.93 0.00	22.74 0.79 -2.59	22.56 0.74 -3.73	22.59 0.74 -3.76	23.35 0.75 -4.74	26.10 0.81 -5.61	26.08 0.83 -4.52	27.09 1.00 -2.93	26.55 1.20 -0.42	28.98 1.23 -2.16	30.03 1.28 -2.73	29.60 1.42 0.24	31.62 1.49 0.28	33.67 1.54 0.62	34.47 1.66 0.44	45.78 1.72 -9.59	51.44 1.82 -13.96	46.79 1.80 -8.91	42.58 1.59 -9.20	37.30 1.44 -7.00	30.15 1.46 0.00	27.24 1.29 -0.75	25.67 0.91 -3.98
MOHICAN__35_KV_115KV_LD 80490	26.23 1.89 -1.35	24.04 1.78 0.00	23.51 1.49 -2.66	23.30 1.37 -3.84	23.31 1.36 -3.87	24.15 1.41 -4.87	27.05 1.59 -5.77	27.06 1.68 -4.65	28.15 1.97 -3.01	27.63 2.27 -0.43	30.09 2.28 -2.22	31.20 2.37 -2.81	30.73 2.56 0.25	32.77 2.65 0.29	34.91 2.78 0.62	35.73 2.93 0.44	47.33 2.96 -9.90	53.20 3.14 -14.40	51.17 3.32 -11.77	46.73 3.02 -11.93	40.90 2.97 -9.07	31.64 2.96 0.00	28.39 2.42 -0.77	26.68 1.81 -4.09
MONGAUP___HYD 23641	25.08 1.19 -0.90	23.42 1.16 0.00	22.08 0.95 -1.77	21.55 0.90 -2.56	21.57 0.90 -2.57	21.97 0.86 -3.25	24.47 0.94 -3.84	24.82 1.00 -3.10	26.33 1.16 -2.01	26.61 1.40 -0.29	28.46 1.38 -1.49	29.34 1.46 -1.86	30.17 1.65 -0.10	32.36 1.76 -0.19	34.58 1.44 -0.40	35.16 1.63 -0.29	45.02 1.83 -8.72	49.32 1.89 -11.76	41.94 1.87 -3.99	36.76 1.65 -3.32	33.14 1.76 -2.53	30.47 1.78 0.00	27.33 1.61 -0.51	24.61 1.10 -2.73
MONTAUK___DIESEL 23721	35.06 3.82 -8.25	30.45 3.78 -4.40	27.86 3.17 -5.33	23.93 2.93 -2.91	25.17 2.93 -4.15	28.97 2.89 -8.21	29.97 3.21 -7.07	34.60 3.54 -10.33	35.00 4.22 -7.62	36.49 4.84 -6.72	40.90 4.86 -10.45	40.58 5.05 -9.51	49.95 5.60 -15.93	50.33 5.93 -13.99	127.27 6.19 -88.34	133.79 6.38 -94.16	136.56 6.65 -95.44	184.11 6.95 -141.49	177.50 6.96 -134.46	180.88 6.07 -143.02	174.37 5.31 -140.20	63.95 5.45 -29.81	42.16 4.86 -12.09	41.83 3.76 -17.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.43 0.28 -0.17	22.86 0.60 0.00	19.78 0.10 -0.33	18.56 0.00 -0.47	18.42 -0.14 -0.48	18.48 0.02 -0.60	20.12 -0.28 -0.71	20.56 -0.75 -0.57	22.93 -0.60 -0.37	24.28 -0.70 -0.05	25.15 -0.72 -0.27	25.53 -0.86 -0.36	27.83 -0.60 0.00	29.89 -0.52 0.00	32.19 -0.56 0.00	32.78 -0.47 0.00	34.51 -1.38 -1.42	36.61 -1.03 -1.98	36.02 -0.72 -0.66	32.35 -0.06 -0.62	29.77 0.43 -0.47	29.44 0.75 0.00	25.32 0.03 -0.10	21.55 0.27 -0.50
MORTIMER_115KV_TB3 55949	23.25 0.14 -0.12	22.31 0.04 0.00	19.68 0.10 -0.23	18.48 0.05 -0.34	18.48 0.05 -0.34	18.40 0.11 -0.43	20.19 0.00 -0.51	20.79 -0.35 -0.41	23.15 -0.28 -0.26	24.59 -0.37 -0.04	25.48 -0.31 -0.20	26.00 -0.29 -0.26	28.02 -0.40 0.00	29.98 -0.43 0.00	32.35 -0.39 0.00	32.92 -0.33 0.00	35.03 -0.45 -1.01	36.79 -0.29 -1.41	35.90 -0.61 -0.44	31.88 -0.32 -0.41	29.12 -0.06 -0.32	28.86 0.17 0.00	25.42 0.15 -0.07	21.53 0.39 -0.36
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.59 1.59 -1.01	23.80 1.54 0.00	22.63 1.28 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.74 1.51 -3.49	27.30 1.88 -2.26	27.52 2.27 -0.32	29.60 2.33 -1.68	31.05 2.34 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.47 2.86 -0.36	47.56 3.10 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.07 2.38 0.00	28.05 2.27 -0.58	25.41 1.56 -3.07
MUNSVILLE_WIND_PWR 323609	24.83 1.56 -0.28	23.89 1.62 0.00	21.22 1.32 -0.55	20.06 1.18 -0.79	20.08 1.19 -0.80	20.12 1.25 -1.01	22.43 1.55 -1.19	23.16 1.47 -0.96	25.38 1.60 -0.62	26.81 1.80 -0.09	27.61 1.56 -0.46	28.27 1.64 -0.61	30.61 2.19 0.00	32.75 2.34 0.00	35.39 2.65 0.00	35.91 2.66 0.00	39.50 2.65 -2.38	41.94 2.96 -3.31	41.09 3.46 -1.55	36.28 3.02 -1.47	32.92 2.94 -1.12	31.36 2.67 0.00	27.35 1.99 -0.16	23.27 1.64 -0.85
N SALMON___HYD 24042	22.83 -0.16 0.00	22.08 -0.18 0.00	19.12 -0.23 0.00	17.89 -0.20 0.00	17.92 -0.16 0.00	17.65 -0.21 0.00	19.53 -0.16 0.00	20.75 0.02 0.00	23.12 -0.05 0.00	24.88 -0.05 0.00	25.54 -0.05 0.00	25.97 -0.05 0.00	28.25 -0.17 0.00	30.32 -0.09 0.00	32.64 -0.10 0.00	32.58 -0.66 0.00	33.78 -0.69 0.00	34.77 -0.89 0.00	35.54 -0.54 0.00	31.50 -0.29 0.00	28.22 -0.64 0.00	27.77 -0.92 0.00	24.17 -1.03 0.00	19.80 -0.98 0.00
N.AKRON__115KV_KNAPP 355671	23.13 0.00 -0.14	22.37 0.11 0.00	19.57 -0.06 -0.27	18.40 -0.09 -0.40	18.38 -0.11 -0.40	18.38 0.02 -0.50	20.05 -0.24 -0.60	20.42 -0.79 -0.48	22.73 -0.74 -0.31	24.13 -0.85 -0.04	24.95 -0.87 -0.23	25.52 -0.81 -0.30	27.60 -0.82 0.00	29.53 -0.88 0.00	31.76 -0.98 0.00	32.35 -0.90 0.00	34.21 -1.45 -1.19	36.11 -1.21 -1.66	35.29 -1.33 -0.54	31.53 -0.76 -0.51	28.98 -0.26 -0.39	28.80 0.11 0.00	25.18 -0.10 -0.08	21.49 0.29 -0.42
N.BELMOR_69_KV_BK1 55787	33.33 2.09 -8.25	28.69 2.03 -4.40	26.37 1.68 -5.33	22.57 1.57 -2.91	23.82 1.57 -4.15	27.61 1.54 -8.21	28.49 1.73 -7.07	31.04 1.91 -8.41	33.05 2.27 -7.62	34.29 2.64 -6.72	33.29 2.66 -5.04	35.07 2.71 -6.34	35.39 2.98 -3.98	36.04 3.13 -2.49	37.41 3.27 -1.40	43.61 3.42 -6.93	49.14 3.65 -11.01	52.90 3.74 -13.49	44.84 3.75 -5.01	39.84 3.18 -4.88	35.65 2.77 -4.02	34.80 2.93 -3.19	34.50 2.75 -6.55	34.42 1.97 -11.66
N.E._GEN_SANDY PD 24062	25.29 1.13 -1.17	23.37 1.11 0.00	22.61 0.95 -2.31	22.29 0.87 -3.33	22.33 0.89 -3.36	22.97 0.88 -4.23	25.60 0.91 -5.01	25.68 0.91 -4.04	26.89 1.11 -2.62	26.60 1.30 -0.37	28.80 1.33 -1.88	28.60 1.35 -1.22	28.14 1.48 1.76	30.00 1.52 1.93	30.13 1.57 4.18	32.00 1.73 2.98	35.32 1.79 0.94	40.30 1.85 -2.78	38.50 1.84 -0.58	38.80 1.56 -5.46	34.39 1.39 -4.15	30.12 1.43 0.00	27.21 1.33 -0.67	25.33 1.00 -3.55

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.27 1.31 -0.97	23.55 1.29 0.00	22.34 1.08 -1.91	21.85 1.01 -2.75	21.87 1.01 -2.77	22.34 0.98 -3.49	24.90 1.08 -4.13	25.24 1.18 -3.33	26.76 1.44 -2.16	26.98 1.75 -0.31	28.98 1.79 -1.60	29.68 1.82 -1.83	30.49 1.99 -0.08	32.72 2.10 -0.21	35.40 2.19 -0.47	35.91 2.33 -0.33	46.45 2.52 -9.46	50.93 2.53 -12.73	42.89 2.49 -4.33	37.42 2.07 -3.57	33.33 1.76 -2.72	30.58 1.89 0.00	27.52 1.76 -0.55	24.92 1.21 -2.93
N.QUEENS_27_KV_LOAD 356247	25.70 1.70 -1.01	23.84 1.58 0.00	22.61 1.26 -2.00	22.09 1.12 -2.88	22.15 1.16 -2.90	22.54 1.02 -3.66	25.20 1.18 -4.33	25.70 1.47 -3.49	27.30 1.88 -2.26	27.54 2.29 -0.32	29.65 2.38 -1.68	31.13 2.42 -2.69	31.28 2.56 -0.30	33.29 2.65 -0.24	35.91 2.65 -0.51	36.40 2.79 -0.36	47.56 3.10 -9.99	52.07 3.00 -13.41	43.64 2.99 -4.57	38.01 2.48 -3.75	33.87 2.16 -2.85	31.13 2.44 0.00	28.13 2.34 -0.59	25.52 1.66 -3.07
N.TROY___115KV_TB1 355778	25.46 1.15 -1.32	23.35 1.09 0.00	22.89 0.93 -2.60	22.72 0.87 -3.76	22.74 0.87 -3.78	23.51 0.88 -4.77	26.27 0.94 -5.64	26.22 0.93 -4.55	27.25 1.14 -2.95	26.67 1.32 -0.42	29.09 1.33 -2.17	30.09 1.38 -2.69	29.61 1.51 0.32	31.63 1.58 0.36	33.60 1.64 0.78	34.45 1.76 0.56	45.49 1.79 -9.22	51.17 1.89 -13.62	48.18 1.91 -10.19	44.09 1.68 -10.62	38.49 1.56 -8.07	30.27 1.58 0.00	27.34 1.39 -0.76	25.83 1.04 -4.01
NARROWS_GT1_1 24228	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_2 24229	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_3 24230	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_4 24231	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_5 24232	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_6 24233	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_7 24234	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT1_8 24235	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_1 24236	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_2 24237	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_3 24238	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_4 24239	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09

NARROWS_GT2_5 24240	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_6 24241	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_7 24242	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NARROWS_GT2_8 24243	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.38 1.17 -1.22	23.46 1.20 0.00	22.65 0.89 -2.40	22.39 0.83 -3.47	22.43 0.85 -3.49	23.10 0.84 -4.40	25.86 0.96 -5.21	25.82 0.89 -4.20	26.95 1.07 -2.72	26.49 1.17 -0.39	28.85 1.25 -2.01	30.06 1.41 -2.63	30.00 1.68 0.10	32.11 1.82 0.12	34.44 1.96 0.27	35.19 2.13 0.19	46.35 2.17 -9.71	51.86 2.43 -13.77	44.73 2.13 -6.52	40.28 1.97 -6.52	35.66 1.85 -4.96	30.64 1.95 0.00	27.36 1.46 -0.70	25.51 1.04 -3.70
NCHELSEA_115KV_TR2 355582	25.50 1.49 -1.02	23.73 1.47 0.00	22.58 1.22 -2.00	22.14 1.16 -2.89	22.15 1.16 -2.91	22.64 1.11 -3.67	25.25 1.22 -4.34	25.52 1.29 -3.50	27.01 1.58 -2.27	27.12 1.87 -0.32	29.19 1.92 -1.69	30.41 2.00 -2.39	30.84 2.25 -0.17	32.96 2.37 -0.18	35.61 2.49 -0.38	36.18 2.66 -0.27	46.97 2.83 -9.67	51.65 2.89 -13.10	43.38 2.85 -4.45	37.99 2.42 -3.79	33.81 2.08 -2.88	30.81 2.12 0.00	27.75 1.97 -0.58	25.23 1.37 -3.08
NEG CAPITAL___MECHNVIL 23645	25.85 1.52 -1.34	23.71 1.45 0.00	23.22 1.22 -2.64	23.02 1.12 -3.81	23.05 1.12 -3.84	23.84 1.14 -4.84	26.69 1.28 -5.72	26.68 1.33 -4.62	27.71 1.55 -2.99	27.15 1.80 -0.43	29.61 1.82 -2.21	30.69 1.90 -2.76	30.22 2.07 0.27	32.31 2.22 0.32	34.35 2.29 0.68	35.22 2.46 0.49	46.60 2.48 -9.64	52.41 2.64 -14.10	50.11 2.74 -11.29	45.78 2.45 -11.55	39.92 2.28 -8.78	30.99 2.30 0.00	27.88 1.91 -0.77	26.30 1.45 -4.06
NEG CENTRAL_HIGH_ACRES 23767	22.85 -0.25 -0.11	21.95 -0.31 0.00	19.35 -0.23 -0.23	18.18 -0.24 -0.33	18.18 -0.24 -0.33	18.08 -0.20 -0.41	19.92 -0.26 -0.49	20.69 -0.44 -0.39	22.93 -0.49 -0.25	24.39 -0.57 -0.04	25.24 -0.54 -0.19	25.75 -0.52 -0.25	27.82 -0.60 0.00	29.80 -0.61 0.00	32.15 -0.59 0.00	32.65 -0.60 0.00	34.79 -0.66 -0.97	36.49 -0.53 -1.36	35.71 -0.79 -0.42	31.58 -0.60 -0.40	28.79 -0.38 -0.30	28.46 -0.23 0.00	25.04 -0.23 -0.07	21.17 0.04 -0.35
NEG CENTRAL___DRP 24199	23.30 0.18 -0.13	22.51 0.24 0.00	19.76 0.15 -0.25	18.59 0.14 -0.36	18.59 0.14 -0.36	18.49 0.18 -0.45	20.44 0.22 -0.53	21.18 0.02 -0.43	23.56 0.12 -0.28	25.09 0.12 -0.04	25.87 0.08 -0.21	26.48 0.18 -0.27	28.71 0.28 0.00	30.74 0.33 0.00	33.04 0.29 0.00	33.58 0.33 0.00	35.71 0.17 -1.07	37.47 0.32 -1.49	36.91 0.36 -0.47	32.61 0.38 -0.45	29.75 0.55 -0.34	29.29 0.60 0.00	25.63 0.35 -0.07	21.60 0.44 -0.38
NEG CENTRAL___INDECK 23768	23.91 0.76 -0.16	23.09 0.82 0.00	20.28 0.60 -0.32	19.10 0.54 -0.47	19.10 0.54 -0.47	19.03 0.57 -0.59	20.88 0.49 -0.70	21.48 0.19 -0.57	23.55 0.02 -0.37	24.93 -0.05 -0.05	25.71 -0.15 -0.27	26.30 -0.08 -0.36	28.45 0.03 0.00	30.41 0.00 0.00	32.74 0.00 0.00	33.61 0.37 0.00	36.01 0.14 -1.40	37.97 0.36 -1.95	37.12 0.40 -0.65	33.13 0.73 -0.62	30.45 1.12 -0.47	30.01 1.32 0.00	26.20 0.91 -0.09	22.27 1.00 -0.50
NEG CENTRAL___SENECA 23627	23.36 0.23 -0.14	22.57 0.31 0.00	19.80 0.17 -0.27	18.64 0.16 -0.39	18.64 0.16 -0.39	18.57 0.21 -0.50	20.51 0.24 -0.59	21.21 0.00 -0.47	23.59 0.12 -0.31	25.12 0.15 -0.04	25.89 0.08 -0.23	26.51 0.18 -0.30	28.76 0.34 0.00	30.81 0.40 0.00	33.10 0.36 0.00	33.61 0.37 0.00	35.78 0.14 -1.18	37.66 0.36 -1.64	36.97 0.36 -0.53	32.80 0.51 -0.50	29.93 0.69 -0.38	29.46 0.77 0.00	25.71 0.43 -0.08	21.72 0.52 -0.42
NEG CENTRAL___STATE_STREET 24147	23.53 0.41 -0.12	22.71 0.45 0.00	19.96 0.37 -0.24	18.80 0.36 -0.35	18.78 0.34 -0.35	18.66 0.36 -0.44	20.66 0.45 -0.52	21.46 0.31 -0.42	23.92 0.49 -0.27	25.34 0.37 -0.04	26.30 0.51 -0.20	26.71 0.42 -0.27	28.99 0.57 0.00	30.99 0.58 0.00	33.53 0.79 0.00	34.08 0.83 0.00	36.34 0.83 -1.04	38.05 0.93 -1.46	37.48 0.94 -0.46	32.99 0.76 -0.44	30.06 0.87 -0.34	29.55 0.86 0.00	25.90 0.63 -0.07	21.77 0.62 -0.37
NEG MILLWOOD___DRP 24198	25.56 1.54 -1.03	23.78 1.51 0.00	22.66 1.28 -2.03	22.25 1.23 -2.93	22.21 1.18 -2.95	22.72 1.14 -3.71	25.36 1.28 -4.39	25.66 1.39 -3.54	27.17 1.71 -2.30	27.33 2.07 -0.33	29.42 2.12 -1.71	30.75 2.21 -2.52	31.26 2.61 -0.22	33.35 2.74 -0.20	36.06 2.88 -0.44	36.62 3.06 -0.31	47.64 3.24 -9.93	52.42 3.35 -13.40	43.95 3.32 -4.55	38.37 2.77 -3.82	33.98 2.22 -2.90	31.01 2.32 0.00	27.86 2.07 -0.59	25.35 1.45 -3.12
NEG NORTH_FLCN_SEA 23793	23.24 0.25 0.00	22.48 0.22 0.00	19.47 0.12 0.00	18.22 0.13 0.00	18.25 0.16 0.00	17.95 0.09 0.00	19.86 0.18 0.00	21.14 0.41 0.00	23.51 0.35 0.00	25.25 0.32 0.00	25.95 0.36 0.00	26.34 0.31 0.00	28.65 0.23 0.00	30.71 0.30 0.00	33.13 0.39 0.00	32.72 -0.53 0.00	34.02 -0.45 0.00	34.60 -1.07 0.00	35.65 -0.43 0.00	31.85 0.06 0.00	28.51 -0.35 0.00	28.03 -0.66 0.00	24.35 -0.86 0.00	19.95 -0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	23.01 0.02 0.00	22.24 -0.02 0.00	19.28 -0.08 0.00	18.04 -0.05 0.00	18.07 -0.02 0.00	17.77 -0.09 0.00	19.67 -0.02 0.00	20.92 0.19 0.00	23.26 0.09 0.00	24.98 0.05 0.00	25.64 0.05 0.00	26.05 0.03 0.00	28.34 -0.09 0.00	30.38 -0.03 0.00	32.74 0.00 0.00	32.58 -0.66 0.00	33.92 -0.55 0.00	34.77 -0.89 0.00	35.54 -0.54 0.00	31.56 -0.22 0.00	28.25 -0.61 0.00	27.77 -0.92 0.00	24.14 -1.06 0.00	19.78 -1.00 0.00



