

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																			--- Marginal Cost of Congestion				08/20/2023	
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		
24138		20.54	18.87	18.17	17.55	16.62	16.43	16.36	16.29	17.10	17.78	20.18	21.06	22.30	23.34	25.21	27.13	35.14	42.08	45.89	40.75	32.43	29.90	26.35	24.40	
		0.43	0.43	0.43	0.44	0.38	0.33	0.43	0.48	0.54	0.84	1.08	1.31	1.56	1.57	1.65	1.93	2.01	1.87	2.23	1.63	1.56	1.61	1.48	1.22	
		-12.21	-10.32	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.41	-3.36	-2.02	-0.68	0.00	0.00	-1.28	-0.53	-5.64	-13.05	-9.33	-12.46	-3.07	-3.51	-2.08	-0.52	
74TH STREET_GT_1		20.55	18.88	18.18	17.55	16.62	16.43	16.35	16.27	17.08	17.75	20.17	21.04	22.30	23.30	25.19	27.08	35.11	42.02	45.82	40.75	32.41	29.90	26.33	24.38	
24260		0.43	0.44	0.44	0.44	0.38	0.32	0.42	0.46	0.52	0.81	1.06	1.30	1.56	1.52	1.63	1.88	1.98	1.82	2.16	1.63	1.53	1.61	1.46	1.20	
		-12.21	-10.32	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.41	-3.36	-2.02	-0.68	0.00	0.00	-1.28	-0.53	-5.64	-13.05	-9.33	-12.46	-3.07	-3.51	-2.08	-0.52	
74TH STREET_GT_2		20.55	18.88	18.18	17.55	16.62	16.43	16.35	16.27	17.08	17.75	20.17	21.04	22.30	23.30	25.19	27.08	35.11	42.02	45.82	40.75	32.41	29.90	26.33	24.38	
24261		0.43	0.44	0.44	0.44	0.38	0.32	0.42	0.46	0.52	0.81	1.06	1.30	1.56	1.52	1.63	1.88	1.98	1.82	2.16	1.63	1.53	1.61	1.46	1.20	
		-12.21	-10.32	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.41	-3.36	-2.02	-0.68	0.00	0.00	-1.28	-0.53	-5.64	-13.05	-9.33	-12.46	-3.07	-3.51	-2.08	-0.52	
ADK HUDSON___FALLS		23.83	21.65	20.73	19.91	18.81	18.86	18.37	18.17	19.05	18.64	20.46	20.97	22.07	23.25	25.35	26.92	36.80	43.50	46.87	44.34	34.50	31.45	27.33	25.06	
24011		0.49	0.49	0.48	0.47	0.49	0.45	0.49	0.50	0.53	0.81	0.82	1.05	1.33	1.48	1.45	1.58	2.17	2.31	3.16	2.61	2.81	2.23	1.91	1.74	
		-15.44	-13.05	-12.03	-11.14	-9.95	-11.07	-9.31	-8.91	-9.36	-4.25	-2.56	-0.87	0.00	0.00	-1.62	-0.67	-7.13	-14.03	-9.38	-15.07	-3.89	-4.43	-2.63	-0.65	
ADK RESOURCE___RCVRY		23.92	21.73	20.81	19.99	18.88	18.94	18.45	18.25	19.14	18.78	20.62	21.16	22.30	23.49	25.60	27.22	37.16	43.87	47.41	44.77	34.94	31.77	27.61	25.35	
23798		0.57	0.56	0.55	0.54	0.56	0.51	0.57	0.58	0.62	0.95	0.97	1.24	1.56	1.72	1.69	1.87	2.53	2.66	3.68	3.04	3.25	2.55	2.19	2.04	
		-15.45	-13.06	-12.04	-11.15	-9.95	-11.07	-9.32	-8.91	-9.37	-4.25	-2.56	-0.87	0.00	0.00	-1.62	-0.67	-7.13	-14.05	-9.40	-15.08	-3.89	-4.44	-2.63	-0.65	
ADK S GLENS___FALLS		23.83	21.65	20.73	19.91	18.81	18.86	18.37	18.17	19.05	18.64	20.46	20.97	22.07	23.25	25.35	26.92	36.80	43.50	46.87	44.34	34.50	31.45	27.33	25.06	
24028		0.49	0.49	0.48	0.47	0.49	0.45	0.49	0.50	0.53	0.81	0.82	1.05	1.33	1.48	1.45	1.58	2.17	2.31	3.16	2.61	2.81	2.23	1.91	1.74	
		-15.44	-13.05	-12.03	-11.14	-9.95	-11.07	-9.31	-8.91	-9.36	-4.25	-2.56	-0.87	0.00	0.00	-1.62	-0.67	-7.13	-14.03	-9.38	-15.07	-3.89	-4.43	-2.63	-0.65	
ADK_NYS___DAM		23.03	20.94	20.08	19.30	18.22	18.24	17.79	17.60	18.48	18.08	20.10	20.52	21.49	22.60	24.71	26.21	35.33	40.50	43.54	41.90	32.75	30.08	26.24	24.06	
23527		0.24	0.24	0.26	0.26	0.27	0.22	0.25	0.25	0.29	0.41	0.55	0.63	0.75	0.83	0.87	0.89	0.96	1.06	1.37	1.07	1.19	1.02	0.91	0.77	
		-14.89	-12.58	-11.61	-10.75	-9.59	-10.67	-8.98	-8.59	-9.03	-4.09	-2.47	-0.83	0.00	0.00	-1.57	-0.65	-6.87	-12.29	-7.83	-14.18	-3.75	-4.28	-2.54	-0.63	
AIR_PRODUCTS___DRP		22.87	20.77	19.90	19.11	18.05	18.11	17.64	17.43	18.29	17.81	19.64	20.05	21.00	22.08	24.16	25.67	34.78	41.31	44.09	41.70	32.04	29.44	25.65	23.49	
24190		0.02	0.02	0.03	0.03	0.06	0.05	0.06	0.05	0.07	0.12	0.09	0.15	0.25	0.30	0.31	0.35	0.38	0.43	0.55	0.43	0.47	0.37	0.32	0.20	
		-14.94	-12.63	-11.64	-10.78	-9.63	-10.71	-9.01	-8.62	-9.06	-4.11	-2.47	-0.84	0.00	0.00	-1.57	-0.65	-6.90	-13.72	-9.21	-14.62	-3.76	-4.29	-2.55	-0.63	
AKWESSNE_115KV_BK		0.77	0.77	0.77	0.78	0.78	0.76	0.78	1.24	1.24	1.54	1.57	3.08	3.08	3.09	3.09	2.17	2.31	5.61	5.17	4.13	1.68	1.58	1.57	1.57	
355683		-1.51	-1.57	-1.55	-1.58	-1.60	-1.40	-1.61	-1.64	-1.68	-2.58	-3.19	-3.60	-3.96	-4.11	-4.14	-4.61	-4.95	-4.75	-5.80	-4.42	-4.64	-4.16	-4.03	-4.06	
		5.62	5.78	5.90	5.94	5.99	5.18	6.18	5.89	6.24	9.46	12.32	12.38	13.70	14.57	15.05	17.89	20.24	16.79	23.36	18.10	21.48	19.04	17.18	17.04	
ALBANY___1		22.87	20.77	19.90	19.11	18.05	18.11	17.64	17.43	18.29	17.81	19.64	20.05	21.00	22.08	24.16	25.67	34.78	41.31	44.09	41.70	32.04	29.44	25.65	23.49	
23571		0.02	0.02	0.03	0.03	0.06	0.05	0.06	0.05	0.07	0.12	0.09	0.15	0.25	0.30	0.31	0.35	0.38	0.43	0.55	0.43	0.47	0.37	0.32	0.20	
		-14.94	-12.63	-11.64	-10.78	-9.63	-10.71	-9.01	-8.62	-9.06	-4.11	-2.47	-0.84	0.00	0.00	-1.57	-0.65	-6.90	-13.72	-9.21	-14.62	-3.76	-4.29	-2.55	-0.63	
ALBANY___2		22.87	20.77	19.90	19.11	18.05	18.11	17.64	17.43	18.29	17.81	19.64	20.05	21.00	22.08	24.16	25.67	34.78	41.31	44.09	41.70	32.04	29.44	25.65	23.49	
23572		0.02	0.02	0.03	0.03	0.06	0.05	0.06	0.05	0.07	0.12	0.09	0.15	0.25	0.30	0.31	0.35	0.38	0.43	0.55	0.43	0.47	0.37	0.32	0.20	
		-14.94	-12.63	-11.64	-10.78	-9.63	-10.71	-9.01	-8.62	-9.06	-4.11	-2.47	-0.84	0.00	0.00	-1.57	-0.65	-6.90	-13.72	-9.21	-14.62	-3.76	-4.29	-2.55	-0.63	
ALBANY___3		22.87	20.77	19.90	19.11	18.05	18.11	17.64	17.43	18.29	17.81	19.64	20.05	21.00	22.08	24.16	25.67	34.78	41.31	44.09	41.70	32.04	29.44	25.65	23.49	
23573		0.02	0.02	0.03	0.03	0.06	0.05	0.06	0.05	0.07	0.12	0.09	0.15	0.25	0.30	0.31	0.35	0.38	0.43	0.55	0.43	0.47	0.37	0.32	0.20	
		-14.94	-12.63	-11.64	-10.78	-9.63	-10.71	-9.01	-8.62	-9.06	-4.11	-2.47	-0.84	0.00	0.00	-1.57	-0.65	-6.90	-13.72	-9.21	-14.62	-3.76	-4.29	-2.55	-0.63	

ALBANY___4 23574	22.87 0.02 -14.94	20.77 0.02 -12.63	19.90 0.03 -11.64	19.11 0.03 -10.78	18.05 0.06 -9.63	18.11 0.05 -10.71	17.64 0.06 -9.01	17.43 0.05 -8.62	18.29 0.07 -9.06	17.81 0.12 -4.11	19.64 0.09 -2.47	20.05 0.15 -0.84	21.00 0.25 0.00	22.08 0.30 0.00	24.16 0.31 -1.57	25.67 0.35 -0.65	34.78 0.38 -6.90	41.31 0.43 -13.72	44.09 0.55 -9.21	41.70 0.43 -14.62	32.04 0.47 -3.76	29.44 0.37 -4.29	25.65 0.32 -2.55	23.49 0.20 -0.63
ALBANY___LFGE 323615	23.10 0.11 -15.08	20.98 0.11 -12.75	20.10 0.12 -11.76	19.31 0.12 -10.89	18.22 0.14 -9.72	18.28 0.12 -10.81	17.81 0.15 -9.10	17.59 0.13 -8.70	18.46 0.16 -9.14	17.98 0.26 -4.15	19.85 0.27 -2.50	20.27 0.36 -0.85	21.27 0.52 0.00	22.34 0.57 0.00	24.47 0.60 -1.59	25.97 0.64 -0.66	35.20 0.74 -6.96	41.72 0.79 -13.78	44.56 1.00 -9.23	42.19 0.80 -14.74	32.46 0.86 -3.80	29.81 0.69 -4.33	25.95 0.59 -2.57	23.77 0.48 -0.64
ALCOA_PA_115KV_PL-6C 55860	0.49 -1.48 5.94	0.49 -1.53 6.10	0.48 -1.51 6.23	0.48 -1.54 6.27	0.48 -1.56 6.32	0.51 -1.37 5.47	0.47 -1.58 6.52	0.93 -1.59 6.23	0.92 -1.63 6.61	1.06 -2.53 9.99	0.96 -3.13 13.00	2.42 -3.51 13.13	2.43 -3.86 14.46	2.34 -4.01 15.43	2.32 -4.03 15.93	1.32 -4.49 18.86	1.34 -4.81 21.34	4.70 -4.56 17.90	3.97 -5.60 24.76	3.20 -4.26 19.19	0.71 -4.48 22.62	0.74 -3.99 20.05	0.79 -3.90 18.10	0.79 -3.92 17.95
ALCOA_RYNLDS___DRP 24188	0.49 -1.48 5.94	0.49 -1.53 6.10	0.48 -1.51 6.23	0.48 -1.54 6.27	0.48 -1.56 6.32	0.51 -1.37 5.47	0.47 -1.58 6.52	0.93 -1.59 6.23	0.92 -1.63 6.61	1.06 -2.53 9.99	0.96 -3.13 13.00	2.42 -3.51 13.13	2.43 -3.86 14.46	2.34 -4.01 15.43	2.32 -4.03 15.93	1.32 -4.49 18.86	1.34 -4.81 21.34	4.70 -4.56 17.90	3.97 -5.60 24.76	3.20 -4.26 19.19	0.71 -4.48 22.62	0.74 -3.99 20.05	0.79 -3.90 18.10	0.79 -3.92 17.95
ALCOA___DSASP 323711	0.49 -1.48 5.94	0.49 -1.53 6.10	0.48 -1.51 6.23	0.48 -1.54 6.27	0.48 -1.56 6.32	0.51 -1.37 5.47	0.47 -1.58 6.52	0.93 -1.59 6.23	0.92 -1.63 6.61	1.06 -2.53 9.99	0.96 -3.13 13.00	2.42 -3.51 13.13	2.43 -3.86 14.46	2.34 -4.01 15.43	2.32 -4.03 15.93	1.27 -4.54 18.86	1.34 -4.81 21.34	4.70 -4.56 17.90	3.97 -5.59 24.76	3.22 -4.24 19.19	0.71 -4.48 22.62	0.74 -3.99 20.05	0.79 -3.90 18.10	0.79 -3.92 17.95
ALLEGHENY___COGEN 23514	10.50 0.47 -2.13	10.40 0.49 -1.80	10.35 0.47 -1.66	10.32 0.49 -1.54	10.25 0.52 -1.37	9.33 0.46 -1.53	10.28 0.44 -1.28	10.28 0.29 -1.23	10.46 0.01 -1.29	14.07 -0.09 -0.59	17.11 -0.33 -0.35	18.74 -0.44 -0.12	20.31 -0.44 0.00	21.38 -0.39 0.00	22.19 -0.31 -0.22	24.52 -0.25 -0.09	28.23 -0.25 -0.98	29.49 0.24 -2.09	36.74 0.96 -1.45	30.06 1.28 -2.12	30.01 1.67 -0.54	26.81 1.41 -0.61	24.36 1.21 -0.36	24.11 1.36 -0.09
ALTAMONT_115KV_TB 2 55880	22.99 0.16 -14.93	20.90 0.16 -12.62	20.03 0.16 -11.64	19.24 0.17 -10.78	18.16 0.18 -9.62	18.21 0.15 -10.70	17.75 0.18 -9.01	17.55 0.18 -8.61	18.40 0.19 -9.05	17.97 0.29 -4.11	19.90 0.34 -2.47	20.32 0.42 -0.84	21.29 0.54 0.00	22.36 0.59 0.00	24.47 0.62 -1.57	26.01 0.69 -0.65	35.16 0.77 -6.89	41.94 0.79 -14.00	44.82 1.00 -9.49	42.15 0.80 -14.69	32.40 0.83 -3.76	29.79 0.72 -4.29	25.97 0.64 -2.55	23.81 0.52 -0.63
ALTONA_WT_PWR 323606	0.53 -1.64 5.74	0.52 -1.70 5.90	0.51 -1.69 6.03	0.51 -1.72 6.07	0.53 -1.71 6.12	0.57 -1.48 5.29	0.56 -1.70 6.31	1.07 -1.67 6.02	1.09 -1.68 6.38	1.37 -2.55 9.66	1.42 -3.09 12.58	2.96 -3.43 12.67	3.00 -3.76 13.99	2.98 -3.90 14.89	2.98 -3.92 15.38	1.95 -4.47 18.26	2.11 -4.73 20.66	5.46 -4.48 17.21	4.95 -5.49 23.89	3.88 -4.27 18.51	1.30 -4.59 21.91	1.22 -4.14 19.42	1.18 -4.08 17.53	1.15 -4.12 17.38
AMERICAN_REF_FUEL 24010	9.95 0.12 -1.92	9.95 0.21 -1.62	9.97 0.26 -1.50	9.99 0.31 -1.39	9.99 0.38 -1.24	9.07 0.35 -1.38	9.95 0.23 -1.16	9.92 0.05 -1.11	10.15 -0.17 -1.16	13.92 -0.19 -0.53	16.94 -0.46 -0.32	18.56 -0.61 -0.11	20.17 -0.58 0.00	21.14 -0.63 0.00	21.79 -0.69 -0.20	24.06 -0.69 -0.08	27.28 -1.10 -0.89	27.87 -1.17 -1.89	34.02 -1.61 -1.31	27.42 -1.15 -1.91	27.29 -1.00 -0.48	24.64 -0.69 -0.55	22.57 -0.55 -0.33	22.51 -0.23 -0.08
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.42 0.36 -2.15	10.25 0.32 -1.82	10.19 0.29 -1.68	10.17 0.32 -1.55	10.09 0.34 -1.39	9.18 0.29 -1.54	10.14 0.28 -1.30	10.19 0.18 -1.24	10.50 0.04 -1.30	14.35 0.18 -0.59	17.53 0.09 -0.36	19.24 0.06 -0.12	21.12 0.37 0.00	22.16 0.39 0.00	22.57 0.07 -0.23	25.31 0.54 -0.09	28.46 -0.03 -0.99	29.38 0.11 -2.11	35.83 0.03 -1.46	28.93 0.13 -2.14	28.59 0.25 -0.54	25.67 0.27 -0.62	23.43 0.27 -0.37	23.23 0.48 -0.09
ARTHUR_KILL_GT_1 23520	20.53 0.41 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.53 0.41 -8.82	16.57 0.33 -7.87	16.29 0.20 -8.75	16.19 0.27 -7.36	16.10 0.30 -7.04	16.92 0.37 -7.40	17.53 0.60 -3.35	19.92 0.82 -2.01	20.82 1.09 -0.68	22.00 1.27 0.01	23.00 1.24 0.01	24.92 1.36 -1.28	26.80 1.60 -0.52	34.72 1.59 -5.63	41.66 1.47 -13.04	45.37 1.72 -9.32	40.37 1.25 -12.46	32.09 1.22 -3.07	29.67 1.39 -3.50	26.11 1.25 -2.07	24.17 1.00 -0.52
ARTHUR_KILL_2 23512	20.51 0.39 -12.21	18.82 0.38 -10.32	18.11 0.37 -9.52	17.50 0.39 -8.82	16.54 0.31 -7.87	16.28 0.18 -8.75	16.17 0.25 -7.36	16.08 0.28 -7.04	16.89 0.34 -7.40	17.49 0.56 -3.35	19.87 0.77 -2.01	20.77 1.03 -0.68	21.94 1.20 0.01	22.94 1.17 0.01	24.85 1.29 -1.28	26.73 1.53 -0.52	34.64 1.51 -5.63	41.55 1.36 -13.04	45.23 1.58 -9.32	40.26 1.15 -12.46	32.01 1.14 -3.07	29.60 1.31 -3.50	26.05 1.18 -2.07	24.10 0.93 -0.52
ARTHUR_KILL_3 23513	20.47 0.35 -12.21	18.79 0.35 -10.32	18.09 0.35 -9.52	17.47 0.36 -8.82	16.53 0.30 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.01 0.90 -2.02	20.87 1.12 -0.68	22.09 1.35 0.00	23.12 1.35 0.00	24.99 1.43 -1.28	26.88 1.68 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.37 1.72 -9.33	40.37 1.25 -12.46	32.07 1.19 -3.07	29.60 1.31 -3.51	26.12 1.25 -2.08	24.17 1.00 -0.52
ARTHUR_KILL_COGEN 323718	20.53 0.41 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.53 0.41 -8.82	16.57 0.33 -7.87	16.29 0.20 -8.75	16.19 0.27 -7.36	16.10 0.30 -7.04	16.92 0.37 -7.40	17.53 0.60 -3.35	19.92 0.82 -2.01	20.82 1.09 -0.68	22.00 1.27 0.01	23.00 1.24 0.01	24.92 1.36 -1.28	26.80 1.60 -0.52	34.72 1.59 -5.63	41.66 1.47 -13.04	45.37 1.72 -9.32	40.37 1.25 -12.46	32.09 1.22 -3.07	29.67 1.39 -3.50	26.11 1.25 -2.07	24.17 1.00 -0.52
ASHOKAN____ 23654	21.38 -0.02 -13.49	19.46 -0.06 -11.40	18.67 -0.07 -10.51	17.95 -0.08 -9.74	16.94 -0.12 -8.69	16.92 -0.10 -9.67	16.56 -0.14 -8.14	16.39 -0.15 -7.78	17.19 -0.15 -8.18	17.07 -0.22 -3.71	19.03 -0.29 -2.23	19.86 0.04 -0.76	20.98 0.23 0.00	22.05 0.28 0.00	23.74 0.04 -1.42	25.83 0.57 -0.59	34.14 0.41 -6.23	42.19 1.79 -13.25	46.03 2.54 -9.16	40.87 0.77 -13.44	31.89 0.70 -3.39	29.20 0.54 -3.87	25.43 0.34 -2.30	23.37 0.14 -0.57

ASTORIA_EAST_ENERGY_CC1 323581	20.57 0.44 -12.22	18.90 0.45 -10.33	18.20 0.45 -9.53	17.59 0.47 -8.82	16.65 0.41 -7.88	16.42 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.98 0.42 -7.41	17.63 0.69 -3.36	20.06 0.96 -2.02	21.00 1.26 -0.68	21.99 1.24 0.00	22.98 1.22 0.01	24.87 1.31 -1.28	26.73 1.53 -0.52	34.67 1.54 -5.64	41.59 1.38 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.63 1.34 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
ASTORIA_EAST_ENERGY_CC2 323582	20.58 0.45 -12.22	18.90 0.45 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.02 1.28 -0.68	21.99 1.24 0.00	22.98 1.22 0.01	24.87 1.31 -1.28	26.73 1.53 -0.52	34.67 1.54 -5.64	41.59 1.38 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.63 1.34 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
ASTORIA_GT2_1 24094	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT2_2 24095	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT2_3 24096	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT2_4 24097	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT3_1 24098	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT3_2 24099	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT3_3 24100	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT3_4 24101	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT4_1 24102	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT4_2 24103	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT4_3 24104	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT4_4 24105	20.58 0.45 -12.22	18.92 0.47 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.00 1.26 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.88 1.31 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	31.99 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.16 -0.52
ASTORIA_GT_1 23523	20.58 0.46 -12.22	18.92 0.47 -10.33	18.22 0.47 -9.53	17.61 0.49 -8.82	16.67 0.43 -7.88	16.44 0.33 -8.76	16.33 0.40 -7.37	16.22 0.41 -7.05	17.00 0.44 -3.41	17.66 0.72 -3.36	20.10 0.99 -2.02	21.04 1.30 -0.68	22.03 1.29 0.00	23.05 1.28 0.01	24.92 1.36 -1.28	26.80 1.60 -0.52	34.76 1.62 -5.64	41.67 1.47 -13.05	45.30 1.65 -9.32	40.34 1.23 -12.46	32.04 1.17 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.35 1.18 -0.52

ASTORIA_GT_10 24110	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.83 1.63 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
ASTORIA_GT_11 24225	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.83 1.63 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
ASTORIA_GT_12 24226	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.83 1.63 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
ASTORIA_GT_13 24227	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.83 1.63 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
ASTORIA_GT_5 24106	20.58 0.46 -12.22	18.92 0.47 -10.33	18.22 0.47 -9.53	17.61 0.49 -8.82	16.67 0.43 -7.88	16.44 0.33 -8.76	16.33 0.40 -7.37	16.22 0.41 -7.05	17.00 0.44 -7.41	17.66 0.72 -3.36	20.10 0.99 -2.02	21.04 1.30 -0.68	22.03 1.29 0.00	23.05 1.28 0.01	24.92 1.36 -1.28	26.80 1.60 -0.52	34.76 1.62 -5.64	41.67 1.47 -13.05	45.30 1.65 -9.32	40.34 1.23 -12.46	32.04 1.17 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.35 1.18 -0.52
ASTORIA_GT_7 24107	20.58 0.46 -12.22	18.92 0.47 -10.33	18.22 0.47 -9.53	17.61 0.49 -8.82	16.67 0.43 -7.88	16.44 0.33 -8.76	16.33 0.40 -7.37	16.22 0.41 -7.05	17.00 0.44 -7.41	17.66 0.72 -3.36	20.10 0.99 -2.02	21.04 1.30 -0.68	22.03 1.29 0.00	23.05 1.28 0.01	24.92 1.36 -1.28	26.80 1.60 -0.52	34.76 1.62 -5.64	41.67 1.47 -13.05	45.30 1.65 -9.32	40.34 1.23 -12.46	32.04 1.17 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.35 1.18 -0.52
ASTORIA_GT_8 24108	20.59 0.46 -12.22	18.93 0.49 -10.33	18.22 0.47 -9.53	17.61 0.49 -8.82	16.67 0.43 -7.88	16.43 0.33 -8.76	16.33 0.40 -7.37	16.22 0.41 -7.05	17.00 0.44 -7.41	17.66 0.72 -3.36	20.10 0.99 -2.02	21.04 1.30 -0.68	22.10 1.35 0.00	23.06 1.28 0.00	24.92 1.36 -1.28	26.78 1.58 -0.53	34.76 1.62 -5.64	41.67 1.47 -13.05	45.31 1.65 -9.33	40.35 1.23 -12.46	32.05 1.17 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.35 1.18 -0.52
ASTORIA___2 24149	20.58 0.45 -12.22	18.90 0.45 -10.33	18.21 0.46 -9.53	17.59 0.47 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.20 0.39 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.08 0.97 -2.02	21.02 1.28 -0.68	21.99 1.24 0.00	23.00 1.24 0.01	24.87 1.31 -1.28	26.75 1.56 -0.52	34.70 1.57 -5.64	41.62 1.41 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.33 1.15 -0.52
ASTORIA___3 23516	20.51 0.40 -12.21	18.84 0.40 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.08 1.33 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.86 1.65 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.37 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
ASTORIA___4 23517	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.83 1.63 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
ASTORIA___5 23518	20.51 0.40 -12.21	18.84 0.40 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.08 1.33 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.86 1.65 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.37 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
AST_ENERGY_2_CC3 323677	20.49 0.37 -12.21	18.81 0.37 -10.32	18.11 0.37 -9.52	17.49 0.38 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.89 1.14 -0.68	22.12 1.37 0.00	23.14 1.37 0.00	25.01 1.45 -1.28	26.90 1.70 -0.53	34.87 1.73 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.48 1.36 -12.46	32.18 1.31 -3.07	29.68 1.39 -3.51	26.17 1.30 -2.08	24.22 1.04 -0.52
AST_ENERGY_2_CC4 323678	20.49 0.37 -12.21	18.81 0.37 -10.32	18.11 0.37 -9.52	17.49 0.38 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.89 1.14 -0.68	22.12 1.37 0.00	23.14 1.37 0.00	25.01 1.45 -1.28	26.90 1.70 -0.53	34.87 1.73 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.48 1.36 -12.46	32.18 1.31 -3.07	29.68 1.39 -3.51	26.17 1.30 -2.08	24.22 1.04 -0.52
ATHENS_STG_1 23668	21.50 0.21 -13.39	19.65 0.21 -11.32	18.88 0.21 -10.44	18.18 0.22 -9.67	17.20 0.21 -8.63	17.13 0.18 -9.60	16.87 0.22 -8.08	16.71 0.23 -7.73	17.53 0.26 -8.12	17.64 0.38 -3.68	19.80 0.50 -2.22	20.40 0.59 -0.75	21.47 0.73 0.00	22.53 0.76 0.00	24.49 0.80 -1.41	26.17 0.91 -0.58	34.67 0.99 -6.18	41.59 0.92 -13.51	44.91 1.13 -9.45	40.95 0.85 -13.44	32.06 0.89 -3.37	29.45 0.82 -3.85	25.80 0.73 -2.28	23.81 0.59 -0.57
ATHENS_STG_2 23670	21.50 0.21 -13.39	19.65 0.21 -11.32	18.88 0.21 -10.44	18.18 0.22 -9.67	17.20 0.21 -8.63	17.13 0.18 -9.60	16.87 0.22 -8.08	16.71 0.23 -7.73	17.53 0.26 -8.12	17.64 0.38 -3.68	19.80 0.50 -2.22	20.40 0.59 -0.75	21.47 0.73 0.00	22.53 0.76 0.00	24.49 0.80 -1.41	26.17 0.91 -0.58	34.67 0.99 -6.18	41.59 0.92 -13.51	44.91 1.13 -9.45	40.95 0.85 -13.44	32.06 0.89 -3.37	29.45 0.82 -3.85	25.80 0.73 -2.28	23.81 0.59 -0.57

ATHENS_STG_3 23677	21.50	19.65	18.88	18.18	17.20	17.13	16.87	16.71	17.53	17.64	19.80	20.40	21.47	22.53	24.49	26.17	34.67	41.59	44.91	40.95	32.06	29.45	25.80	23.81
	0.21	0.21	0.21	0.22	0.21	0.18	0.22	0.23	0.26	0.38	0.50	0.59	0.73	0.76	0.80	0.91	0.99	0.92	1.13	0.85	0.89	0.82	0.73	0.59
	-13.39	-11.32	-10.44	-9.67	-8.63	-9.60	-8.08	-7.73	-8.12	-3.68	-2.22	-0.75	0.00	0.00	-1.41	-0.58	-6.18	-13.51	-9.45	-13.44	-3.37	-3.85	-2.28	-0.57
AUBURN____LFGE 323710	9.64	9.59	9.59	9.56	9.51	8.60	9.65	9.85	10.28	14.25	17.66	19.47	21.08	22.19	22.85	25.16	28.75	29.29	36.17	28.80	28.82	25.71	23.47	23.22
	0.14	0.13	0.12	0.12	0.12	0.11	0.13	0.17	0.16	0.23	0.31	0.32	0.33	0.41	0.40	0.42	0.52	0.57	0.76	0.56	0.61	0.47	0.41	0.50
	-1.59	-1.35	-1.24	-1.15	-1.03	-1.14	-0.96	-0.92	-0.97	-0.44	-0.26	-0.09	0.00	0.00	-0.17	-0.07	-0.74	-1.57	-1.08	-1.59	-0.40	-0.46	-0.27	-0.07
BABYLON_RES_REC 323704	24.31	19.07	18.34	17.67	16.71	16.52	16.50	16.48	17.59	20.42	23.64	27.75	29.04	33.24	33.85	37.06	37.78	45.92	48.94	42.79	37.76	36.81	32.79	30.50
	0.62	0.63	0.59	0.56	0.48	0.41	0.57	0.67	0.73	1.11	1.35	1.60	1.83	1.85	1.92	2.29	2.39	2.31	2.88	2.16	2.25	2.08	1.91	1.70
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.73	-5.20	-7.09	-6.46	-9.62	-9.66	-10.09	-7.89	-16.46	-11.72	-13.98	-7.71	-9.94	-8.09	-6.15
BABYLON__69_KV_BK2 356345	24.42	19.20	18.44	17.78	16.81	16.61	16.60	16.59	17.72	20.63	23.87	28.05	29.79	34.68	35.50	41.42	46.34	60.10	62.27	51.29	43.66	41.22	33.21	30.84
	0.74	0.75	0.70	0.66	0.58	0.50	0.67	0.78	0.86	1.32	1.59	1.91	2.20	2.22	2.32	2.69	2.80	2.72	3.36	2.53	2.78	2.53	2.28	2.04
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.73	-5.20	-7.09	-6.84	-10.68	-10.90	-14.06	-16.04	-30.23	-24.58	-22.10	-13.08	-13.91	-8.14	-6.15
BARON_WINDS____WT_PWR 323822	10.78	10.58	10.50	10.44	10.32	9.48	10.37	10.44	10.81	14.36	17.50	19.17	20.91	21.97	22.54	25.11	28.69	29.81	36.20	29.43	28.68	25.68	23.36	22.95
	0.17	0.18	0.17	0.19	0.21	0.19	0.18	0.12	0.02	0.04	-0.03	-0.04	0.17	0.20	-0.02	0.32	-0.05	0.00	0.03	0.08	0.20	0.12	0.11	0.18
	-2.70	-2.29	-2.11	-1.95	-1.74	-1.94	-1.63	-1.56	-1.64	-0.74	-0.45	-0.15	0.00	0.00	-0.28	-0.12	-1.25	-2.66	-1.84	-2.69	-0.68	-0.78	-0.46	-0.11
BARRETT_IC_1 23704	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_10 23701	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_11 23702	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_12 23703	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_2 23705	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_3 23706	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_4 23707	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_5 23708	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_6 23709	24.21	18.98	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.50	32.48	33.06	35.85	35.19	42.17	45.90	40.78	34.65	34.45	32.45	30.19
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.43	1.46	1.54	1.83	1.92	1.82	2.23	1.65	1.58	1.54	1.59	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.74	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.34	-12.47	-5.26	-8.13	-8.07	-6.15
BARRETT_IC_7 23710	24.21	18.99	18.25	17.59	16.63	16.45	16.42	16.40	17.50	20.28	23.41	27.37	28.53	32.48	33.06	35.83	35.19	42.17	45.89	40.78	34.65	34.45	32.45	30.18
	0.52	0.54	0.50	0.47	0.39	0.35	0.49	0.59	0.64	0.96	1.13	1.22	1.45	1.46	1.54	1.80	1.92	1.82	2.23	1.65	1.58	1.54	1.60	1.38
	-15.78	-10.33	-9.52	-8.82	-7.87	-8.76	-7.37	-7.05	-7.70	-5.73	-5.20	-7.08	-6.33	-9.25	-9.24	-9.35	-5.77	-13.20	-9.33	-12.47	-5.26	-8.13	-8.06	-6.14

BARRETT_IC_8 23711	24.21 0.52 -15.78	18.98 0.54 -10.33	18.25 0.50 -9.52	17.59 0.47 -8.82	16.63 0.39 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.40 0.59 -7.05	17.50 0.64 -7.70	20.28 0.96 -5.74	23.41 1.13 -5.20	27.37 1.22 -7.08	28.50 1.43 -6.33	32.48 1.46 -9.25	33.06 1.54 -9.24	35.85 1.83 -9.35	35.19 1.92 -5.77	42.17 1.82 -13.20	45.90 2.23 -9.34	40.78 1.65 -12.47	34.65 1.58 -5.26	34.45 1.54 -8.13	32.45 1.59 -8.07	30.19 1.38 -6.15
BARRETT_IC_9 23700	24.21 0.52 -15.78	18.98 0.54 -10.33	18.25 0.50 -9.52	17.59 0.47 -8.82	16.63 0.39 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.40 0.59 -7.05	17.50 0.64 -7.70	20.28 0.96 -5.74	23.41 1.13 -5.20	27.37 1.22 -7.08	28.50 1.43 -6.33	32.48 1.46 -9.25	33.06 1.54 -9.24	35.85 1.83 -9.35	35.19 1.92 -5.77	42.17 1.82 -13.20	45.90 2.23 -9.34	40.78 1.65 -12.47	34.65 1.58 -5.26	34.45 1.54 -8.13	32.45 1.59 -8.07	30.19 1.38 -6.15
BARRETT___1 23545	24.21 0.52 -15.78	18.98 0.54 -10.33	18.25 0.50 -9.52	17.59 0.47 -8.82	16.63 0.39 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.40 0.59 -7.05	17.50 0.64 -7.70	20.28 0.96 -5.74	23.41 1.13 -5.20	27.37 1.22 -7.08	28.50 1.43 -6.33	32.48 1.46 -9.25	33.06 1.54 -9.24	35.85 1.83 -9.35	35.19 1.92 -5.77	42.17 1.82 -13.20	45.90 2.23 -9.34	40.78 1.65 -12.47	34.65 1.58 -5.26	34.45 1.54 -8.13	32.45 1.59 -8.07	30.19 1.38 -6.15
BARRETT___2 23546	24.21 0.52 -15.78	18.98 0.54 -10.33	18.25 0.50 -9.52	17.59 0.47 -8.82	16.63 0.39 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.40 0.59 -7.05	17.50 0.64 -7.70	20.28 0.96 -5.74	23.41 1.13 -5.20	27.37 1.22 -7.08	28.50 1.43 -6.33	32.48 1.46 -9.25	33.06 1.54 -9.24	35.85 1.83 -9.35	35.19 1.92 -5.77	42.17 1.82 -13.20	45.90 2.23 -9.34	40.78 1.65 -12.47	34.65 1.58 -5.26	34.45 1.54 -8.13	32.45 1.59 -8.07	30.19 1.38 -6.15
BATAVIA___115KV_TB1 55881	10.04 0.36 -1.78	10.04 0.42 -1.50	10.05 0.44 -1.39	10.07 0.49 -1.28	10.06 0.55 -1.14	9.11 0.49 -1.27	10.07 0.44 -1.07	10.09 0.31 -1.03	10.34 0.11 -1.08	14.31 0.24 -0.49	17.50 0.12 -0.29	19.24 0.08 -0.10	20.89 0.15 0.00	21.95 0.17 0.00	22.65 0.18 -0.19	25.05 0.30 -0.08	28.45 0.14 -0.82	29.06 0.16 -1.75	35.74 0.21 -1.21	28.69 0.27 -1.77	28.70 0.44 -0.45	25.79 0.50 -0.51	23.52 0.43 -0.30	23.46 0.73 -0.08
BAYONEEC___CTG1 323682	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG10 323750	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG2 323683	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG3 323684	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG4 323685	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG5 323686	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG6 323687	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG7 323688	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG8 323689	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
BAYONEEC___CTG9 323749	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.51 1.39 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52