NEG NORTH___ALICE_FALLS 23915	23.20 0.21 0.00	22.42 0.16 0.00	19.41 0.06 0.00	18.16 0.07 0.00	18.20 0.11 0.00	17.90 0.04 0.00	19.82 0.14 0.00	21.10 0.37 0.00	23.44 0.28 0.00	25.20 0.27 0.00	25.87 0.28 0.00	26.31 0.29 0.00	28.59 0.17 0.00	30.65 0.24 0.00	33.04 0.29 0.00	32.75 -0.50 0.00	34.06 -0.41 0.00	34.77 -0.89 0.00	35.72 -0.36 0.00	31.82 0.03 0.00	28.45 -0.40 0.00	27.97 -0.72 0.00	24.30 -0.91 0.00	19.89 -0.89 0.00
NEG NORTH___LWR_SARANAC 23913	23.20 0.21 0.00	22.42 0.16 0.00	19.41 0.06 0.00	18.16 0.07 0.00	18.20 0.11 0.00	17.90 0.04 0.00	19.82 0.14 0.00	21.10 0.37 0.00	23.44 0.28 0.00	25.20 0.27 0.00	25.87 0.28 0.00	26.31 0.29 0.00	28.59 0.17 0.00	30.65 0.24 0.00	33.04 0.29 0.00	32.75 -0.50 0.00	34.06 -0.41 0.00	34.77 -0.89 0.00	35.72 -0.36 0.00	31.82 0.03 0.00	28.45 -0.40 0.00	27.97 -0.72 0.00	24.30 -0.91 0.00	19.89 -0.89 0.00
NEG NORTH___PLATTSBURG 23628	23.20 0.21 0.00	22.42 0.16 0.00	19.41 0.06 0.00	18.16 0.07 0.00	18.20 0.11 0.00	17.90 0.04 0.00	19.83 0.14 0.00	21.04 0.31 0.00	23.44 0.28 0.00	25.20 0.27 0.00	25.87 0.28 0.00	26.31 0.29 0.00	28.59 0.17 0.00	30.65 0.24 0.00	33.04 0.29 0.00	32.75 -0.50 0.00	33.85 -0.62 0.00	34.77 -0.89 0.00	35.72 -0.36 0.00	31.82 0.03 0.00	28.45 -0.40 0.00	27.97 -0.72 0.00	24.30 -0.91 0.00	19.89 -0.89 0.00
NEG WEST_LEA_LOCKPORT 23791	22.72 -0.41 -0.14	21.99 -0.27 0.00	19.25 -0.39 -0.28	18.10 -0.40 -0.41	18.08 -0.42 -0.41	18.10 -0.29 -0.52	19.71 -0.59 -0.61	20.02 -1.20 -0.50	22.26 -1.23 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.94 -1.48 0.00	28.83 -1.58 0.00	31.04 -1.70 0.00	31.65 -1.60 0.00	33.42 -2.27 -1.23	35.31 -2.07 -1.71	34.40 -2.24 -0.56	30.75 -1.56 -0.53	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.71 -0.58 -0.08	21.13 -0.08 -0.44
NEG WEST___LANCASTR 23811	22.21 -0.94 -0.17	22.28 0.02 0.00	18.82 -0.87 -0.33	17.72 -0.85 -0.48	17.70 -0.87 -0.48	17.75 -0.71 -0.61	19.38 -1.02 -0.72	19.82 -1.49 -0.58	22.03 -1.51 -0.37	23.29 -1.70 -0.05	24.15 -1.71 -0.28	24.67 -1.72 -0.37	27.68 -0.74 0.00	29.71 -0.70 0.00	32.05 -0.69 0.00	32.65 -0.60 0.00	33.45 -2.45 -1.43	35.38 -2.28 -2.00	35.67 -1.08 -0.67	31.88 -0.54 -0.63	29.28 -0.06 -0.48	29.01 0.32 0.00	24.34 -0.96 -0.10	20.75 -0.54 -0.51
NEG_PENN_ALLEGHNY 23528	23.54 0.25 -0.30	22.64 0.38 0.00	20.14 0.19 -0.59	19.12 0.18 -0.85	19.12 0.18 -0.86	19.16 0.22 -1.08	21.20 0.24 -1.28	21.91 0.15 -1.03	24.02 0.18 -0.67	25.22 0.20 -0.10	26.29 0.20 -0.49	26.88 0.21 -0.65	28.82 0.40 0.00	30.87 0.46 0.00	33.26 0.52 0.00	33.85 0.60 0.00	37.40 0.38 -2.55	39.68 0.46 -3.56	37.97 0.58 -1.31	33.61 0.57 -1.25	30.50 0.69 -0.95	29.43 0.74 0.00	25.83 0.45 -0.17	22.12 0.44 -0.91
NEG___GEN_MONROE 24207	23.34 0.23 -0.12	22.48 0.22 0.00	19.78 0.19 -0.24	18.57 0.14 -0.34	18.56 0.13 -0.34	18.49 0.20 -0.43	20.28 0.08 -0.51	20.79 -0.35 -0.41	23.15 -0.28 -0.27	24.64 -0.32 -0.04	25.45 -0.33 -0.20	26.05 -0.23 -0.26	28.08 -0.34 0.00	30.05 -0.36 0.00	32.25 -0.49 0.00	32.82 -0.43 0.00	34.83 -0.65 -1.02	36.62 -0.46 -1.42	35.87 -0.65 -0.44	31.82 -0.38 -0.42	29.12 -0.06 -0.32	28.89 0.20 0.00	25.40 0.13 -0.07	21.58 0.44 -0.36
NEPA___ENERGY 23901	22.97 -0.18 -0.17	22.44 0.18 0.00	19.46 -0.23 -0.33	18.30 -0.27 -0.48	18.26 -0.31 -0.48	18.31 -0.16 -0.61	20.00 -0.41 -0.72	20.44 -0.87 -0.58	22.73 -0.81 -0.38	24.04 -0.95 -0.05	24.92 -0.95 -0.28	25.40 -0.99 -0.37	27.74 -0.68 0.00	29.77 -0.64 0.00	32.15 -0.59 0.00	32.75 -0.50 0.00	34.46 -1.45 -1.44	36.46 -1.21 -2.01	35.78 -0.97 -0.67	32.01 -0.41 -0.64	29.43 0.09 -0.48	29.12 0.43 0.00	25.12 -0.18 -0.10	21.42 0.12 -0.51
NEVERSINK___HYD 23608	24.94 1.08 -0.87	23.35 1.09 0.00	21.95 0.87 -1.72	21.41 0.83 -2.49	21.42 0.83 -2.50	21.80 0.79 -3.15	24.31 0.89 -3.73	24.65 0.91 -3.01	26.52 1.37 -1.99	26.86 1.64 -0.28	28.73 1.66 -1.48	29.76 1.74 -1.99	30.53 2.02 -0.09	32.68 2.16 -0.11	35.38 2.39 -0.25	35.95 2.53 -0.17	45.51 2.79 -8.25	48.99 2.28 -11.04	42.25 2.27 -3.89	37.14 1.94 -3.42	33.13 1.67 -2.60	30.35 1.66 0.00	27.27 1.56 -0.50	24.47 1.04 -2.65
NEWKRMKL_115KV_TB1 55635	25.01 0.71 -1.31	22.95 0.69 0.00	22.52 0.58 -2.58	22.34 0.52 -3.73	22.36 0.52 -3.75	23.13 0.54 -4.73	25.87 0.59 -5.60	25.84 0.60 -4.51	26.83 0.74 -2.92	26.27 0.92 -0.42	28.72 0.97 -2.16	29.78 1.01 -2.74	29.31 1.11 0.22	31.34 1.19 0.26	33.40 1.21 0.56	34.18 1.33 0.40	45.53 1.34 -9.72	51.18 1.43 -14.09	45.99 1.37 -8.54	41.77 1.21 -8.78	36.63 1.10 -6.68	29.81 1.12 0.00	26.93 0.98 -0.75	25.44 0.69 -3.97
NEWTON___FALLS_HYD 23847	22.19 -0.83 -0.03	21.44 -0.82 0.00	18.67 -0.74 -0.05	17.48 -0.69 -0.08	17.50 -0.67 -0.08	17.28 -0.68 -0.10	19.16 -0.65 -0.12	20.20 -0.62 -0.10	22.44 -0.79 -0.06	24.07 -0.87 -0.01	24.71 -0.92 -0.05	25.12 -0.96 -0.06	27.43 -0.99 0.00	29.38 -1.03 0.00	31.79 -0.95 0.00	32.08 -1.16 0.00	33.74 -0.97 -0.24	34.92 -1.07 -0.33	35.25 -0.83 0.00	31.09 -0.70 0.00	28.22 -0.63 0.00	27.83 -0.86 0.00	24.34 -0.88 -0.02	20.09 -0.77 -0.08
NGRID_A1_DSASP 323792	22.45 -0.69 -0.15	21.59 -0.67 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.93 -0.58 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.89 -1.35 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.86 -1.97 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.29 -2.46 0.00	30.82 -2.43 0.00	32.75 -2.96 -1.25	34.48 -2.92 -1.74	33.43 -3.18 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
NGRID_A2_DSASP 323793	22.45 -0.69 -0.15	21.59 -0.67 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.93 -0.58 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.89 -1.35 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.86 -1.97 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.29 -2.46 0.00	30.82 -2.43 0.00	32.75 -2.96 -1.25	34.48 -2.92 -1.74	33.43 -3.18 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
NGRID_A4_DSASP 323807	22.45 -0.69 -0.15	21.46 -0.80 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.89 -0.61 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.64 -1.60 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.88 -1.94 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.25 -2.49 0.00	30.82 -2.43 0.00	32.72 -3.00 -1.25	34.48 -2.92 -1.74	33.43 -3.17 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
NIAGARA_115E_LBMP 323715	22.35 -0.78 -0.15	21.53 -0.73 0.00	18.93 -0.72 -0.29	17.80 -0.71 -0.42	17.82 -0.69 -0.42	17.82 -0.57 -0.53	19.39 -0.92 -0.63	19.93 -1.31 -0.51	21.87 -1.62 -0.33	23.16 -1.82 -0.05	23.94 -1.89 -0.24	24.47 -1.87 -0.32	26.38 -2.05 0.00	28.19 -2.22 0.00	30.42 -2.32 0.00	30.99 -2.26 0.00	32.79 -2.93 -1.25	34.59 -2.82 -1.74	33.66 -2.99 -0.57	30.13 -2.19 -0.54	27.80 -1.47 -0.41	27.71 -0.98 0.00	24.28 -1.01 -0.08	20.79 -0.44 -0.45

NIAGARA_115W_LBMP 323714	22.40 -0.74 -0.15	21.55 -0.71 0.00	18.98 -0.66 -0.29	17.87 -0.63 -0.42	17.89 -0.62 -0.42	17.87 -0.52 -0.53	19.39 -0.92 -0.62	19.85 -1.39 -0.50	21.75 -1.74 -0.33	23.03 -1.94 -0.05	23.81 -2.02 -0.24	24.34 -2.00 -0.32	26.18 -2.25 0.00	27.98 -2.43 0.00	30.19 -2.55 0.00	30.72 -2.53 0.00	32.68 -3.03 -1.25	34.37 -3.03 -1.74	33.36 -3.25 -0.53	29.87 -2.45 -0.54	27.56 -1.70 -0.41	27.51 -1.18 0.00	24.15 -1.13 -0.08	20.70 -0.52 -0.44
NIAGARA_230_LBMP 323716	22.56 -0.57 -0.14	21.73 -0.53 0.00	19.12 -0.52 -0.28	17.97 -0.53 -0.41	17.97 -0.53 -0.41	17.97 -0.41 -0.52	19.57 -0.73 -0.62	20.11 -1.12 -0.50	22.07 -1.41 -0.32	23.38 -1.60 -0.05	24.16 -1.66 -0.24	24.70 -1.64 -0.32	26.60 -1.82 0.00	28.43 -1.98 0.00	30.68 -2.06 0.00	31.22 -2.03 0.00	33.15 -2.55 -1.23	34.95 -2.43 -1.71	33.92 -2.71 -0.55	30.34 -1.97 -0.53	27.99 -1.27 -0.40	27.92 -0.77 0.00	24.48 -0.81 -0.08	20.97 -0.25 -0.44
NIAGARA__115KV_198_GIBSON 55903	22.40 -0.74 -0.15	21.42 -0.85 0.00	18.98 -0.66 -0.29	17.87 -0.63 -0.42	17.87 -0.63 -0.42	17.87 -0.52 -0.53	19.39 -0.93 -0.62	19.60 -1.64 -0.50	21.75 -1.74 -0.33	23.03 -1.94 -0.05	23.81 -2.02 -0.24	24.34 -2.00 -0.32	26.18 -2.25 0.00	27.98 -2.43 0.00	30.16 -2.59 0.00	30.75 -2.49 0.00	32.61 -3.10 -1.25	34.37 -3.03 -1.74	33.36 -3.25 -0.53	29.87 -2.45 -0.54	27.56 -1.70 -0.41	27.48 -1.20 0.00	24.15 -1.13 -0.08	20.70 -0.52 -0.44
NIAGARA____ 23760	22.56 -0.57 -0.15	21.73 -0.53 0.00	19.12 -0.52 -0.29	17.98 -0.53 -0.42	17.98 -0.53 -0.42	17.98 -0.41 -0.53	19.58 -0.73 -0.63	20.11 -1.12 -0.50	22.07 -1.41 -0.32	23.38 -1.60 -0.05	24.17 -1.66 -0.24	24.70 -1.64 -0.32	26.60 -1.82 0.00	28.43 -1.98 0.00	30.68 -2.06 0.00	31.22 -2.03 0.00	33.16 -2.55 -1.24	34.97 -2.43 -1.73	33.92 -2.71 -0.55	30.35 -1.97 -0.53	27.99 -1.27 -0.41	27.92 -0.77 0.00	24.48 -0.81 -0.08	20.98 -0.25 -0.44
NINE_MILE_1 23575	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.12	17.84 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.40 -0.54 -0.21	22.70 -0.60 -0.13	24.20 -0.75 -0.02	24.92 -0.77 -0.10	25.40 -0.76 -0.13	27.57 -0.85 0.00	29.53 -0.88 0.00	31.79 -0.95 0.00	32.28 -0.97 0.00	33.95 -1.03 -0.51	35.34 -1.04 -0.71	35.00 -1.08 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.94 -0.75 0.00	24.58 -0.66 -0.03	20.57 -0.40 -0.18
NINE_MILE_2 23744	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.12	17.84 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.40 -0.54 -0.21	22.69 -0.60 -0.13	24.20 -0.75 -0.02	24.92 -0.77 -0.10	25.40 -0.76 -0.13	27.57 -0.85 0.00	29.53 -0.88 0.00	31.79 -0.95 0.00	32.28 -0.97 0.00	33.95 -1.03 -0.51	35.34 -1.04 -0.71	35.00 -1.08 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.94 -0.75 0.00	24.58 -0.66 -0.03	20.57 -0.40 -0.18
NM_CAPITAL____DRP 24208	25.08 0.78 -1.31	23.02 0.76 0.00	22.57 0.64 -2.57	22.38 0.58 -3.71	22.40 0.58 -3.74	23.16 0.59 -4.71	25.89 0.63 -5.58	25.87 0.64 -4.50	26.86 0.79 -2.91	26.32 0.97 -0.42	28.76 1.02 -2.15	29.78 1.04 -2.72	29.35 1.17 0.24	31.35 1.22 0.28	33.38 1.24 0.61	34.18 1.36 0.43	45.39 1.38 -9.55	51.02 1.46 -13.89	45.90 1.44 -8.38	41.72 1.24 -8.69	36.59 1.13 -6.61	29.84 1.15 0.00	26.98 1.03 -0.75	25.47 0.73 -3.96
NM_CENTRAL____DRP 24181	22.98 -0.09 -0.09	22.20 -0.07 0.00	19.47 -0.06 -0.17	18.28 -0.05 -0.25	18.28 -0.05 -0.25	18.14 -0.04 -0.31	20.04 -0.02 -0.37	20.88 -0.15 -0.30	23.29 -0.07 -0.19	24.83 -0.12 -0.03	25.60 -0.13 -0.14	26.13 -0.08 -0.19	28.34 -0.09 0.00	30.29 -0.12 0.00	32.61 -0.13 0.00	33.11 -0.13 0.00	35.04 -0.17 -0.74	36.55 -0.14 -1.03	35.86 -0.22 0.00	31.59 -0.19 0.00	28.80 -0.06 0.00	28.66 -0.03 0.00	25.23 -0.03 -0.05	21.15 0.10 -0.26
NM_FRONTIER____DRP 24179	22.40 -0.74 -0.15	21.42 -0.85 0.00	18.98 -0.66 -0.29	17.87 -0.63 -0.42	17.87 -0.63 -0.42	17.87 -0.52 -0.53	19.39 -0.93 -0.62	19.60 -1.64 -0.50	21.75 -1.74 -0.33	23.03 -1.94 -0.05	23.81 -2.02 -0.24	24.34 -2.00 -0.32	26.18 -2.25 0.00	27.98 -2.43 0.00	30.16 -2.59 0.00	30.75 -2.49 0.00	32.61 -3.10 -1.25	34.37 -3.03 -1.74	33.36 -3.25 -0.53	29.87 -2.45 -0.54	27.56 -1.70 -0.41	27.48 -1.20 0.00	24.15 -1.13 -0.08	20.70 -0.52 -0.44
NM_ST_REGIS____HYD 24053	22.12 -0.87 0.00	21.37 -0.89 0.00	18.56 -0.79 0.00	17.35 -0.74 0.00	17.38 -0.71 0.00	17.11 -0.75 0.00	18.94 -0.75 0.00	20.15 -0.58 0.00	22.38 -0.79 0.00	24.11 -0.82 0.00	24.69 -0.90 0.00	25.16 -0.86 0.00	27.43 -0.99 0.00	29.41 -1.00 0.00	31.69 -1.05 0.00	31.82 -1.43 0.00	33.19 -1.28 0.00	34.13 -1.53 0.00	34.78 -1.30 0.00	30.74 -1.05 0.00	27.67 -1.18 0.00	27.28 -1.41 0.00	23.84 -1.36 0.00	19.57 -1.21 0.00
NORTHPORT____1 23551	33.31 2.07 -8.25	28.69 2.03 -4.40	26.39 1.70 -5.33	22.63 1.63 -2.91	23.83 1.59 -4.15	27.63 1.55 -8.21	28.51 1.75 -7.07	31.14 1.95 -8.46	33.03 2.25 -7.62	34.22 2.57 -6.72	32.87 2.30 -4.98	34.18 2.26 -5.89	34.79 2.53 -3.84	35.35 2.58 -2.36	34.98 2.65 0.41	35.28 2.79 0.76	41.00 2.96 -3.56	45.78 3.07 -7.05	40.79 3.07 -1.65	41.16 2.57 -6.80	37.56 2.22 -6.48	34.11 2.55 -2.87	33.78 2.44 -6.13	33.76 1.75 -11.23
NORTHPORT____2 23552	33.31 2.07 -8.25	28.69 2.03 -4.40	26.39 1.70 -5.33	22.63 1.63 -2.91	23.83 1.59 -4.15	27.63 1.55 -8.21	28.51 1.75 -7.07	31.14 1.95 -8.46	33.03 2.25 -7.62	34.22 2.57 -6.72	32.87 2.30 -4.98	34.18 2.26 -5.89	34.79 2.53 -3.84	35.35 2.58 -2.36	34.98 2.65 0.41	35.28 2.79 0.76	41.00 2.96 -3.56	45.78 3.07 -7.05	40.79 3.07 -1.65	41.16 2.57 -6.80	37.56 2.22 -6.48	34.11 2.55 -2.87	33.78 2.44 -6.13	33.76 1.75 -11.23
NORTHPORT____3 23553	33.38 2.14 -8.25	28.76 2.09 -4.40	26.43 1.74 -5.33	22.63 1.63 -2.91	23.85 1.61 -4.15	27.66 1.59 -8.21	28.53 1.77 -7.07	31.21 2.03 -8.45	33.16 2.36 -7.63	34.34 2.69 -6.72	33.22 2.66 -4.97	34.59 2.68 -5.88	35.15 2.90 -3.83	35.77 3.01 -2.35	35.54 3.21 0.42	35.87 3.39 0.77	41.57 3.55 -3.55	46.42 3.71 -7.04	41.47 3.75 -1.64	41.73 3.15 -6.80	38.11 2.77 -6.48	34.48 2.93 -2.86	34.11 2.62 -6.29	33.98 1.81 -11.39
NORTHPORT____4 23650	33.38 2.14 -8.25	28.76 2.09 -4.40	26.43 1.74 -5.33	22.63 1.63 -2.91	23.85 1.61 -4.15	27.66 1.59 -8.21	28.53 1.77 -7.07	31.21 2.03 -8.45	33.16 2.36 -7.63	34.34 2.69 -6.72	33.22 2.66 -4.97	34.59 2.68 -5.88	35.15 2.90 -3.83	35.77 3.01 -2.35	35.54 3.21 0.42	35.87 3.39 0.77	41.57 3.55 -3.55	46.42 3.71 -7.04	41.47 3.75 -1.64	41.73 3.15 -6.80	38.11 2.77 -6.48	34.48 2.93 -2.86	34.11 2.62 -6.29	33.98 1.81 -11.39
NORTHPORT____IC 23718	33.31 2.07 -8.25	28.69 2.03 -4.40	26.39 1.70 -5.33	22.63 1.63 -2.91	23.83 1.59 -4.15	27.63 1.55 -8.21	28.51 1.75 -7.07	31.14 1.95 -8.46	33.03 2.25 -7.62	34.22 2.57 -6.72	32.87 2.30 -4.98	34.18 2.26 -5.89	34.79 2.53 -3.84	35.35 2.58 -2.36	34.98 2.65 0.41	35.28 2.79 0.76	41.00 2.96 -3.56	45.78 3.07 -7.05	40.79 3.07 -1.65	41.16 2.57 -6.80	37.56 2.22 -6.48	34.11 2.55 -2.87	33.78 2.44 -6.13	33.76 1.75 -11.23

NORTH__COUNTRY_ESR 323785	22.94 -0.05 0.00	22.17 -0.09 0.00	19.24 -0.12 0.00	17.98 -0.11 0.00	18.01 -0.07 0.00	17.74 -0.12 0.00	19.61 -0.08 0.00	20.81 0.08 0.00	23.19 0.02 0.00	24.93 0.00 0.00	25.61 0.03 0.00	26.00 -0.03 0.00	28.28 -0.14 0.00	30.32 -0.09 0.00	32.68 -0.07 0.00	32.55 -0.70 0.00	33.71 -0.76 0.00	34.67 -1.00 0.00	35.43 -0.65 0.00	31.47 -0.32 0.00	28.17 -0.69 0.00	27.68 -1.00 0.00	24.09 -1.11 0.00	19.74 -1.04 0.00
NPX_GEN_1385_PROXY 323591	32.69 1.45 -8.25	28.13 1.47 -4.40	25.96 1.28 -5.33	22.39 1.39 -2.91	23.53 1.28 -4.15	27.29 1.22 -8.21	28.11 1.36 -7.07	30.60 1.41 -8.46	32.36 1.58 -7.62	32.70 1.87 -5.90	32.00 1.43 -4.98	33.42 1.51 -5.89	33.40 1.71 -3.27	34.50 1.73 -2.36	34.10 1.77 0.41	34.38 1.89 0.76	40.03 2.00 -3.56	44.89 2.18 -7.05	40.00 2.27 -1.65	40.40 1.81 -6.80	36.90 1.56 -6.48	33.48 1.92 -2.87	33.15 1.82 -6.13	33.11 1.10 -11.23
NPX_GEN_CSC 323557	34.00 2.76 -8.25	29.40 2.74 -4.40	26.99 2.30 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.16 2.09 -8.21	29.10 2.34 -7.07	33.69 2.63 -10.32	33.79 3.01 -7.62	35.07 3.42 -6.73	39.36 3.30 -10.47	40.95 3.36 -11.57	48.11 3.72 -15.97	48.32 3.89 -14.02	124.97 4.03 -88.21	131.47 4.19 -94.03	134.19 4.41 -95.31	166.47 4.60 -126.20	159.90 4.66 -119.16	163.50 4.00 -127.71	157.26 3.52 -124.89	62.37 3.79 -29.89	40.73 3.45 -12.08	40.61 2.56 -17.28
NSINS_S_GLNS_FALLS 23858	26.23 1.89 -1.35	24.04 1.78 0.00	23.51 1.49 -2.66	23.31 1.37 -3.84	23.33 1.37 -3.87	24.15 1.41 -4.88	27.05 1.59 -5.77	27.07 1.68 -4.66	28.17 1.99 -3.02	27.65 2.29 -0.43	30.09 2.28 -2.23	31.23 2.39 -2.81	30.77 2.59 0.24	32.80 2.68 0.28	34.91 2.78 0.61	35.77 2.96 0.44	47.36 2.96 -9.93	53.23 3.14 -14.43	51.23 3.32 -11.83	46.78 3.02 -11.97	40.96 3.00 -9.10	31.67 2.98 0.00	28.42 2.44 -0.77	26.71 1.83 -4.10
NUCOR_STEEL__DRP 24197	23.41 0.30 -0.12	22.60 0.33 0.00	19.86 0.27 -0.23	18.68 0.25 -0.33	18.66 0.24 -0.34	18.54 0.25 -0.43	20.52 0.33 -0.50	21.32 0.19 -0.41	23.73 0.30 -0.26	25.27 0.30 -0.04	26.06 0.28 -0.19	26.59 0.31 -0.26	28.85 0.43 0.00	30.84 0.43 0.00	33.20 0.46 0.00	33.78 0.53 0.00	35.99 0.52 -1.00	37.67 0.61 -1.40	37.17 0.22 -0.44	32.71 0.51 -0.42	29.78 0.61 -0.32	29.29 0.60 0.00	25.72 0.45 -0.07	21.61 0.48 -0.36
NUMBER_THREE_WT_PWR 323818	22.89 -0.14 -0.04	22.13 -0.13 0.00	19.31 -0.12 -0.07	18.05 -0.15 -0.11	18.07 -0.13 -0.11	17.89 -0.11 -0.14	19.83 -0.02 -0.16	20.80 -0.06 -0.13	23.16 -0.09 -0.08	24.79 -0.15 -0.01	25.42 -0.23 -0.06	25.90 -0.21 -0.08	28.31 -0.11 0.00	30.29 -0.12 0.00	32.81 0.07 0.00	33.18 -0.07 0.00	35.00 0.21 -0.32	36.33 0.22 -0.45	36.58 0.50 0.00	32.23 0.44 0.00	29.38 0.52 0.00	28.95 0.26 0.00	25.35 0.13 -0.02	20.98 0.08 -0.12
NYISO_LBMP_REFERENCE 24008	22.99 0.00 0.00	22.26 0.00 0.00	19.35 0.00 0.00	18.09 0.00 0.00	18.09 0.00 0.00	17.86 0.00 0.00	19.69 0.00 0.00	20.73 0.00 0.00	23.16 0.00 0.00	24.93 0.00 0.00	25.59 0.00 0.00	26.02 0.00 0.00	28.42 0.00 0.00	30.41 0.00 0.00	32.74 0.00 0.00	33.25 0.00 0.00	34.47 0.00 0.00	35.67 0.00 0.00	36.08 0.00 0.00	31.79 0.00 0.00	28.86 0.00 0.00	28.69 0.00 0.00	25.20 0.00 0.00	20.78 0.00 0.00
NYPA_BRENTWD__GT 24164	33.73 2.48 -8.25	29.11 2.45 -4.40	26.74 2.05 -5.33	22.91 1.92 -2.91	24.14 1.90 -4.15	27.95 1.88 -8.21	28.84 2.09 -7.07	31.90 2.34 -8.83	33.42 2.64 -7.62	34.64 2.99 -6.72	34.74 2.84 -6.31	36.32 2.86 -7.43	38.42 3.21 -6.78	38.82 3.22 -5.19	56.04 3.21 -20.09	61.69 3.36 -25.09	66.60 3.55 -28.58	69.73 3.71 -30.36	62.26 3.68 -22.50	59.73 3.15 -24.80	55.17 2.74 -23.57	41.37 3.24 -9.44	41.67 3.07 -13.39	41.66 2.24 -18.64
NYPA_GOWANUS__GT5 24156	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NYPA_GOWANUS__GT6 24157	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.22 1.23 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.84 1.62 -3.49	27.47 2.04 -2.26	35.17 2.52 -7.72	29.87 2.58 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.57 2.92 -0.24	36.20 2.95 -0.51	36.74 3.12 -0.36	47.77 3.31 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.29 2.76 -3.75	34.13 2.42 -2.85	31.43 2.67 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09
NYPA_HARLEM_RVR_GT1 24160	25.68 1.68 -1.01	23.82 1.56 0.00	22.59 1.24 -2.00	22.08 1.10 -2.88	22.09 1.10 -2.90	22.51 1.00 -3.65	25.17 1.16 -4.32	25.67 1.45 -3.49	27.25 1.83 -2.25	27.49 2.24 -0.32	29.59 2.33 -1.67	31.08 2.37 -2.69	31.22 2.50 -0.29	33.22 2.58 -0.23	35.83 2.59 -0.50	36.33 2.73 -0.36	47.45 3.00 -9.99	52.00 2.93 -13.41	43.56 2.92 -4.56	37.94 2.41 -3.74	33.80 2.11 -2.84	31.07 2.38 0.00	28.08 2.29 -0.59	25.50 1.64 -3.07
NYPA_HARLEM_RVR_GT2 24161	25.68 1.68 -1.01	23.82 1.56 0.00	22.59 1.24 -2.00	22.08 1.10 -2.88	22.09 1.10 -2.90	22.51 1.00 -3.65	25.17 1.16 -4.32	25.67 1.45 -3.49	27.25 1.83 -2.25	27.49 2.24 -0.32	29.59 2.33 -1.67	31.08 2.37 -2.69	31.22 2.50 -0.29	33.22 2.58 -0.23	35.83 2.59 -0.50	36.33 2.73 -0.36	47.45 3.00 -9.99	52.00 2.93 -13.41	43.56 2.92 -4.56	37.94 2.41 -3.74	33.80 2.11 -2.84	31.07 2.38 0.00	28.08 2.29 -0.59	25.50 1.64 -3.07
NYPA_KENT__GT 24152	25.73 1.73 -1.02	23.89 1.62 0.00	22.67 1.32 -2.00	22.18 1.21 -2.88	22.18 1.19 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.42 1.99 -2.26	32.47 2.47 -5.08	29.81 2.53 -1.69	31.27 2.55 -2.69	31.48 2.76 -0.30	33.50 2.86 -0.24	36.14 2.88 -0.51	36.64 3.03 -0.36	47.66 3.21 -9.99	52.25 3.17 -13.41	43.86 3.21 -4.57	38.20 2.67 -3.75	34.04 2.34 -2.85	31.34 2.61 -0.04	31.88 2.50 -4.18	25.57 1.70 -3.08
NYPA_POUCH1__GT 24155	25.81 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.20 1.23 -2.88	22.20 1.21 -2.90	22.63 1.11 -3.66	25.28 1.26 -4.33	25.80 1.57 -3.49	27.40 1.97 -2.27	37.00 2.44 -9.63	29.77 2.48 -1.70	31.20 2.50 -2.68	31.39 2.67 -0.30	33.44 2.80 -0.23	36.10 2.85 -0.51	36.60 2.99 -0.36	47.69 3.24 -9.98	52.29 3.21 -13.41	43.85 3.21 -4.56	38.27 2.73 -3.75	34.10 2.39 -2.85	31.42 2.64 -0.09	36.03 2.54 -8.29	25.64 1.77 -3.09
NYPA_VERNON__GT2 24162	25.68 1.68 -1.02	23.84 1.58 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.16 1.17 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.82 1.60 -3.49	27.39 1.97 -2.26	29.78 2.42 -2.43	29.75 2.48 -1.68	31.21 2.50 -2.69	31.42 2.70 -0.30	33.44 2.80 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.22 3.14 -13.41	43.78 3.14 -4.57	38.14 2.61 -3.75	33.96 2.25 -2.85	31.23 2.53 -0.01	29.12 2.42 -1.50	25.50 1.64 -3.08