BEACON___LESR 323632	22.99 0.16 -14.92	20.88 0.15 -12.61	20.01 0.16 -11.63	19.22 0.15 -10.77	18.15 0.17 -9.62	18.20 0.15 -10.70	17.75 0.18 -9.00	17.55 0.18 -8.61	18.41 0.20 -9.05	18.00 0.31 -4.10	19.90 0.34 -2.47	20.35 0.46 -0.84	21.37 0.62 0.00	22.47 0.70 0.00	24.56 0.71 -1.57	26.11 0.79 -0.65	35.32 0.94 -6.89	41.78 0.98 -13.65	44.75 1.27 -9.15	42.26 1.01 -14.59	32.64 1.08 -3.76	29.94 0.87 -4.29	26.06 0.73 -2.55	23.90 0.61 -0.63
BEAVER RIVER___HYD 24048	10.95 -0.56 -3.60	11.08 -0.59 -3.56	11.27 -0.53 -3.58	11.29 -0.56 -3.55	11.32 -0.56 -3.52	10.07 -0.48 -3.20	11.59 -0.55 -3.58	11.84 -0.55 -3.64	12.42 -0.56 -3.82	17.79 -0.96 -5.17	22.34 -1.16 -6.42	24.76 -1.35 -7.06	26.29 -1.49 -7.04	28.29 -1.50 -8.02	29.13 -1.47 -8.32	32.12 -1.68 -9.13	36.57 -1.54 -10.61	36.84 -1.28 -10.96	46.61 -1.30 -13.58	36.69 -0.88 -10.91	37.70 -0.92 -10.81	33.62 -0.84 -9.68	30.37 -1.12 -8.69	30.07 -1.13 -8.54
BEEBEE_GT_13 23619	9.67 0.24 -1.53	9.67 0.27 -1.29	9.68 0.27 -1.19	9.69 0.29 -1.10	9.66 0.31 -0.98	8.71 0.27 -1.09	9.74 0.26 -0.92	9.85 0.21 -0.88	10.18 0.10 -0.92	14.23 0.23 -0.42	17.53 0.19 -0.25	19.34 0.19 -0.09	20.85 0.10 0.00	21.90 0.13 0.00	22.71 0.27 -0.16	25.06 0.32 -0.07	28.45 0.25 -0.70	28.90 0.24 -1.50	35.64 0.27 -1.04	28.42 0.24 -1.52	28.52 0.33 -0.38	25.59 0.37 -0.44	23.37 0.32 -0.26	23.27 0.54 -0.06
BENSHRST_27_KV_BENSHRST_1 355998	20.58 0.46 -12.21	18.90 0.46 -10.32	18.19 0.44 -9.52	17.58 0.46 -8.82	16.63 0.39 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.21 0.40 -7.05	17.03 0.47 -7.41	17.68 0.75 -3.36	20.12 1.01 -2.02	21.04 1.30 -0.68	22.28 1.54 0.00	23.25 1.48 0.00	25.15 1.58 -1.28	27.05 1.85 -0.53	35.03 1.90 -5.64	41.94 1.74 -13.05	45.72 2.06 -9.33	40.64 1.52 -12.46	32.38 1.50 -3.07	29.93 1.64 -3.51	26.37 1.50 -2.08	24.40 1.22 -0.52
BETHLEHEM___GRP 23843	22.87 0.02 -14.94	20.77 0.02 -12.63	19.90 0.03 -11.64	19.11 0.03 -10.78	18.05 0.06 -9.63	18.11 0.05 -10.71	17.64 0.06 -9.01	17.43 0.05 -8.62	18.29 0.07 -9.06	17.81 0.12 -4.11	19.64 0.09 -2.47	20.05 0.15 -0.84	21.00 0.25 0.00	22.08 0.30 0.00	24.16 0.31 -1.57	25.67 0.35 -0.65	34.78 0.38 -6.90	41.31 0.43 -13.72	44.09 0.55 -9.21	41.70 0.43 -14.62	32.04 0.47 -3.76	29.44 0.37 -4.29	25.65 0.32 -2.55	23.49 0.20 -0.63
BETHLEHEM___GS1 323560	22.87 0.02 -14.94	20.77 0.02 -12.63	19.90 0.03 -11.64	19.11 0.03 -10.78	18.05 0.06 -9.63	18.11 0.05 -10.71	17.64 0.06 -9.01	17.43 0.05 -8.62	18.29 0.07 -9.06	17.81 0.12 -4.11	19.64 0.09 -2.47	20.05 0.15 -0.84	21.02 0.27 0.00	22.08 0.30 0.00	24.16 0.31 -1.57	25.67 0.35 -0.65	34.78 0.38 -6.90	41.30 0.43 -13.72	44.09 0.55 -9.21	41.70 0.43 -14.62	32.04 0.47 -3.76	29.45 0.37 -4.29	25.65 0.32 -2.55	23.49 0.20 -0.63
BETHLEHEM___GS2 323561	22.87 0.02 -14.94	20.77 0.02 -12.63	19.90 0.03 -11.64	19.11 0.03 -10.78	18.05 0.06 -9.63	18.11 0.05 -10.71	17.64 0.06 -9.01	17.43 0.05 -8.62	18.29 0.07 -9.06	17.81 0.12 -4.11	19.64 0.09 -2.47	20.05 0.15 -0.84	21.02 0.27 0.00	22.08 0.30 0.00	24.16 0.31 -1.57	25.67 0.35 -0.65	34.78 0.38 -6.90	41.30 0.43 -13.72	44.09 0.55 -9.21	41.70 0.43 -14.62	32.04 0.47 -3.76	29.45 0.37 -4.29	25.65 0.32 -2.55	23.49 0.20 -0.63
BETHLEHEM___GS3 323562	22.87 0.02 -14.94	20.77 0.02 -12.63	19.90 0.03 -11.64	19.11 0.03 -10.78	18.05 0.06 -9.63	18.11 0.05 -10.71	17.64 0.06 -9.01	17.43 0.05 -8.62	18.29 0.07 -9.06	17.81 0.12 -4.11	19.64 0.09 -2.47	20.05 0.15 -0.84	21.02 0.27 0.00	22.08 0.30 0.00	24.16 0.31 -1.57	25.67 0.35 -0.65	34.78 0.38 -6.90	41.30 0.43 -13.72	44.09 0.55 -9.21	41.70 0.43 -14.62	32.04 0.47 -3.76	29.45 0.37 -4.29	25.65 0.32 -2.55	23.49 0.20 -0.63
BETHLEHEM___STEEL 23779	10.22 0.25 -2.06	10.14 0.28 -1.74	10.14 0.30 -1.61	10.13 0.35 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.12 0.31 -1.25	10.13 0.18 -1.19	10.39 -0.02 -1.25	14.17 0.03 -0.57	17.27 -0.15 -0.34	18.91 -0.27 -0.12	20.79 0.04 0.00	21.81 0.04 0.00	22.25 -0.25 -0.22	24.61 -0.15 -0.09	27.98 -0.47 -0.95	28.72 -0.46 -2.03	35.05 -0.69 -1.40	28.29 -0.43 -2.06	28.02 -0.31 -0.52	25.20 -0.17 -0.59	23.03 -0.11 -0.35	22.90 0.16 -0.09
BETHLHEM_115KV_TB1 79974	22.89 0.06 -14.93	20.78 0.05 -12.62	19.92 0.06 -11.64	19.13 0.06 -10.78	18.07 0.08 -9.62	18.12 0.07 -10.70	17.66 0.09 -9.01	17.45 0.08 -8.61	18.31 0.10 -9.05	17.83 0.15 -4.11	19.69 0.14 -2.47	20.11 0.21 -0.84	21.06 0.31 0.00	22.14 0.37 0.00	24.23 0.38 -1.57	25.74 0.42 -0.65	34.86 0.47 -6.89	41.40 0.49 -13.75	44.24 0.65 -9.25	41.78 0.51 -14.62	32.09 0.53 -3.76	29.52 0.45 -4.29	25.72 0.39 -2.55	23.54 0.25 -0.63
BETHPAGE_CC_5 323564	24.28 0.59 -15.78	19.05 0.61 -10.33	18.31 0.57 -9.52	17.65 0.53 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.48 0.55 -7.37	16.47 0.66 -7.05	17.57 0.71 -7.70	20.40 1.09 -5.73	23.62 1.33 -5.20	27.71 1.56 -7.09	28.98 1.80 -6.43	33.10 1.81 -9.52	33.70 1.87 -9.54	36.65 2.22 -9.76	37.01 2.34 -7.18	44.66 2.23 -15.28	47.74 2.75 -10.66	42.01 2.05 -13.30	36.43 2.06 -6.57	35.82 1.93 -9.10	32.66 1.80 -8.08	30.41 1.61 -6.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.23 0.24 -2.09	10.14 0.26 -1.77	10.13 0.28 -1.63	10.13 0.32 -1.51	10.08 0.37 -1.35	9.16 0.32 -1.50	10.11 0.28 -1.26	10.13 0.16 -1.21	10.39 -0.04 -1.27	14.17 0.01 -0.58	17.24 -0.19 -0.35	18.89 -0.29 -0.12	20.85 0.10 0.00	21.88 0.11 0.00	22.21 -0.29 -0.22	24.59 -0.17 -0.09	27.97 -0.49 -0.97	28.75 -0.46 -2.05	35.06 -0.69 -1.42	28.31 -0.43 -2.08	28.02 -0.31 -0.53	25.19 -0.20 -0.60	22.98 -0.16 -0.36	22.86 0.11 -0.09
BINGHAMTON___COGEN 23790	11.93 0.13 -3.90	11.53 0.12 -3.29	11.37 0.12 -3.04	11.23 0.12 -2.81	11.00 0.13 -2.51	10.26 0.12 -2.79	11.04 0.13 -2.35	11.14 0.13 -2.25	11.62 0.10 -2.36	14.79 0.14 -1.07	17.88 0.15 -0.65	19.45 0.17 -0.22	21.06 0.31 0.00	22.12 0.35 0.00	22.93 0.25 -0.41	25.16 0.32 -0.17	29.62 0.33 -1.80	31.31 0.33 -3.83	37.42 0.45 -2.65	30.86 0.32 -3.88	29.17 0.39 -0.98	26.20 0.30 -1.12	23.70 0.25 -0.66	23.12 0.29 -0.16
BIXINCNT_115KV_LOAD 355685	10.23 0.11 -2.21	10.09 0.11 -1.87	10.05 0.10 -1.73	10.04 0.15 -1.60	9.97 0.18 -1.43	9.09 0.15 -1.59	10.00 0.10 -1.34	10.03 -0.01 -1.28	10.36 -0.14 -1.34	14.08 -0.11 -0.61	17.04 -0.41 -0.37	18.65 -0.53 -0.12	20.73 -0.02 0.00	21.64 -0.13 0.00	21.80 -0.71 -0.23	24.15 -0.62 -0.10	27.56 -0.96 -1.02	28.57 -0.76 -2.18	35.01 -0.82 -1.50	28.36 -0.51 -2.21	27.92 -0.44 -0.56	24.92 -0.50 -0.64	22.69 -0.48 -0.38	22.43 -0.32 -0.09
BLACK RIVER___HYD 24047	10.42 -0.32 -2.84	10.52 -0.36 -2.76	10.65 -0.32 -2.75	10.66 -0.35 -2.71	10.68 -0.35 -2.66	9.52 -0.29 -2.46	10.93 -0.33 -2.69	11.14 -0.34 -2.72	11.67 -0.35 -2.86	16.61 -0.67 -3.69	20.83 -0.79 -4.53	23.06 -0.93 -4.93	24.62 -1.04 -4.90	26.34 -1.02 -5.59	27.13 -0.98 -5.83	29.93 -1.11 -6.37	34.13 -0.91 -7.55	34.52 -0.60 -7.96	43.64 -0.38 -9.69	34.48 -0.11 -7.93	35.31 -0.11 -7.62	31.50 -0.12 -6.84	28.40 -0.50 -6.11	28.08 -0.54 -5.97

BLACKRVR_115KV_TB2 79977	10.42 -0.32 -2.84	10.52 -0.36 -2.76	10.65 -0.32 -2.75	10.66 -0.35 -2.71	10.68 -0.35 -2.66	9.52 -0.29 -2.46	10.93 -0.33 -2.69	11.14 -0.34 -2.72	11.68 -0.34 -2.86	16.61 -0.67 -3.69	20.83 -0.79 -4.53	23.06 -0.93 -4.93	24.61 -1.04 -4.90	26.34 -1.02 -5.59	27.13 -0.98 -5.83	29.93 -1.11 -6.37	34.13 -0.91 -7.55	34.52 -0.60 -7.96	43.64 -0.38 -9.69	34.48 -0.11 -7.93	35.31 -0.11 -7.62	31.50 -0.12 -6.84	28.40 -0.50 -6.11	28.08 -0.54 -5.97
BLISS_WT_PWR 323608	10.21 0.09 -2.21	10.08 0.09 -1.87	10.02 0.07 -1.73	10.02 0.12 -1.60	9.94 0.15 -1.43	9.06 0.12 -1.59	9.97 0.07 -1.34	10.00 -0.04 -1.28	10.34 -0.16 -1.34	14.05 -0.14 -0.61	17.01 -0.44 -0.37	18.69 -0.50 -0.12	20.64 -0.10 0.00	21.53 -0.24 0.00	21.69 -0.82 -0.23	24.67 -0.10 -0.10	27.45 -1.07 -1.02	28.46 -0.87 -2.18	34.94 -0.89 -1.50	28.30 -0.56 -2.21	27.86 -0.50 -0.56	24.87 -0.55 -0.64	22.64 -0.52 -0.38	22.34 -0.41 -0.09
BLUE_CIRC_CHEM_DRP 24182	22.78 0.18 -14.69	20.71 0.18 -12.42	19.86 0.19 -11.45	19.09 0.19 -10.60	18.05 0.22 -9.47	18.07 0.19 -10.53	17.64 0.21 -8.86	17.44 0.20 -8.47	18.27 0.21 -8.91	17.94 0.33 -4.04	19.88 0.36 -2.43	20.34 0.46 -0.82	21.35 0.60 0.00	22.42 0.65 0.00	24.49 0.67 -1.54	26.05 0.74 -0.64	35.13 0.85 -6.78	41.80 0.87 -13.77	44.80 1.13 -9.34	42.02 0.91 -14.45	32.47 0.97 -3.70	29.82 0.82 -4.22	26.02 0.73 -2.51	23.91 0.63 -0.62
BOC_GAS_DRP 24189	22.89 0.12 -14.87	20.80 0.12 -12.57	19.94 0.13 -11.59	19.16 0.13 -10.73	18.09 0.14 -9.58	18.13 0.12 -10.66	17.68 0.15 -8.97	17.48 0.14 -8.58	18.33 0.16 -9.01	17.91 0.24 -4.09	19.84 0.29 -2.46	20.26 0.36 -0.83	21.22 0.48 0.00	22.27 0.50 0.00	24.38 0.53 -1.56	25.91 0.59 -0.65	34.99 0.63 -6.87	41.74 0.62 -13.96	44.59 0.79 -9.47	41.90 0.61 -14.63	32.19 0.64 -3.74	29.62 0.57 -4.27	25.82 0.50 -2.54	23.67 0.39 -0.63
BOONVILLE_115KV_TB1 79983	9.30 -0.13 -1.52	9.44 -0.14 -1.47	9.58 -0.10 -1.45	9.61 -0.12 -1.43	9.64 -0.12 -1.40	8.56 -0.10 -1.31	9.88 -0.09 -1.41	10.08 -0.10 -1.42	10.57 -0.07 -1.49	15.25 -0.20 -1.87	19.14 -0.22 -2.27	21.24 -0.29 -2.47	22.90 -0.29 -2.45	24.32 -0.24 -2.79	25.00 -0.20 -2.92	27.61 -0.25 -3.18	31.25 -0.05 -3.81	31.34 0.11 -4.07	39.51 0.27 -4.90	31.01 0.29 -4.06	31.91 0.28 -3.82	28.42 0.20 -3.44	25.81 -0.05 -3.07	25.57 -0.07 -2.98
BORALEX_4TH_BRANCH 23824	23.03 0.24 -14.89	20.94 0.24 -12.58	20.08 0.26 -11.61	19.30 0.26 -10.75	18.22 0.27 -9.59	18.24 0.22 -10.67	17.79 0.25 -8.98	17.60 0.25 -8.59	18.48 0.29 -9.03	18.08 0.41 -4.09	20.10 0.55 -2.47	20.52 0.63 -0.83	21.49 0.75 0.00	22.60 0.83 0.00	24.71 0.87 -1.57	26.21 0.89 -0.65	35.33 0.96 -6.87	40.50 1.06 -12.29	43.54 1.37 -7.83	41.90 1.07 -14.18	32.75 1.19 -3.75	30.08 1.02 -4.28	26.24 0.91 -2.54	24.06 0.77 -0.63
BOWLINE___1 23526	20.03 0.28 -11.85	18.42 0.29 -10.01	17.75 0.29 -9.24	17.14 0.29 -8.55	16.25 0.25 -7.63	16.06 0.21 -8.49	15.99 0.27 -7.15	15.91 0.31 -6.84	16.71 0.37 -7.18	17.39 0.56 -3.26	19.75 0.70 -1.96	20.56 0.84 -0.66	21.76 1.02 0.00	22.77 1.00 0.00	24.62 1.09 -1.25	26.47 1.28 -0.52	34.26 1.29 -5.47	41.00 1.22 -12.62	44.79 1.44 -9.01	39.81 1.07 -12.08	31.79 1.00 -2.98	29.18 0.99 -3.40	25.67 0.87 -2.02	23.82 0.66 -0.50
BOWLINE___2 23595	20.04 0.28 -11.85	18.42 0.29 -10.02	17.75 0.29 -9.24	17.14 0.29 -8.55	16.25 0.25 -7.64	16.06 0.21 -8.50	15.99 0.27 -7.15	15.91 0.31 -6.84	16.71 0.37 -7.18	17.39 0.56 -3.26	19.76 0.72 -1.96	20.58 0.86 -0.66	21.76 1.02 0.00	22.80 1.02 0.00	24.62 1.09 -1.25	26.47 1.28 -0.52	34.29 1.32 -5.47	41.00 1.22 -12.62	44.79 1.44 -9.01	39.81 1.07 -12.08	31.79 1.00 -2.98	29.18 0.99 -3.40	25.67 0.87 -2.02	23.82 0.66 -0.50
BRADY___115KV_TB2 356060	1.20 -1.43 5.28	1.22 -1.49 5.41	1.23 -1.46 5.53	1.23 -1.50 5.56	1.24 -1.52 5.60	1.10 -1.33 4.92	1.27 -1.52 5.77	1.30 -1.55 5.91	1.37 -1.57 6.21	1.94 -2.48 9.15	2.43 -3.06 11.60	2.69 -3.45 12.92	2.72 -3.78 14.25	3.10 -3.90 14.77	3.17 -3.92 15.19	3.56 -4.37 16.75	3.99 -4.59 18.92	3.99 -4.32 18.85	5.05 -5.18 24.09	4.02 -3.89 18.75	4.14 -4.09 19.57	3.68 -3.67 17.44	3.34 -3.67 15.78	3.27 -3.72 15.67
BRANSCOMB___SOLAR 323811	23.61 0.36 -15.34	21.45 0.37 -12.97	20.55 0.36 -11.96	19.73 0.36 -11.08	18.63 0.38 -9.89	18.69 0.34 -11.00	18.19 0.37 -9.26	17.98 0.37 -8.85	18.83 0.38 -9.30	18.36 0.56 -4.22	20.24 0.61 -2.54	20.68 0.76 -0.86	21.74 1.00 0.00	22.86 1.09 0.00	24.99 1.09 -1.61	26.52 1.18 -0.67	36.09 1.51 -7.09	42.59 1.60 -13.83	45.77 2.23 -9.21	43.46 1.87 -14.94	33.67 2.00 -3.86	30.80 1.61 -4.41	26.82 1.41 -2.62	24.58 1.27 -0.65
BRENTWOD_69_KV_W. BRTWOOD 56703	24.36 0.68 -15.78	19.15 0.71 -10.33	18.39 0.65 -9.52	17.72 0.61 -8.82	16.76 0.53 -7.87	16.56 0.46 -8.76	16.55 0.62 -7.37	16.54 0.73 -7.05	17.66 0.81 -7.70	20.53 1.22 -5.73	23.76 1.47 -5.20	27.88 1.73 -7.09	29.59 1.99 -6.86	34.46 1.98 -10.71	35.24 2.03 -10.93	41.11 2.29 -14.15	45.99 2.25 -16.24	59.85 2.15 -30.55	61.86 2.68 -24.85	50.93 2.00 -22.27	52.63 2.45 -22.38	47.80 2.23 -20.79	33.01 2.01 -8.22	30.59 1.79 -6.15
BRISTLHL_115KV_TB1 79998	9.18 -0.02 -1.30	9.23 -0.03 -1.14	9.27 -0.03 -1.08	9.27 -0.04 -1.02	9.26 -0.04 -0.94	8.30 -0.04 -0.98	9.43 -0.03 -0.90	9.62 -0.03 -0.88	10.04 -0.05 -0.93	14.22 -0.07 -0.71	17.71 -0.09 -0.71	19.60 -0.11 -0.65	21.07 -0.21 -0.53	22.23 -0.22 -0.68	22.84 -0.25 -0.81	25.22 -0.27 -0.82	28.55 -0.30 -1.36	28.76 -0.30 -1.90	35.81 -0.34 -1.82	28.30 -0.27 -1.91	28.72 -0.25 -1.16	25.64 -0.25 -1.10	23.51 -0.18 -0.90	23.35 -0.07 -0.76
BROOKHAVEN___DRP 24191	24.41 0.73 -15.78	19.20 0.75 -10.33	18.44 0.70 -9.52	17.77 0.66 -8.82	16.80 0.57 -7.87	16.61 0.50 -8.76	16.59 0.66 -7.37	16.59 0.78 -7.05	17.72 0.86 -7.70	20.63 1.32 -5.73	23.86 1.57 -5.20	28.01 1.87 -7.09	31.49 2.14 -8.61	39.50 2.13 -15.59	41.11 2.18 -16.65	59.51 2.57 -32.27	83.76 2.72 -53.55	123.30 2.63 -93.51	121.15 3.30 -83.52	88.48 2.48 -59.35	49.24 2.61 -18.82	45.30 2.38 -18.14	33.23 2.19 -8.26	30.78 1.97 -6.15
BROOKLYN_NAVY_YARD 23515	20.50 0.38 -12.21	18.81 0.37 -10.32	18.12 0.38 -9.52	17.49 0.38 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.24 0.43 -7.05	17.05 0.48 -7.41	17.70 0.76 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.03 1.47 -1.28	26.90 1.70 -0.53	34.90 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52
BROOKLYN___ARMY_DRP 323595	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52