NYPY_VERNON____GT3 24163	25.68 1.68 -1.02	23.84 1.58 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.16 1.17 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.82 1.60 -3.49	27.39 1.97 -2.26	29.78 2.42 -2.43	29.75 2.48 -1.68	31.21 2.50 -2.69	31.42 2.70 -0.30	33.44 2.80 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.22 3.14 -13.41	43.78 3.14 -4.57	38.14 2.61 -3.75	33.96 2.25 -2.85	31.23 2.53 -0.01	29.12 2.42 -1.50	25.50 1.64 -3.08
NYPY____ASTORIA_CC1 323568	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.78 1.56 -3.49	27.35 1.92 -2.26	28.67 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.16 2.47 0.00	28.19 2.40 -0.59	25.48 1.62 -3.07
NYPY____ASTORIA_CC2 323569	25.64 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.13 1.14 -2.90	22.59 1.07 -3.66	25.26 1.24 -4.33	25.78 1.56 -3.49	27.35 1.92 -2.26	28.67 2.37 -1.37	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.15 3.07 -13.41	43.71 3.07 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.16 2.47 0.00	28.19 2.40 -0.59	25.48 1.62 -3.07
NYPY____HOLTSVILL 23794	33.68 2.44 -8.25	29.09 2.43 -4.40	26.72 2.03 -5.33	22.88 1.88 -2.91	24.10 1.86 -4.15	27.91 1.84 -8.21	28.82 2.07 -7.07	33.34 2.32 -10.29	33.42 2.64 -7.62	34.65 2.99 -6.73	38.97 2.87 -10.51	40.34 2.84 -11.48	47.61 3.13 -16.06	47.78 3.26 -14.11	122.90 3.37 -86.78	129.36 3.49 -92.63	132.11 3.69 -93.95	132.27 3.82 -92.79	125.65 3.86 -85.71	129.17 3.31 -94.08	123.04 2.89 -91.30	61.99 3.18 -30.11	40.17 2.97 -12.00	40.14 2.16 -17.20
NYPY____HELLGATE_GT1 24158	25.68 1.68 -1.01	23.82 1.56 0.00	22.59 1.24 -2.00	22.08 1.10 -2.88	22.09 1.10 -2.90	22.51 1.00 -3.65	25.17 1.16 -4.32	25.67 1.45 -3.49	27.25 1.83 -2.25	27.49 2.24 -0.32	29.59 2.33 -1.67	31.08 2.37 -2.69	31.22 2.50 -0.29	33.22 2.58 -0.23	35.83 2.59 -0.50	36.33 2.73 -0.36	47.45 3.00 -9.99	52.00 2.93 -13.41	43.56 2.92 -4.56	37.94 2.41 -3.74	33.80 2.11 -2.84	31.07 2.38 0.00	28.08 2.29 -0.59	25.50 1.64 -3.07
NYPY____HELLGATE_GT2 24159	25.68 1.68 -1.01	23.82 1.56 0.00	22.59 1.24 -2.00	22.08 1.10 -2.88	22.09 1.10 -2.90	22.51 1.00 -3.65	25.17 1.16 -4.32	25.67 1.45 -3.49	27.25 1.83 -2.25	27.49 2.24 -0.32	29.59 2.33 -1.67	31.08 2.37 -2.69	31.22 2.50 -0.29	33.22 2.58 -0.23	35.83 2.59 -0.50	36.33 2.73 -0.36	47.45 3.00 -9.99	52.00 2.93 -13.41	43.56 2.92 -4.56	37.94 2.41 -3.74	33.80 2.11 -2.84	31.07 2.38 0.00	28.08 2.29 -0.59	25.50 1.64 -3.07
NYS_BARGE____HYD 23848	22.72 -0.41 -0.14	21.93 -0.33 0.00	19.25 -0.39 -0.28	18.10 -0.40 -0.41	18.10 -0.40 -0.41	18.09 -0.29 -0.52	19.71 -0.59 -0.61	20.27 -0.95 -0.49	22.28 -1.21 -0.32	23.60 -1.37 -0.05	24.39 -1.43 -0.24	24.96 -1.38 -0.31	26.97 -1.45 0.00	28.83 -1.58 0.00	31.11 -1.64 0.00	31.65 -1.60 0.00	33.48 -2.21 -1.22	35.29 -2.07 -1.70	34.44 -2.20 -0.56	30.78 -1.53 -0.52	28.36 -0.89 -0.40	28.26 -0.43 0.00	24.71 -0.58 -0.08	21.13 -0.08 -0.43
OAK ORCHARD____HYD 24046	23.25 0.14 -0.12	22.31 0.04 0.00	19.69 0.10 -0.23	18.50 0.07 -0.34	18.50 0.07 -0.34	18.42 0.13 -0.43	20.19 0.00 -0.51	20.93 -0.21 -0.41	23.15 -0.28 -0.26	24.59 -0.37 -0.04	25.48 -0.31 -0.20	26.00 -0.29 -0.26	28.02 -0.40 0.00	29.98 -0.43 0.00	32.38 -0.36 0.00	32.92 -0.33 0.00	35.07 -0.41 -1.01	36.78 -0.29 -1.41	35.90 -0.61 -0.44	31.88 -0.32 -0.41	29.12 -0.06 -0.32	28.86 0.17 0.00	25.42 0.15 -0.07	21.53 0.39 -0.36
OAKDALE__35_KV_LOAD 356122	23.45 0.16 -0.30	22.55 0.29 0.00	20.07 0.14 -0.58	19.06 0.13 -0.84	19.04 0.11 -0.85	19.08 0.14 -1.07	21.09 0.14 -1.27	21.75 0.00 -1.02	23.92 0.09 -0.66	25.10 0.07 -0.09	26.15 0.08 -0.49	26.75 0.08 -0.65	28.68 0.26 0.00	30.71 0.30 0.00	33.10 0.36 0.00	33.65 0.40 0.00	37.17 0.17 -2.53	39.44 0.25 -3.52	37.77 0.36 -1.32	33.43 0.38 -1.26	30.34 0.52 -0.96	29.29 0.60 0.00	25.70 0.33 -0.17	22.01 0.33 -0.90
OCC_CHEM____DRP 24175	22.45 -0.69 -0.15	21.46 -0.80 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.89 -0.61 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.64 -1.60 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.88 -1.94 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.25 -2.49 0.00	30.82 -2.43 0.00	32.72 -3.00 -1.25	34.48 -2.92 -1.74	33.43 -3.17 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
OH_GEN_PROXY 24063	22.56 -0.57 -0.14	21.73 -0.53 0.00	19.12 -0.52 -0.29	17.98 -0.53 -0.41	17.98 -0.53 -0.41	17.97 -0.41 -0.52	19.58 -0.73 -0.62	20.15 -1.08 -0.50	22.12 -1.37 -0.32	23.43 -1.55 -0.05	24.22 -1.61 -0.24	24.73 -1.61 -0.32	26.66 -1.76 0.00	28.50 -1.91 0.00	30.78 -1.96 0.00	31.32 -1.93 0.00	33.26 -2.45 -1.23	35.03 -2.36 -1.72	34.03 -2.60 -0.55	30.41 -1.91 -0.53	28.05 -1.21 -0.40	27.97 -0.72 0.00	24.53 -0.76 -0.08	20.97 -0.25 -0.44
OLIN_CORP_DRP 24177	22.40 -0.74 -0.15	21.71 -0.56 0.00	18.97 -0.68 -0.29	17.84 -0.67 -0.42	17.84 -0.67 -0.42	17.86 -0.54 -0.53	19.43 -0.89 -0.63	19.73 -1.51 -0.51	21.92 -1.58 -0.33	23.21 -1.77 -0.05	23.99 -1.84 -0.24	24.52 -1.82 -0.32	26.43 -1.99 0.00	28.25 -2.16 0.00	30.45 -2.29 0.00	31.05 -2.19 0.00	32.83 -2.90 -1.26	34.71 -2.71 -1.76	33.73 -2.92 -0.57	30.20 -2.13 -0.54	27.86 -1.41 -0.41	27.74 -0.95 0.00	24.33 -0.96 -0.08	20.83 -0.39 -0.45
OLIN_CORP_DSASP 323712	22.45 -0.69 -0.15	21.59 -0.67 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.93 -0.58 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.89 -1.35 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.86 -1.97 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.29 -2.46 0.00	30.82 -2.43 0.00	32.75 -2.96 -1.25	34.48 -2.92 -1.74	33.43 -3.18 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
ONEIDA_HERK_LFGE 323681	23.23 0.21 -0.03	22.46 0.20 0.00	19.60 0.17 -0.07	18.32 0.13 -0.10	18.33 0.14 -0.10	18.15 0.16 -0.13	20.09 0.26 -0.15	21.08 0.23 -0.12	23.52 0.28 -0.08	25.26 0.32 -0.01	25.87 0.23 -0.06	26.39 0.29 -0.08	28.88 0.45 0.00	30.90 0.49 0.00	33.33 0.59 0.00	33.78 0.53 0.00	35.45 0.69 -0.30	36.79 0.71 -0.41	36.98 0.90 0.00	32.55 0.76 0.00	29.64 0.78 0.00	29.29 0.60 0.00	25.68 0.45 -0.02	21.24 0.35 -0.11
ONEIDA____115KV_TB4 55905	23.53 0.48 -0.06	22.75 0.49 0.00	19.88 0.41 -0.12	18.60 0.34 -0.17	18.62 0.36 -0.17	18.47 0.39 -0.21	20.45 0.51 -0.25	21.39 0.46 -0.20	23.85 0.56 -0.13	25.60 0.65 -0.02	26.30 0.61 -0.10	26.80 0.65 -0.13	29.27 0.85 0.00	31.32 0.91 0.00	33.76 1.01 0.00	34.24 1.00 0.00	36.11 1.14 -0.51	37.58 1.21 -0.71	37.41 1.33 0.00	32.93 1.14 0.00	29.98 1.13 0.00	29.67 0.98 0.00	26.02 0.78 -0.03	21.62 0.66 -0.18

ONONDAGA_REF_OCCRA 23987	23.10 0.00 -0.11	22.28 0.02 0.00	19.56 0.00 -0.21	18.39 0.00 -0.30	18.39 0.00 -0.30	18.26 0.02 -0.38	20.18 0.04 -0.45	21.03 -0.06 -0.37	23.40 0.00 -0.24	24.94 -0.02 -0.03	25.74 -0.03 -0.18	26.26 0.00 -0.23	28.45 0.03 0.00	30.44 0.03 0.00	32.77 0.03 0.00	33.31 0.07 0.00	35.38 0.00 -0.91	36.96 0.04 -1.26	36.46 0.00 -0.38	32.15 0.00 -0.36	29.25 0.12 -0.28	28.83 0.14 0.00	25.34 0.08 -0.06	21.29 0.19 -0.32
ONONDAGA___COGEN 23986	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.27 0.05 -0.36	20.21 0.10 -0.42	21.05 -0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.14 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
ONTARIO___LFGE 23819	23.36 0.23 -0.14	22.57 0.31 0.00	19.80 0.17 -0.27	18.64 0.16 -0.39	18.64 0.16 -0.39	18.58 0.22 -0.50	20.51 0.24 -0.59	21.31 0.10 -0.47	23.59 0.12 -0.31	25.12 0.15 -0.04	25.89 0.08 -0.23	26.51 0.18 -0.30	28.76 0.34 0.00	30.80 0.39 0.00	33.10 0.36 0.00	33.61 0.37 0.00	35.82 0.17 -1.18	37.66 0.36 -1.64	36.97 0.36 -0.53	32.80 0.51 -0.50	29.93 0.69 -0.38	29.46 0.77 0.00	25.71 0.43 -0.08	21.72 0.52 -0.42
ORANGEVILLE_WT_PWR 323706	23.00 -0.16 -0.18	22.33 0.07 0.00	19.51 -0.19 -0.35	18.37 -0.22 -0.50	18.35 -0.24 -0.50	18.37 -0.12 -0.63	20.08 -0.35 -0.75	20.69 -0.64 -0.60	22.74 -0.81 -0.39	24.04 -0.95 -0.06	24.85 -1.02 -0.29	25.39 -1.02 -0.38	27.57 -0.85 0.00	29.53 -0.88 0.00	31.89 -0.85 0.00	32.42 -0.83 0.00	34.41 -1.55 -1.49	36.43 -1.32 -2.08	35.66 -1.12 -0.70	31.81 -0.64 -0.66	29.22 -0.14 -0.50	28.92 0.23 0.00	25.08 -0.23 -0.10	21.35 0.04 -0.53
ORANGEVILLE___ESR 323794	23.00 -0.16 -0.18	22.33 0.07 0.00	19.51 -0.19 -0.35	18.37 -0.22 -0.50	18.35 -0.24 -0.50	18.37 -0.12 -0.63	20.08 -0.35 -0.75	20.69 -0.64 -0.60	22.74 -0.81 -0.39	24.04 -0.95 -0.06	24.85 -1.02 -0.29	25.39 -1.02 -0.38	27.57 -0.85 0.00	29.53 -0.88 0.00	31.89 -0.85 0.00	32.42 -0.83 0.00	34.41 -1.55 -1.49	36.43 -1.32 -2.08	35.66 -1.12 -0.70	31.81 -0.64 -0.66	29.22 -0.14 -0.50	28.92 0.23 0.00	25.08 -0.23 -0.10	21.35 0.04 -0.53
OSWEGATCHIE___HYD 24044	22.19 -0.83 -0.03	21.44 -0.82 0.00	18.67 -0.74 -0.05	17.48 -0.69 -0.08	17.50 -0.67 -0.08	17.28 -0.68 -0.10	19.16 -0.65 -0.12	20.18 -0.64 -0.10	22.44 -0.79 -0.06	24.07 -0.87 -0.01	24.71 -0.92 -0.05	25.12 -0.96 -0.06	27.43 -1.00 0.00	29.38 -1.03 0.00	31.79 -0.95 0.00	32.08 -1.16 0.00	33.70 -1.00 -0.24	34.93 -1.07 -0.33	35.25 -0.83 0.00	31.09 -0.70 0.00	28.22 -0.64 0.00	27.83 -0.86 0.00	24.34 -0.88 -0.02	20.10 -0.77 -0.08
OSWEGO___5 23606	22.72 -0.34 -0.07	21.93 -0.33 0.00	19.23 -0.27 -0.15	18.05 -0.25 -0.21	18.05 -0.25 -0.21	17.90 -0.23 -0.27	19.73 -0.28 -0.32	20.63 -0.35 -0.26	22.94 -0.39 -0.17	24.48 -0.47 -0.02	25.20 -0.51 -0.12	25.69 -0.50 -0.16	27.88 -0.54 0.00	29.83 -0.58 0.00	32.12 -0.62 0.00	32.61 -0.63 0.00	34.45 -0.66 -0.64	35.87 -0.68 -0.89	35.36 -0.72 0.00	31.18 -0.60 0.00	28.40 -0.46 0.00	28.26 -0.43 0.00	24.87 -0.38 -0.04	20.82 -0.19 -0.23
OSWEGO___6 23613	22.72 -0.34 -0.07	21.93 -0.33 0.00	19.23 -0.27 -0.15	18.05 -0.25 -0.21	18.05 -0.25 -0.21	17.90 -0.23 -0.27	19.73 -0.28 -0.32	20.63 -0.35 -0.26	22.94 -0.39 -0.17	24.48 -0.47 -0.02	25.20 -0.51 -0.12	25.69 -0.50 -0.16	27.88 -0.54 0.00	29.83 -0.58 0.00	32.12 -0.62 0.00	32.61 -0.63 0.00	34.45 -0.66 -0.64	35.87 -0.68 -0.89	35.36 -0.72 0.00	31.18 -0.60 0.00	28.40 -0.46 0.00	28.26 -0.43 0.00	24.87 -0.38 -0.04	20.82 -0.19 -0.23
OUTOKUMPU-AB___DRP 24206	22.91 -0.23 -0.15	22.11 -0.16 0.00	19.40 -0.25 -0.29	18.24 -0.27 -0.42	18.22 -0.29 -0.43	18.26 -0.14 -0.54	19.83 -0.49 -0.64	20.15 -1.10 -0.51	22.43 -1.07 -0.33	23.78 -1.20 -0.05	24.58 -1.25 -0.25	25.15 -1.20 -0.33	27.20 -1.22 0.00	29.13 -1.28 0.00	31.37 -1.38 0.00	31.95 -1.30 0.00	33.71 -2.03 -1.27	35.62 -1.82 -1.77	34.78 -1.91 -0.62	31.06 -1.27 -0.55	28.64 -0.63 -0.42	28.49 -0.20 0.00	24.86 -0.43 -0.09	21.27 0.04 -0.45
OXBOW___ 24026	22.72 -0.41 -0.15	21.93 -0.33 0.00	19.26 -0.39 -0.29	18.11 -0.40 -0.42	18.13 -0.38 -0.42	18.13 -0.27 -0.53	19.67 -0.65 -0.63	20.18 -1.06 -0.51	22.17 -1.32 -0.33	23.51 -1.47 -0.05	24.30 -1.53 -0.24	24.86 -1.48 -0.32	26.83 -1.59 0.00	28.68 -1.73 0.00	30.94 -1.80 0.00	31.48 -1.76 0.00	33.38 -2.35 -1.26	35.18 -2.25 -1.76	34.23 -2.45 -0.61	30.61 -1.72 -0.54	28.23 -1.04 -0.41	28.12 -0.57 0.00	24.61 -0.68 -0.08	21.08 -0.14 -0.45
OXY_CHEM_DSASP 323612	22.45 -0.69 -0.15	21.46 -0.80 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.89 -0.61 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.64 -1.60 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.88 -1.94 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.25 -2.49 0.00	30.82 -2.43 0.00	32.72 -3.00 -1.25	34.48 -2.92 -1.74	33.43 -3.17 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
OZONE_PARK_ESR 323760	25.82 1.82 -1.01	24.00 1.74 0.00	22.79 1.43 -2.00	22.31 1.34 -2.88	22.33 1.34 -2.90	22.81 1.29 -3.66	25.49 1.48 -4.33	25.96 1.74 -3.49	27.58 2.15 -2.26	27.82 2.57 -0.32	29.91 2.64 -1.68	31.38 2.68 -2.68	31.62 2.90 -0.30	33.63 2.98 -0.24	36.36 3.11 -0.51	36.87 3.26 -0.36	48.01 3.55 -9.99	52.68 3.60 -13.41	44.18 3.54 -4.57	38.49 2.96 -3.75	34.22 2.51 -2.85	31.44 2.75 0.00	28.40 2.62 -0.58	25.64 1.79 -3.07
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.45 -0.69 -0.15	21.46 -0.80 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.89 -0.61 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.64 -1.60 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.88 -1.94 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.25 -2.49 0.00	30.82 -2.43 0.00	32.72 -3.00 -1.25	34.48 -2.92 -1.74	33.43 -3.17 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
PACKARD__115KV_DUPONT_184 80571	22.45 -0.69 -0.15	21.46 -0.80 0.00	19.02 -0.62 -0.29	17.91 -0.60 -0.42	17.89 -0.61 -0.42	17.91 -0.48 -0.53	19.43 -0.89 -0.63	19.64 -1.60 -0.50	21.82 -1.67 -0.33	23.11 -1.87 -0.05	23.88 -1.94 -0.24	24.39 -1.95 -0.32	26.23 -2.19 0.00	28.04 -2.37 0.00	30.25 -2.49 0.00	30.82 -2.43 0.00	32.72 -3.00 -1.25	34.48 -2.92 -1.74	33.43 -3.17 -0.53	29.94 -2.38 -0.54	27.65 -1.62 -0.41	27.57 -1.12 0.00	24.23 -1.06 -0.08	20.77 -0.46 -0.44
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.68 1.68 -1.01	23.82 1.56 0.00	22.59 1.24 -2.00	22.09 1.12 -2.88	22.13 1.14 -2.90	22.54 1.02 -3.66	25.20 1.18 -4.33	25.67 1.45 -3.49	27.28 1.85 -2.26	27.51 2.27 -0.32	29.62 2.35 -1.68	31.08 2.37 -2.69	31.25 2.53 -0.30	33.26 2.62 -0.24	35.87 2.62 -0.51	36.40 2.79 -0.36	47.49 3.03 -9.99	52.00 2.92 -13.41	43.57 2.92 -4.57	37.95 2.42 -3.75	33.81 2.11 -2.85	31.10 2.41 0.00	28.11 2.32 -0.59	25.47 1.62 -3.07