BROOKVLE_69_KV_TB1 55790	24.21 0.53 -15.78	18.99 0.55 -10.33	18.26 0.52 -9.52	17.61 0.50 -8.82	16.67 0.43 -7.87	16.48 0.37 -8.76	16.44 0.51 -7.37	16.40 0.59 -7.05	17.51 0.65 -7.70	20.30 0.99 -5.73	23.53 1.25 -5.20	27.65 1.51 -7.09	28.89 1.78 -6.36	32.93 1.83 -9.33	33.52 1.92 -9.32	36.17 2.15 -9.35	35.81 2.28 -6.03	42.83 2.17 -13.51	46.30 2.64 -9.33	41.10 1.97 -12.47	34.98 1.92 -5.26	34.85 1.93 -8.13	32.61 1.75 -8.06	30.32 1.52 -6.15
BROOME_2_LFGE 323671	11.93 0.13 -3.90	11.53 0.12 -3.29	11.37 0.12 -3.04	11.23 0.12 -2.81	11.00 0.13 -2.51	10.26 0.12 -2.79	11.04 0.13 -2.35	11.14 0.13 -2.25	11.62 0.10 -2.36	14.79 0.14 -1.07	17.88 0.15 -0.65	19.47 0.19 -0.22	21.06 0.31 0.00	22.12 0.35 0.00	22.94 0.25 -0.41	25.29 0.44 -0.17	29.63 0.33 -1.80	31.31 0.33 -3.83	37.42 0.45 -2.65	30.86 0.32 -3.88	29.17 0.39 -0.98	26.18 0.27 -1.12	23.70 0.25 -0.66	23.12 0.29 -0.16
BROOME__LFGE 323600	11.93 0.13 -3.90	11.53 0.12 -3.29	11.37 0.12 -3.04	11.23 0.12 -2.81	11.00 0.13 -2.51	10.26 0.12 -2.79	11.04 0.13 -2.35	11.14 0.13 -2.25	11.62 0.10 -2.36	14.79 0.14 -1.07	17.88 0.15 -0.65	19.47 0.19 -0.22	21.06 0.31 0.00	22.12 0.35 0.00	22.94 0.25 -0.41	25.29 0.44 -0.17	29.63 0.33 -1.80	31.31 0.33 -3.83	37.42 0.45 -2.65	30.86 0.32 -3.88	29.17 0.39 -0.98	26.18 0.27 -1.12	23.70 0.25 -0.66	23.12 0.29 -0.16
BROWNFLS_115KV_TB_3_5 80003	0.10 -0.96 6.84	0.10 -1.01 7.01	0.10 -0.95 7.17	0.10 -0.99 7.21	0.10 -1.00 7.27	0.10 -0.87 6.38	0.10 -0.99 7.47	0.10 -1.01 7.65	0.10 -1.03 8.03	0.10 -1.66 11.82	0.10 -2.03 14.95	0.10 -2.31 16.65	0.10 -2.53 18.12	0.10 -2.61 19.06	0.10 -2.61 19.57	0.13 -2.91 21.64	0.10 -2.97 24.43	0.10 -2.72 24.34	0.10 -3.12 31.11	0.10 -2.29 24.26	0.10 -2.42 25.28	0.10 -2.16 22.53	0.10 -2.30 20.39	0.10 -2.33 20.22
BROWNSV1_27_KV_LOAD 356125	20.57 0.45 -12.21	18.89 0.45 -10.32	18.19 0.45 -9.52	17.58 0.46 -8.82	16.64 0.40 -7.87	16.44 0.34 -8.76	16.37 0.44 -7.37	16.30 0.49 -7.05	17.11 0.55 -7.41	17.79 0.86 -3.36	20.22 1.11 -2.02	21.10 1.35 -0.68	22.37 1.62 0.00	23.38 1.61 0.00	25.26 1.69 -1.28	27.15 1.95 -0.53	35.20 2.06 -5.64	42.13 1.93 -13.05	45.96 2.30 -9.33	40.80 1.68 -12.46	32.49 1.61 -3.07	29.98 1.69 -3.51	26.42 1.55 -2.08	24.47 1.29 -0.52
BURROWS__LYONSDAL 23803	9.62 -0.22 -1.93	9.76 -0.24 -1.88	9.90 -0.19 -1.87	9.93 -0.21 -1.85	9.97 -0.21 -1.81	8.86 -0.17 -1.68	10.21 -0.19 -1.83	10.43 -0.18 -1.85	10.93 -0.17 -1.95	15.73 -0.37 -2.52	19.76 -0.41 -3.09	21.93 -0.50 -3.37	23.55 -0.54 -3.35	25.11 -0.48 -3.81	25.79 -0.47 -3.98	28.48 -0.54 -4.35	32.28 -0.36 -5.15	32.42 -0.16 -5.42	40.90 -0.03 -6.61	32.11 0.05 -5.41	33.05 0.06 -5.20	29.45 0.00 -4.66	26.71 -0.25 -4.17	26.43 -0.29 -4.07
CAITHNESS_CC_1 323624	24.38 0.70 -15.78	19.16 0.71 -10.33	18.41 0.67 -9.52	17.74 0.62 -8.82	16.78 0.54 -7.87	16.58 0.47 -8.76	16.56 0.62 -7.37	16.55 0.74 -7.05	17.68 0.82 -7.70	20.56 1.25 -5.73	23.79 1.50 -5.20	27.94 1.79 -7.09	31.36 2.01 -8.60	39.33 2.00 -15.56	40.94 2.05 -16.61	59.24 2.42 -32.15	83.35 2.56 -53.30	122.70 2.44 -93.10	120.53 3.05 -83.15	88.06 2.29 -59.11	48.99 2.42 -18.77	45.11 2.23 -18.10	33.09 2.05 -8.25	30.66 1.86 -6.15
CALPINE BETH_PAGE_GT4 24209	24.28 0.59 -15.78	19.05 0.61 -10.33	18.30 0.56 -9.52	17.65 0.53 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.48 0.55 -7.37	16.46 0.65 -7.05	17.57 0.71 -7.70	20.40 1.09 -5.73	23.62 1.33 -5.20	27.69 1.54 -7.09	28.97 1.80 -6.42	33.01 1.74 -9.49	33.62 1.83 -9.51	36.47 2.15 -9.66	36.74 2.28 -6.96	44.23 2.17 -14.91	47.32 2.68 -10.31	41.74 2.00 -13.09	35.98 1.97 -6.21	35.48 1.86 -8.83	32.59 1.73 -8.07	30.39 1.59 -6.15
CALPINE_BETH_PAGE_GT_4 323586	24.28 0.59 -15.78	19.04 0.60 -10.33	18.30 0.56 -9.52	17.65 0.53 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.48 0.55 -7.37	16.46 0.65 -7.05	17.57 0.71 -7.70	20.40 1.09 -5.73	23.62 1.33 -5.20	27.69 1.54 -7.09	28.95 1.78 -6.42	33.01 1.74 -9.49	33.62 1.83 -9.51	36.47 2.15 -9.66	36.74 2.28 -6.96	44.24 2.17 -14.91	47.33 2.68 -10.32	41.75 2.00 -13.09	35.98 1.97 -6.21	35.48 1.86 -8.83	32.59 1.73 -8.07	30.39 1.59 -6.15
CALPINE_BP_GT1 23823	24.28 0.59 -15.78	19.04 0.60 -10.33	18.30 0.56 -9.52	17.65 0.53 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.48 0.55 -7.37	16.46 0.65 -7.05	17.57 0.71 -7.70	20.40 1.09 -5.73	23.62 1.33 -5.20	27.69 1.54 -7.09	28.95 1.78 -6.42	33.01 1.74 -9.49	33.62 1.83 -9.51	36.47 2.15 -9.66	36.74 2.28 -6.96	44.24 2.17 -14.91	47.33 2.68 -10.32	41.75 2.00 -13.09	35.98 1.97 -6.21	35.48 1.86 -8.83	32.59 1.73 -8.07	30.39 1.59 -6.15
CALSPAN__DRP 24200	10.22 0.25 -2.06	10.14 0.28 -1.74	10.14 0.30 -1.61	10.13 0.35 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.12 0.31 -1.25	10.13 0.18 -1.19	10.39 -0.02 -1.25	14.17 0.03 -0.57	17.27 -0.15 -0.34	18.91 -0.27 -0.12	20.79 0.04 0.00	21.81 0.04 0.00	22.25 -0.25 -0.22	24.61 -0.15 -0.09	27.98 -0.47 -0.95	28.72 -0.46 -2.03	35.05 -0.69 -1.40	28.29 -0.43 -2.06	28.02 -0.31 -0.52	25.20 -0.17 -0.59	23.03 -0.11 -0.35	22.90 0.16 -0.09
CALVERTON__SOLAR 323806	24.46 0.78 -15.78	19.24 0.80 -10.33	18.49 0.75 -9.52	17.82 0.70 -8.82	16.85 0.61 -7.87	16.64 0.54 -8.76	16.64 0.70 -7.37	16.63 0.82 -7.05	17.76 0.91 -7.70	20.70 1.39 -5.73	23.94 1.66 -5.20	28.15 2.00 -7.09	31.62 2.26 -8.62	39.66 2.29 -15.61	41.31 2.36 -16.67	59.78 2.79 -32.32	84.12 2.97 -53.66	123.73 2.88 -93.70	121.63 3.60 -83.70	88.83 2.72 -59.46	49.49 2.84 -18.85	45.52 2.58 -18.16	33.39 2.35 -8.25	30.93 2.13 -6.15
CANDIGU_WT_PWR 323617	10.78 0.17 -2.70	10.58 0.18 -2.29	10.50 0.17 -2.11	10.44 0.19 -1.95	10.32 0.21 -1.74	9.48 0.19 -1.94	10.37 0.18 -1.63	10.44 0.12 -1.56	10.81 0.02 -1.64	14.36 0.04 -0.74	17.50 -0.03 -0.45	19.17 -0.04 -0.15	20.91 0.17 0.00	21.97 0.20 0.00	22.54 -0.02 -0.28	25.11 0.32 -0.12	28.69 -0.05 -1.25	29.81 0.00 -2.66	36.20 0.03 -1.84	29.43 0.08 -2.69	28.68 0.20 -0.68	25.68 0.12 -0.78	23.36 0.11 -0.46	22.95 0.18 -0.11
CARR STREET_E__SYR 24060	9.28 0.02 -1.35	9.31 0.02 -1.18	9.34 0.02 -1.10	9.34 0.01 -1.04	9.33 0.02 -0.95	8.37 0.01 -1.01	9.49 0.02 -0.91	9.67 0.03 -0.88	10.09 0.01 -0.93	14.23 0.01 -0.64	17.70 0.02 -0.60	19.58 0.00 -0.51	21.09 -0.06 -0.40	22.24 -0.04 -0.51	22.86 -0.07 -0.65	25.16 -0.15 -0.63	28.47 -0.22 -1.20	28.74 -0.22 -1.80	35.69 -0.28 -1.63	28.23 -0.24 -1.82	28.55 -0.22 -0.97	25.58 -0.15 -0.94	23.49 -0.05 -0.75	23.32 0.07 -0.59
CARTHAGE__PAPER 23857	10.57 -0.47 -3.14	10.67 -0.51 -3.07	10.84 -0.45 -3.07	10.85 -0.48 -3.04	10.87 -0.49 -2.99	9.68 -0.42 -2.75	11.13 -0.47 -3.03	11.36 -0.48 -3.08	11.89 -0.49 -3.23	16.96 -0.88 -4.27	21.28 -1.06 -5.26	23.58 -1.24 -5.76	25.11 -1.37 -5.73	26.93 -1.37 -6.53	27.74 -1.34 -6.80	30.60 -1.51 -7.44	34.88 -1.35 -8.73	35.24 -1.03 -9.12	44.60 -0.93 -11.20	35.18 -0.56 -9.09	36.10 -0.56 -8.85	32.20 -0.52 -7.94	29.03 -0.87 -7.11	28.71 -0.91 -6.96

CASSADAGA_WT_PWR 323784	10.48 0.41 -2.16	10.27 0.33 -1.83	10.19 0.29 -1.68	10.19 0.33 -1.56	10.10 0.34 -1.39	9.18 0.29 -1.55	10.17 0.30 -1.30	10.21 0.20 -1.25	10.52 0.06 -1.31	14.38 0.20 -0.59	17.56 0.12 -0.36	19.28 0.10 -0.12	21.20 0.46 0.00	22.25 0.48 0.00	22.60 0.09 -0.23	25.43 0.67 -0.09	28.55 0.06 -1.00	29.47 0.19 -2.12	35.97 0.17 -1.47	29.08 0.27 -2.15	28.74 0.39 -0.54	25.85 0.45 -0.62	23.59 0.43 -0.37	23.36 0.61 -0.09
CE_DUNWOOD___DRP 24194	20.43 0.34 -12.19	18.77 0.36 -10.30	18.07 0.35 -9.50	17.44 0.35 -8.80	16.53 0.31 -7.85	16.35 0.26 -8.74	16.25 0.33 -7.35	16.18 0.39 -7.03	16.98 0.43 -7.39	17.60 0.67 -3.35	19.96 0.85 -2.02	20.77 1.03 -0.68	22.01 1.27 0.00	23.03 1.26 0.00	24.90 1.34 -1.28	26.73 1.53 -0.53	34.74 1.62 -5.63	41.70 1.52 -13.02	45.46 1.82 -9.31	40.45 1.36 -12.44	32.15 1.28 -3.07	29.57 1.29 -3.50	26.03 1.16 -2.08	24.10 0.93 -0.52
CE_MILLWOOD___DRP 24193	20.37 0.32 -12.14	18.72 0.34 -10.26	18.01 0.33 -9.46	17.39 0.33 -8.76	16.47 0.28 -7.82	16.29 0.24 -8.70	16.21 0.32 -7.32	16.12 0.36 -7.00	16.93 0.41 -7.36	17.54 0.62 -3.34	19.90 0.80 -2.01	20.71 0.97 -0.68	21.95 1.20 0.00	22.97 1.20 0.00	24.83 1.27 -1.28	26.68 1.48 -0.53	34.64 1.54 -5.61	41.59 1.47 -12.97	45.35 1.75 -9.27	40.35 1.31 -12.39	32.08 1.22 -3.06	29.51 1.24 -3.49	25.95 1.09 -2.07	24.03 0.86 -0.51
CE_NYC2_DRP 24202	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.28 0.35 -7.37	16.20 0.39 -7.05	17.01 0.45 -7.41	17.64 0.71 -3.36	20.03 0.92 -2.02	20.93 1.18 -0.68	22.14 1.39 0.00	23.10 1.33 0.00	24.99 1.43 -1.28	26.88 1.68 -0.53	34.84 1.70 -5.64	41.73 1.52 -13.05	45.41 1.75 -9.33	40.43 1.31 -12.46	32.16 1.28 -3.07	29.70 1.41 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
CE_NYC_DRP 24195	20.51 0.39 -12.21	18.84 0.40 -10.32	18.14 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.31 0.38 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.70 0.76 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.20 1.45 0.00	23.19 1.42 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.95 1.81 -5.64	41.89 1.68 -13.05	45.62 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.75 1.46 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52
CHAFFEE___LFGE 323603	10.30 0.25 -2.14	10.21 0.28 -1.81	10.18 0.29 -1.67	10.18 0.34 -1.54	10.13 0.38 -1.38	9.22 0.34 -1.53	10.16 0.31 -1.29	10.17 0.18 -1.23	10.43 -0.03 -1.30	14.19 0.03 -0.59	17.27 -0.17 -0.35	18.97 -0.21 -0.12	20.85 0.10 0.00	21.88 0.11 0.00	22.26 -0.24 -0.22	24.99 0.22 -0.09	28.04 -0.44 -0.99	28.85 -0.41 -2.10	35.17 -0.62 -1.45	28.41 -0.37 -2.13	28.09 -0.25 -0.54	25.25 -0.15 -0.61	23.06 -0.09 -0.36	22.89 0.14 -0.09
CHATEAUG_35_KV_LOAD 355732	0.33 -1.67 5.91	0.32 -1.73 6.07	0.30 -1.72 6.20	0.31 -1.74 6.25	0.32 -1.75 6.30	0.38 -1.52 5.45	0.34 -1.73 6.49	0.83 -1.73 6.21	0.84 -1.74 6.58	0.99 -2.63 9.95	0.95 -3.19 12.94	2.44 -3.55 13.07	2.47 -3.88 14.40	2.38 -4.03 15.36	2.34 -4.08 15.86	1.32 -4.56 18.79	1.35 -4.89 21.25	4.70 -4.64 17.81	3.98 -5.70 24.65	3.15 -4.40 19.11	0.55 -4.73 22.53	0.55 -4.26 19.97	0.61 -4.15 18.03	0.57 -4.21 17.88
CHATEAUG_WT_PWR 323614	0.53 -1.64 5.74	0.53 -1.70 5.89	0.52 -1.69 6.02	0.52 -1.71 6.06	0.54 -1.71 6.11	0.58 -1.48 5.28	0.57 -1.70 6.30	1.07 -1.68 6.01	1.09 -1.69 6.37	1.36 -2.57 9.65	1.39 -3.13 12.56	2.94 -3.47 12.65	2.98 -3.80 13.97	2.95 -3.94 14.88	2.93 -3.99 15.36	1.92 -4.52 18.24	2.08 -4.79 20.63	5.43 -4.54 17.19	4.87 -5.59 23.86	3.85 -4.32 18.49	1.27 -4.64 21.89	1.22 -4.16 19.40	1.17 -4.10 17.51	1.15 -4.15 17.36
CHAT_HIGH_FALL_HYD 323578	0.33 -1.67 5.91	0.32 -1.73 6.07	0.30 -1.72 6.20	0.31 -1.74 6.25	0.32 -1.75 6.30	0.38 -1.52 5.45	0.34 -1.73 6.49	0.83 -1.73 6.21	0.84 -1.74 6.58	0.99 -2.63 9.95	0.95 -3.19 12.94	2.42 -3.56 13.07	2.47 -3.88 14.40	2.38 -4.03 15.36	2.34 -4.08 15.86	1.27 -4.61 18.79	1.35 -4.89 21.25	4.70 -4.64 17.81	3.98 -5.70 24.65	3.15 -4.40 19.11	0.55 -4.73 22.53	0.55 -4.26 19.97	0.56 -4.19 18.03	0.57 -4.21 17.88
CHAUTAUQUA___LFGE 323629	10.39 0.36 -2.13	10.25 0.34 -1.80	10.20 0.32 -1.66	10.20 0.36 -1.54	10.13 0.39 -1.37	9.21 0.34 -1.52	10.18 0.33 -1.28	10.22 0.23 -1.23	10.51 0.06 -1.29	14.35 0.19 -0.59	17.52 0.09 -0.35	19.24 0.06 -0.12	21.10 0.35 0.00	22.14 0.37 0.00	22.57 0.07 -0.22	25.31 0.54 -0.09	28.45 -0.03 -0.98	29.30 0.05 -2.09	35.74 -0.03 -1.44	28.86 0.08 -2.12	28.56 0.22 -0.54	25.62 0.22 -0.61	23.40 0.25 -0.36	23.20 0.45 -0.09
CHERRYST_13_KV_LD 356241	20.53 0.41 -12.21	18.86 0.42 -10.32	18.16 0.42 -9.52	17.54 0.42 -8.82	16.60 0.37 -7.87	16.42 0.32 -8.76	16.33 0.40 -7.37	16.26 0.46 -7.05	17.07 0.51 -7.41	17.74 0.80 -3.36	20.13 1.03 -2.02	21.00 1.26 -0.68	22.26 1.51 0.00	23.27 1.50 0.00	25.15 1.58 -1.28	27.03 1.83 -0.53	35.06 1.92 -5.64	42.00 1.79 -13.05	45.75 2.09 -9.33	40.67 1.55 -12.46	32.35 1.47 -3.07	29.83 1.54 -3.51	26.28 1.41 -2.08	24.33 1.16 -0.52
CHESTROR_138KV_BK263 355645	19.51 0.25 -11.35	17.97 0.26 -9.60	17.32 0.25 -8.85	16.74 0.25 -8.20	15.89 0.21 -7.32	15.67 0.18 -8.14	15.64 0.22 -6.85	15.57 0.26 -6.55	16.34 0.30 -6.89	17.15 0.45 -3.12	19.55 0.58 -1.88	20.40 0.71 -0.64	21.64 0.89 0.00	22.66 0.89 0.00	24.43 0.96 -1.19	26.30 1.13 -0.49	33.95 1.21 -5.24	40.31 1.11 -12.04	44.29 1.37 -8.58	39.26 1.04 -11.56	31.63 0.97 -2.86	28.99 0.94 -3.26	25.54 0.82 -1.94	23.77 0.63 -0.48
CH_MIDHUDSON___DRP 24192	20.64 0.30 -12.43	18.93 0.31 -10.51	18.22 0.30 -9.69	17.57 0.30 -8.98	16.64 0.26 -8.01	16.48 0.22 -8.91	16.34 0.27 -7.50	16.24 0.31 -7.17	17.04 0.35 -7.54	17.53 0.53 -3.42	19.83 0.68 -2.06	20.58 0.82 -0.70	21.78 1.04 0.00	22.84 1.07 0.00	24.72 1.14 -1.31	26.55 1.33 -0.54	34.67 1.43 -5.74	41.45 1.36 -12.94	45.17 1.68 -9.16	40.50 1.25 -12.59	32.13 1.20 -3.13	29.52 1.16 -3.57	25.93 1.03 -2.12	24.00 0.82 -0.53
CH_MISC_IPPS 23765	20.46 0.33 -12.22	18.77 0.32 -10.33	18.08 0.33 -9.52	17.44 0.32 -8.82	16.51 0.28 -7.87	16.34 0.24 -8.76	16.22 0.28 -7.37	16.12 0.31 -7.05	16.93 0.37 -7.41	17.48 0.54 -3.36	19.83 0.72 -2.02	20.62 0.88 -0.68	21.85 1.10 0.00	22.90 1.13 0.00	24.79 1.22 -1.28	26.68 1.48 -0.53	34.73 1.59 -5.64	41.48 1.52 -12.81	45.37 1.96 -9.09	40.49 1.44 -12.40	32.21 1.33 -3.08	29.58 1.29 -3.51	25.99 1.12 -2.08	24.08 0.91 -0.52
CH_RES_BVR_FALLS 23983	4.11 -0.98 2.81	4.25 -1.01 2.85	4.31 -1.00 2.90	4.36 -1.02 2.91	4.41 -1.04 2.92	3.86 -0.90 2.59	4.52 -1.05 2.99	4.63 -1.07 3.06	4.85 -1.09 3.22	7.27 -1.67 4.64	9.15 -2.09 5.85	10.22 -2.35 6.50	11.50 -2.57 6.67	11.68 -2.68 7.42	11.94 -2.70 7.64	13.22 -3.04 8.42	14.70 -3.22 9.57	14.43 -3.10 9.63	18.31 -3.81 12.21	14.18 -2.90 9.58	14.90 -3.03 9.87	13.25 -2.73 8.80	12.22 -2.62 7.95	12.13 -2.65 7.88

CH_RES_NIAGARA 23895	9.99 0.18 -1.90	10.05 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.94 -0.81 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.47 -0.64 -0.32	22.44 -0.30 -0.08
CH_RES_SYRACUSE 23985	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
CLINTON_WT_PWR 323605	0.53 -1.64 5.74	0.53 -1.70 5.89	0.52 -1.69 6.02	0.52 -1.71 6.06	0.54 -1.71 6.11	0.58 -1.48 5.28	0.57 -1.70 6.30	1.07 -1.68 6.01	1.09 -1.69 6.37	1.36 -2.57 9.65	1.39 -3.13 12.56	2.94 -3.47 12.65	2.98 -3.80 13.97	2.95 -3.94 14.88	2.93 -3.99 15.36	1.92 -4.52 18.24	2.08 -4.79 20.63	5.43 -4.54 17.19	4.87 -5.59 23.86	3.85 -4.32 18.49	1.27 -4.64 21.89	1.22 -4.16 19.40	1.17 -4.10 17.51	1.15 -4.15 17.36
CLINTON___LFGE 323618	0.49 -1.64 5.78	0.48 -1.70 5.94	0.46 -1.69 6.07	0.47 -1.72 6.11	0.49 -1.71 6.16	0.53 -1.49 5.33	0.52 -1.70 6.35	1.04 -1.66 6.06	1.05 -1.68 6.42	1.31 -2.54 9.73	1.33 -3.09 12.66	2.89 -3.41 12.76	2.93 -3.73 14.08	2.89 -3.87 15.00	2.89 -3.90 15.49	1.85 -4.44 18.38	2.03 -4.67 20.80	5.43 -4.37 17.35	4.91 -5.35 24.07	3.87 -4.13 18.65	1.27 -4.48 22.06	1.19 -4.04 19.55	1.10 -4.03 17.65	1.08 -4.08 17.50
COBBLENY_34_KV_TB1 80064	10.30 0.25 -2.14	10.20 0.28 -1.81	10.18 0.29 -1.67	10.18 0.34 -1.54	10.13 0.38 -1.38	9.22 0.34 -1.53	10.15 0.30 -1.29	10.17 0.18 -1.23	10.43 -0.03 -1.30	14.19 0.03 -0.59	17.27 -0.17 -0.35	18.91 -0.27 -0.12	20.85 0.10 0.00	21.88 0.11 0.00	22.26 -0.25 -0.22	24.64 -0.12 -0.09	28.04 -0.44 -0.99	28.85 -0.41 -2.10	35.17 -0.62 -1.45	28.41 -0.37 -2.13	28.09 -0.25 -0.54	25.25 -0.15 -0.61	23.04 -0.11 -0.36	22.91 0.16 -0.09
COFFEEN__115KV_TB3 355620	10.44 -0.25 -2.79	10.53 -0.29 -2.70	10.66 -0.25 -2.69	10.67 -0.28 -2.66	10.68 -0.28 -2.60	9.53 -0.24 -2.41	10.94 -0.26 -2.63	11.15 -0.27 -2.66	11.68 -0.27 -2.80	16.59 -0.58 -3.59	20.82 -0.67 -4.40	23.05 -0.80 -4.79	24.59 -0.91 -4.76	26.34 -0.85 -5.42	27.12 -0.82 -5.66	29.94 -0.91 -6.18	34.17 -0.66 -7.34	34.58 -0.33 -7.75	43.75 0.00 -9.42	34.60 0.21 -7.73	35.45 0.25 -7.40	31.62 0.20 -6.64	28.45 -0.27 -5.94	28.13 -0.32 -5.79
COLDSPRG_115KV_BK1 355956	10.51 0.36 -2.24	10.31 0.31 -1.89	10.26 0.30 -1.74	10.25 0.34 -1.61	10.17 0.37 -1.44	9.26 0.31 -1.60	10.23 0.32 -1.35	10.27 0.22 -1.29	10.58 0.07 -1.36	14.38 0.19 -0.61	17.54 0.09 -0.37	19.19 0.00 -0.13	21.37 0.62 0.00	22.42 0.65 0.00	22.60 0.09 -0.24	25.09 0.32 -0.10	28.58 0.05 -1.03	29.57 0.22 -2.20	36.06 0.21 -1.52	29.15 0.27 -2.23	28.78 0.42 -0.56	25.77 0.35 -0.64	23.46 0.30 -0.38	23.21 0.45 -0.09
COLONIE_LFGE__ 323577	23.26 0.21 -15.14	21.14 0.22 -12.80	20.25 0.22 -11.81	19.45 0.22 -10.93	18.36 0.23 -9.76	18.41 0.21 -10.86	17.93 0.23 -9.14	17.73 0.23 -8.74	18.59 0.26 -9.18	18.11 0.37 -4.17	20.05 0.46 -2.51	20.46 0.55 -0.85	21.45 0.71 0.00	22.53 0.76 0.00	24.65 0.78 -1.59	26.19 0.86 -0.66	35.48 0.99 -6.99	41.62 1.03 -13.44	44.59 1.37 -8.88	42.44 1.09 -14.69	32.81 1.19 -3.81	30.12 0.99 -4.35	26.24 0.87 -2.58	24.02 0.72 -0.64
COOPERNY_115KV_TB1 80082	17.32 0.19 -9.22	16.11 0.19 -7.80	15.60 0.19 -7.19	15.15 0.19 -6.66	14.47 0.17 -5.94	14.10 0.14 -6.61	14.31 0.18 -5.56	14.28 0.20 -5.32	14.99 0.24 -5.59	16.47 0.35 -2.54	19.07 0.46 -1.53	20.13 0.55 -0.52	21.43 0.68 0.00	22.45 0.67 0.00	23.99 0.74 -0.97	25.94 0.86 -0.40	32.69 0.93 -4.26	37.65 0.84 -9.65	42.21 1.03 -6.85	36.81 0.80 -9.36	30.88 0.75 -2.32	28.15 0.72 -2.65	24.98 0.62 -1.57	23.52 0.48 -0.39
COPENHAGEN_WT_PWR 323753	10.30 -0.30 -2.70	10.39 -0.33 -2.61	10.52 -0.30 -2.59	10.53 -0.32 -2.55	10.54 -0.33 -2.50	9.40 -0.27 -2.33	10.79 -0.30 -2.52	11.00 -0.32 -2.55	11.51 -0.32 -2.68	16.38 -0.61 -3.41	20.54 -0.72 -4.17	22.73 -0.86 -4.53	24.27 -0.97 -4.50	25.96 -0.94 -5.12	26.73 -0.91 -5.36	29.49 -1.04 -5.85	33.61 -0.85 -6.96	33.97 -0.57 -7.39	42.90 -0.38 -8.95	33.89 -0.13 -7.37	34.67 -0.14 -7.01	30.96 -0.12 -6.30	27.93 -0.48 -5.62	27.64 -0.50 -5.48
CORNELL____ 23752	10.85 0.21 -2.73	10.62 0.20 -2.30	10.55 0.20 -2.13	10.46 0.19 -1.97	10.31 0.19 -1.76	9.48 0.18 -1.96	10.42 0.21 -1.65	10.57 0.24 -1.57	11.02 0.21 -1.65	14.59 0.26 -0.75	17.86 0.32 -0.45	19.56 0.34 -0.15	21.16 0.41 0.00	22.23 0.46 0.00	23.01 0.45 -0.29	25.31 0.52 -0.12	29.44 0.69 -1.26	30.59 0.76 -2.68	37.28 1.10 -1.85	30.23 0.85 -2.72	29.44 0.95 -0.69	26.31 0.74 -0.78	23.87 0.62 -0.47	23.45 0.68 -0.12
CORONA_AV_69_KV_TB1 355595	24.24 0.55 -15.78	19.02 0.58 -10.33	18.28 0.53 -9.52	17.62 0.51 -8.82	16.67 0.43 -7.87	16.48 0.37 -8.76	16.45 0.51 -7.37	16.42 0.61 -7.05	17.52 0.67 -7.70	20.33 1.02 -5.73	23.53 1.25 -5.20	27.59 1.45 -7.08	28.80 1.72 -6.33	32.76 1.72 -9.27	33.37 1.83 -9.26	36.15 2.12 -9.35	35.61 2.28 -5.83	42.60 2.17 -13.27	46.34 2.68 -9.33	41.12 2.00 -12.47	35.01 1.95 -5.26	34.78 1.86 -8.13	32.61 1.75 -8.06	30.32 1.52 -6.14
CORTLAND_115KV_TB3 80093	10.27 0.13 -2.23	10.12 0.12 -1.88	10.08 0.12 -1.74	10.02 0.12 -1.61	9.92 0.12 -1.43	9.06 0.11 -1.60	10.04 0.13 -1.34	10.20 0.15 -1.28	10.63 0.13 -1.35	14.34 0.15 -0.61	17.64 0.19 -0.37	19.40 0.21 -0.12	21.00 0.25 0.00	22.08 0.30 0.00	22.78 0.27 -0.23	25.09 0.32 -0.10	28.94 0.41 -1.03	29.78 0.43 -2.19	36.46 0.62 -1.51	29.35 0.48 -2.22	28.89 0.53 -0.56	25.84 0.42 -0.64	23.51 0.34 -0.38	23.16 0.41 -0.09
COXSACKIE___GT 23611	22.36 0.30 -14.15	20.34 0.26 -11.96	19.51 0.26 -11.03	18.76 0.24 -10.22	17.71 0.23 -9.12	17.71 0.21 -10.15	17.31 0.21 -8.54	17.10 0.18 -8.17	17.92 0.18 -8.58	17.74 0.27 -3.89	19.70 0.27 -2.34	20.31 0.46 -0.79	21.47 0.73 0.00	22.62 0.85 0.00	24.62 0.85 -1.49	26.45 1.16 -0.62	35.49 1.46 -6.54	42.51 1.90 -13.46	46.22 2.71 -9.18	42.58 1.94 -13.98	33.37 2.00 -3.56	30.46 1.61 -4.07	26.50 1.30 -2.41	24.43 1.18 -0.60
CPV_VALLEY___CC1 323721	18.70 0.20 -10.60	17.28 0.20 -8.96	16.68 0.20 -8.26	16.14 0.20 -7.65	15.36 0.17 -6.83	15.08 0.14 -7.60	15.15 0.19 -6.39	15.08 0.21 -6.11	15.83 0.25 -6.43	16.87 0.38 -2.91	19.34 0.50 -1.75	20.26 0.61 -0.59	21.49 0.75 0.00	22.51 0.74 0.00	24.20 0.80 -1.11	26.09 0.96 -0.46	33.38 0.99 -4.89	39.28 0.92 -11.20	43.43 1.13 -7.97	38.26 0.83 -10.78	31.25 0.78 -2.67	28.60 0.77 -3.04	25.26 0.66 -1.81	23.58 0.48 -0.45