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.89 1.89 -1.01	24.04 1.78 0.00	22.79 1.43 -2.00	22.26 1.28 -2.88	22.31 1.32 -2.90	22.70 1.18 -3.66	25.36 1.34 -4.33	25.86 1.64 -3.49	27.49 2.06 -2.26	27.91 2.67 -0.32	29.85 2.58 -1.68	31.47 2.76 -2.69	31.68 2.96 -0.30	33.72 3.07 -0.24	36.20 2.95 -0.51	36.70 3.09 -0.36	47.84 3.38 -9.99	52.40 3.32 -13.41	43.96 3.32 -4.57	38.30 2.77 -3.75	34.10 2.40 -2.85	31.39 2.70 0.00	28.39 2.60 -0.59	25.66 1.81 -3.07
PATROON__115KV_TB1 80586	25.11 0.80 -1.32	23.02 0.76 0.00	22.59 0.64 -2.59	22.43 0.60 -3.74	22.43 0.58 -3.76	23.20 0.59 -4.75	25.95 0.65 -5.62	25.92 0.66 -4.53	26.93 0.83 -2.93	26.37 1.02 -0.42	28.80 1.05 -2.17	29.89 1.12 -2.75	29.42 1.22 0.22	31.45 1.31 0.26	33.51 1.34 0.57	34.27 1.43 0.41	45.64 1.45 -9.72	51.30 1.53 -14.10	46.54 1.52 -8.94	42.30 1.33 -9.18	37.02 1.18 -6.98	29.92 1.23 0.00	27.01 1.06 -0.75	25.51 0.75 -3.99
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.53 -0.62 -0.16	22.35 0.09 0.00	19.09 -0.58 -0.32	17.96 -0.60 -0.46	17.94 -0.61 -0.47	17.99 -0.46 -0.59	19.63 -0.75 -0.69	20.05 -1.24 -0.56	22.30 -1.23 -0.36	23.61 -1.37 -0.05	24.45 -1.41 -0.27	25.03 -1.35 -0.36	27.77 -0.65 0.00	29.80 -0.61 0.00	32.09 -0.65 0.00	32.68 -0.57 0.00	33.79 -2.07 -1.39	35.78 -1.82 -1.93	35.68 -1.05 -0.64	31.88 -0.51 -0.61	29.29 -0.03 -0.46	29.06 0.37 0.00	24.67 -0.63 -0.09	21.04 -0.23 -0.49
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.56 1.54 -1.03	23.78 1.51 0.00	22.66 1.28 -2.03	22.25 1.23 -2.93	22.21 1.18 -2.95	22.72 1.14 -3.71	25.36 1.28 -4.39	25.66 1.39 -3.54	27.17 1.71 -2.30	27.33 2.07 -0.33	29.42 2.12 -1.71	30.75 2.21 -2.52	31.26 2.61 -0.22	33.35 2.74 -0.20	36.06 2.88 -0.44	36.62 3.06 -0.31	47.64 3.24 -9.93	52.42 3.35 -13.40	43.95 3.32 -4.55	38.37 2.77 -3.82	33.98 2.22 -2.90	31.01 2.32 0.00	27.86 2.07 -0.59	25.35 1.45 -3.12
PEEKSKILL____ 23653	25.35 1.36 -1.00	23.60 1.34 0.00	22.43 1.10 -1.97	21.98 1.05 -2.84	21.96 1.01 -2.86	22.47 1.00 -3.61	25.08 1.12 -4.27	25.46 1.29 -3.45	26.95 1.55 -2.23	27.12 1.87 -0.32	29.17 1.92 -1.66	30.66 1.95 -2.69	30.89 2.16 -0.31	32.89 2.25 -0.23	35.57 2.32 -0.50	36.10 2.49 -0.36	47.00 2.69 -9.84	51.59 2.71 -13.22	43.25 2.67 -4.50	37.70 2.22 -3.70	33.54 1.87 -2.81	30.70 2.01 0.00	27.67 1.89 -0.57	25.10 1.29 -3.03
PGE MADISON__WINDPWR 24146	24.83 1.56 -0.28	23.89 1.62 0.00	21.22 1.32 -0.55	20.06 1.18 -0.79	20.08 1.19 -0.80	20.12 1.25 -1.01	22.43 1.55 -1.19	23.16 1.47 -0.96	25.38 1.60 -0.62	26.81 1.80 -0.09	27.61 1.56 -0.46	28.27 1.64 -0.61	30.61 2.19 0.00	32.75 2.34 0.00	35.39 2.65 0.00	35.91 2.66 0.00	39.50 2.65 -2.38	41.94 2.96 -3.31	41.09 3.46 -1.55	36.28 3.02 -1.47	32.92 2.94 -1.12	31.36 2.67 0.00	27.35 1.99 -0.16	23.27 1.64 -0.85
PIERCEFIELD__HYD 23852	21.89 -1.10 0.00	21.15 -1.11 0.00	18.39 -0.97 0.00	17.19 -0.90 0.00	17.20 -0.89 0.00	16.93 -0.93 0.00	18.74 -0.94 0.00	19.94 -0.79 0.00	22.14 -1.02 0.00	23.86 -1.07 0.00	24.44 -1.15 0.00	24.88 -1.15 0.00	27.14 -1.28 0.00	29.13 -1.28 0.00	31.40 -1.34 0.00	31.62 -1.63 0.00	32.95 -1.52 0.00	33.92 -1.75 0.00	34.53 -1.55 0.00	30.48 -1.30 0.00	27.53 -1.33 0.00	27.14 -1.55 0.00	23.74 -1.46 0.00	19.51 -1.27 0.00
PINELAWN_CC_1 323563	33.54 2.30 -8.25	28.91 2.25 -4.40	26.56 1.88 -5.33	22.75 1.75 -2.91	23.98 1.74 -4.15	27.79 1.72 -8.21	28.69 1.93 -7.07	31.40 2.18 -8.50	33.31 2.53 -7.62	34.52 2.87 -6.72	33.76 2.81 -5.35	35.37 2.84 -6.51	36.24 3.15 -4.67	36.82 3.26 -3.15	40.81 3.14 -4.93	46.10 3.12 -9.72	51.53 3.34 -13.71	55.28 3.46 -16.16	47.67 3.46 -8.13	43.89 3.05 -9.05	39.75 2.71 -8.18	36.60 3.18 -4.72	35.66 2.92 -7.53	35.56 2.12 -12.66
PJM_GEN_HTP_PROXY 323702	25.54 1.54 -1.01	23.75 1.49 0.00	22.59 1.24 -2.00	22.11 1.14 -2.88	22.11 1.12 -2.90	22.63 1.11 -3.66	25.28 1.26 -4.33	25.74 1.51 -3.49	27.28 1.85 -2.26	27.50 2.24 -0.32	29.57 2.30 -1.68	31.05 2.34 -2.68	31.25 2.53 -0.30	33.26 2.62 -0.24	35.97 2.72 -0.51	36.47 2.86 -0.36	47.52 3.07 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.01 2.32 0.00	28.00 2.22 -0.58	25.37 1.52 -3.07
PJM_GEN_KEystone 24065	23.92 0.32 -0.61	22.73 0.47 0.00	20.80 0.23 -1.21	20.05 0.22 -1.74	20.04 0.20 -1.75	20.32 0.25 -2.21	22.50 0.20 -2.62	22.99 0.15 -2.11	24.72 0.18 -1.37	25.40 0.27 -0.20	26.89 0.28 -1.02	27.57 0.29 -1.26	28.97 0.48 -0.07	31.08 0.55 -0.12	33.60 0.59 -0.26	34.10 0.66 -0.19	40.80 0.42 -5.92	44.11 0.46 -7.98	39.30 0.50 -2.72	34.60 0.54 -2.28	31.22 0.63 -1.73	29.58 0.89 0.00	26.18 0.63 -0.35	23.12 0.48 -1.86
PJM_GEN_NEPTUNE_PROXY 323594	33.10 1.86 -8.25	28.49 1.83 -4.40	26.20 1.51 -5.33	22.43 1.43 -2.91	23.63 1.39 -4.15	27.45 1.38 -8.21	28.29 1.54 -7.07	30.85 1.74 -8.38	32.84 2.06 -7.62	34.04 2.39 -6.72	32.98 2.35 -5.04	34.74 2.37 -6.34	35.01 2.61 -3.98	35.61 2.71 -2.49	36.25 2.82 -0.69	43.14 2.96 -6.93	48.65 3.17 -11.01	52.35 3.28 -13.41	43.90 3.28 -4.54	38.23 2.76 -3.68	34.03 2.39 -2.78	34.43 2.55 -3.19	34.17 2.42 -6.55	34.15 1.70 -11.66
PJM_GEN_VFT_PROXY 323633	25.45 1.45 -1.01	23.64 1.38 0.00	22.49 1.14 -2.00	22.02 1.05 -2.88	22.02 1.03 -2.90	22.54 1.02 -3.66	25.20 1.18 -4.33	25.67 1.45 -3.49	27.21 1.78 -2.26	27.45 2.19 -0.32	29.52 2.25 -1.68	30.97 2.26 -2.68	31.17 2.44 -0.30	33.14 2.49 -0.24	35.78 2.52 -0.51	36.30 2.69 -0.36	47.39 2.93 -9.99	52.00 2.93 -13.41	43.53 2.89 -4.57	37.88 2.35 -3.75	33.70 1.99 -2.85	30.93 2.24 0.00	27.95 2.17 -0.58	25.31 1.45 -3.07
PLATSBRG_115KV_PMLD1 355749	23.24 0.25 0.00	22.46 0.20 0.00	19.47 0.12 0.00	18.20 0.11 0.00	18.23 0.14 0.00	17.95 0.09 0.00	19.86 0.18 0.00	21.12 0.39 0.00	23.49 0.32 0.00	25.23 0.30 0.00	25.92 0.33 0.00	26.31 0.29 0.00	28.62 0.20 0.00	30.68 0.27 0.00	33.10 0.36 0.00	32.75 -0.50 0.00	34.06 -0.41 0.00	34.70 -0.96 0.00	35.68 -0.40 0.00	31.82 0.03 0.00	28.48 -0.38 0.00	28.03 -0.66 0.00	24.35 -0.86 0.00	19.93 -0.85 0.00
PLEASANTVLY__LBMP 24000	25.32 1.26 -1.07	23.51 1.25 0.00	22.51 1.05 -2.11	22.11 0.98 -3.04	22.13 0.98 -3.06	22.67 0.95 -3.86	25.30 1.04 -4.57	25.56 1.14 -3.69	26.94 1.39 -2.39	26.92 1.65 -0.34	29.08 1.71 -1.78	30.43 1.72 -2.69	30.62 1.90 -0.29	32.66 1.98 -0.27	35.39 2.06 -0.59	35.86 2.19 -0.42	47.48 2.34 -10.66	52.30 2.35 -14.28	43.31 2.35 -4.88	37.72 1.97 -3.96	33.57 1.70 -3.01	30.50 1.81 0.00	27.50 1.69 -0.61	25.21 1.18 -3.25
PLSNTVLE_13_KV_13.8KVDIST 80602	25.48 1.47 -1.02	23.69 1.42 0.00	22.57 1.20 -2.02	22.12 1.12 -2.91	22.14 1.12 -2.93	22.65 1.09 -3.69	25.28 1.22 -4.37	25.63 1.37 -3.53	27.14 1.69 -2.28	27.28 2.02 -0.33	29.38 2.10 -1.70	30.78 2.11 -2.64	31.04 2.33 -0.29	33.08 2.43 -0.24	35.81 2.55 -0.52	36.31 2.69 -0.37	47.42 2.86 -10.09	52.10 2.89 -13.55	43.58 2.89 -4.61	37.98 2.42 -3.78	33.78 2.05 -2.87	30.90 2.21 0.00	27.83 2.04 -0.58	25.32 1.43 -3.10

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.48 1.47 -1.02	23.69 1.42 0.00	22.57 1.20 -2.02	22.12 1.12 -2.91	22.14 1.12 -2.93	22.65 1.09 -3.69	25.28 1.22 -4.37	25.63 1.37 -3.53	27.14 1.69 -2.28	27.28 2.02 -0.33	29.38 2.10 -1.70	30.78 2.11 -2.64	31.04 2.33 -0.29	33.08 2.43 -0.24	35.81 2.55 -0.52	36.31 2.69 -0.37	47.42 2.86 -10.09	52.10 2.89 -13.55	43.58 2.89 -4.61	37.98 2.42 -3.78	33.78 2.05 -2.87	30.90 2.21 0.00	27.83 2.04 -0.58	25.32 1.43 -3.10
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.48 1.45 -1.04	23.66 1.40 0.00	22.59 1.18 -2.06	22.16 1.10 -2.97	22.18 1.10 -2.99	22.70 1.07 -3.77	25.33 1.18 -4.46	25.55 1.22 -3.60	27.00 1.51 -2.33	27.06 1.79 -0.33	29.15 1.84 -1.72	30.23 1.90 -2.30	30.48 2.10 0.04	32.56 2.22 0.07	34.92 2.32 0.15	35.63 2.49 0.11	45.64 2.65 -8.51	50.38 2.71 -12.00	42.70 2.67 -3.95	38.01 2.29 -3.93	33.84 1.99 -2.99	30.73 2.04 0.00	27.66 1.87 -0.60	25.25 1.31 -3.17
POLETTI____ 23519	25.57 1.56 -1.01	23.78 1.51 0.00	22.59 1.24 -2.00	22.13 1.16 -2.88	22.15 1.16 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.74 1.51 -3.49	27.30 1.88 -2.26	27.52 2.27 -0.32	29.60 2.33 -1.68	31.05 2.34 -2.68	31.28 2.56 -0.30	33.26 2.62 -0.24	35.94 2.68 -0.51	36.47 2.86 -0.36	47.56 3.10 -9.99	52.18 3.10 -13.41	43.71 3.07 -4.57	38.04 2.51 -3.75	33.84 2.14 -2.85	31.04 2.35 0.00	28.05 2.27 -0.58	25.39 1.54 -3.07
POMONA____ESR 323819	25.27 1.31 -0.97	23.55 1.29 0.00	22.34 1.08 -1.91	21.85 1.01 -2.75	21.85 0.99 -2.77	22.33 0.98 -3.49	24.90 1.08 -4.13	25.26 1.20 -3.33	26.76 1.44 -2.16	26.98 1.74 -0.31	28.98 1.79 -1.60	29.68 1.82 -1.83	30.49 1.99 -0.08	32.72 2.10 -0.21	35.40 2.19 -0.47	35.91 2.33 -0.33	46.45 2.51 -9.46	50.93 2.53 -12.73	42.89 2.49 -4.33	37.42 2.06 -3.57	33.33 1.76 -2.72	30.58 1.89 0.00	27.52 1.76 -0.55	24.92 1.20 -2.93
PORT_JEFF_3 23555	33.70 2.46 -8.25	29.09 2.43 -4.40	26.74 2.05 -5.33	22.90 1.90 -2.91	24.12 1.88 -4.15	27.93 1.86 -8.21	28.82 2.07 -7.07	33.44 2.34 -10.37	33.45 2.66 -7.62	34.70 3.04 -6.73	38.94 2.84 -10.51	40.51 2.79 -11.70	47.55 3.07 -16.06	47.65 3.13 -14.11	126.35 3.21 -90.40	132.79 3.32 -96.22	135.38 3.48 -97.43	135.38 3.60 -96.11	128.88 3.68 -89.12	132.79 3.12 -97.89	126.65 2.77 -95.02	61.89 3.10 -30.10	40.29 2.95 -12.14	40.26 2.14 -17.34
PORT_JEFF_4 23616	33.70 2.46 -8.25	29.09 2.43 -4.40	26.74 2.05 -5.33	22.90 1.90 -2.91	24.12 1.88 -4.15	27.93 1.86 -8.21	28.82 2.07 -7.07	33.44 2.34 -10.37	33.45 2.66 -7.62	34.70 3.04 -6.73	38.94 2.84 -10.51	40.51 2.79 -11.70	47.55 3.07 -16.06	47.65 3.13 -14.11	126.35 3.21 -90.40	132.79 3.32 -96.22	135.38 3.48 -97.43	135.38 3.60 -96.11	128.88 3.68 -89.12	132.79 3.12 -97.89	126.65 2.77 -95.02	61.89 3.10 -30.10	40.29 2.95 -12.14	40.26 2.14 -17.34
PORT_JEFF_IC 23713	33.77 2.53 -8.25	29.18 2.51 -4.40	26.80 2.11 -5.33	22.95 1.95 -2.91	24.18 1.94 -4.15	27.99 1.91 -8.21	28.88 2.13 -7.07	33.82 2.42 -10.67	33.54 2.76 -7.62	34.77 3.12 -6.73	39.14 2.97 -10.59	41.46 2.94 -12.49	47.79 3.15 -16.21	47.86 3.19 -14.26	139.83 3.31 -103.78	146.20 3.43 -109.53	148.40 3.62 -110.31	142.88 3.74 -103.47	136.63 3.79 -96.77	141.98 3.21 -106.99	135.54 2.86 -103.83	62.27 3.16 -30.43	40.87 3.07 -12.59	40.83 2.24 -17.80
PPL PILGRIM_ST_GT1 24216	33.73 2.48 -8.25	29.11 2.45 -4.40	26.74 2.05 -5.33	22.91 1.92 -2.91	24.14 1.90 -4.15	27.95 1.88 -8.21	28.84 2.09 -7.07	31.90 2.34 -8.83	33.42 2.64 -7.62	34.64 2.99 -6.72	34.74 2.84 -6.31	36.32 2.86 -7.43	38.42 3.21 -6.78	38.82 3.22 -5.19	56.04 3.21 -20.09	61.69 3.36 -25.09	66.60 3.55 -28.58	69.73 3.71 -30.36	62.26 3.68 -22.50	59.73 3.15 -24.80	55.17 2.74 -23.57	41.37 3.24 -9.44	41.67 3.07 -13.39	41.66 2.24 -18.64
PPL PILGRIM_ST_GT2 24217	33.73 2.48 -8.25	29.11 2.45 -4.40	26.74 2.05 -5.33	22.91 1.92 -2.91	24.14 1.90 -4.15	27.95 1.88 -8.21	28.84 2.09 -7.07	31.90 2.34 -8.83	33.42 2.64 -7.62	34.64 2.99 -6.72	34.74 2.84 -6.31	36.32 2.86 -7.43	38.42 3.21 -6.78	38.82 3.22 -5.19	56.04 3.21 -20.09	61.69 3.36 -25.09	66.60 3.55 -28.58	69.73 3.71 -30.36	62.26 3.68 -22.50	59.73 3.15 -24.80	55.17 2.74 -23.57	41.37 3.24 -9.44	41.67 3.07 -13.39	41.66 2.24 -18.64
PPL_SHRM_GT3 24213	34.00 2.76 -8.25	29.40 2.74 -4.40	26.99 2.30 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.16 2.09 -8.21	29.08 2.32 -7.07	33.75 2.61 -10.41	33.77 2.99 -7.62	35.07 3.42 -6.73	39.32 3.28 -10.46	41.15 3.33 -11.79	48.08 3.72 -15.93	48.29 3.89 -13.99	128.79 4.03 -92.03	135.25 4.19 -97.82	137.86 4.41 -98.98	155.26 4.60 -114.99	148.78 4.66 -108.04	152.83 4.04 -117.01	146.51 3.55 -114.11	62.32 3.82 -29.81	40.85 3.43 -12.22	40.76 2.56 -17.43
PPL_SHRM_GT4 24214	34.00 2.76 -8.25	29.40 2.74 -4.40	26.99 2.30 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.16 2.09 -8.21	29.08 2.32 -7.07	33.75 2.61 -10.41	33.77 2.99 -7.62	35.07 3.42 -6.73	39.32 3.28 -10.46	41.15 3.33 -11.79	48.08 3.72 -15.93	48.29 3.89 -13.99	128.79 4.03 -92.03	135.25 4.19 -97.82	137.86 4.41 -98.98	155.26 4.60 -114.99	148.78 4.66 -108.04	152.83 4.04 -117.01	146.51 3.55 -114.11	62.32 3.82 -29.81	40.85 3.43 -12.22	40.76 2.56 -17.43
PROJECT___ORANGE 1 24174	23.01 -0.07 -0.09	22.22 -0.04 0.00	19.49 -0.04 -0.17	18.30 -0.04 -0.25	18.30 -0.04 -0.25	18.16 -0.02 -0.32	20.06 0.00 -0.38	20.91 -0.12 -0.30	23.31 -0.05 -0.20	24.86 -0.10 -0.03	25.63 -0.10 -0.15	26.16 -0.05 -0.19	28.37 -0.06 0.00	30.32 -0.09 0.00	32.64 -0.10 0.00	33.15 -0.10 0.00	35.08 -0.14 -0.75	36.60 -0.11 -1.05	35.90 -0.18 0.00	31.59 -0.19 0.00	28.80 -0.06 0.00	28.69 0.00 0.00	25.25 0.00 -0.05	21.17 0.12 -0.27
PROJECT___ORANGE 2 24166	23.01 -0.07 -0.09	22.22 -0.04 0.00	19.49 -0.04 -0.17	18.30 -0.04 -0.25	18.30 -0.04 -0.25	18.16 -0.02 -0.32	20.06 0.00 -0.38	20.91 -0.12 -0.30	23.31 -0.05 -0.20	24.86 -0.10 -0.03	25.63 -0.10 -0.15	26.16 -0.05 -0.19	28.37 -0.06 0.00	30.32 -0.09 0.00	32.64 -0.10 0.00	33.15 -0.10 0.00	35.08 -0.14 -0.75	36.60 -0.11 -1.05	35.90 -0.18 0.00	31.59 -0.19 0.00	28.80 -0.06 0.00	28.69 0.00 0.00	25.25 0.00 -0.05	21.17 0.12 -0.27
PUCKETT___SOLAR 323809	23.80 0.51 -0.30	22.88 0.62 0.00	20.38 0.43 -0.60	19.33 0.38 -0.86	19.33 0.38 -0.87	19.37 0.41 -1.09	21.47 0.49 -1.29	22.15 0.37 -1.04	24.23 0.39 -0.68	25.40 0.37 -0.10	26.37 0.28 -0.50	26.97 0.29 -0.66	28.96 0.54 0.00	30.99 0.58 0.00	33.43 0.69 0.00	34.04 0.80 0.00	37.74 0.69 -2.58	40.12 0.85 -3.60	38.68 1.12 -1.48	34.24 1.05 -1.41	31.08 1.16 -1.07	29.84 1.15 0.00	26.18 0.81 -0.17	22.41 0.71 -0.92
PYRITES___HYD 24023	22.32 -0.67 0.00	21.57 -0.69 0.00	18.75 -0.60 0.00	17.51 -0.58 0.00	17.54 -0.54 0.00	17.29 -0.57 0.00	19.16 -0.53 0.00	20.36 -0.37 0.00	22.61 -0.56 0.00	24.43 -0.50 0.00	24.95 -0.64 0.00	25.45 -0.57 0.00	27.88 -0.54 0.00	29.89 -0.52 0.00	32.12 -0.62 0.00	32.32 -0.93 0.00	33.71 -0.76 0.00	34.67 -1.00 0.00	35.36 -0.72 0.00	31.21 -0.57 0.00	28.22 -0.63 0.00	27.80 -0.89 0.00	24.32 -0.88 0.00	19.99 -0.79 0.00