CPV_VALLEY__CC2 323722	18.70 0.20 -10.60	17.28 0.20 -8.96	16.68 0.20 -8.26	16.14 0.20 -7.65	15.36 0.17 -6.83	15.08 0.14 -7.60	15.15 0.19 -6.39	15.08 0.21 -6.11	15.83 0.25 -6.43	16.87 0.38 -2.91	19.34 0.50 -1.75	20.26 0.61 -0.59	21.49 0.75 0.00	22.51 0.74 0.00	24.20 0.80 -1.11	26.09 0.96 -0.46	33.38 0.99 -4.89	39.28 0.92 -11.20	43.43 1.13 -7.97	38.26 0.83 -10.78	31.25 0.78 -2.67	28.60 0.77 -3.04	25.26 0.66 -1.81	23.58 0.48 -0.45
CRESCENT__HYD 24018	23.26 0.21 -15.14	21.14 0.22 -12.80	20.25 0.22 -11.81	19.45 0.22 -10.93	18.36 0.23 -9.76	18.41 0.21 -10.86	17.93 0.23 -9.14	17.73 0.23 -8.74	18.59 0.26 -9.18	18.11 0.37 -4.17	20.05 0.46 -2.51	20.46 0.55 -0.85	21.45 0.71 0.00	22.53 0.76 0.00	24.65 0.78 -1.59	26.19 0.86 -0.66	35.48 0.99 -6.99	41.62 1.03 -13.44	44.59 1.37 -8.88	42.44 1.09 -14.69	32.81 1.19 -3.81	30.12 0.99 -4.35	26.24 0.87 -2.58	24.02 0.72 -0.64
CRICKET__VALLEY_CC1 323756	20.95 0.21 -12.83	19.18 0.22 -10.85	18.45 0.22 -10.01	17.79 0.23 -9.27	16.84 0.21 -8.27	16.72 0.17 -9.20	16.52 0.21 -7.74	16.41 0.24 -7.40	17.22 0.28 -7.78	17.52 0.41 -3.53	19.77 0.56 -2.13	20.43 0.65 -0.72	21.54 0.79 0.00	22.58 0.81 0.00	24.50 0.87 -1.35	26.19 0.96 -0.56	34.41 0.99 -5.93	26.01 0.92 2.07	29.81 1.10 5.62	36.14 0.80 -8.69	31.84 0.81 -3.23	29.26 0.79 -3.69	25.68 0.71 -2.19	23.72 0.52 -0.54
CRICKET__VALLEY_CC2 323757	20.95 0.21 -12.83	19.18 0.22 -10.85	18.45 0.22 -10.01	17.79 0.23 -9.27	16.84 0.21 -8.27	16.72 0.17 -9.20	16.52 0.21 -7.74	16.41 0.24 -7.40	17.22 0.28 -7.78	17.52 0.41 -3.53	19.77 0.56 -2.13	20.43 0.65 -0.72	21.54 0.79 0.00	22.58 0.81 0.00	24.50 0.87 -1.35	26.19 0.96 -0.56	34.41 0.99 -5.93	26.01 0.92 2.07	29.81 1.10 5.62	36.14 0.80 -8.69	31.84 0.81 -3.23	29.26 0.79 -3.69	25.68 0.71 -2.19	23.72 0.52 -0.54
CRICKET__VALLEY_CC3 323758	20.95 0.21 -12.83	19.18 0.22 -10.85	18.45 0.22 -10.01	17.79 0.23 -9.27	16.84 0.21 -8.27	16.72 0.17 -9.20	16.52 0.21 -7.74	16.41 0.24 -7.40	17.22 0.28 -7.78	17.52 0.41 -3.53	19.77 0.56 -2.13	20.43 0.65 -0.72	21.54 0.79 0.00	22.58 0.81 0.00	24.50 0.87 -1.35	26.19 0.96 -0.56	34.41 0.99 -5.93	26.01 0.92 2.07	29.81 1.10 5.62	36.14 0.80 -8.69	31.84 0.81 -3.23	29.26 0.79 -3.69	25.68 0.71 -2.19	23.72 0.52 -0.54
CRUCIBLE_METL_DRP 24180	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
DAHOWA__HYDRO 323763	23.68 0.40 -15.38	21.51 0.40 -13.00	20.61 0.39 -11.99	19.79 0.39 -11.10	18.68 0.40 -9.91	18.74 0.37 -11.03	18.25 0.40 -9.28	18.04 0.40 -8.87	18.89 0.41 -9.33	18.43 0.62 -4.23	20.30 0.67 -2.55	20.76 0.84 -0.86	21.83 1.08 0.00	22.97 1.20 0.00	25.08 1.18 -1.62	26.65 1.31 -0.67	36.30 1.71 -7.10	42.88 1.82 -13.91	46.11 2.50 -9.28	43.73 2.08 -14.99	33.93 2.25 -3.87	30.99 1.79 -4.42	26.96 1.55 -2.62	24.71 1.41 -0.65
DANC__LFGE 323619	9.89 -0.21 -2.19	9.96 -0.23 -2.07	10.06 -0.21 -2.04	10.07 -0.22 -1.99	10.07 -0.23 -1.93	8.99 -0.19 -1.84	10.28 -0.21 -1.93	10.49 -0.21 -1.94	10.97 -0.23 -2.04	15.59 -0.42 -2.43	19.48 -0.51 -2.91	21.57 -0.61 -3.12	23.12 -0.71 -3.08	24.58 -0.70 -3.50	25.29 -0.69 -3.70	27.89 -0.79 -4.01	31.73 -0.69 -4.92	32.03 -0.52 -5.39	40.27 -0.41 -6.35	31.79 -0.24 -5.38	32.46 -0.22 -4.88	28.99 -0.20 -4.40	26.28 -0.41 -3.90	26.05 -0.36 -3.76
DANSKAMMER__1 23586	20.46 0.33 -12.22	18.77 0.32 -10.33	18.08 0.33 -9.52	17.44 0.32 -8.82	16.51 0.28 -7.87	16.34 0.24 -8.76	16.22 0.28 -7.37	16.12 0.31 -7.05	16.93 0.37 -7.41	17.48 0.54 -3.36	19.83 0.72 -2.02	20.62 0.88 -0.68	21.85 1.10 0.00	22.90 1.13 0.00	24.79 1.22 -1.28	26.68 1.48 -0.53	34.73 1.59 -5.64	41.48 1.52 -12.81	45.37 1.96 -9.09	40.49 1.44 -12.40	32.21 1.33 -3.08	29.58 1.29 -3.51	25.99 1.12 -2.08	24.08 0.91 -0.52
DANSKAMMER__2 23589	20.46 0.33 -12.22	18.77 0.32 -10.33	18.08 0.33 -9.52	17.44 0.32 -8.82	16.51 0.28 -7.87	16.34 0.24 -8.76	16.22 0.28 -7.37	16.12 0.31 -7.05	16.93 0.37 -7.41	17.48 0.54 -3.36	19.83 0.72 -2.02	20.62 0.88 -0.68	21.85 1.10 0.00	22.90 1.13 0.00	24.79 1.22 -1.28	26.68 1.48 -0.53	34.73 1.59 -5.64	41.48 1.52 -12.81	45.37 1.96 -9.09	40.49 1.44 -12.40	32.21 1.33 -3.08	29.58 1.29 -3.51	25.99 1.12 -2.08	24.08 0.91 -0.52
DANSKAMMER__3 23590	20.46 0.33 -12.22	18.77 0.32 -10.33	18.08 0.33 -9.52	17.44 0.32 -8.82	16.51 0.28 -7.87	16.34 0.24 -8.76	16.22 0.28 -7.37	16.12 0.31 -7.05	16.93 0.37 -7.41	17.48 0.54 -3.36	19.83 0.72 -2.02	20.62 0.88 -0.68	21.85 1.10 0.00	22.90 1.13 0.00	24.79 1.22 -1.28	26.68 1.48 -0.53	34.73 1.59 -5.64	41.48 1.52 -12.81	45.37 1.96 -9.09	40.49 1.44 -12.40	32.21 1.33 -3.08	29.58 1.29 -3.51	25.99 1.12 -2.08	24.08 0.91 -0.52
DANSKAMMER__4 23591	20.46 0.33 -12.22	18.77 0.32 -10.33	18.08 0.33 -9.52	17.44 0.32 -8.82	16.51 0.28 -7.87	16.34 0.24 -8.76	16.22 0.28 -7.37	16.12 0.31 -7.05	16.93 0.37 -7.41	17.48 0.54 -3.36	19.83 0.72 -2.02	20.62 0.88 -0.68	21.85 1.10 0.00	22.90 1.13 0.00	24.79 1.22 -1.28	26.68 1.48 -0.53	34.73 1.59 -5.64	41.48 1.52 -12.81	45.37 1.96 -9.09	40.49 1.44 -12.40	32.21 1.33 -3.08	29.58 1.29 -3.51	25.99 1.12 -2.08	24.08 0.91 -0.52
DANSKAMMER__DIESEL 23592	20.46 0.33 -12.22	18.78 0.33 -10.33	18.08 0.33 -9.52	17.44 0.32 -8.82	16.51 0.28 -7.87	16.34 0.24 -8.76	16.22 0.28 -7.37	16.13 0.32 -7.05	16.93 0.37 -7.41	17.48 0.54 -3.36	19.83 0.72 -2.02	20.60 0.86 -0.68	21.87 1.12 0.00	22.90 1.13 0.00	24.79 1.23 -1.28	26.66 1.46 -0.53	34.73 1.59 -5.64	41.48 1.52 -12.81	45.38 1.96 -9.09	40.50 1.44 -12.40	32.21 1.33 -3.08	29.58 1.29 -3.51	25.99 1.12 -2.08	24.08 0.91 -0.52
DARBY__SOLAR 323810	23.62 0.37 -15.34	21.46 0.37 -12.97	20.56 0.37 -11.96	19.75 0.37 -11.08	18.64 0.38 -9.89	18.70 0.35 -11.00	18.20 0.38 -9.26	17.99 0.38 -8.85	18.86 0.40 -9.31	18.41 0.61 -4.22	20.29 0.67 -2.54	20.74 0.82 -0.86	21.80 1.06 0.00	22.93 1.15 0.00	25.05 1.16 -1.61	26.60 1.26 -0.67	36.20 1.62 -7.09	42.70 1.71 -13.83	45.88 2.34 -9.21	43.52 1.92 -14.94	33.75 2.09 -3.86	30.85 1.66 -4.41	26.84 1.44 -2.62	24.62 1.31 -0.65
DASHVILLE__HYD 23610	20.64 0.17 -12.56	18.90 0.17 -10.62	18.18 0.16 -9.79	17.53 0.17 -9.07	16.57 0.11 -8.09	16.43 0.08 -9.00	16.26 0.12 -7.58	16.16 0.15 -7.25	16.96 0.19 -7.62	17.32 0.29 -3.45	19.58 0.41 -2.08	20.28 0.51 -0.70	21.56 0.81 0.00	22.56 0.78 0.00	24.38 0.78 -1.32	26.18 0.96 -0.55	34.31 1.02 -5.80	41.29 1.38 -12.75	44.98 1.72 -8.93	40.09 0.80 -12.63	31.66 0.70 -3.16	29.13 0.74 -3.61	25.57 0.64 -2.14	23.60 0.41 -0.53

DEERFIELD_69_KV_DEERFIELD LD 355887	24.70 1.01 -15.78	19.47 1.03 -10.33	18.72 0.97 -9.52	18.04 0.92 -8.82	17.06 0.83 -7.87	16.83 0.72 -8.76	16.85 0.92 -7.37	16.86 1.05 -7.05	18.04 1.18 -7.70	21.14 1.83 -5.73	24.51 2.22 -5.20	28.87 2.73 -7.09	32.50 3.13 -8.62	40.62 3.22 -15.62	42.29 3.32 -16.69	60.96 3.90 -32.39	85.52 4.23 -53.79	125.21 4.13 -93.92	123.34 5.12 -83.90	90.11 3.87 -59.59	50.63 3.95 -18.88	46.51 3.54 -18.18	34.19 3.14 -8.26	31.68 2.88 -6.15
DELAWARE___LFGE 323621	13.08 0.21 -4.96	12.52 0.21 -4.19	12.30 0.21 -3.87	12.08 0.21 -3.58	11.77 0.21 -3.20	11.09 0.19 -3.55	11.79 0.23 -2.99	11.86 0.24 -2.86	12.43 0.27 -3.01	15.30 0.35 -1.36	18.38 0.48 -0.82	19.87 0.53 -0.28	21.41 0.66 0.00	22.49 0.72 0.00	23.54 0.74 -0.52	25.70 0.81 -0.22	30.77 0.99 -2.29	33.00 0.98 -4.87	38.94 1.24 -3.37	32.58 0.99 -4.94	30.05 1.00 -1.25	27.10 0.89 -1.42	24.34 0.71 -0.85	23.48 0.61 -0.21
DERFIELD_115KV_TB7 355931	7.86 -0.05 0.00	8.07 -0.05 0.00	8.17 -0.05 0.00	8.25 -0.05 0.00	8.31 -0.05 0.00	7.31 -0.04 0.00	8.51 -0.05 0.00	8.71 -0.05 0.00	9.11 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.62 -0.12 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.36 -0.14 0.00	27.05 -0.11 0.00	34.19 -0.14 0.00	26.55 -0.11 0.00	27.69 -0.11 0.00	24.68 -0.10 0.00	22.67 -0.11 0.00	22.54 -0.11 0.00
DOGLEVILLE___HYD 23807	7.77 -0.13 0.00	7.99 -0.13 0.00	8.10 -0.12 0.00	8.17 -0.12 0.00	8.25 -0.12 0.00	7.25 -0.10 0.00	8.47 -0.09 0.00	8.67 -0.09 0.00	9.10 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.60 -0.14 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.41 -0.08 0.00	27.13 -0.03 0.00	34.33 0.00 0.00	26.68 0.03 0.00	27.83 0.03 0.00	24.88 0.10 0.00	22.79 0.00 0.00	22.64 -0.02 0.00
DUNKIRK___115KV_TB_200 55889	10.37 0.34 -2.12	10.24 0.32 -1.80	10.20 0.32 -1.66	10.19 0.37 -1.53	10.13 0.39 -1.37	9.22 0.35 -1.52	10.18 0.33 -1.28	10.21 0.23 -1.23	10.51 0.06 -1.29	14.34 0.18 -0.58	17.51 0.07 -0.35	19.16 -0.02 -0.12	21.08 0.33 0.00	22.12 0.35 0.00	22.55 0.04 -0.22	24.99 0.22 -0.09	28.42 -0.05 -0.98	29.27 0.03 -2.09	35.71 -0.07 -1.44	28.83 0.05 -2.12	28.50 0.17 -0.53	25.59 0.20 -0.61	23.35 0.21 -0.36	23.16 0.41 -0.09
DUNKIRK___1 23563	10.37 0.34 -2.12	10.24 0.32 -1.80	10.20 0.32 -1.66	10.19 0.37 -1.53	10.13 0.39 -1.37	9.22 0.35 -1.52	10.18 0.33 -1.28	10.21 0.23 -1.23	10.51 0.06 -1.29	14.34 0.18 -0.58	17.51 0.07 -0.35	19.16 -0.02 -0.12	21.08 0.33 0.00	22.12 0.35 0.00	22.55 0.04 -0.22	24.99 0.22 -0.09	28.42 -0.05 -0.98	29.27 0.03 -2.09	35.71 -0.07 -1.44	28.83 0.05 -2.12	28.50 0.17 -0.53	25.59 0.20 -0.61	23.35 0.21 -0.36	23.16 0.41 -0.09
DUNKIRK___2 23564	10.37 0.34 -2.12	10.24 0.32 -1.80	10.20 0.32 -1.66	10.19 0.37 -1.53	10.13 0.39 -1.37	9.22 0.35 -1.52	10.18 0.33 -1.28	10.21 0.23 -1.23	10.51 0.06 -1.29	14.34 0.18 -0.58	17.51 0.07 -0.35	19.16 -0.02 -0.12	21.08 0.33 0.00	22.12 0.35 0.00	22.55 0.04 -0.22	24.99 0.22 -0.09	28.42 -0.05 -0.98	29.27 0.03 -2.09	35.71 -0.07 -1.44	28.83 0.05 -2.12	28.50 0.17 -0.53	25.59 0.20 -0.61	23.35 0.21 -0.36	23.16 0.41 -0.09
DUNKIRK___3 23565	10.31 0.28 -2.12	10.20 0.29 -1.79	10.16 0.29 -1.65	10.16 0.33 -1.53	10.10 0.37 -1.37	9.19 0.32 -1.52	10.14 0.30 -1.28	10.17 0.18 -1.22	10.46 0.02 -1.28	14.26 0.10 -0.58	17.39 -0.05 -0.35	19.05 -0.13 -0.12	20.95 0.21 0.00	21.99 0.22 0.00	22.41 -0.09 -0.22	24.81 0.05 -0.09	28.23 -0.25 -0.98	29.05 -0.19 -2.08	35.43 -0.34 -1.44	28.61 -0.16 -2.11	28.28 -0.06 -0.53	25.39 0.00 -0.61	23.17 0.02 -0.36	23.00 0.25 -0.09
DUNKIRK___4 23566	10.31 0.28 -2.12	10.20 0.29 -1.79	10.16 0.29 -1.65	10.16 0.33 -1.53	10.10 0.37 -1.37	9.19 0.32 -1.52	10.14 0.30 -1.28	10.17 0.18 -1.22	10.46 0.02 -1.28	14.26 0.10 -0.58	17.39 -0.05 -0.35	19.05 -0.13 -0.12	20.95 0.21 0.00	21.99 0.22 0.00	22.41 -0.09 -0.22	24.81 0.05 -0.09	28.23 -0.25 -0.98	29.05 -0.19 -2.08	35.43 -0.34 -1.44	28.61 -0.16 -2.11	28.28 -0.06 -0.53	25.39 0.00 -0.61	23.17 0.02 -0.36	23.00 0.25 -0.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.48 0.36 -12.21	18.81 0.37 -10.32	18.11 0.37 -9.52	17.49 0.37 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.22 0.41 -7.05	17.02 0.46 -7.41	17.64 0.71 -3.36	20.01 0.91 -2.02	20.85 1.11 -0.68	22.10 1.35 0.00	23.10 1.33 0.00	24.97 1.40 -1.28	26.83 1.63 -0.53	34.87 1.73 -5.64	41.81 1.60 -13.05	45.58 1.92 -9.33	40.56 1.44 -12.47	32.24 1.36 -3.07	29.68 1.39 -3.51	26.10 1.23 -2.08	24.17 1.00 -0.52
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.05 0.28 -11.85	18.42 0.28 -10.02	17.74 0.28 -9.24	17.13 0.27 -8.56	16.24 0.23 -7.64	16.05 0.20 -8.50	15.97 0.25 -7.15	15.88 0.28 -6.84	16.66 0.32 -7.19	17.33 0.49 -3.26	19.68 0.63 -1.96	20.49 0.76 -0.66	21.72 0.98 0.00	22.75 0.98 0.00	24.60 1.07 -1.25	26.45 1.26 -0.52	34.32 1.35 -5.47	40.91 1.30 -12.46	44.79 1.61 -8.85	39.90 1.20 -12.04	31.90 1.11 -2.98	29.28 1.09 -3.41	25.74 0.93 -2.02	23.91 0.75 -0.50
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.55 0.43 -12.22	18.88 0.44 -10.33	18.18 0.43 -9.53	17.56 0.44 -8.82	16.63 0.38 -7.88	16.40 0.29 -8.76	16.29 0.36 -7.37	16.17 0.37 -7.05	16.97 0.41 -7.41	17.60 0.67 -3.36	20.03 0.92 -2.02	20.93 1.18 -0.68	22.05 1.31 0.00	23.01 1.24 0.00	24.90 1.34 -1.28	26.76 1.55 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	32.02 1.14 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
E179THST_13_KV_LOAD 356214	20.59 0.47 -12.22	18.93 0.48 -10.33	18.22 0.47 -9.53	17.60 0.48 -8.82	16.66 0.42 -7.88	16.43 0.32 -8.76	16.33 0.39 -7.37	16.21 0.40 -7.05	17.02 0.46 -7.41	17.67 0.73 -3.36	20.12 1.01 -2.02	21.04 1.30 -0.68	22.16 1.41 0.00	23.12 1.35 0.00	25.01 1.45 -1.28	26.88 1.68 -0.53	34.87 1.73 -5.64	41.78 1.57 -13.05	45.44 1.79 -9.33	40.45 1.33 -12.46	32.16 1.28 -3.07	29.80 1.51 -3.51	26.31 1.44 -2.08	24.42 1.25 -0.52
EAST HAMPTON___GT 23717	24.85 1.16 -15.78	19.61 1.17 -10.33	18.85 1.11 -9.52	18.18 1.06 -8.82	17.20 0.96 -7.87	16.95 0.84 -8.76	17.00 1.06 -7.37	17.01 1.20 -7.05	18.22 1.36 -7.70	21.42 2.10 -5.73	24.85 2.56 -5.20	29.33 3.18 -7.09	32.98 3.61 -8.62	41.19 3.79 -15.63	42.84 3.88 -16.69	61.70 4.64 -32.39	86.30 5.01 -53.80	125.95 4.86 -93.94	124.29 6.04 -83.92	90.81 4.56 -59.59	51.33 4.64 -18.88	47.11 4.14 -18.18	34.69 3.65 -8.26	32.16 3.35 -6.15
EAST RIVER___6 23660	20.51 0.40 -12.21	18.84 0.41 -10.32	18.15 0.41 -9.52	17.54 0.42 -8.82	16.59 0.36 -7.87	16.41 0.31 -8.76	16.33 0.40 -7.37	16.26 0.46 -7.05	17.06 0.50 -7.41	17.73 0.79 -3.36	20.10 0.99 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.21 1.44 0.00	25.06 1.49 -1.28	26.98 1.78 -0.53	35.01 1.87 -5.64	41.97 1.76 -13.05	45.72 2.06 -9.33	40.64 1.52 -12.46	32.29 1.42 -3.07	29.80 1.51 -3.51	26.24 1.37 -2.08	24.28 1.11 -0.52