QUAKERRD_115KV_BK1 80622	22.62 -0.48 -0.11	21.71 -0.56 0.00	19.15 -0.43 -0.22	17.99 -0.42 -0.32	17.99 -0.42 -0.32	17.90 -0.38 -0.41	19.68 -0.49 -0.48	20.33 -0.79 -0.39	22.63 -0.79 -0.25	24.07 -0.90 -0.04	24.90 -0.87 -0.19	25.41 -0.86 -0.25	27.43 -0.99 0.00	29.35 -1.06 0.00	31.63 -1.11 0.00	32.15 -1.10 0.00	34.26 -1.17 -0.96	35.94 -1.07 -1.34	35.12 -1.37 -0.41	31.13 -1.05 -0.39	28.38 -0.78 -0.30	28.09 -0.60 0.00	24.74 -0.53 -0.06	20.91 -0.21 -0.34
QUENSBRY_115KV_TB8 356137	26.37 2.02 -1.35	24.18 1.91 0.00	23.63 1.61 -2.66	23.42 1.48 -3.84	23.42 1.47 -3.87	24.26 1.52 -4.88	27.19 1.73 -5.77	27.23 1.84 -4.66	28.36 2.18 -3.02	27.85 2.49 -0.43	30.32 2.51 -2.23	31.44 2.60 -2.81	30.99 2.81 0.24	33.05 2.92 0.28	35.21 3.08 0.61	36.07 3.26 0.43	47.65 3.24 -9.94	53.57 3.46 -14.45	51.58 3.64 -11.85	47.08 3.31 -11.99	41.24 3.26 -9.12	31.93 3.24 0.00	28.60 2.62 -0.77	26.85 1.97 -4.10
RAMAPO___LBMP 323565	25.17 1.22 -0.96	23.49 1.22 0.00	22.26 1.01 -1.90	21.79 0.96 -2.74	21.78 0.94 -2.76	22.27 0.93 -3.48	24.82 1.02 -4.11	25.17 1.12 -3.32	26.68 1.37 -2.15	26.91 1.67 -0.31	28.90 1.71 -1.60	29.63 1.74 -1.86	30.41 1.90 -0.09	32.63 2.01 -0.21	35.30 2.10 -0.46	35.80 2.23 -0.33	46.26 2.38 -9.42	50.72 2.39 -12.67	42.73 2.35 -4.30	37.31 1.97 -3.56	33.24 1.67 -2.70	30.50 1.81 0.00	27.47 1.71 -0.55	24.84 1.14 -2.92
RANKINE____ 23646	22.87 -0.28 -0.16	22.31 0.04 0.00	19.38 -0.29 -0.31	18.23 -0.31 -0.45	18.22 -0.33 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.26 -1.02 -0.55	22.52 -1.00 -0.35	23.86 -1.12 -0.05	24.70 -1.15 -0.26	25.25 -1.12 -0.35	27.51 -0.91 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.38 -0.86 0.00	34.00 -1.83 -1.35	35.98 -1.57 -1.89	35.30 -1.41 -0.63	31.55 -0.83 -0.59	29.05 -0.26 -0.45	28.83 0.14 0.00	24.94 -0.35 -0.09	21.30 0.04 -0.48
RAVENSWOOD_GT2_1 24244	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.74 1.51 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD_GT2_2 24245	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.74 1.51 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD_GT2_3 24246	25.61 1.61 -1.01	23.80 1.54 0.00	22.63 1.28 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.10 2.39 -2.68	31.31 2.59 -0.30	33.32 2.68 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.59 3.14 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.10 2.32 -0.58	25.43 1.58 -3.07
RAVENSWOOD_GT2_4 24247	25.61 1.61 -1.01	23.80 1.54 0.00	22.63 1.28 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.10 2.39 -2.68	31.31 2.59 -0.30	33.32 2.68 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.59 3.14 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.10 2.32 -0.58	25.43 1.58 -3.07
RAVENSWOOD_GT3_1 24248	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.31 2.59 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD_GT3_2 24249	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.31 2.59 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD_GT3_3 24250	25.64 1.63 -1.01	23.82 1.56 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.78 1.55 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.12 2.42 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.14 2.61 -3.75	33.96 2.25 -2.85	31.16 2.47 0.00	28.13 2.34 -0.58	25.45 1.60 -3.07
RAVENSWOOD_GT3_4 24251	25.64 1.63 -1.01	23.82 1.56 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.67 1.14 -3.66	25.34 1.32 -4.33	25.78 1.55 -3.49	27.37 1.95 -2.26	27.60 2.34 -0.32	29.68 2.41 -1.68	31.12 2.42 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.14 2.61 -3.75	33.96 2.25 -2.85	31.16 2.47 0.00	28.13 2.34 -0.58	25.45 1.60 -3.07
RAVENSWOOD_GT_1 23729	25.68 1.68 -1.02	23.84 1.58 0.00	22.65 1.30 -2.00	22.17 1.19 -2.88	22.16 1.17 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.82 1.60 -3.49	27.39 1.97 -2.26	29.78 2.42 -2.43	29.75 2.48 -1.68	31.21 2.50 -2.69	31.42 2.70 -0.30	33.44 2.80 -0.24	36.07 2.82 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.22 3.14 -13.41	43.78 3.14 -4.57	38.14 2.61 -3.75	33.96 2.25 -2.85	31.23 2.53 -0.01	29.12 2.42 -1.50	25.50 1.64 -3.08
RAVENSWOOD_GT_10 24258	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.44 2.29 -0.22	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.07 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD_GT_11 24259	25.59 1.59 -1.01	23.80 1.53 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.15 1.16 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.44 2.29 -0.22	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.64 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.07 2.38 0.00	28.07 2.29 -0.58	25.41 1.56 -3.07



RAVENSWOOD_GT_4 24252	25.59 1.59 -1.02	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.30 1.88 -2.26	27.53 2.27 -0.33	29.60 2.33 -1.68	31.07 2.37 -2.67	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.87 2.16 -2.85	31.08 2.38 -0.01	28.74 2.27 -1.27	25.41 1.56 -3.08
RAVENSWOOD_GT_5 24254	25.59 1.59 -1.02	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.30 1.88 -2.26	27.53 2.27 -0.33	29.60 2.33 -1.68	31.07 2.37 -2.67	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.87 2.16 -2.85	31.08 2.38 -0.01	28.74 2.27 -1.27	25.41 1.56 -3.08
RAVENSWOOD_GT_6 24253	25.59 1.59 -1.02	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.30 1.88 -2.26	27.53 2.27 -0.33	29.60 2.33 -1.68	31.07 2.37 -2.67	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.87 2.16 -2.85	31.08 2.38 -0.01	28.74 2.27 -1.27	25.41 1.56 -3.08
RAVENSWOOD_GT_7 24255	25.59 1.59 -1.02	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.30 1.88 -2.26	27.53 2.27 -0.33	29.60 2.33 -1.68	31.07 2.37 -2.67	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.87 2.16 -2.85	31.08 2.38 -0.01	28.74 2.27 -1.27	25.41 1.56 -3.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.44 2.29 -0.22	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.07 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD_GT_9 24257	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.65 1.13 -3.66	25.30 1.28 -4.33	25.76 1.53 -3.49	27.33 1.90 -2.26	27.44 2.29 -0.22	29.62 2.35 -1.68	31.07 2.37 -2.68	31.28 2.56 -0.30	33.29 2.65 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.07 2.54 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.07 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD___1 23533	25.66 1.66 -1.01	23.84 1.58 0.00	22.63 1.28 -2.00	22.15 1.18 -2.88	22.15 1.16 -2.90	22.63 1.11 -3.66	25.30 1.28 -4.33	25.80 1.57 -3.49	27.37 1.95 -2.26	28.69 2.39 -1.37	29.73 2.46 -1.68	31.21 2.50 -2.69	31.39 2.67 -0.30	33.41 2.77 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.59 3.14 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.96 2.25 -2.85	31.18 2.49 0.00	28.21 2.42 -0.59	25.48 1.62 -3.07
RAVENSWOOD___2 23534	25.66 1.66 -1.01	23.82 1.56 0.00	22.63 1.28 -2.00	22.13 1.16 -2.88	22.15 1.16 -2.90	22.61 1.09 -3.66	25.28 1.26 -4.33	25.78 1.56 -3.49	27.37 1.95 -2.26	28.69 2.39 -1.36	29.73 2.46 -1.68	31.19 2.47 -2.69	31.39 2.67 -0.30	33.38 2.74 -0.24	36.04 2.78 -0.51	36.54 2.93 -0.36	47.59 3.14 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.93 2.22 -2.85	31.18 2.49 0.00	28.19 2.40 -0.59	25.48 1.62 -3.07
RAVENSWOOD___3 23535	25.59 1.59 -1.01	23.80 1.53 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.15 1.16 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.78 1.56 -3.49	27.33 1.90 -2.26	27.55 2.29 -0.32	29.62 2.35 -1.68	31.07 2.37 -2.68	31.31 2.59 -0.30	33.29 2.64 -0.24	35.97 2.72 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.90 2.19 -2.85	31.10 2.41 0.00	28.08 2.29 -0.58	25.41 1.56 -3.07
RAVENSWOOD___4 23820	25.63 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.15 1.16 -2.90	22.61 1.09 -3.66	25.28 1.26 -4.33	25.78 1.56 -3.49	27.37 1.95 -2.26	27.61 2.37 -0.32	29.70 2.43 -1.68	31.19 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.04 2.78 -0.51	36.54 2.93 -0.36	47.59 3.14 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.93 2.22 -2.85	31.17 2.49 0.01	27.29 2.40 0.31	25.47 1.62 -3.07
RCPL_TRUST___DRP 24196	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	27.55 2.29 -0.32	29.65 2.38 -1.68	31.10 2.39 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.14 2.61 -3.75	33.90 2.19 -2.85	31.07 2.38 0.00	28.05 2.27 -0.58	25.41 1.56 -3.07
RED___ROCHESTER 323720	23.40 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.60 0.18 -0.34	18.52 0.23 -0.42	20.31 0.12 -0.50	21.07 -0.06 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.68 -0.10 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.71 -0.03 0.00	33.25 0.00 0.00	35.40 -0.07 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36
REGAN___SOLAR 323812	26.62 2.09 -1.54	24.31 2.05 0.00	24.10 1.70 -3.04	24.05 1.57 -4.39	24.07 1.57 -4.42	25.07 1.64 -5.57	28.22 1.95 -6.59	28.10 2.05 -5.31	28.92 2.32 -3.44	28.46 3.04 -0.49	30.66 2.53 -2.54	32.35 3.04 -3.28	31.58 3.32 0.16	33.87 3.65 0.19	35.67 3.34 0.42	36.61 3.66 0.30	50.22 3.69 -12.06	56.98 4.10 -17.22	51.66 4.33 -11.25	46.89 3.91 -11.20	40.95 3.58 -8.51	32.25 3.56 0.00	28.86 2.77 -0.88	27.66 2.20 -4.68
RENSSELAER___COGEN 23796	24.96 0.67 -1.30	22.91 0.65 0.00	22.46 0.54 -2.56	22.27 0.49 -3.70	22.31 0.51 -3.72	23.05 0.50 -4.69	25.79 0.55 -5.55	25.77 0.56 -4.48	26.74 0.67 -2.90	26.19 0.85 -0.41	28.60 0.87 -2.14	29.65 0.91 -2.72	29.20 0.99 0.22	31.19 1.03 0.26	33.26 1.08 0.56	34.05 1.20 0.40	45.30 1.21 -9.63	50.90 1.28 -13.96	45.20 1.26 -7.86	41.00 1.08 -8.13	36.02 0.98 -6.18	29.69 1.00 0.00	26.85 0.91 -0.74	25.34 0.62 -3.94
REPUBLIC_115KV_BARTNBRK 55605	27.51 3.17 -1.35	25.24 2.98 0.00	24.51 2.50 -2.66	24.25 2.32 -3.84	24.25 2.30 -3.87	25.12 2.38 -4.88	28.23 2.78 -5.77	28.37 2.99 -4.66	29.68 3.50 -3.02	29.42 4.06 -0.43	31.86 4.04 -2.23	33.21 4.37 -2.81	32.75 4.58 0.24	35.08 4.96 0.28	37.27 5.14 0.61	38.10 5.29 0.44	49.63 5.24 -9.92	55.51 5.42 -14.42	53.52 5.63 -11.81	48.93 5.18 -11.96	43.06 5.11 -9.09	33.85 5.16 0.00	30.06 4.08 -0.77	27.99 3.12 -4.10

REVERE_CPPR_DRP 24186	23.64 0.60 -0.05	22.84 0.58 0.00	19.94 0.48 -0.10	18.65 0.42 -0.15	18.67 0.43 -0.15	18.51 0.46 -0.19	20.54 0.63 -0.22	21.49 0.58 -0.18	23.97 0.69 -0.12	25.74 0.80 -0.02	26.44 0.77 -0.09	26.92 0.78 -0.11	29.47 1.05 0.00	31.54 1.13 0.00	34.05 1.31 0.00	34.48 1.23 0.00	36.36 1.45 -0.44	37.81 1.53 -0.61	37.81 1.73 0.00	33.28 1.49 0.00	30.33 1.47 0.00	29.92 1.23 0.00	26.22 0.98 -0.03	21.75 0.81 -0.16
REYNOLDS_115KV_TB3 80639	25.14 0.85 -1.30	23.09 0.82 0.00	22.62 0.70 -2.57	22.43 0.63 -3.70	22.45 0.63 -3.73	23.21 0.64 -4.70	25.94 0.69 -5.56	25.90 0.68 -4.49	26.93 0.86 -2.91	26.34 1.00 -0.42	28.78 1.05 -2.14	29.78 1.07 -2.69	29.36 1.19 0.26	31.32 1.22 0.30	33.36 1.28 0.66	34.18 1.40 0.47	45.27 1.41 -9.39	50.89 1.50 -13.73	45.81 1.48 -8.25	41.71 1.30 -8.63	36.57 1.15 -6.56	29.89 1.20 0.00	27.03 1.08 -0.74	25.50 0.77 -3.95
RIVERBAY____ 323610	25.89 1.89 -1.01	24.04 1.78 0.00	22.79 1.43 -2.00	22.26 1.28 -2.88	22.31 1.32 -2.90	22.70 1.18 -3.66	25.36 1.34 -4.33	25.86 1.64 -3.49	27.49 2.06 -2.26	27.91 2.67 -0.32	29.85 2.58 -1.68	31.47 2.76 -2.69	31.68 2.96 -0.30	33.72 3.07 -0.24	36.20 2.95 -0.51	36.70 3.09 -0.36	47.84 3.38 -9.99	52.40 3.32 -13.41	43.96 3.32 -4.57	38.30 2.77 -3.75	34.10 2.40 -2.85	31.39 2.70 0.00	28.39 2.60 -0.59	25.66 1.81 -3.07
RIVERSDE_115KV_TB3 55908	25.08 0.78 -1.31	23.02 0.76 0.00	22.57 0.64 -2.57	22.38 0.58 -3.71	22.40 0.58 -3.74	23.16 0.59 -4.71	25.89 0.63 -5.58	25.87 0.64 -4.50	26.86 0.79 -2.91	26.32 0.97 -0.42	28.76 1.02 -2.15	29.78 1.04 -2.72	29.35 1.17 0.24	31.35 1.22 0.28	33.38 1.24 0.61	34.18 1.36 0.43	45.39 1.38 -9.55	51.02 1.46 -13.89	45.90 1.44 -8.38	41.72 1.24 -8.69	36.59 1.13 -6.61	29.84 1.15 0.00	26.98 1.03 -0.75	25.47 0.73 -3.96
ROARING__BROOK_WT_PWR 323790	22.99 0.00 0.00	22.24 -0.02 0.00	19.28 -0.08 0.00	17.94 -0.15 0.00	17.91 -0.18 0.00	17.65 -0.21 0.00	19.39 -0.29 0.00	20.38 -0.35 0.00	22.79 -0.37 0.00	24.53 -0.40 0.00	25.15 -0.44 0.00	25.48 -0.55 0.00	27.82 -0.60 0.00	29.74 -0.67 0.00	32.05 -0.69 0.00	32.58 -0.66 0.00	33.81 -0.66 0.00	35.09 -0.57 0.00	35.39 -0.69 0.00	30.90 -0.89 0.00	27.79 -1.07 0.00	27.40 -1.29 0.00	24.02 -1.18 0.00	19.76 -1.02 0.00
ROCHESRG_115KV_T4 355643	23.13 0.02 -0.12	22.17 -0.09 0.00	19.57 -0.02 -0.23	18.39 -0.04 -0.33	18.38 -0.04 -0.33	18.30 0.02 -0.42	20.09 -0.10 -0.50	20.66 -0.48 -0.40	23.01 -0.42 -0.26	24.47 -0.50 -0.04	25.32 -0.46 -0.19	25.84 -0.44 -0.25	27.83 -0.60 0.00	29.77 -0.64 0.00	32.12 -0.62 0.00	32.68 -0.57 0.00	34.77 -0.69 -0.99	36.52 -0.53 -1.39	35.64 -0.87 -0.43	31.62 -0.57 -0.41	28.91 -0.26 -0.31	28.66 -0.03 0.00	25.27 0.00 -0.07	21.40 0.27 -0.35
ROCHESTER_9_IC 23652	23.29 0.18 -0.12	22.33 0.07 0.00	19.70 0.12 -0.23	18.51 0.09 -0.33	18.50 0.07 -0.34	18.43 0.14 -0.42	20.21 0.02 -0.50	20.80 -0.33 -0.41	23.17 -0.25 -0.26	24.64 -0.32 -0.04	25.53 -0.26 -0.19	26.05 -0.23 -0.26	28.08 -0.34 0.00	30.05 -0.36 0.00	32.41 -0.33 0.00	32.98 -0.27 0.00	35.09 -0.38 -1.00	36.85 -0.21 -1.40	36.01 -0.51 -0.43	31.94 -0.25 -0.41	29.17 0.00 -0.31	28.92 0.23 0.00	25.45 0.18 -0.07	21.57 0.44 -0.36
ROCKVIEW_13_KV_LD 356306	25.59 1.59 -1.01	23.80 1.54 0.00	22.63 1.28 -2.00	22.17 1.19 -2.88	22.18 1.19 -2.90	22.68 1.16 -3.66	25.34 1.32 -4.33	25.74 1.51 -3.49	27.28 1.85 -2.26	27.45 2.19 -0.32	29.55 2.28 -1.68	31.02 2.32 -2.68	31.25 2.53 -0.30	33.29 2.65 -0.24	36.00 2.75 -0.51	36.50 2.89 -0.36	47.56 3.10 -9.99	52.22 3.14 -13.41	43.78 3.14 -4.57	38.14 2.61 -3.75	33.96 2.25 -2.85	31.10 2.41 0.00	28.03 2.24 -0.58	25.41 1.56 -3.07
ROME____115KV_TB2 80656	23.64 0.60 -0.05	22.84 0.58 0.00	19.94 0.48 -0.10	18.65 0.42 -0.15	18.67 0.43 -0.15	18.51 0.46 -0.19	20.54 0.63 -0.22	21.49 0.58 -0.18	23.97 0.69 -0.12	25.74 0.80 -0.02	26.44 0.77 -0.09	26.92 0.78 -0.11	29.47 1.05 0.00	31.54 1.13 0.00	34.05 1.31 0.00	34.48 1.23 0.00	36.36 1.45 -0.44	37.81 1.53 -0.61	37.81 1.73 0.00	33.28 1.49 0.00	30.33 1.47 0.00	29.92 1.23 0.00	26.22 0.98 -0.03	21.75 0.81 -0.16
ROSETON__1 23587	25.22 1.22 -1.01	23.46 1.20 0.00	22.36 1.01 -2.00	21.93 0.96 -2.88	21.93 0.94 -2.90	22.45 0.93 -3.66	25.02 1.00 -4.33	25.34 1.12 -3.49	26.77 1.34 -2.26	26.87 1.62 -0.32	28.93 1.66 -1.68	30.12 1.69 -2.41	30.50 1.88 -0.21	32.57 1.95 -0.21	35.24 2.03 -0.46	35.74 2.16 -0.33	46.64 2.31 -9.86	51.26 2.32 -13.28	42.87 2.31 -4.48	37.45 1.94 -3.72	33.36 1.67 -2.83	30.47 1.78 0.00	27.44 1.66 -0.58	25.02 1.16 -3.07
ROSETON__2 23588	25.22 1.22 -1.01	23.46 1.20 0.00	22.36 1.01 -2.00	21.93 0.96 -2.88	21.93 0.94 -2.90	22.45 0.93 -3.66	25.02 1.00 -4.33	25.34 1.12 -3.49	26.77 1.34 -2.26	26.87 1.62 -0.32	28.93 1.66 -1.68	30.12 1.69 -2.41	30.50 1.88 -0.21	32.57 1.95 -0.21	35.24 2.03 -0.46	35.74 2.16 -0.33	46.64 2.31 -9.86	51.26 2.32 -13.28	42.87 2.31 -4.48	37.45 1.94 -3.72	33.36 1.67 -2.83	30.47 1.78 0.00	27.44 1.66 -0.58	25.02 1.16 -3.07
ROTTTRDAM_115KV_TB3 80664	25.42 1.06 -1.37	23.29 1.02 0.00	22.93 0.87 -2.70	22.80 0.81 -3.89	22.80 0.80 -3.92	23.61 0.80 -4.94	26.44 0.91 -5.85	26.36 0.91 -4.72	27.31 1.09 -3.06	26.66 1.30 -0.44	29.15 1.30 -2.26	30.27 1.35 -2.89	29.71 1.48 0.19	31.73 1.55 0.23	33.89 1.64 0.49	34.66 1.76 0.35	46.62 1.76 -10.40	52.52 1.89 -14.96	50.69 1.91 -12.70	46.13 1.68 -12.66	40.05 1.56 -9.63	30.27 1.58 0.00	27.35 1.36 -0.78	25.93 1.00 -4.15
RUSSELL__1 23602	23.41 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.59 0.16 -0.34	18.50 0.21 -0.42	20.31 0.12 -0.50	20.91 -0.23 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.71 -0.08 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.68 -0.07 0.00	33.25 0.00 0.00	35.37 -0.10 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36
RUSSELL__2 23532	23.41 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.59 0.16 -0.34	18.50 0.21 -0.42	20.31 0.12 -0.50	20.91 -0.23 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.71 -0.08 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.68 -0.07 0.00	33.25 0.00 0.00	35.37 -0.10 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36
RUSSELL__3 23549	23.41 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.59 0.16 -0.34	18.50 0.21 -0.42	20.31 0.12 -0.50	20.91 -0.23 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.71 -0.08 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.68 -0.07 0.00	33.25 0.00 0.00	35.37 -0.10 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36

RUSSELL___4 23556	23.41 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.59 0.16 -0.34	18.50 0.21 -0.42	20.31 0.12 -0.50	20.91 -0.23 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.71 -0.08 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.68 -0.07 0.00	33.25 0.00 0.00	35.37 -0.10 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36
RUSSELL___STATION 23914	23.41 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.59 0.16 -0.34	18.50 0.21 -0.42	20.31 0.12 -0.50	20.91 -0.23 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.71 -0.08 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.68 -0.07 0.00	33.25 0.00 0.00	35.37 -0.10 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36
S SALMON___HYD 24043	22.88 -0.18 -0.07	22.11 -0.15 0.00	19.36 -0.13 -0.14	18.17 -0.13 -0.20	18.17 -0.13 -0.20	18.01 -0.11 -0.26	19.91 -0.08 -0.31	20.81 -0.17 -0.25	23.14 -0.19 -0.16	24.68 -0.27 -0.02	25.40 -0.31 -0.12	25.89 -0.29 -0.16	28.17 -0.26 0.00	30.08 -0.33 0.00	32.41 -0.33 0.00	32.85 -0.40 0.00	34.77 -0.31 -0.61	36.27 -0.25 -0.85	35.90 -0.18 0.00	31.63 -0.16 0.00	28.97 0.12 0.00	28.75 0.06 0.00	25.24 0.00 -0.04	21.08 0.08 -0.22
S.PERRY___115KV_TB1 80734	23.91 0.76 -0.16	23.09 0.82 0.00	20.28 0.60 -0.32	19.10 0.54 -0.47	19.08 0.52 -0.47	19.03 0.57 -0.59	20.88 0.49 -0.70	21.32 0.02 -0.57	23.55 0.02 -0.37	24.93 -0.05 -0.05	25.73 -0.13 -0.27	26.30 -0.08 -0.36	28.45 0.03 0.00	30.41 0.00 0.00	32.71 -0.03 0.00	33.61 0.37 0.00	35.97 0.10 -1.40	37.97 0.36 -1.95	37.12 0.40 -0.65	33.13 0.73 -0.62	30.45 1.13 -0.47	30.01 1.32 0.00	26.20 0.91 -0.09	22.27 1.00 -0.50
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.80 -0.34 -0.15	22.08 -0.18 0.00	19.33 -0.33 -0.30	18.16 -0.36 -0.43	18.14 -0.38 -0.44	18.18 -0.23 -0.55	19.78 -0.55 -0.65	20.13 -1.12 -0.52	22.37 -1.14 -0.34	23.71 -1.27 -0.05	24.51 -1.33 -0.25	25.05 -1.30 -0.33	27.11 -1.31 0.00	29.04 -1.37 0.00	31.30 -1.44 0.00	31.88 -1.36 0.00	33.66 -2.10 -1.30	35.58 -1.89 -1.81	34.72 -1.95 -0.59	31.04 -1.30 -0.56	28.59 -0.69 -0.43	28.46 -0.23 0.00	24.81 -0.48 -0.09	21.22 -0.02 -0.46
SAWYER___23_KV_LOAD 55526	22.80 -0.34 -0.15	22.08 -0.18 0.00	19.33 -0.33 -0.30	18.16 -0.36 -0.43	18.14 -0.38 -0.44	18.18 -0.23 -0.55	19.78 -0.55 -0.65	20.13 -1.12 -0.52	22.37 -1.14 -0.34	23.71 -1.27 -0.05	24.51 -1.33 -0.25	25.05 -1.30 -0.33	27.11 -1.31 0.00	29.04 -1.37 0.00	31.30 -1.44 0.00	31.88 -1.36 0.00	33.66 -2.10 -1.30	35.58 -1.89 -1.81	34.72 -1.95 -0.59	31.04 -1.30 -0.56	28.59 -0.69 -0.43	28.46 -0.23 0.00	24.81 -0.48 -0.09	21.22 -0.02 -0.46
SELKIRK___I 23801	25.19 0.92 -1.28	23.15 0.89 0.00	22.62 0.75 -2.51	22.42 0.70 -3.63	22.44 0.70 -3.65	23.16 0.70 -4.60	25.90 0.77 -5.45	25.89 0.77 -4.40	26.91 0.90 -2.85	26.41 1.07 -0.41	28.79 1.10 -2.10	29.87 1.12 -2.73	29.50 1.22 0.14	31.55 1.31 0.17	33.71 1.34 0.37	34.44 1.46 0.26	45.83 1.45 -9.91	51.40 1.57 -14.17	44.47 1.59 -6.81	40.13 1.43 -6.92	35.42 1.30 -5.26	30.01 1.32 0.00	27.09 1.16 -0.73	25.50 0.85 -3.87
SELKIRK___II 23799	25.04 0.76 -1.29	23.00 0.73 0.00	22.52 0.62 -2.55	22.35 0.58 -3.68	22.37 0.58 -3.70	23.10 0.57 -4.67	25.84 0.63 -5.52	25.83 0.64 -4.45	26.81 0.76 -2.89	26.27 0.92 -0.41	28.67 0.95 -2.13	29.76 0.99 -2.75	29.36 1.11 0.16	31.37 1.16 0.20	33.49 1.18 0.43	34.24 1.30 0.31	45.69 1.31 -9.91	51.28 1.39 -14.22	44.51 1.37 -7.06	40.21 1.21 -7.22	35.42 1.07 -5.49	29.81 1.12 0.00	26.92 0.98 -0.74	25.39 0.68 -3.92
SENECA OSWGO___HYD 24041	22.79 -0.27 -0.08	22.00 -0.27 0.00	19.30 -0.21 -0.16	18.14 -0.18 -0.23	18.12 -0.20 -0.23	17.97 -0.18 -0.29	19.83 -0.20 -0.34	20.74 -0.27 -0.28	23.04 -0.30 -0.18	24.58 -0.37 -0.03	25.31 -0.41 -0.13	25.83 -0.36 -0.17	28.02 -0.40 0.00	30.01 -0.40 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.67 -0.48 -0.68	36.11 -0.50 -0.95	35.54 -0.54 0.00	31.31 -0.48 0.00	28.57 -0.29 0.00	28.43 -0.26 0.00	25.00 -0.25 -0.05	20.96 -0.06 -0.24
SENECA___115KV_TB3 355854	22.92 -0.23 -0.16	22.35 0.09 0.00	19.42 -0.25 -0.31	18.25 -0.29 -0.45	18.23 -0.31 -0.45	18.28 -0.16 -0.57	19.91 -0.45 -0.68	20.28 -1.00 -0.55	22.57 -0.95 -0.35	23.91 -1.07 -0.05	24.72 -1.13 -0.26	25.30 -1.07 -0.35	27.57 -0.85 0.00	29.56 -0.85 0.00	31.82 -0.92 0.00	32.42 -0.83 0.00	34.07 -1.76 -1.35	36.05 -1.50 -1.89	35.37 -1.33 -0.63	31.61 -0.76 -0.59	29.08 -0.23 -0.45	28.89 0.20 0.00	24.99 -0.30 -0.09	21.34 0.08 -0.48
SENECA___ENERGY 23797	23.18 0.07 -0.12	22.37 0.11 0.00	19.66 0.06 -0.24	18.50 0.05 -0.35	18.50 0.05 -0.35	18.40 0.09 -0.45	20.33 0.12 -0.53	21.16 0.00 -0.43	23.46 0.02 -0.28	24.97 0.00 -0.04	25.77 -0.03 -0.20	26.32 0.03 -0.27	28.54 0.11 0.00	30.56 0.15 0.00	32.87 0.13 0.00	33.38 0.13 0.00	35.56 0.03 -1.06	37.28 0.14 -1.47	36.69 0.14 -0.47	32.42 0.19 -0.44	29.57 0.37 -0.34	29.12 0.43 0.00	25.47 0.20 -0.07	21.47 0.31 -0.38
SHOEMAKER___GT 23640	24.97 1.08 -0.90	23.35 1.09 0.00	22.02 0.89 -1.77	21.50 0.85 -2.56	21.49 0.83 -2.57	21.93 0.82 -3.25	24.43 0.91 -3.84	24.78 0.95 -3.10	26.31 1.13 -2.01	26.56 1.35 -0.29	28.46 1.38 -1.49	29.29 1.40 -1.86	30.09 1.56 -0.10	32.24 1.64 -0.19	34.88 1.73 -0.40	35.40 1.86 -0.29	45.19 2.00 -8.72	49.46 2.03 -11.76	42.09 2.02 -3.99	36.82 1.72 -3.32	32.91 1.53 -2.53	30.27 1.58 0.00	27.18 1.46 -0.51	24.52 1.02 -2.73
SHOEMAKR_138KV_BK 111 55601	24.94 1.06 -0.89	23.33 1.07 0.00	21.98 0.87 -1.76	21.46 0.83 -2.53	21.47 0.83 -2.55	21.88 0.80 -3.22	24.38 0.89 -3.81	24.73 0.93 -3.07	26.29 1.14 -1.99	26.56 1.35 -0.28	28.45 1.38 -1.48	29.28 1.41 -1.85	30.09 1.56 -0.11	32.27 1.67 -0.18	34.87 1.74 -0.40	35.39 1.86 -0.28	45.11 2.00 -8.64	49.35 2.03 -11.65	42.05 2.02 -3.95	36.79 1.72 -3.29	32.86 1.50 -2.50	30.24 1.55 0.00	27.17 1.46 -0.51	24.48 1.00 -2.70
SHOREHAM_IC_1 23715	34.00 2.76 -8.25	29.40 2.74 -4.40	26.99 2.30 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.16 2.09 -8.21	29.08 2.32 -7.07	33.75 2.61 -10.41	33.77 2.99 -7.62	35.07 3.42 -6.73	39.32 3.28 -10.46	41.15 3.33 -11.79	48.08 3.72 -15.93	48.29 3.89 -13.99	128.79 4.03 -92.03	135.25 4.19 -97.82	137.86 4.41 -98.98	155.26 4.60 -114.99	148.78 4.66 -108.04	152.83 4.04 -117.01	146.51 3.55 -114.11	62.32 3.82 -29.81	40.85 3.43 -12.22	40.76 2.56 -17.43
SHOREHAM_IC_2 23716	34.00 2.76 -8.25	29.40 2.74 -4.40	26.99 2.30 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.16 2.09 -8.21	29.08 2.32 -7.07	33.75 2.61 -10.41	33.77 2.99 -7.62	35.07 3.42 -6.73	39.32 3.28 -10.46	41.15 3.33 -11.79	48.08 3.72 -15.93	48.29 3.89 -13.99	128.79 4.03 -92.03	135.25 4.19 -97.82	137.86 4.41 -98.98	155.26 4.60 -114.99	148.78 4.66 -108.04	152.83 4.04 -117.01	146.51 3.55 -114.11	62.32 3.82 -29.81	40.85 3.43 -12.22	40.76 2.56 -17.43

SISSONVILLE____ 23735	21.89 -1.10 0.00	21.15 -1.11 0.00	18.39 -0.97 0.00	17.19 -0.90 0.00	17.20 -0.89 0.00	16.93 -0.93 0.00	18.74 -0.94 0.00	19.94 -0.79 0.00	22.14 -1.02 0.00	23.86 -1.07 0.00	24.44 -1.15 0.00	24.88 -1.15 0.00	27.14 -1.28 0.00	29.13 -1.28 0.00	31.40 -1.34 0.00	31.62 -1.63 0.00	32.95 -1.52 0.00	33.92 -1.75 0.00	34.53 -1.55 0.00	30.48 -1.30 0.00	27.53 -1.33 0.00	27.14 -1.55 0.00	23.74 -1.46 0.00	19.51 -1.27 0.00
SITHE_IND_GS1 24169	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.12	17.85 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.40 -0.54 -0.21	22.70 -0.60 -0.14	24.20 -0.75 -0.02	24.89 -0.79 -0.10	25.38 -0.78 -0.13	27.57 -0.85 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.25 -1.00 0.00	33.95 -1.03 -0.52	35.32 -1.07 -0.72	34.96 -1.12 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.92 -0.77 0.00	24.58 -0.66 -0.03	20.57 -0.40 -0.18
SITHE_IND_GS2 24170	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.12	17.85 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.40 -0.54 -0.21	22.70 -0.60 -0.14	24.20 -0.75 -0.02	24.89 -0.79 -0.10	25.38 -0.78 -0.13	27.57 -0.85 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.25 -1.00 0.00	33.95 -1.03 -0.52	35.32 -1.07 -0.72	34.96 -1.12 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.92 -0.77 0.00	24.58 -0.66 -0.03	20.57 -0.40 -0.18
SITHE_IND_GS3 24171	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.12	17.85 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.40 -0.54 -0.21	22.70 -0.60 -0.14	24.20 -0.75 -0.02	24.89 -0.79 -0.10	25.38 -0.78 -0.13	27.57 -0.85 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.25 -1.00 0.00	33.95 -1.03 -0.52	35.32 -1.07 -0.72	34.96 -1.12 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.92 -0.77 0.00	24.58 -0.66 -0.03	20.57 -0.40 -0.18
SITHE_IND_GS4 24172	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.44 -0.12	17.85 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.40 -0.54 -0.21	22.70 -0.60 -0.14	24.20 -0.75 -0.02	24.89 -0.79 -0.10	25.38 -0.78 -0.13	27.57 -0.85 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.25 -1.00 0.00	33.95 -1.03 -0.52	35.32 -1.07 -0.72	34.96 -1.12 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.92 -0.77 0.00	24.58 -0.66 -0.03	20.57 -0.40 -0.18
SITHE____BATAVIA 24024	23.35 0.23 -0.14	22.53 0.27 0.00	19.78 0.15 -0.27	18.57 0.09 -0.38	18.58 0.11 -0.39	18.55 0.20 -0.49	20.26 0.00 -0.58	20.89 -0.31 -0.47	23.00 -0.46 -0.30	24.45 -0.52 -0.04	25.27 -0.54 -0.22	25.88 -0.44 -0.30	27.97 -0.46 0.00	29.92 -0.49 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.76 -0.86 -1.15	36.63 -0.64 -1.61	35.84 -0.76 -0.52	31.99 -0.29 -0.49	29.35 0.12 -0.37	29.15 0.46 0.00	25.48 0.20 -0.08	21.71 0.52 -0.41
SITHE____INDEPEND 23800	22.50 -0.55 -0.06	21.73 -0.53 0.00	19.03 -0.45 -0.12	17.85 -0.42 -0.17	17.84 -0.42 -0.17	17.69 -0.39 -0.22	19.49 -0.45 -0.26	20.36 -0.58 -0.21	22.70 -0.60 -0.14	24.20 -0.75 -0.02	24.92 -0.77 -0.10	25.37 -0.78 -0.13	27.57 -0.85 0.00	29.50 -0.91 0.00	31.76 -0.98 0.00	32.28 -0.96 0.00	33.92 -1.07 -0.52	35.32 -1.07 -0.72	34.96 -1.12 0.00	30.83 -0.95 0.00	28.08 -0.78 0.00	27.91 -0.77 0.00	24.58 -0.66 -0.03	20.57 -0.39 -0.18
SITHE____MASSENA 23902	22.55 -0.44 0.00	21.82 -0.45 0.00	18.95 -0.41 0.00	17.73 -0.36 0.00	17.74 -0.34 0.00	17.47 -0.39 0.00	19.27 -0.41 0.00	20.42 -0.31 0.00	22.75 -0.42 0.00	24.51 -0.42 0.00	25.13 -0.46 0.00	25.58 -0.44 0.00	27.88 -0.54 0.00	29.89 -0.52 0.00	32.15 -0.59 0.00	32.48 -0.76 0.00	33.74 -0.73 0.00	34.85 -0.82 0.00	35.36 -0.72 0.00	31.21 -0.57 0.00	28.20 -0.66 0.00	27.92 -0.77 0.00	24.47 -0.73 0.00	20.16 -0.62 0.00
SITHE____OGDNSBRG 24021	22.51 -0.48 0.00	21.77 -0.49 0.00	18.91 -0.45 0.00	17.66 -0.43 0.00	17.69 -0.40 0.00	17.42 -0.45 0.00	19.27 -0.41 0.00	20.50 -0.23 0.00	22.75 -0.42 0.00	24.51 -0.42 0.00	25.05 -0.54 0.00	25.53 -0.49 0.00	27.91 -0.51 0.00	29.95 -0.46 0.00	32.25 -0.49 0.00	32.52 -0.73 0.00	33.88 -0.59 0.00	34.88 -0.78 0.00	35.54 -0.54 0.00	31.37 -0.41 0.00	28.37 -0.49 0.00	28.00 -0.69 0.00	24.52 -0.68 0.00	20.16 -0.62 0.00
SITHE____STERLING 23777	23.53 0.48 -0.06	22.75 0.49 0.00	19.88 0.41 -0.12	18.60 0.34 -0.17	18.62 0.36 -0.17	18.47 0.39 -0.21	20.45 0.51 -0.25	21.41 0.48 -0.20	23.85 0.56 -0.13	25.60 0.65 -0.02	26.30 0.61 -0.10	26.80 0.65 -0.13	29.27 0.85 0.00	31.32 0.91 0.00	33.76 1.02 0.00	34.24 1.00 0.00	36.11 1.14 -0.51	37.58 1.21 -0.71	37.42 1.34 0.00	32.93 1.14 0.00	29.98 1.12 0.00	29.67 0.98 0.00	26.02 0.78 -0.03	21.62 0.66 -0.18
SLEIGHT__34_KV_TB1 80719	23.66 0.55 -0.12	22.82 0.56 0.00	20.05 0.46 -0.23	18.87 0.45 -0.33	18.85 0.43 -0.33	18.75 0.46 -0.42	20.77 0.59 -0.50	21.54 0.41 -0.40	24.05 0.63 -0.26	25.69 0.72 -0.04	26.50 0.72 -0.19	27.11 0.83 -0.25	29.42 0.99 0.00	31.50 1.09 0.00	33.82 1.08 0.00	34.34 1.10 0.00	36.56 1.10 -0.99	38.29 1.25 -1.38	37.70 1.19 -0.43	33.15 0.95 -0.41	30.21 1.04 -0.31	29.72 1.03 0.00	26.05 0.78 -0.07	21.92 0.79 -0.35
SOUTH CAIRO____GT 23612	25.59 1.38 -1.22	23.67 1.40 0.00	22.82 1.06 -2.40	22.55 0.99 -3.47	22.61 1.03 -3.49	23.28 1.02 -4.40	26.05 1.16 -5.21	26.01 1.08 -4.20	27.14 1.25 -2.72	26.66 1.35 -0.39	29.03 1.43 -2.01	30.24 1.59 -2.63	30.20 1.88 0.10	32.36 2.07 0.12	34.70 2.23 0.27	35.48 2.43 0.19	46.66 2.48 -9.71	52.19 2.75 -13.77	45.09 2.49 -6.52	40.62 2.32 -6.52	36.01 2.19 -4.96	30.93 2.24 0.00	27.61 1.71 -0.70	25.70 1.23 -3.70
SOUTH HAMPTN____IC 23720	34.46 3.22 -8.25	29.85 3.18 -4.40	27.36 2.67 -5.33	23.46 2.46 -2.91	24.68 2.44 -4.15	28.50 2.43 -8.21	29.45 2.70 -7.07	34.08 3.03 -10.33	34.30 3.52 -7.62	35.65 3.99 -6.73	40.01 3.97 -10.46	41.63 4.03 -11.57	48.88 4.52 -15.93	49.14 4.74 -13.99	126.04 4.97 -88.32	132.54 5.15 -94.14	135.30 5.41 -95.42	182.01 5.63 -140.72	175.43 5.66 -133.68	178.92 4.89 -142.24	172.58 4.30 -139.42	63.04 4.53 -29.82	41.35 4.06 -12.09	41.12 3.06 -17.29
SOUTHDOW_115KV_TB1 355954	23.55 0.39 -0.17	23.04 0.78 0.00	19.90 0.21 -0.33	18.70 0.13 -0.48	18.59 0.02 -0.48	18.67 0.20 -0.61	20.35 -0.06 -0.72	20.82 -0.50 -0.58	23.24 -0.30 -0.38	24.63 -0.35 -0.05	25.51 -0.36 -0.28	25.92 -0.47 -0.37	28.34 -0.09 0.00	30.44 0.03 0.00	32.74 0.00 0.00	33.31 0.07 0.00	34.95 -0.97 -1.44	37.00 -0.68 -2.01	36.46 -0.29 -0.67	32.77 0.35 -0.64	30.18 0.84 -0.48	29.87 1.18 0.00	25.63 0.33 -0.10	21.81 0.52 -0.51
SOUTHOLD_69_KV_BK 2 55809	34.94 3.70 -8.25	30.34 3.67 -4.40	27.76 3.08 -5.33	23.84 2.84 -2.91	25.08 2.84 -4.15	28.88 2.80 -8.21	29.87 3.11 -7.07	34.52 3.46 -10.33	34.88 4.10 -7.62	36.36 4.71 -6.72	40.75 4.71 -10.45	40.43 4.89 -9.51	49.81 5.46 -15.93	50.17 5.78 -13.98	127.13 6.02 -88.36	133.64 6.22 -94.18	136.40 6.48 -95.46	184.77 6.78 -142.33	178.16 6.78 -135.30	181.56 5.91 -143.86	175.10 5.19 -141.04	63.83 5.34 -29.81	42.03 4.74 -12.09	41.73 3.66 -17.29

SOUTHOLD___IC 23719	34.94 3.70 -8.25	30.34 3.67 -4.40	27.76 3.08 -5.33	23.84 2.84 -2.91	25.08 2.84 -4.15	28.88 2.80 -8.21	29.87 3.11 -7.07	34.56 3.50 -10.33	34.88 4.10 -7.62	36.37 4.71 -6.73	40.75 4.71 -10.45	42.49 4.89 -11.58	49.81 5.46 -15.93	50.17 5.78 -13.98	127.09 5.99 -88.36	133.64 6.22 -94.18	136.40 6.48 -95.46	184.78 6.78 -142.33	178.16 6.78 -135.30	181.56 5.91 -143.86	175.09 5.19 -141.04	63.89 5.39 -29.81	42.03 4.74 -12.09	41.73 3.66 -17.29
SPIERFLS_115KV_TB 1 80737	26.11 1.77 -1.35	23.93 1.67 0.00	23.44 1.41 -2.67	23.24 1.30 -3.85	23.25 1.28 -3.87	24.07 1.32 -4.89	26.98 1.52 -5.78	26.99 1.60 -4.66	28.06 1.88 -3.02	27.53 2.17 -0.43	29.97 2.15 -2.23	31.11 2.26 -2.82	30.63 2.44 0.24	32.60 2.46 0.28	34.73 2.59 0.60	35.58 2.76 0.43	47.21 2.76 -9.98	53.11 2.96 -14.49	51.10 3.10 -11.92	46.69 2.86 -12.05	40.85 2.83 -9.16	31.50 2.81 0.00	28.27 2.29 -0.77	26.61 1.72 -4.10
ST LAWRENCE___ 23600	22.44 -0.55 0.00	21.71 -0.56 0.00	18.87 -0.48 0.00	17.64 -0.45 0.00	17.64 -0.45 0.00	17.40 -0.46 0.00	19.20 -0.49 0.00	20.32 -0.41 0.00	22.63 -0.53 0.00	24.36 -0.57 0.00	25.00 -0.59 0.00	25.43 -0.60 0.00	27.74 -0.68 0.00	29.71 -0.70 0.00	31.96 -0.79 0.00	32.32 -0.93 0.00	33.54 -0.93 0.00	34.67 -1.00 0.00	35.14 -0.94 0.00	30.99 -0.79 0.00	28.05 -0.81 0.00	27.80 -0.89 0.00	24.40 -0.81 0.00	20.07 -0.71 0.00
STATE_CA_115KV_115_LB 55624	25.11 0.80 -1.32	23.02 0.76 0.00	22.59 0.64 -2.59	22.43 0.60 -3.74	22.43 0.58 -3.77	23.20 0.59 -4.75	25.96 0.65 -5.62	25.95 0.68 -4.53	26.93 0.83 -2.94	26.37 1.02 -0.42	28.80 1.05 -2.17	29.89 1.12 -2.75	29.42 1.22 0.23	31.45 1.31 0.26	33.51 1.34 0.57	34.30 1.46 0.41	45.65 1.45 -9.73	51.31 1.53 -14.12	46.62 1.52 -9.02	42.38 1.33 -9.26	37.08 1.18 -7.04	29.92 1.23 0.00	27.01 1.06 -0.75	25.52 0.75 -3.99
STATE_ST_34_KV_LOAD 55959	23.53 0.41 -0.12	22.71 0.45 0.00	19.96 0.37 -0.24	18.80 0.36 -0.35	18.78 0.34 -0.35	18.66 0.36 -0.44	20.66 0.45 -0.52	21.46 0.31 -0.42	23.92 0.49 -0.27	25.34 0.37 -0.04	26.30 0.51 -0.20	26.71 0.42 -0.27	28.99 0.57 0.00	30.99 0.58 0.00	33.53 0.79 0.00	34.08 0.83 0.00	36.34 0.83 -1.04	38.05 0.93 -1.46	37.48 0.94 -0.46	32.99 0.76 -0.44	30.06 0.87 -0.34	29.55 0.86 0.00	25.90 0.63 -0.07	21.77 0.62 -0.37
STATION 5_MISC_HYD 23604	23.29 0.18 -0.12	22.35 0.09 0.00	19.70 0.12 -0.23	18.51 0.09 -0.33	18.51 0.09 -0.34	18.43 0.14 -0.42	20.21 0.02 -0.50	20.97 -0.17 -0.41	23.17 -0.25 -0.26	24.64 -0.32 -0.04	25.53 -0.26 -0.19	26.05 -0.23 -0.26	28.08 -0.34 0.00	30.05 -0.36 0.00	32.45 -0.30 0.00	32.98 -0.27 0.00	35.13 -0.34 -1.00	36.85 -0.21 -1.40	36.01 -0.51 -0.43	31.94 -0.26 -0.41	29.17 0.00 -0.31	28.92 0.23 0.00	25.45 0.18 -0.07	21.57 0.44 -0.36
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.31 0.21 -0.12	22.44 0.18 0.00	19.74 0.15 -0.23	18.55 0.13 -0.33	18.55 0.13 -0.34	18.46 0.18 -0.42	20.32 0.14 -0.50	21.01 -0.12 -0.40	23.43 0.00 -0.26	24.97 0.00 -0.04	25.81 0.03 -0.19	26.38 0.10 -0.26	28.54 0.11 0.00	30.53 0.12 0.00	32.87 0.13 0.00	33.41 0.17 0.00	35.50 0.03 -1.00	37.24 0.18 -1.39	36.51 0.00 -0.43	32.32 0.13 -0.41	29.49 0.32 -0.31	29.12 0.43 0.00	25.57 0.30 -0.07	21.59 0.46 -0.36
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.13 0.02 -0.12	22.17 -0.09 0.00	19.57 -0.02 -0.23	18.38 -0.04 -0.33	18.37 -0.05 -0.33	18.28 0.00 -0.42	20.09 -0.10 -0.50	20.70 -0.44 -0.40	23.08 -0.35 -0.26	24.54 -0.42 -0.04	25.42 -0.36 -0.19	25.97 -0.31 -0.25	28.02 -0.40 0.00	29.98 -0.43 0.00	32.32 -0.43 0.00	32.88 -0.37 0.00	34.98 -0.48 -0.99	36.73 -0.32 -1.38	35.89 -0.61 -0.43	31.81 -0.38 -0.41	29.02 -0.14 -0.31	28.75 0.06 0.00	25.29 0.03 -0.07	21.42 0.29 -0.35
STA_56___34_KV_BUS2 355983	23.13 0.02 -0.12	22.17 -0.09 0.00	19.57 -0.02 -0.23	18.38 -0.04 -0.33	18.37 -0.05 -0.33	18.28 0.00 -0.42	20.09 -0.10 -0.50	20.70 -0.44 -0.40	23.08 -0.35 -0.26	24.54 -0.42 -0.04	25.42 -0.36 -0.19	25.97 -0.31 -0.25	28.02 -0.40 0.00	29.98 -0.43 0.00	32.32 -0.43 0.00	32.88 -0.37 0.00	34.98 -0.48 -0.99	36.73 -0.32 -1.38	35.89 -0.61 -0.43	31.81 -0.38 -0.41	29.02 -0.14 -0.31	28.75 0.06 0.00	25.29 0.03 -0.07	21.42 0.29 -0.35
STA_67___115KV_BK2 355882	23.22 0.11 -0.12	22.28 0.02 0.00	19.66 0.08 -0.23	18.46 0.04 -0.33	18.46 0.04 -0.34	18.38 0.09 -0.42	20.17 -0.02 -0.50	20.76 -0.37 -0.40	23.10 -0.32 -0.26	24.57 -0.40 -0.04	25.45 -0.33 -0.19	25.97 -0.31 -0.26	28.00 -0.43 0.00	29.95 -0.46 0.00	32.32 -0.43 0.00	32.85 -0.40 0.00	34.99 -0.48 -1.00	36.74 -0.32 -1.40	35.86 -0.65 -0.43	31.81 -0.38 -0.41	29.08 -0.09 -0.31	28.83 0.14 0.00	25.37 0.10 -0.07	21.51 0.37 -0.36
STA_7___115KV_9TRANS 80674	23.41 0.30 -0.12	22.46 0.20 0.00	19.80 0.21 -0.23	18.60 0.18 -0.33	18.59 0.16 -0.34	18.50 0.21 -0.42	20.31 0.12 -0.50	20.91 -0.23 -0.41	23.31 -0.12 -0.26	24.77 -0.20 -0.04	25.71 -0.08 -0.19	26.20 -0.08 -0.26	28.31 -0.11 0.00	30.29 -0.12 0.00	32.68 -0.07 0.00	33.25 0.00 0.00	35.37 -0.10 -1.00	37.13 0.07 -1.40	36.30 -0.22 -0.43	32.20 0.00 -0.41	29.40 0.23 -0.31	29.12 0.43 0.00	25.62 0.35 -0.07	21.70 0.56 -0.36
STA_82___115KV_TB1 80780	23.25 0.14 -0.12	22.31 0.04 0.00	19.68 0.10 -0.23	18.48 0.05 -0.34	18.48 0.05 -0.34	18.40 0.11 -0.43	20.19 0.00 -0.50	20.76 -0.37 -0.41	23.13 -0.30 -0.26	24.59 -0.37 -0.04	25.48 -0.31 -0.20	26.00 -0.29 -0.26	28.02 -0.40 0.00	29.98 -0.43 0.00	32.35 -0.39 0.00	32.88 -0.37 0.00	35.03 -0.45 -1.01	36.75 -0.32 -1.40	35.90 -0.61 -0.44	31.85 -0.35 -0.41	29.12 -0.06 -0.31	28.86 0.17 0.00	25.40 0.13 -0.07	21.53 0.39 -0.36
STEEL___WIND 323596	22.90 -0.25 -0.16	22.31 0.04 0.00	19.40 -0.27 -0.31	18.25 -0.29 -0.45	18.23 -0.31 -0.45	18.26 -0.18 -0.57	19.89 -0.47 -0.68	20.51 -0.77 -0.55	22.55 -0.97 -0.35	23.88 -1.10 -0.05	24.70 -1.15 -0.26	25.28 -1.09 -0.35	27.54 -0.88 0.00	29.53 -0.88 0.00	31.86 -0.88 0.00	32.38 -0.86 0.00	34.07 -1.76 -1.35	35.98 -1.57 -1.89	35.34 -1.37 -0.63	31.58 -0.79 -0.59	29.05 -0.26 -0.45	28.89 0.20 0.00	24.97 -0.33 -0.09	21.32 0.06 -0.48
STEPHTWN_115KV_BK_2 55603	25.21 0.92 -1.30	23.13 0.87 0.00	22.63 0.72 -2.56	22.45 0.67 -3.70	22.48 0.67 -3.72	23.23 0.68 -4.69	26.00 0.77 -5.55	26.00 0.79 -4.48	27.01 0.95 -2.90	26.49 1.15 -0.41	28.91 1.18 -2.14	29.99 1.25 -2.72	29.57 1.36 0.22	31.61 1.46 0.26	33.66 1.47 0.56	34.48 1.63 0.40	45.75 1.65 -9.63	51.37 1.75 -13.96	45.70 1.77 -7.86	41.44 1.53 -8.13	36.43 1.39 -6.18	30.10 1.41 0.00	27.16 1.21 -0.74	25.57 0.85 -3.94
STEUBEN_REC_LFGE 323667	23.56 0.37 -0.21	22.91 0.65 0.00	20.01 0.25 -0.40	18.89 0.22 -0.58	18.87 0.20 -0.59	18.89 0.29 -0.74	20.80 0.24 -0.88	21.27 -0.17 -0.71	23.60 -0.02 -0.46	24.90 -0.10 -0.07	25.77 -0.15 -0.34	26.37 -0.10 -0.45	28.65 0.23 0.00	30.71 0.30 0.00	33.07 0.33 0.00	33.61 0.37 0.00	36.05 -0.17 -1.75	38.25 0.14 -2.44	37.39 0.47 -0.84	33.25 0.67 -0.80	30.48 1.01 -0.61	29.87 1.18 0.00	25.77 0.45 -0.12	21.96 0.56 -0.62