EAST_RIVER___7 23524	20.51 0.40 -12.21	18.84 0.41 -10.32	18.15 0.41 -9.52	17.54 0.42 -8.82	16.59 0.36 -7.87	16.41 0.31 -8.76	16.33 0.40 -7.37	16.26 0.46 -7.05	17.06 0.50 -7.41	17.73 0.79 -3.36	20.10 0.99 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.21 1.44 0.00	25.06 1.49 -1.28	26.98 1.78 -0.53	35.01 1.87 -5.64	41.97 1.76 -13.05	45.72 2.06 -9.33	40.64 1.52 -12.46	32.29 1.42 -3.07	29.80 1.51 -3.51	26.24 1.37 -2.08	24.28 1.11 -0.52
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.43 0.34 -12.19	18.77 0.36 -10.30	18.07 0.35 -9.50	17.44 0.35 -8.80	16.53 0.31 -7.85	16.35 0.26 -8.74	16.25 0.33 -7.35	16.18 0.39 -7.03	16.98 0.43 -7.39	17.60 0.67 -3.35	19.96 0.85 -2.02	20.77 1.03 -0.68	22.01 1.27 0.00	23.03 1.26 0.00	24.90 1.34 -1.28	26.73 1.53 -0.53	34.74 1.62 -5.63	41.70 1.52 -13.02	45.46 1.82 -9.31	40.45 1.36 -12.44	32.15 1.28 -3.07	29.57 1.29 -3.50	26.03 1.16 -2.08	24.10 0.93 -0.52
EAST_HAMPTON___DIESEL 23722	24.85 1.16 -15.78	19.62 1.18 -10.33	18.86 1.12 -9.52	18.18 1.06 -8.82	17.21 0.97 -7.87	16.95 0.84 -8.76	17.00 1.06 -7.37	17.02 1.21 -7.05	18.22 1.36 -7.70	21.43 2.12 -5.73	24.87 2.58 -5.20	29.35 3.20 -7.09	33.00 3.63 -8.62	41.19 3.79 -15.63	42.87 3.90 -16.69	61.70 4.64 -32.39	86.30 5.01 -53.80	125.98 4.89 -93.94	124.33 6.08 -83.92	90.84 4.59 -59.59	51.33 4.64 -18.88	47.11 4.14 -18.18	34.71 3.67 -8.26	32.18 3.38 -6.15
EAST_PULASKI___ESR 323781	9.49 -0.09 -1.67	9.55 -0.11 -1.54	9.61 -0.10 -1.48	9.62 -0.11 -1.43	9.61 -0.11 -1.36	8.60 -0.09 -1.34	9.80 -0.10 -1.34	9.99 -0.10 -1.33	10.44 -0.11 -1.40	14.81 -0.20 -1.44	18.47 -0.26 -1.64	20.45 -0.30 -1.69	22.00 -0.39 -1.64	23.25 -0.39 -1.87	23.89 -0.42 -2.03	26.37 -0.47 -2.17	29.89 -0.47 -2.86	30.15 -0.38 -3.38	37.69 -0.38 -3.74	29.79 -0.24 -3.38	30.32 -0.22 -2.73	27.06 -0.22 -2.50	24.71 -0.25 -2.17	24.51 -0.18 -2.03
EAST_RIVER___1 323558	20.51 0.39 -12.21	18.83 0.39 -10.32	18.14 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.31 0.38 -7.37	16.24 0.43 -7.05	17.05 0.48 -7.41	17.70 0.76 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.16 1.41 0.00	23.19 1.41 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.95 1.81 -5.64	41.89 1.68 -13.05	45.61 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.75 1.46 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52
EAST_RIVER___2 323559	20.51 0.40 -12.21	18.84 0.41 -10.32	18.15 0.41 -9.52	17.54 0.42 -8.82	16.59 0.36 -7.87	16.41 0.31 -8.76	16.33 0.40 -7.37	16.26 0.46 -7.05	17.06 0.50 -7.41	17.73 0.79 -3.36	20.10 0.99 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.21 1.44 0.00	25.06 1.49 -1.28	26.98 1.78 -0.53	35.01 1.87 -5.64	41.97 1.76 -13.05	45.72 2.06 -9.33	40.64 1.52 -12.46	32.29 1.42 -3.07	29.80 1.51 -3.51	26.24 1.37 -2.08	24.28 1.11 -0.52
EAST___DELAWARE_HYD 23607	19.09 0.19 -10.99	17.58 0.17 -9.29	16.95 0.16 -8.57	16.38 0.15 -7.93	15.54 0.09 -7.08	15.30 0.07 -7.88	15.30 0.10 -6.63	15.23 0.13 -6.34	15.99 0.17 -6.66	16.85 0.24 -3.02	19.26 0.36 -1.82	20.13 0.46 -0.62	21.37 0.62 0.00	22.40 0.63 0.00	24.17 0.73 -1.16	26.09 0.94 -0.48	33.62 1.04 -5.08	39.53 1.01 -11.36	43.69 1.34 -8.02	38.75 0.99 -11.11	31.43 0.86 -2.77	28.81 0.87 -3.16	25.34 0.68 -1.87	23.60 0.48 -0.47
EIGHT_POINT___WT_PWR 323820	10.71 0.28 -2.53	10.53 0.28 -2.14	10.46 0.27 -1.97	10.41 0.29 -1.83	10.30 0.31 -1.63	9.43 0.27 -1.81	10.36 0.27 -1.53	10.45 0.23 -1.46	10.82 0.13 -1.53	14.48 0.20 -0.70	17.64 0.14 -0.42	19.37 0.17 -0.14	21.18 0.44 0.00	22.25 0.48 0.00	22.81 0.27 -0.27	25.45 0.67 -0.11	28.99 0.33 -1.17	30.07 0.43 -2.48	36.67 0.62 -1.72	29.71 0.53 -2.52	29.11 0.67 -0.64	26.03 0.52 -0.73	23.65 0.43 -0.43	23.26 0.50 -0.11
ELBRIDGE_115KV_TB2 80188	9.32 0.05 -1.37	9.31 0.04 -1.16	9.33 0.04 -1.07	9.32 0.03 -0.99	9.28 0.03 -0.88	8.37 0.04 -0.98	9.43 0.04 -0.82	9.61 0.06 -0.79	10.02 0.04 -0.83	14.01 0.05 -0.38	17.38 0.07 -0.23	19.19 0.06 -0.08	20.77 0.02 0.00	21.81 0.04 0.00	22.45 0.02 -0.14	24.73 0.00 -0.06	28.15 0.03 -0.63	28.52 0.03 -1.34	35.29 0.03 -0.93	28.04 0.03 -1.36	28.20 0.06 -0.34	25.18 0.00 -0.39	23.07 0.05 -0.23	22.87 0.16 -0.06
ELEC_TRO_TEK 24086	24.17 0.49 -15.78	18.95 0.51 -10.33	18.21 0.47 -9.52	17.56 0.45 -8.82	16.61 0.38 -7.87	16.43 0.32 -8.76	16.40 0.46 -7.37	16.37 0.56 -7.05	17.46 0.60 -7.70	20.23 0.92 -5.73	23.41 1.13 -5.20	27.46 1.32 -7.08	28.66 1.58 -6.34	32.62 1.57 -9.28	33.21 1.65 -9.28	35.95 1.92 -9.35	35.42 2.03 -5.89	42.42 1.93 -13.33	46.03 2.37 -9.33	40.88 1.76 -12.47	34.79 1.72 -5.26	34.58 1.66 -8.13	32.40 1.55 -8.06	30.14 1.34 -6.15
ELLENBURG_WT_PWR 323604	0.53 -1.64 5.74	0.53 -1.70 5.89	0.52 -1.69 6.02	0.52 -1.71 6.06	0.54 -1.71 6.11	0.58 -1.48 5.28	0.57 -1.70 6.30	1.07 -1.68 6.01	1.09 -1.69 6.37	1.36 -2.57 9.65	1.39 -3.13 12.56	2.94 -3.47 12.65	2.98 -3.80 13.97	2.95 -3.94 14.88	2.93 -3.99 15.36	1.92 -4.52 18.24	2.08 -4.79 20.63	5.43 -4.54 17.19	4.87 -5.59 23.86	3.85 -4.32 18.49	1.27 -4.64 21.89	1.22 -4.16 19.40	1.17 -4.10 17.51	1.15 -4.15 17.36
ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.17 0.25 -2.02	10.11 0.29 -1.70	10.11 0.31 -1.57	10.11 0.36 -1.46	10.06 0.40 -1.30	9.15 0.35 -1.45	10.10 0.32 -1.22	10.10 0.18 -1.16	10.35 -0.03 -1.22	14.16 0.03 -0.55	17.25 -0.17 -0.33	18.89 -0.29 -0.11	20.68 -0.06 0.00	21.68 -0.09 0.00	22.20 -0.29 -0.21	24.56 -0.20 -0.09	27.88 -0.55 -0.93	28.59 -0.54 -1.98	34.91 -0.79 -1.37	28.16 -0.51 -2.01	27.92 -0.39 -0.51	25.14 -0.22 -0.58	22.97 -0.16 -0.34	22.88 0.14 -0.09
EMPIRE_CC_1 323656	22.37 0.07 -14.39	20.37 0.09 -12.16	19.56 0.12 -11.22	18.81 0.12 -10.39	17.77 0.13 -9.27	17.78 0.11 -10.32	17.37 0.12 -8.68	17.14 0.08 -8.30	17.98 0.10 -8.73	17.70 0.16 -3.96	19.66 0.19 -2.38	20.11 0.25 -0.81	21.10 0.35 0.00	22.16 0.39 0.00	24.22 0.42 -1.51	25.74 0.44 -0.63	34.55 0.41 -6.65	39.87 0.46 -12.25	42.85 0.58 -7.93	40.92 0.45 -13.81	31.95 0.53 -3.62	29.36 0.45 -4.13	25.65 0.41 -2.45	23.54 0.27 -0.61
EMPIRE_CC_2 323658	22.37 0.07 -14.39	20.37 0.09 -12.16	19.56 0.12 -11.22	18.81 0.12 -10.39	17.77 0.13 -9.27	17.78 0.11 -10.32	17.37 0.12 -8.68	17.14 0.08 -8.30	17.98 0.10 -8.73	17.70 0.16 -3.96	19.66 0.19 -2.38	20.11 0.25 -0.81	21.10 0.35 0.00	22.16 0.39 0.00	24.22 0.42 -1.51	25.74 0.44 -0.63	34.55 0.41 -6.65	39.87 0.46 -12.25	42.85 0.58 -7.93	40.92 0.45 -13.81	31.95 0.53 -3.62	29.36 0.45 -4.13	25.65 0.41 -2.45	23.54 0.27 -0.61
ENORWICH_115KV_TB1 80156	12.04 0.46 -3.68	11.67 0.45 -3.11	11.54 0.45 -2.87	11.39 0.44 -2.66	11.19 0.45 -2.37	10.41 0.43 -2.64	11.31 0.53 -2.22	11.43 0.54 -2.12	11.95 0.57 -2.23	15.22 0.62 -1.01	18.50 0.80 -0.61	20.09 0.82 -0.21	21.78 1.04 0.00	23.01 1.24 0.00	23.91 1.25 -0.39	26.21 1.38 -0.16	31.20 2.01 -1.70	33.05 2.28 -3.61	40.06 3.23 -2.50	32.93 2.61 -3.67	31.45 2.72 -0.93	28.07 2.23 -1.06	25.08 1.66 -0.63	24.42 1.61 -0.16

ERIE_ST__34_KV_TB1-2 80199	10.16 0.17 -2.09	10.06 0.18 -1.77	10.03 0.18 -1.63	10.04 0.23 -1.51	9.99 0.28 -1.35	9.08 0.24 -1.50	10.02 0.20 -1.26	10.03 0.06 -1.21	10.30 -0.12 -1.27	14.03 -0.12 -0.58	17.11 -0.32 -0.35	18.74 -0.44 -0.12	20.93 0.19 0.00	21.97 0.20 0.00	22.08 -0.42 -0.22	24.49 -0.27 -0.09	27.86 -0.60 -0.97	28.67 -0.54 -2.05	34.93 -0.82 -1.42	28.21 -0.53 -2.08	27.91 -0.42 -0.53	25.04 -0.35 -0.60	22.85 -0.30 -0.36	22.68 -0.07 -0.09
ERIE_WT_PWR 323693	10.23 0.26 -2.06	10.16 0.30 -1.74	10.14 0.30 -1.61	10.14 0.36 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.13 0.32 -1.25	10.14 0.18 -1.19	10.39 -0.02 -1.25	14.19 0.04 -0.57	17.27 -0.15 -0.34	18.97 -0.21 -0.12	20.81 0.06 0.00	21.84 0.07 0.00	22.25 -0.24 -0.22	24.91 0.15 -0.09	27.98 -0.47 -0.95	28.75 -0.44 -2.03	35.08 -0.65 -1.40	28.31 -0.40 -2.06	28.05 -0.28 -0.52	25.23 -0.15 -0.59	23.05 -0.09 -0.35	22.91 0.16 -0.09
ESPRGFLD_115KV_TB1 80157	6.14 0.40 2.17	6.70 0.41 1.83	6.94 0.41 1.69	7.13 0.40 1.57	7.38 0.41 1.40	6.17 0.37 1.56	7.69 0.44 1.31	7.96 0.45 1.25	8.32 0.48 1.32	13.62 0.64 0.60	17.55 0.82 0.36	19.85 0.91 0.12	21.87 1.12 0.00	23.01 1.24 0.00	23.32 1.27 0.23	25.91 1.33 0.09	28.20 1.70 1.00	26.40 1.85 2.60	34.87 2.47 1.93	26.41 2.05 2.29	29.40 2.14 0.55	25.99 1.83 0.62	23.90 1.48 0.37	23.93 1.36 0.09
ETNA_115_KV_TB1_REV_LBMP_C 345029	10.83 0.21 -2.72	10.60 0.19 -2.30	10.53 0.19 -2.12	10.44 0.18 -1.96	10.30 0.18 -1.75	9.47 0.17 -1.95	10.41 0.21 -1.64	10.56 0.23 -1.57	11.00 0.20 -1.65	14.57 0.24 -0.75	17.83 0.29 -0.45	19.54 0.32 -0.15	21.12 0.37 0.00	22.19 0.41 0.00	22.97 0.40 -0.29	25.26 0.47 -0.12	29.38 0.63 -1.25	30.53 0.71 -2.67	37.21 1.03 -1.85	30.16 0.80 -2.71	29.38 0.89 -0.68	26.26 0.69 -0.78	23.84 0.59 -0.46	23.41 0.63 -0.11
ETNA____115KV_TB2 80207	10.83 0.21 -2.72	10.60 0.19 -2.30	10.53 0.19 -2.12	10.44 0.18 -1.96	10.30 0.18 -1.75	9.47 0.17 -1.95	10.41 0.21 -1.64	10.56 0.23 -1.57	11.00 0.20 -1.65	14.57 0.24 -0.75	17.83 0.29 -0.45	19.54 0.32 -0.15	21.12 0.37 0.00	22.19 0.41 0.00	22.97 0.40 -0.29	25.26 0.47 -0.12	29.38 0.63 -1.25	30.53 0.71 -2.67	37.21 1.03 -1.85	30.16 0.80 -2.71	29.38 0.89 -0.68	26.26 0.69 -0.78	23.84 0.59 -0.46	23.41 0.63 -0.11
EUCLID____115KV_TB2 356179	9.18 -0.02 -1.29	9.22 -0.02 -1.12	9.25 -0.02 -1.06	9.27 -0.02 -0.99	9.25 -0.03 -0.91	8.30 -0.01 -0.97	9.41 -0.03 -0.87	9.59 -0.02 -0.85	10.01 -0.04 -0.89	14.16 -0.05 -0.63	17.62 -0.07 -0.60	19.50 -0.10 -0.53	20.98 -0.19 -0.42	22.13 -0.17 -0.53	22.75 -0.20 -0.67	25.08 -0.25 -0.65	28.41 -0.27 -1.19	28.65 -0.27 -1.76	35.61 -0.34 -1.62	28.14 -0.29 -1.77	28.51 -0.28 -0.99	25.48 -0.25 -0.95	23.36 -0.18 -0.76	23.20 -0.07 -0.61
E_CANADA_CAP_HY 24051	27.05 0.51 -18.63	24.39 0.53 -15.75	23.27 0.53 -14.52	22.26 0.51 -13.45	20.90 0.53 -12.01	21.19 0.48 -13.36	20.35 0.55 -11.24	20.05 0.54 -10.75	21.01 0.56 -11.30	19.48 0.77 -5.12	21.13 0.96 -3.09	21.21 1.11 -1.04	22.09 1.35 0.00	23.25 1.48 0.00	25.76 1.52 -1.96	27.06 1.58 -0.81	38.08 1.98 -8.60	46.99 2.20 -17.64	49.36 3.02 -12.01	47.57 2.53 -18.38	35.16 2.67 -4.69	32.44 2.31 -5.35	27.90 1.94 -3.18	25.24 1.79 -0.79
E_CANADA_MHWK_HY 24050	7.77 -0.13 0.00	7.99 -0.13 0.00	8.10 -0.12 0.00	8.17 -0.12 0.00	8.25 -0.12 0.00	7.25 -0.10 0.00	8.47 -0.09 0.00	8.67 -0.09 0.00	9.10 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.60 -0.14 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.41 -0.08 0.00	27.13 -0.03 0.00	34.33 0.00 0.00	26.68 0.03 0.00	27.83 0.03 0.00	24.88 0.10 0.00	22.79 0.00 0.00	22.64 -0.02 0.00
E_FISHKILL____LBMP 23776	20.66 0.28 -12.47	18.95 0.29 -10.54	18.23 0.29 -9.72	17.59 0.29 -9.00	16.66 0.26 -8.03	16.51 0.22 -8.94	16.37 0.28 -7.52	16.27 0.32 -7.19	17.07 0.36 -7.56	17.55 0.54 -3.43	19.85 0.70 -2.06	20.62 0.86 -0.70	21.78 1.04 0.00	22.82 1.05 0.00	24.71 1.11 -1.31	26.50 1.28 -0.54	34.60 1.35 -5.76	41.73 1.25 -13.33	45.37 1.51 -9.53	40.53 1.15 -12.72	32.03 1.08 -3.14	29.45 1.09 -3.58	25.87 0.96 -2.13	23.96 0.77 -0.53
FALCON____SEABRD_CC1 323796	0.54 -1.61 5.76	0.54 -1.66 5.91	0.53 -1.65 6.04	0.53 -1.68 6.09	0.55 -1.68 6.13	0.58 -1.46 5.30	0.58 -1.66 6.32	1.09 -1.64 6.03	1.11 -1.65 6.40	1.39 -2.50 9.69	1.45 -3.02 12.61	3.00 -3.35 12.70	3.05 -3.67 14.02	3.03 -3.81 14.94	3.02 -3.83 15.42	2.00 -4.37 18.31	2.17 -4.62 20.71	5.57 -4.32 17.27	5.05 -5.32 23.96	3.98 -4.10 18.57	1.39 -4.45 21.97	1.30 -4.01 19.47	1.22 -3.99 17.58	1.22 -4.01 17.43
FALCON____SEABRD_CC2 323797	0.54 -1.61 5.76	0.54 -1.66 5.91	0.53 -1.65 6.04	0.53 -1.68 6.09	0.55 -1.68 6.13	0.58 -1.46 5.30	0.58 -1.66 6.32	1.09 -1.64 6.03	1.11 -1.65 6.40	1.39 -2.50 9.69	1.45 -3.02 12.61	3.00 -3.35 12.70	3.05 -3.67 14.02	3.03 -3.81 14.94	3.02 -3.83 15.42	2.00 -4.37 18.31	2.17 -4.62 20.71	5.57 -4.32 17.27	5.05 -5.32 23.96	3.98 -4.10 18.57	1.39 -4.45 21.97	1.30 -4.01 19.47	1.22 -3.99 17.58	1.22 -4.01 17.43
FAR ROCKAWAY____4 23548	24.32 0.63 -15.78	19.09 0.65 -10.33	18.35 0.60 -9.52	17.69 0.57 -8.82	16.73 0.49 -7.87	16.53 0.43 -8.76	16.52 0.58 -7.37	16.50 0.69 -7.05	17.61 0.75 -7.70	20.45 1.14 -5.73	23.69 1.40 -5.20	27.79 1.64 -7.08	29.03 1.95 -6.33	32.96 1.92 -9.27	33.55 2.01 -9.26	36.39 2.37 -9.35	35.88 2.56 -5.83	42.87 2.44 -13.27	46.65 2.99 -9.33	41.36 2.24 -12.47	35.26 2.20 -5.26	35.00 2.08 -8.13	32.81 1.96 -8.06	30.50 1.70 -6.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.70 0.76 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.20 1.45 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.98 1.84 -5.64	41.89 1.68 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.24 1.37 -2.08	24.29 1.11 -0.52
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.71 0.77 -3.36	20.10 0.99 -2.02	20.95 1.20 -0.68	22.22 1.47 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.98 1.78 -0.53	34.98 1.84 -5.64	41.89 1.68 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.24 1.37 -2.08	24.29 1.11 -0.52
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.51 0.39 -12.21	18.84 0.40 -10.32	18.13 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.39 0.29 -8.76	16.31 0.38 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.70 0.76 -3.36	20.08 0.97 -2.02	20.93 1.18 -0.68	22.20 1.45 0.00	23.19 1.42 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.95 1.81 -5.64	41.86 1.66 -13.05	45.62 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.75 1.46 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52