STONY___BROOK 24151	33.86 2.62 -8.25	29.24 2.58 -4.40	26.85 2.17 -5.33	23.00 2.01 -2.91	24.23 1.99 -4.15	28.04 1.96 -8.21	28.94 2.18 -7.07	34.17 2.49 -10.96	33.63 2.85 -7.62	34.82 3.17 -6.73	39.50 3.12 -10.79	42.37 3.07 -13.28	48.40 3.32 -16.65	48.50 3.41 -14.68	153.27 3.63 -116.89	159.64 3.79 -122.60	161.40 3.96 -122.97	153.52 4.10 -113.76	147.54 4.15 -107.31	154.23 3.53 -118.91	147.44 3.12 -115.46	63.47 3.38 -31.40	41.39 3.20 -12.98	41.32 2.35 -18.20
STURGEON_POOL_HYD 23609	25.18 1.15 -1.05	23.55 1.29 0.00	22.36 0.95 -2.06	21.96 0.90 -2.97	21.98 0.90 -2.99	22.49 0.86 -3.77	25.09 0.94 -4.46	25.34 1.02 -3.60	26.80 1.30 -2.34	26.88 1.62 -0.33	28.91 1.59 -1.74	30.22 1.82 -2.37	30.64 2.13 -0.09	32.75 2.25 -0.09	35.26 2.32 -0.19	35.88 2.49 -0.13	46.56 2.65 -9.44	51.22 2.64 -12.92	43.13 2.27 -4.78	37.99 1.88 -4.33	33.73 1.59 -3.29	30.50 1.81 0.00	27.39 1.59 -0.60	25.01 1.06 -3.17
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.04 1.13 -0.93	23.40 1.14 0.00	22.11 0.93 -1.83	21.61 0.89 -2.64	21.61 0.87 -2.65	22.07 0.86 -3.35	24.59 0.94 -3.96	24.94 1.02 -3.19	26.46 1.23 -2.07	26.77 1.55 -0.30	28.69 1.56 -1.54	29.52 1.61 -1.89	30.31 1.79 -0.10	32.49 1.89 -0.20	35.10 1.93 -0.42	35.61 2.06 -0.30	45.69 2.21 -9.01	50.05 2.25 -12.14	42.40 2.20 -4.12	37.05 1.84 -3.42	33.05 1.59 -2.60	30.35 1.66 0.00	27.29 1.56 -0.53	24.65 1.06 -2.81
SWANROAD_115KV_TB1 355699	22.40 -0.74 -0.15	21.73 -0.53 0.00	18.98 -0.66 -0.29	17.84 -0.67 -0.42	17.84 -0.67 -0.42	17.85 -0.54 -0.53	19.42 -0.89 -0.62	19.74 -1.49 -0.50	21.91 -1.58 -0.33	23.23 -1.75 -0.05	23.99 -1.84 -0.24	24.52 -1.82 -0.32	26.46 -1.96 0.00	28.28 -2.13 0.00	30.48 -2.26 0.00	31.09 -2.16 0.00	32.82 -2.90 -1.25	34.69 -2.71 -1.74	33.76 -2.89 -0.57	30.22 -2.10 -0.54	27.88 -1.39 -0.41	27.77 -0.92 0.00	24.33 -0.96 -0.08	20.85 -0.37 -0.44
SYNERGY___BIOGAS 323694	23.35 0.23 -0.14	22.53 0.27 0.00	19.78 0.15 -0.27	18.57 0.09 -0.38	18.58 0.11 -0.39	18.55 0.20 -0.49	20.26 0.00 -0.58	20.89 -0.31 -0.47	23.00 -0.46 -0.30	24.45 -0.52 -0.04	25.27 -0.54 -0.22	25.88 -0.44 -0.30	27.97 -0.46 0.00	29.92 -0.49 0.00	32.25 -0.49 0.00	32.78 -0.47 0.00	34.76 -0.86 -1.15	36.63 -0.64 -1.61	35.84 -0.76 -0.52	31.99 -0.29 -0.49	29.35 0.12 -0.37	29.15 0.46 0.00	25.48 0.20 -0.08	21.71 0.52 -0.41
SYRACUSE___ENERGY_ST1 323597	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.27 0.05 -0.36	20.21 0.10 -0.42	21.05 -0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.14 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
SYRACUSE___ENERGY_ST2 323598	23.13 0.05 -0.10	22.33 0.07 0.00	19.61 0.06 -0.20	18.43 0.05 -0.28	18.43 0.05 -0.28	18.27 0.05 -0.36	20.21 0.10 -0.42	21.05 -0.02 -0.34	23.43 0.05 -0.22	24.99 0.02 -0.03	25.75 0.00 -0.16	26.29 0.05 -0.22	28.54 0.11 0.00	30.53 0.12 0.00	32.81 0.07 0.00	33.35 0.10 0.00	35.39 0.07 -0.85	36.95 0.11 -1.18	36.50 0.07 -0.35	32.15 0.03 -0.33	29.26 0.14 -0.25	28.86 0.17 0.00	25.36 0.10 -0.06	21.29 0.21 -0.30
SYRACUSE___POWER 24017	23.07 -0.02 -0.10	22.26 0.00 0.00	19.56 0.00 -0.20	18.38 0.00 -0.29	18.38 0.00 -0.30	18.25 0.02 -0.37	20.17 0.04 -0.44	21.00 -0.08 -0.36	23.39 0.00 -0.23	24.94 -0.02 -0.03	25.71 -0.05 -0.17	26.25 0.00 -0.23	28.45 0.03 0.00	30.44 0.03 0.00	32.74 0.00 0.00	33.28 0.03 0.00	35.35 0.00 -0.88	36.93 0.04 -1.23	36.41 -0.04 -0.37	32.10 -0.03 -0.35	29.21 0.09 -0.27	28.80 0.11 0.00	25.34 0.08 -0.06	21.26 0.17 -0.31
TALLMAN___138KV_BK151 55660	25.24 1.29 -0.96	23.53 1.27 0.00	22.31 1.06 -1.89	21.81 0.99 -2.73	21.83 0.99 -2.75	22.29 0.96 -3.46	24.85 1.06 -4.10	25.22 1.18 -3.31	26.74 1.44 -2.14	26.98 1.75 -0.31	28.97 1.79 -1.59	29.70 1.82 -1.85	30.49 1.99 -0.08	32.72 2.10 -0.21	35.39 2.19 -0.46	35.90 2.33 -0.33	46.37 2.52 -9.39	50.83 2.53 -12.63	42.82 2.45 -4.29	37.40 2.07 -3.55	33.31 1.76 -2.70	30.58 1.89 0.00	27.52 1.76 -0.55	24.90 1.21 -2.91
TEALLAVE_115KV_TB7 355573	22.98 -0.09 -0.09	22.20 -0.07 0.00	19.47 -0.06 -0.17	18.28 -0.05 -0.25	18.28 -0.05 -0.25	18.14 -0.04 -0.31	20.04 -0.02 -0.37	20.88 -0.15 -0.30	23.29 -0.07 -0.19	24.83 -0.12 -0.03	25.60 -0.13 -0.14	26.13 -0.08 -0.19	28.34 -0.09 0.00	30.29 -0.12 0.00	32.61 -0.13 0.00	33.11 -0.13 0.00	35.04 -0.17 -0.74	36.55 -0.14 -1.03	35.86 -0.22 0.00	31.59 -0.19 0.00	28.80 -0.06 0.00	28.66 -0.03 0.00	25.23 -0.03 -0.05	21.15 0.10 -0.26
TELGRAPH_34_KV_EAST 80808	22.97 -0.16 -0.14	22.22 -0.04 0.00	19.46 -0.17 -0.27	18.27 -0.22 -0.40	18.27 -0.22 -0.40	18.26 -0.11 -0.50	19.93 -0.35 -0.60	20.30 -0.91 -0.48	22.57 -0.90 -0.31	23.98 -1.00 -0.04	24.77 -1.05 -0.23	25.34 -0.99 -0.30	27.40 -1.02 0.00	29.32 -1.09 0.00	31.53 -1.21 0.00	32.12 -1.13 0.00	33.97 -1.69 -1.19	35.86 -1.46 -1.66	35.00 -1.62 -0.54	31.27 -1.02 -0.51	28.75 -0.49 -0.39	28.60 -0.09 0.00	25.03 -0.25 -0.08	21.37 0.17 -0.42
TEMPLE___115KV_TB 2 55572	23.01 -0.07 -0.09	22.22 -0.04 0.00	19.49 -0.04 -0.17	18.30 -0.04 -0.25	18.30 -0.04 -0.25	18.16 -0.02 -0.32	20.06 0.00 -0.38	20.91 -0.12 -0.30	23.31 -0.05 -0.20	24.86 -0.10 -0.03	25.63 -0.10 -0.15	26.16 -0.05 -0.19	28.37 -0.06 0.00	30.32 -0.09 0.00	32.64 -0.10 0.00	33.15 -0.10 0.00	35.08 -0.14 -0.75	36.60 -0.11 -1.05	35.90 -0.18 0.00	31.59 -0.19 0.00	28.80 -0.06 0.00	28.69 0.00 0.00	25.25 0.00 -0.05	21.17 0.12 -0.27
TIANA___69_KV_BK 1 55817	34.30 3.06 -8.25	29.69 3.03 -4.40	27.24 2.55 -5.33	23.35 2.35 -2.91	24.59 2.35 -4.15	28.38 2.30 -8.21	29.34 2.58 -7.07	33.92 2.86 -10.33	34.14 3.36 -7.62	35.47 3.81 -6.72	39.80 3.76 -10.45	39.36 3.83 -9.51	48.61 4.26 -15.93	48.89 4.50 -13.98	125.78 4.68 -88.35	132.27 4.85 -94.17	135.02 5.10 -95.45	183.02 5.31 -142.04	176.42 5.34 -135.01	179.99 4.64 -143.57	173.67 4.07 -140.75	62.74 4.25 -29.81	41.15 3.86 -12.09	40.96 2.89 -17.29
TILDEN___115KV_TB1 80814	23.07 -0.02 -0.10	22.26 0.00 0.00	19.56 0.00 -0.20	18.38 0.00 -0.29	18.38 0.00 -0.30	18.25 0.02 -0.37	20.17 0.04 -0.44	21.00 -0.08 -0.36	23.39 0.00 -0.23	24.94 -0.02 -0.03	25.71 -0.05 -0.17	26.25 0.00 -0.23	28.45 0.03 0.00	30.44 0.03 0.00	32.74 0.00 0.00	33.28 0.03 0.00	35.35 0.00 -0.88	36.93 0.04 -1.23	36.41 -0.04 -0.37	32.10 -0.03 -0.35	29.21 0.09 -0.27	28.80 0.11 0.00	25.34 0.08 -0.06	21.26 0.17 -0.31
TRIGEN___CC 323695	33.13 1.89 -8.25	28.51 1.85 -4.40	26.23 1.55 -5.33	22.44 1.45 -2.91	23.67 1.43 -4.15	27.48 1.41 -8.21	28.33 1.57 -7.07	30.84 1.72 -8.39	32.87 2.08 -7.62	34.07 2.42 -6.72	33.06 2.43 -5.04	34.84 2.47 -6.34	35.13 2.73 -3.98	35.73 2.83 -2.49	36.74 2.95 -1.05	43.27 3.09 -6.93	48.79 3.31 -11.01	52.50 3.39 -13.45	44.25 3.39 -4.78	38.94 2.86 -4.29	34.75 2.48 -3.41	34.49 2.61 -3.19	34.25 2.50 -6.55	34.21 1.77 -11.66

TRINITY__115KV__4 BK 55933	25.01 0.71 -1.30	22.95 0.69 0.00	22.50 0.58 -2.57	22.32 0.52 -3.71	22.34 0.52 -3.73	23.10 0.54 -4.70	25.82 0.57 -5.56	25.80 0.58 -4.49	26.79 0.72 -2.91	26.24 0.90 -0.42	28.68 0.95 -2.15	29.71 0.96 -2.73	29.28 1.08 0.22	31.28 1.13 0.26	33.33 1.15 0.56	34.11 1.26 0.40	45.39 1.28 -9.65	51.01 1.36 -13.99	45.45 1.33 -8.04	41.27 1.18 -8.31	36.21 1.04 -6.32	29.75 1.06 0.00	26.90 0.96 -0.74	25.40 0.66 -3.95
UNION__PROCESSING_DRP 323587	23.25 0.14 -0.12	22.31 0.04 0.00	19.68 0.10 -0.23	18.48 0.05 -0.34	18.48 0.05 -0.34	18.40 0.11 -0.43	20.19 0.00 -0.51	20.79 -0.35 -0.41	23.15 -0.28 -0.26	24.59 -0.37 -0.04	25.48 -0.31 -0.20	26.00 -0.29 -0.26	28.02 -0.40 0.00	29.98 -0.43 0.00	32.35 -0.39 0.00	32.92 -0.33 0.00	35.03 -0.45 -1.01	36.79 -0.29 -1.41	35.90 -0.61 -0.44	31.88 -0.32 -0.41	29.12 -0.06 -0.32	28.86 0.17 0.00	25.42 0.15 -0.07	21.53 0.39 -0.36
UPPER HUDSON__HYD 24058	26.11 1.77 -1.35	23.93 1.67 0.00	23.43 1.41 -2.67	23.24 1.30 -3.85	23.25 1.28 -3.87	24.07 1.32 -4.89	26.98 1.52 -5.78	27.01 1.62 -4.66	28.06 1.88 -3.02	27.53 2.17 -0.43	29.97 2.15 -2.23	31.11 2.26 -2.82	30.63 2.44 0.24	32.60 2.46 0.28	34.73 2.59 0.60	35.58 2.76 0.43	47.21 2.76 -9.98	53.11 2.96 -14.49	51.10 3.10 -11.92	46.69 2.86 -12.05	40.85 2.83 -9.16	31.50 2.81 0.00	28.27 2.29 -0.77	26.61 1.72 -4.10
UPPER RAQUET__HYD 24056	21.89 -1.10 0.00	21.15 -1.11 0.00	18.39 -0.97 0.00	17.19 -0.90 0.00	17.20 -0.89 0.00	16.93 -0.93 0.00	18.74 -0.94 0.00	19.88 -0.85 0.00	22.15 -1.02 0.00	23.86 -1.07 0.00	24.44 -1.15 0.00	24.88 -1.14 0.00	27.14 -1.28 0.00	29.13 -1.28 0.00	31.40 -1.34 0.00	31.62 -1.63 0.00	32.92 -1.55 0.00	33.92 -1.75 0.00	34.53 -1.55 0.00	30.48 -1.30 0.00	27.53 -1.33 0.00	27.14 -1.55 0.00	23.74 -1.46 0.00	19.51 -1.27 0.00
VALLEY44_115KV_TB2 355964	22.34 -0.83 -0.18	22.31 0.04 0.00	18.95 -0.75 -0.35	17.85 -0.74 -0.50	17.82 -0.78 -0.51	17.90 -0.61 -0.64	19.58 -0.87 -0.76	20.06 -1.29 -0.61	22.29 -1.27 -0.40	23.52 -1.47 -0.06	24.37 -1.51 -0.29	24.88 -1.54 -0.39	27.74 -0.68 0.00	29.83 -0.58 0.00	32.19 -0.56 0.00	32.78 -0.47 0.00	33.88 -2.10 -1.51	35.85 -1.93 -2.11	35.89 -0.90 -0.71	32.08 -0.38 -0.67	29.48 0.12 -0.51	29.15 0.46 0.00	24.57 -0.73 -0.10	20.92 -0.39 -0.54
VALLEY__115KV_TB 1-4 80826	23.31 0.32 0.00	22.57 0.31 0.00	19.61 0.25 0.00	18.31 0.22 0.00	18.32 0.24 0.00	18.09 0.23 0.00	19.94 0.26 0.00	20.96 0.23 0.00	23.44 0.28 0.00	25.40 0.47 0.00	25.89 0.31 0.00	26.44 0.42 0.00	28.93 0.51 0.00	30.93 0.52 0.00	33.17 0.43 0.00	33.65 0.40 0.00	34.85 0.38 0.00	36.02 0.36 0.00	36.44 0.36 0.00	31.98 0.19 0.00	28.97 0.12 0.00	28.80 0.11 0.00	25.30 0.10 0.00	20.84 0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.48 1.13 -0.37	23.42 1.16 0.00	21.07 0.99 -0.72	20.02 0.89 -1.04	20.04 0.90 -1.05	20.12 0.93 -1.33	22.34 1.08 -1.57	23.05 1.06 -1.27	25.26 1.27 -0.82	26.44 1.40 -0.12	27.65 1.46 -0.61	28.21 1.38 -0.80	30.10 1.68 0.00	32.17 1.76 0.00	34.84 2.10 0.00	35.34 2.09 0.00	39.77 2.17 -3.13	42.28 2.25 -4.36	41.35 2.45 -2.82	36.60 2.13 -2.68	32.92 2.02 -2.04	30.58 1.89 0.00	27.03 1.61 -0.21	23.16 1.27 -1.11
VISCHER__FERRY HYD 24020	25.46 1.15 -1.32	23.35 1.09 0.00	22.89 0.93 -2.60	22.72 0.87 -3.76	22.74 0.87 -3.78	23.51 0.88 -4.77	26.27 0.94 -5.64	26.24 0.95 -4.55	27.25 1.13 -2.95	26.67 1.32 -0.42	29.09 1.33 -2.17	30.09 1.38 -2.69	29.61 1.51 0.32	31.63 1.58 0.36	33.60 1.64 0.78	34.45 1.76 0.56	45.48 1.79 -9.22	51.17 1.89 -13.62	48.18 1.91 -10.19	44.09 1.68 -10.62	38.49 1.56 -8.07	30.27 1.58 0.00	27.34 1.39 -0.76	25.82 1.04 -4.01
V_A_10_SYNC_DSASP 323832	22.82 -0.30 -0.13	21.86 -0.40 0.00	19.32 -0.29 -0.26	18.17 -0.29 -0.37	18.16 -0.31 -0.38	18.14 -0.20 -0.47	19.81 -0.43 -0.56	20.23 -0.95 -0.45	22.48 -0.97 -0.29	23.87 -1.10 -0.04	24.65 -1.15 -0.22	25.19 -1.12 -0.29	27.00 -1.42 0.00	28.89 -1.52 0.00	31.14 -1.60 0.00	31.72 -1.53 0.00	33.80 -1.79 -1.12	35.59 -1.64 -1.56	34.48 -2.09 -0.49	30.73 -1.53 -0.47	28.29 -0.92 -0.36	28.14 -0.55 0.00	24.85 -0.43 -0.08	21.18 0.00 -0.40
V_CMM_10_SYNC_DSASP 323787	22.53 -0.46 0.00	21.79 -0.47 0.00	18.93 -0.43 0.00	17.71 -0.38 0.00	17.71 -0.38 0.00	17.45 -0.41 0.00	19.25 -0.43 0.00	20.40 -0.33 0.00	22.72 -0.44 0.00	24.46 -0.47 0.00	25.10 -0.49 0.00	25.53 -0.50 0.00	27.82 -0.60 0.00	29.83 -0.58 0.00	32.09 -0.65 0.00	32.45 -0.80 0.00	33.68 -0.79 0.00	34.77 -0.89 0.00	35.29 -0.79 0.00	31.12 -0.67 0.00	28.14 -0.72 0.00	27.89 -0.80 0.00	24.47 -0.73 0.00	20.16 -0.62 0.00
V_CMP_10_SYNC_DSASP 323788	23.24 0.25 0.00	22.46 0.20 0.00	19.47 0.12 0.00	18.20 0.11 0.00	18.23 0.14 0.00	17.95 0.09 0.00	19.86 0.18 0.00	21.08 0.35 0.00	23.49 0.32 0.00	25.23 0.30 0.00	25.92 0.33 0.00	26.31 0.29 0.00	28.62 0.20 0.00	30.68 0.27 0.00	33.10 0.36 0.00	32.75 -0.50 0.00	33.85 -0.62 0.00	34.70 -0.96 0.00	35.68 -0.40 0.00	31.82 0.03 0.00	28.48 -0.38 0.00	28.03 -0.66 0.00	24.35 -0.86 0.00	19.93 -0.85 0.00
V_E_10_SYNC_DSASP 323830	24.83 1.56 -0.28	23.89 1.62 0.00	21.22 1.32 -0.55	20.06 1.18 -0.79	20.08 1.19 -0.80	20.12 1.25 -1.01	22.43 1.55 -1.19	23.16 1.47 -0.96	25.38 1.60 -0.62	26.81 1.80 -0.09	27.61 1.56 -0.46	28.27 1.64 -0.61	30.61 2.19 0.00	32.75 2.34 0.00	35.39 2.65 0.00	35.91 2.66 0.00	39.50 2.65 -2.38	41.94 2.96 -3.31	41.09 3.46 -1.55	36.28 3.02 -1.47	32.92 2.94 -1.12	31.36 2.67 0.00	27.35 1.99 -0.16	23.27 1.64 -0.85
V_F_30_NSYNC__DSASP 323816	25.90 1.56 -1.35	23.75 1.49 0.00	23.27 1.26 -2.66	23.08 1.16 -3.84	23.11 1.16 -3.86	23.91 1.18 -4.87	26.75 1.30 -5.76	26.75 1.37 -4.65	27.75 1.58 -3.01	27.18 1.82 -0.43	29.65 1.84 -2.22	30.75 1.93 -2.80	30.27 2.10 0.25	32.34 2.22 0.29	34.44 2.32 0.63	35.26 2.46 0.45	46.81 2.48 -9.86	52.66 2.64 -14.35	50.52 2.74 -11.70	46.11 2.45 -11.87	40.19 2.31 -9.03	31.01 2.32 0.00	27.94 1.97 -0.77	26.35 1.48 -4.09
V_F_30_SYNC_DSASP 323786	25.11 0.80 -1.32	23.02 0.76 0.00	22.59 0.64 -2.59	22.43 0.60 -3.74	22.43 0.58 -3.76	23.20 0.59 -4.75	25.95 0.65 -5.62	25.92 0.66 -4.53	26.93 0.83 -2.93	26.37 1.02 -0.42	28.80 1.05 -2.17	29.89 1.12 -2.75	29.42 1.22 0.22	31.45 1.31 0.26	33.51 1.34 0.57	34.27 1.43 0.41	45.64 1.45 -9.72	51.30 1.53 -14.10	46.54 1.52 -8.94	42.30 1.33 -9.18	37.02 1.18 -6.98	29.92 1.23 0.00	27.01 1.06 -0.75	25.51 0.75 -3.99
V_XM_10_SYNC_DSASP 323789	23.24 0.25 0.00	22.46 0.20 0.00	19.47 0.12 0.00	18.20 0.11 0.00	18.23 0.14 0.00	17.95 0.09 0.00	19.86 0.18 0.00	21.08 0.35 0.00	23.49 0.32 0.00	25.23 0.30 0.00	25.92 0.33 0.00	26.31 0.29 0.00	28.62 0.20 0.00	30.68 0.27 0.00	33.10 0.36 0.00	32.75 -0.50 0.00	33.85 -0.62 0.00	34.70 -0.96 0.00	35.68 -0.40 0.00	31.82 0.03 0.00	28.48 -0.38 0.00	28.03 -0.66 0.00	24.35 -0.86 0.00	19.93 -0.85 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.31 1.36 -0.97	23.60 1.34 0.00	22.36 1.10 -1.91	21.89 1.05 -2.75	21.91 1.05 -2.77	22.37 1.02 -3.49	24.94 1.12 -4.13	25.29 1.22 -3.33	26.80 1.48 -2.16	27.03 1.79 -0.31	29.03 1.84 -1.60	29.73 1.87 -1.83	30.57 2.07 -0.07	32.78 2.16 -0.21	35.47 2.26 -0.47	36.01 2.43 -0.33	46.52 2.59 -9.47	51.01 2.60 -12.74	42.97 2.56 -4.33	37.49 2.13 -3.57	33.42 1.85 -2.72	30.64 1.95 0.00	27.57 1.81 -0.55	24.96 1.25 -2.93
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.59 1.59 -1.01	23.80 1.54 0.00	22.61 1.26 -2.00	22.15 1.18 -2.88	22.17 1.18 -2.90	22.67 1.14 -3.66	25.32 1.30 -4.33	25.76 1.53 -3.49	27.35 1.92 -2.26	27.55 2.29 -0.32	29.65 2.38 -1.68	31.10 2.39 -2.68	31.34 2.61 -0.30	33.35 2.71 -0.24	36.04 2.78 -0.51	36.57 2.96 -0.36	47.63 3.17 -9.99	52.29 3.21 -13.41	43.82 3.17 -4.57	38.14 2.61 -3.75	33.90 2.19 -2.85	31.07 2.38 0.00	28.05 2.27 -0.58	25.41 1.56 -3.07
W50THST__13_KV_LOAD 356117	25.70 1.70 -1.01	23.91 1.65 0.00	22.71 1.35 -2.00	22.24 1.27 -2.88	22.26 1.27 -2.90	22.75 1.23 -3.66	25.43 1.42 -4.33	25.90 1.68 -3.49	27.51 2.08 -2.26	27.75 2.49 -0.32	29.85 2.58 -1.68	31.33 2.63 -2.68	31.56 2.84 -0.30	33.60 2.95 -0.24	36.30 3.04 -0.51	36.84 3.23 -0.36	47.90 3.45 -9.99	52.57 3.50 -13.41	44.07 3.43 -4.57	38.36 2.83 -3.75	34.10 2.40 -2.85	31.21 2.52 0.00	28.18 2.39 -0.58	25.54 1.68 -3.07
WADING RIVER_IC_1 23522	34.02 2.78 -8.25	29.42 2.76 -4.40	27.01 2.32 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.18 2.11 -8.21	29.10 2.34 -7.07	33.69 2.63 -10.32	33.79 3.01 -7.62	35.10 3.44 -6.73	39.38 3.32 -10.47	40.97 3.38 -11.56	48.14 3.75 -15.97	48.36 3.92 -14.02	124.96 4.06 -88.16	131.45 4.22 -93.98	134.19 4.45 -95.27	165.55 4.63 -125.25	158.97 4.69 -118.21	162.57 4.04 -126.74	156.33 3.55 -123.93	62.40 3.82 -29.90	40.76 3.48 -12.08	40.63 2.58 -17.27
WADING RIVER_IC_2 23547	34.02 2.78 -8.25	29.42 2.76 -4.40	27.01 2.32 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.18 2.11 -8.21	29.10 2.34 -7.07	33.69 2.63 -10.32	33.79 3.01 -7.62	35.10 3.44 -6.73	39.38 3.32 -10.47	40.97 3.38 -11.56	48.14 3.75 -15.97	48.36 3.92 -14.02	124.96 4.06 -88.16	131.45 4.22 -93.98	134.19 4.45 -95.27	165.55 4.63 -125.25	158.97 4.69 -118.21	162.57 4.04 -126.74	156.33 3.55 -123.93	62.40 3.82 -29.90	40.76 3.48 -12.08	40.63 2.58 -17.27
WADING RIVER_IC_3 23601	34.02 2.78 -8.25	29.42 2.76 -4.40	27.01 2.32 -5.33	23.13 2.13 -2.91	24.36 2.12 -4.15	28.18 2.11 -8.21	29.10 2.34 -7.07	33.69 2.63 -10.32	33.79 3.01 -7.62	35.10 3.44 -6.73	39.38 3.32 -10.47	40.97 3.38 -11.56	48.14 3.75 -15.97	48.36 3.92 -14.02	124.96 4.06 -88.16	131.45 4.22 -93.98	134.19 4.45 -95.27	165.55 4.63 -125.25	158.97 4.69 -118.21	162.57 4.04 -126.74	156.33 3.55 -123.93	62.40 3.82 -29.90	40.76 3.48 -12.08	40.63 2.58 -17.27
WALDENNY_I2_KV_BK2 80841	22.92 -0.23 -0.16	22.33 0.07 0.00	19.41 -0.25 -0.31	18.25 -0.29 -0.45	18.23 -0.31 -0.45	18.27 -0.16 -0.57	19.91 -0.45 -0.67	20.28 -1.00 -0.54	22.57 -0.95 -0.35	23.91 -1.07 -0.05	24.75 -1.10 -0.26	25.33 -1.04 -0.34	27.54 -0.88 0.00	29.53 -0.88 0.00	31.79 -0.95 0.00	32.38 -0.86 0.00	34.05 -1.76 -1.34	36.00 -1.53 -1.87	35.29 -1.41 -0.62	31.54 -0.83 -0.59	29.04 -0.26 -0.45	28.83 0.14 0.00	24.99 -0.30 -0.09	21.34 0.08 -0.48
WALDEN__HYDRO 24148	25.34 1.38 -0.98	23.62 1.36 0.00	22.38 1.10 -1.92	21.91 1.05 -2.77	21.91 1.03 -2.79	22.40 1.02 -3.52	24.97 1.12 -4.16	25.27 1.18 -3.36	26.78 1.44 -2.18	26.94 1.70 -0.31	28.95 1.74 -1.62	30.01 1.79 -2.19	30.55 1.99 -0.14	32.71 2.13 -0.18	35.35 2.23 -0.38	35.91 2.40 -0.27	46.37 2.59 -9.32	50.90 2.64 -12.60	42.96 2.60 -4.29	37.67 2.26 -3.63	33.58 1.96 -2.76	30.70 2.01 0.00	27.60 1.84 -0.56	25.00 1.27 -2.96
WARRENSBURG____ 23737	26.11 1.77 -1.35	23.93 1.67 0.00	23.43 1.41 -2.67	23.24 1.30 -3.85	23.25 1.28 -3.87	24.07 1.32 -4.89	26.98 1.52 -5.78	27.01 1.62 -4.66	28.06 1.88 -3.02	27.53 2.17 -0.43	29.97 2.15 -2.23	31.11 2.26 -2.82	30.63 2.44 0.24	32.60 2.46 0.28	34.73 2.59 0.60	35.58 2.76 0.43	47.21 2.76 -9.98	53.11 2.96 -14.49	51.10 3.10 -11.92	46.69 2.86 -12.05	40.85 2.83 -9.16	31.50 2.81 0.00	28.27 2.29 -0.77	26.61 1.72 -4.10
WATERSIDE____6 8 9 23538	25.63 1.63 -1.01	23.82 1.56 0.00	22.61 1.26 -2.00	22.13 1.16 -2.88	22.17 1.18 -2.90	22.61 1.09 -3.66	25.28 1.26 -4.33	25.76 1.53 -3.49	27.37 1.95 -2.26	27.61 2.37 -0.32	29.70 2.43 -1.68	31.18 2.47 -2.69	31.37 2.64 -0.30	33.38 2.74 -0.24	36.04 2.78 -0.51	36.54 2.93 -0.36	47.59 3.14 -9.99	52.18 3.10 -13.41	43.75 3.10 -4.57	38.10 2.57 -3.75	33.93 2.22 -2.85	31.18 2.50 0.01	27.29 2.39 0.31	25.47 1.62 -3.07
WATKINRD_115KV_LN8_ILLION 55919	23.24 0.25 0.00	22.51 0.24 0.00	19.55 0.19 0.00	18.27 0.18 0.00	18.27 0.18 0.00	18.04 0.18 0.00	19.88 0.20 0.00	20.90 0.17 0.00	23.37 0.21 0.00	25.25 0.32 0.00	25.82 0.23 0.00	26.31 0.29 0.00	28.76 0.34 0.00	30.78 0.36 0.00	33.07 0.33 0.00	33.58 0.33 0.00	34.78 0.31 0.00	35.99 0.32 0.00	36.40 0.32 0.00	32.01 0.22 0.00	29.03 0.17 0.00	28.86 0.17 0.00	25.33 0.13 0.00	20.88 0.10 0.00
WATSON__69_KV_BK 1 55734	33.98 2.74 -8.25	29.36 2.69 -4.40	26.95 2.26 -5.33	23.10 2.10 -2.91	24.34 2.10 -4.15	28.15 2.07 -8.21	29.06 2.30 -7.07	32.66 2.55 -9.38	33.75 2.96 -7.62	35.02 3.37 -6.72	36.54 3.28 -7.68	37.35 3.36 -7.97	41.98 3.75 -9.81	42.37 3.86 -8.10	81.87 3.93 -45.20	87.82 4.09 -50.48	91.94 4.31 -53.16	88.09 4.46 -47.97	80.98 4.47 -40.43	80.71 3.88 -45.05	75.50 3.41 -43.24	48.53 3.67 -16.17	40.39 3.43 -11.76	40.30 2.56 -16.97
WDELAWARE__HYD 323627	24.93 1.06 -0.88	23.31 1.05 0.00	21.94 0.85 -1.73	21.40 0.81 -2.50	21.40 0.79 -2.52	21.80 0.77 -3.17	24.31 0.87 -3.75	24.65 0.89 -3.03	26.48 1.32 -2.00	26.76 1.55 -0.29	28.69 1.61 -1.49	29.67 1.64 -2.01	30.42 1.90 -0.09	32.56 2.04 -0.11	35.31 2.32 -0.25	35.88 2.46 -0.17	45.48 2.72 -8.29	49.01 2.25 -11.10	42.24 2.24 -3.92	37.10 1.87 -3.44	33.12 1.64 -2.62	30.32 1.63 0.00	27.22 1.51 -0.50	24.46 1.02 -2.67
WEST BABYLON__IC 23714	33.79 2.55 -8.25	29.16 2.49 -4.40	26.78 2.09 -5.33	22.95 1.95 -2.91	24.19 1.95 -4.15	27.99 1.91 -8.21	28.90 2.15 -7.07	31.75 2.36 -8.66	33.56 2.78 -7.62	34.84 3.19 -6.72	34.41 3.10 -5.72	35.90 3.17 -6.70	37.46 3.55 -5.48	38.03 3.68 -3.94	48.89 3.70 -12.44	54.49 3.82 -17.42	59.67 4.03 -21.17	63.10 4.17 -23.27	55.54 4.19 -15.28	52.22 3.62 -16.81	47.81 3.20 -15.75	38.67 3.44 -6.53	36.87 3.23 -8.44	36.76 2.39 -13.59
WEST CANADA__HYD 24049	23.10 0.12 0.00	22.37 0.11 0.00	19.45 0.10 0.00	18.16 0.07 0.00	18.16 0.07 0.00	17.93 0.07 0.00	19.77 0.08 0.00	20.79 0.06 0.00	23.23 0.07 0.00	25.03 0.10 0.00	25.66 0.08 0.00	26.10 0.08 0.00	28.54 0.11 0.00	30.53 0.12 0.00	32.87 0.13 0.00	33.41 0.17 0.00	34.57 0.10 0.00	35.77 0.11 0.00	36.19 0.11 0.00	31.88 0.10 0.00	28.94 0.09 0.00	28.75 0.06 0.00	25.28 0.08 0.00	20.82 0.04 0.00



WESTERN_NY_WIND 24143	23.33 0.21 -0.14	22.48 0.22 0.00	19.74 0.12 -0.27	18.55 0.07 -0.39	18.55 0.07 -0.39	18.52 0.16 -0.49	20.23 -0.04 -0.58	20.85 -0.35 -0.47	22.96 -0.51 -0.31	24.40 -0.57 -0.04	25.23 -0.59 -0.23	25.80 -0.52 -0.30	27.91 -0.51 0.00	29.86 -0.55 0.00	32.18 -0.56 0.00	32.71 -0.53 0.00	34.67 -0.96 -1.17	36.58 -0.71 -1.63	35.78 -0.83 -0.53	31.93 -0.35 -0.50	29.29 0.06 -0.38	29.09 0.40 0.00	25.43 0.15 -0.08	21.67 0.48 -0.41
WESTOVER___LESR 323668	23.49 0.21 -0.30	22.60 0.33 0.00	20.10 0.15 -0.59	19.08 0.14 -0.85	19.08 0.14 -0.85	19.12 0.18 -1.07	21.13 0.18 -1.27	21.78 0.02 -1.03	23.94 0.12 -0.66	25.15 0.12 -0.09	26.18 0.10 -0.49	26.80 0.13 -0.65	28.73 0.31 0.00	30.81 0.40 0.00	33.17 0.43 0.00	33.75 0.50 0.00	37.25 0.24 -2.54	39.56 0.36 -3.54	37.85 0.47 -1.30	33.50 0.48 -1.24	30.41 0.61 -0.94	29.38 0.69 0.00	25.78 0.40 -0.17	22.08 0.39 -0.90
WETHRSFD_WT_PWR 323626	23.01 -0.16 -0.18	22.33 0.07 0.00	19.51 -0.19 -0.35	18.38 -0.22 -0.50	18.38 -0.22 -0.51	18.38 -0.12 -0.64	20.09 -0.35 -0.75	20.70 -0.64 -0.61	22.77 -0.79 -0.39	24.06 -0.92 -0.06	24.88 -1.00 -0.29	25.42 -0.99 -0.39	27.57 -0.85 0.00	29.56 -0.85 0.00	31.89 -0.85 0.00	32.42 -0.83 0.00	34.46 -1.52 -1.51	36.48 -1.28 -2.10	35.70 -1.08 -0.71	31.85 -0.60 -0.67	29.25 -0.11 -0.51	28.92 0.23 0.00	25.10 -0.20 -0.10	21.36 0.04 -0.54
WHAVSTOR_138KV_BK127 55557	25.22 1.26 -0.97	23.51 1.25 0.00	22.31 1.05 -1.91	21.84 0.99 -2.76	21.84 0.98 -2.77	22.31 0.95 -3.50	24.87 1.04 -4.14	25.23 1.16 -3.34	26.72 1.39 -2.16	26.93 1.70 -0.31	28.93 1.74 -1.61	29.59 1.74 -1.83	30.43 1.93 -0.07	32.63 2.01 -0.22	35.30 2.10 -0.47	35.81 2.23 -0.33	46.37 2.41 -9.49	50.85 2.43 -12.76	42.80 2.38 -4.34	37.33 1.97 -3.58	33.25 1.67 -2.72	30.50 1.81 0.00	27.47 1.71 -0.55	24.86 1.14 -2.94
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.22 1.26 -0.97	23.51 1.25 0.00	22.31 1.05 -1.91	21.84 0.99 -2.76	21.84 0.98 -2.77	22.31 0.95 -3.50	24.87 1.04 -4.14	25.23 1.16 -3.34	26.72 1.39 -2.16	26.93 1.70 -0.31	28.93 1.74 -1.61	29.59 1.74 -1.83	30.43 1.93 -0.07	32.63 2.01 -0.22	35.30 2.10 -0.47	35.81 2.23 -0.33	46.37 2.41 -9.49	50.85 2.43 -12.76	42.80 2.38 -4.34	37.33 1.97 -3.58	33.25 1.67 -2.72	30.50 1.81 0.00	27.47 1.71 -0.55	24.86 1.14 -2.94
WHITEHAL_115KV_TB1 80871	26.75 2.41 -1.35	24.53 2.27 0.00	23.91 1.90 -2.66	23.69 1.75 -3.84	23.69 1.74 -3.87	24.54 1.80 -4.88	27.54 2.09 -5.77	27.60 2.22 -4.66	28.80 2.62 -3.02	28.30 2.94 -0.43	30.83 3.02 -2.23	31.93 3.10 -2.81	31.48 3.30 0.24	33.59 3.47 0.28	35.86 3.73 0.61	36.70 3.89 0.44	48.32 3.93 -9.92	54.22 4.14 -14.42	52.22 4.33 -11.81	47.72 3.97 -11.96	41.88 3.92 -9.09	32.62 3.93 0.00	29.10 3.13 -0.77	27.25 2.37 -4.10
WHITEPLN_13_KV_LOAD 356215	25.59 1.59 -1.01	23.80 1.54 0.00	22.64 1.30 -1.99	22.18 1.21 -2.88	22.19 1.21 -2.89	22.69 1.18 -3.65	25.32 1.32 -4.32	25.73 1.51 -3.48	27.27 1.85 -2.26	27.62 2.37 -0.32	29.54 2.28 -1.68	31.21 2.50 -2.69	31.48 2.76 -0.30	33.50 2.86 -0.24	36.07 2.82 -0.51	36.54 2.93 -0.36	47.57 3.14 -9.96	52.22 3.17 -13.38	43.77 3.14 -4.55	38.16 2.64 -3.73	33.95 2.25 -2.84	31.10 2.41 0.00	28.02 2.24 -0.58	25.40 1.56 -3.07
WM_FLOYD_69_KV_BK2 356380	33.93 2.69 -8.25	29.33 2.67 -4.40	26.95 2.26 -5.33	23.08 2.08 -2.91	24.32 2.08 -4.15	28.13 2.05 -8.21	29.04 2.28 -7.07	33.61 2.53 -10.35	33.73 2.94 -7.62	34.99 3.34 -6.72	39.17 3.20 -10.38	38.94 3.25 -9.66	47.82 3.64 -15.76	48.04 3.80 -13.83	126.17 3.90 -89.53	132.62 4.06 -95.32	135.30 4.27 -96.56	222.62 4.46 -182.50	216.09 4.51 -175.50	219.88 3.88 -184.22	213.66 3.43 -181.37	61.74 3.61 -29.44	40.72 3.35 -12.17	40.62 2.47 -17.37
WOODARD___115KV_TB2 355635	22.94 -0.14 -0.09	22.15 -0.11 0.00	19.43 -0.10 -0.17	18.25 -0.09 -0.25	18.25 -0.09 -0.25	18.11 -0.07 -0.32	20.00 -0.06 -0.37	20.85 -0.19 -0.30	23.24 -0.12 -0.20	24.78 -0.17 -0.03	25.53 -0.20 -0.14	26.06 -0.16 -0.19	28.25 -0.17 0.00	30.23 -0.18 0.00	32.55 -0.20 0.00	33.05 -0.20 0.00	34.97 -0.24 -0.75	36.49 -0.21 -1.04	35.79 -0.29 0.00	31.53 -0.25 0.00	28.74 -0.12 0.00	28.60 -0.09 0.00	25.15 -0.10 -0.05	21.11 0.06 -0.27
YORK___WARBASSE 23770	25.80 1.79 -1.02	23.95 1.69 0.00	22.71 1.35 -2.00	22.22 1.25 -2.88	22.24 1.25 -2.90	22.65 1.13 -3.66	25.32 1.30 -4.33	25.82 1.60 -3.49	27.46 2.04 -2.26	35.17 2.52 -7.72	29.85 2.56 -1.70	31.32 2.60 -2.69	31.51 2.79 -0.30	33.54 2.89 -0.24	36.20 2.95 -0.51	36.74 3.13 -0.36	47.80 3.34 -9.99	52.36 3.28 -13.41	43.93 3.28 -4.57	38.30 2.77 -3.75	34.13 2.42 -2.85	31.46 2.70 -0.07	34.64 2.57 -6.87	25.64 1.77 -3.09