FARRAGUT___LBMP 323566	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.93 1.18 -0.68	22.18 1.43 0.00	23.19 1.42 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.92 1.79 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.26 1.09 -0.52
FENNER___WINDPWR 24204	9.76 0.09 -1.77	9.74 0.08 -1.54	9.75 0.08 -1.45	9.73 0.07 -1.36	9.68 0.08 -1.24	8.74 0.07 -1.32	9.85 0.09 -1.19	10.02 0.11 -1.16	10.48 0.11 -1.21	14.54 0.11 -0.85	18.04 0.15 -0.80	19.91 0.15 -0.69	21.46 0.17 -0.55	22.71 0.24 -0.70	23.40 0.25 -0.88	25.82 0.30 -0.86	29.53 0.44 -1.59	30.05 0.51 -2.38	37.22 0.72 -2.17	29.64 0.59 -2.40	29.72 0.61 -1.31	26.54 0.50 -1.26	24.13 0.34 -1.00	23.85 0.38 -0.80
FIBERTEK___ENERGY 23856	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
FITZPATRICK____ 23598	8.53 -0.13 -0.76	8.62 -0.14 -0.64	8.67 -0.15 -0.59	8.70 -0.15 -0.55	8.71 -0.14 -0.49	7.77 -0.12 -0.55	8.87 -0.15 -0.46	9.04 -0.16 -0.44	9.43 -0.18 -0.46	13.53 -0.26 -0.21	16.87 -0.34 -0.13	18.68 -0.42 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.76 -0.60 -0.08	24.01 -0.69 -0.03	27.08 -0.77 -0.35	27.14 -0.76 -0.75	33.89 -0.96 -0.52	26.67 -0.75 -0.76	27.25 -0.75 -0.19	24.33 -0.67 -0.22	22.35 -0.57 -0.13	22.26 -0.43 -0.03
FLOWRFLD_69_KV_BK1 356044	24.40 0.72 -15.78	19.18 0.74 -10.33	18.43 0.68 -9.52	17.75 0.64 -8.82	16.80 0.56 -7.87	16.59 0.49 -8.76	16.59 0.65 -7.37	16.58 0.77 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.03 1.89 -7.09	32.49 2.20 -9.54	42.14 2.18 -18.19	44.20 2.23 -19.69	68.85 2.52 -41.66	103.29 2.67 -73.13	156.14 2.55 -126.43	151.38 3.12 -113.92	107.56 2.35 -78.56	51.69 2.36 -21.52	47.11 2.21 -20.13	33.26 2.16 -8.31	30.75 1.95 -6.15
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.51 0.35 -12.26	18.82 0.34 -10.36	18.11 0.34 -9.56	17.48 0.33 -8.85	16.55 0.28 -7.90	16.38 0.24 -8.79	16.25 0.29 -7.40	16.16 0.32 -7.07	16.96 0.38 -7.43	17.51 0.56 -3.37	19.85 0.73 -2.03	20.62 0.88 -0.69	21.89 1.14 0.00	22.95 1.18 0.00	24.84 1.27 -1.29	26.71 1.50 -0.53	34.81 1.65 -5.66	41.62 1.60 -12.86	45.49 2.03 -9.13	40.59 1.49 -12.44	32.28 1.39 -3.09	29.64 1.34 -3.52	26.04 1.16 -2.09	24.13 0.95 -0.52
FORT ORANGE____ 23900	22.87 0.11 -14.85	20.77 0.11 -12.55	19.91 0.12 -11.58	19.12 0.11 -10.72	18.06 0.13 -9.57	18.11 0.12 -10.65	17.65 0.13 -8.96	17.44 0.11 -8.57	18.30 0.14 -9.01	17.87 0.20 -4.08	19.75 0.21 -2.46	20.20 0.30 -0.83	21.18 0.44 0.00	22.27 0.50 0.00	24.35 0.51 -1.56	25.91 0.59 -0.65	35.04 0.69 -6.86	41.58 0.79 -13.64	44.52 1.03 -9.16	41.99 0.80 -14.53	32.40 0.86 -3.74	29.74 0.69 -4.27	25.91 0.59 -2.53	23.74 0.45 -0.63
FORT_DRUM_COGEN 23780	10.46 -0.34 -2.90	10.56 -0.37 -2.82	10.70 -0.34 -2.81	10.71 -0.36 -2.77	10.72 -0.37 -2.73	9.56 -0.31 -2.52	10.98 -0.34 -2.76	11.19 -0.36 -2.79	11.73 -0.36 -2.93	16.69 -0.69 -3.80	20.93 -0.82 -4.66	23.18 -0.97 -5.09	24.73 -1.08 -5.06	26.49 -1.05 -5.76	27.27 -1.02 -6.01	30.11 -1.13 -6.57	34.33 -0.93 -7.77	34.68 -0.65 -8.18	43.85 -0.45 -9.97	34.64 -0.16 -8.15	35.48 -0.17 -7.85	31.65 -0.17 -7.04	28.54 -0.55 -6.30	28.24 -0.57 -6.15
FPL_FAR_ROCK_GT1 24212	24.32 0.63 -15.78	19.08 0.64 -10.33	18.35 0.60 -9.52	17.69 0.57 -8.82	16.73 0.49 -7.87	16.53 0.43 -8.76	16.52 0.58 -7.37	16.50 0.69 -7.05	17.61 0.75 -7.70	20.46 1.14 -5.74	23.69 1.40 -5.20	27.80 1.66 -7.08	29.03 1.95 -6.33	32.96 1.92 -9.27	33.55 2.01 -9.26	36.42 2.39 -9.35	35.88 2.56 -5.83	42.87 2.44 -13.27	46.65 2.99 -9.34	41.36 2.24 -12.47	35.26 2.20 -5.26	35.00 2.08 -8.13	32.81 1.96 -8.07	30.51 1.70 -6.15
FPL_FAR_ROCK_GT2 23815	24.32 0.63 -15.78	19.08 0.64 -10.33	18.35 0.60 -9.52	17.69 0.57 -8.82	16.73 0.49 -7.87	16.53 0.43 -8.76	16.52 0.58 -7.37	16.50 0.69 -7.05	17.61 0.75 -7.70	20.46 1.14 -5.74	23.69 1.40 -5.20	27.80 1.66 -7.08	29.03 1.95 -6.33	32.96 1.92 -9.27	33.55 2.01 -9.26	36.42 2.39 -9.35	35.88 2.56 -5.83	42.87 2.44 -13.27	46.65 2.99 -9.34	41.36 2.24 -12.47	35.26 2.20 -5.26	35.00 2.08 -8.13	32.81 1.96 -8.07	30.51 1.70 -6.15
FRANKLIN_FALL_HYD 24054	0.00 -1.57 6.34	-0.02 -1.63 6.50	-0.04 -1.62 6.65	-0.05 -1.65 6.69	-0.03 -1.66 6.74	0.07 -1.44 5.84	-0.03 -1.64 6.95	0.44 -1.65 6.68	0.42 -1.67 7.07	0.37 -2.54 10.67	0.13 -3.09 13.86	1.52 -3.45 14.09	1.55 -3.78 15.42	1.33 -3.92 16.52	1.28 -3.94 17.06	0.15 -4.42 20.11	0.10 -4.65 22.75	3.43 -4.43 19.30	2.35 -5.42 26.56	1.90 -4.16 20.59	-0.64 -4.37 24.07	-0.48 -3.92 21.35	-0.34 -3.85 19.27	-0.40 -3.94 19.11
FREEPORT_EQUS_GT1 23764	24.27 0.59 -15.78	19.04 0.60 -10.33	18.30 0.56 -9.52	17.64 0.52 -8.82	16.69 0.45 -7.87	16.50 0.39 -8.76	16.47 0.54 -7.37	16.45 0.64 -7.05	17.56 0.71 -7.70	20.38 1.07 -5.73	23.60 1.32 -5.20	27.69 1.54 -7.09	28.91 1.80 -6.36	32.95 1.85 -9.33	33.54 1.94 -9.33	36.32 2.29 -9.35	35.96 2.42 -6.05	42.98 2.31 -13.52	46.52 2.85 -9.34	41.26 2.13 -12.47	35.17 2.11 -5.26	34.92 2.01 -8.13	32.72 1.87 -8.06	30.44 1.63 -6.15
FREEPORT___CT2 23818	24.27 0.59 -15.78	19.04 0.60 -10.33	18.30 0.56 -9.52	17.64 0.52 -8.82	16.69 0.45 -7.87	16.50 0.39 -8.76	16.47 0.54 -7.37	16.45 0.64 -7.05	17.56 0.71 -7.70	20.38 1.07 -5.73	23.60 1.32 -5.20	27.69 1.54 -7.09	28.91 1.80 -6.36	32.95 1.85 -9.33	33.54 1.94 -9.33	36.32 2.29 -9.35	35.96 2.42 -6.05	42.98 2.31 -13.52	46.52 2.85 -9.34	41.26 2.13 -12.47	35.17 2.11 -5.26	34.92 2.01 -8.13	32.72 1.87 -8.06	30.44 1.63 -6.15
FRESHKLS_33_KV_LOAD 356253	20.53 0.41 -12.21	18.85 0.41 -10.32	18.14 0.39 -9.52	17.53 0.41 -8.82	16.57 0.33 -7.87	16.29 0.20 -8.75	16.19 0.27 -7.36	16.10 0.30 -7.04	16.92 0.37 -7.40	17.53 0.60 -3.35	19.92 0.82 -2.01	20.82 1.09 -0.68	22.05 1.31 0.01	23.00 1.24 0.01	24.92 1.36 -1.28	26.80 1.60 -0.52	34.72 1.59 -5.63	41.66 1.47 -13.04	45.37 1.72 -9.32	40.37 1.25 -12.46	32.09 1.22 -3.07	29.67 1.39 -3.50	26.12 1.25 -2.07	24.17 1.00 -0.52
FULTON COGEN____ 23766	9.18 -0.02 -1.30	9.23 -0.03 -1.14	9.27 -0.03 -1.08	9.27 -0.04 -1.02	9.26 -0.04 -0.94	8.30 -0.04 -0.98	9.43 -0.03 -0.90	9.62 -0.03 -0.88	10.04 -0.05 -0.93	14.22 -0.07 -0.71	17.71 -0.09 -0.71	19.60 -0.11 -0.65	21.07 -0.21 -0.53	22.23 -0.22 -0.68	22.84 -0.25 -0.81	25.22 -0.27 -0.82	28.55 -0.30 -1.36	28.76 -0.30 -1.90	35.81 -0.34 -1.82	28.30 -0.27 -1.91	28.72 -0.25 -1.16	25.64 -0.25 -1.10	23.51 -0.18 -0.90	23.35 -0.07 -0.76

FULTON___LFGE 323630	26.27 0.85 -17.52	23.78 0.86 -14.81	22.72 0.84 -13.66	21.76 0.82 -12.65	20.50 0.84 -11.29	20.69 0.78 -12.56	20.00 0.86 -10.57	19.74 0.88 -10.11	20.66 0.88 -10.62	19.63 1.24 -4.82	21.42 1.44 -2.90	21.74 1.70 -0.98	22.86 2.12 0.00	24.10 2.33 0.00	26.48 2.36 -1.84	28.00 2.57 -0.76	38.94 3.35 -8.09	47.42 3.80 -16.46	50.76 5.25 -11.17	48.28 4.37 -17.25	36.86 4.64 -4.41	33.56 3.74 -5.03	28.97 3.19 -2.99	26.41 3.01 -0.74
G.F.CEMENT___DRP 24184	23.83 0.49 -15.44	21.65 0.49 -13.05	20.73 0.48 -12.03	19.91 0.47 -11.14	18.81 0.49 -9.95	18.86 0.45 -11.07	18.37 0.49 -9.31	18.17 0.50 -8.91	19.05 0.53 -9.36	18.64 0.81 -4.25	20.46 0.82 -2.56	20.97 1.05 -0.87	22.07 1.33 0.00	23.25 1.48 0.00	25.35 1.45 -1.62	26.92 1.58 -0.67	36.80 2.17 -7.13	43.50 2.31 -14.03	46.87 3.16 -9.38	44.34 2.61 -15.07	34.50 2.81 -3.89	31.45 2.23 -4.43	27.33 1.91 -2.63	25.06 1.74 -0.65
GARDENVILLE___LBMP 24039	10.21 0.25 -2.06	10.13 0.28 -1.74	10.12 0.30 -1.60	10.12 0.34 -1.48	10.07 0.38 -1.32	9.16 0.34 -1.47	10.10 0.30 -1.24	10.11 0.17 -1.19	10.36 -0.04 -1.25	14.16 0.01 -0.57	17.25 -0.17 -0.34	18.89 -0.29 -0.12	20.75 0.00 0.00	21.77 0.00 0.00	22.21 -0.29 -0.22	24.56 -0.20 -0.09	27.92 -0.52 -0.95	28.68 -0.49 -2.02	35.01 -0.72 -1.40	28.25 -0.45 -2.05	27.96 -0.36 -0.52	25.18 -0.20 -0.59	22.98 -0.16 -0.35	22.86 0.11 -0.09
GARDNVLA_35_KV_LD 355827	10.24 0.27 -2.07	10.16 0.30 -1.75	10.15 0.31 -1.61	10.15 0.37 -1.49	10.10 0.40 -1.33	9.18 0.35 -1.48	10.14 0.33 -1.25	10.15 0.19 -1.19	10.41 0.00 -1.25	14.22 0.07 -0.57	17.31 -0.12 -0.34	18.95 -0.23 -0.12	20.83 0.08 0.00	21.86 0.09 0.00	22.30 -0.20 -0.22	24.66 -0.10 -0.09	28.04 -0.41 -0.95	28.81 -0.38 -2.03	35.12 -0.62 -1.40	28.34 -0.37 -2.06	28.07 -0.25 -0.52	25.25 -0.12 -0.59	23.07 -0.07 -0.35	22.95 0.20 -0.09
GELCKHM___115KV_LOAD 80723	9.27 0.01 -1.36	9.30 0.01 -1.18	9.33 0.00 -1.11	9.33 0.00 -1.04	9.31 0.00 -0.95	8.36 0.00 -1.01	9.47 0.00 -0.91	9.66 0.02 -0.88	10.07 -0.01 -0.92	14.21 0.00 -0.64	17.68 0.00 -0.59	19.55 -0.02 -0.51	21.06 -0.08 -0.40	22.19 -0.09 -0.51	22.83 -0.09 -0.64	25.17 -0.12 -0.62	28.55 -0.14 -1.19	28.82 -0.14 -1.80	35.78 -0.17 -1.62	28.31 -0.16 -1.81	28.63 -0.14 -0.97	25.57 -0.15 -0.93	23.44 -0.09 -0.74	23.27 0.02 -0.59
GENERAL___MILLS 23808	10.22 0.25 -2.06	10.14 0.28 -1.74	10.14 0.30 -1.61	10.13 0.35 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.12 0.31 -1.25	10.13 0.18 -1.19	10.39 -0.02 -1.25	14.17 0.03 -0.57	17.27 -0.15 -0.34	18.91 -0.27 -0.12	20.79 0.04 0.00	21.81 0.04 0.00	22.25 -0.25 -0.22	24.61 -0.15 -0.09	27.98 -0.47 -0.95	28.72 -0.46 -2.03	35.05 -0.69 -1.40	28.29 -0.43 -2.06	28.02 -0.31 -0.52	25.20 -0.17 -0.59	23.03 -0.11 -0.35	22.90 0.16 -0.09
GE_PLASTICS___DRP 24183	22.87 0.11 -14.85	20.78 0.11 -12.55	19.93 0.12 -11.58	19.14 0.12 -10.72	18.07 0.13 -9.57	18.12 0.12 -10.65	17.66 0.14 -8.96	17.46 0.13 -8.57	18.31 0.15 -9.01	17.90 0.23 -4.09	19.80 0.26 -2.46	20.22 0.32 -0.83	21.20 0.46 0.00	22.27 0.50 0.00	24.35 0.51 -1.56	25.89 0.57 -0.65	34.99 0.63 -6.86	41.66 0.68 -13.83	44.53 0.86 -9.34	41.88 0.64 -14.59	32.24 0.70 -3.74	29.64 0.59 -4.27	25.84 0.52 -2.53	23.69 0.41 -0.63
GILBOA___1 23756	19.83 0.17 -11.76	18.23 0.17 -9.94	17.56 0.17 -9.17	16.96 0.17 -8.49	16.14 0.20 -7.58	15.95 0.17 -8.43	15.87 0.21 -7.10	15.73 0.18 -6.79	16.49 0.20 -7.13	17.11 0.30 -3.24	19.43 0.39 -1.95	20.18 0.46 -0.66	21.33 0.58 0.00	22.38 0.61 0.00	24.16 0.65 -1.24	25.92 0.74 -0.51	33.70 0.77 -5.43	39.41 0.70 -11.55	43.18 0.86 -7.99	39.04 0.67 -11.72	31.49 0.72 -2.96	28.83 0.67 -3.38	25.39 0.59 -2.01	23.63 0.48 -0.50
GILBOA___2 23757	19.83 0.17 -11.76	18.23 0.17 -9.94	17.56 0.17 -9.17	16.96 0.17 -8.49	16.14 0.20 -7.58	15.95 0.17 -8.43	15.87 0.21 -7.10	15.73 0.18 -6.79	16.49 0.20 -7.13	17.11 0.30 -3.24	19.43 0.39 -1.95	20.18 0.46 -0.66	21.33 0.58 0.00	22.38 0.61 0.00	24.16 0.65 -1.24	25.92 0.74 -0.51	33.70 0.77 -5.43	39.41 0.70 -11.55	43.18 0.86 -7.99	39.04 0.67 -11.72	31.49 0.72 -2.96	28.83 0.67 -3.38	25.39 0.59 -2.01	23.63 0.48 -0.50
GILBOA___3 23758	19.83 0.17 -11.76	18.23 0.17 -9.94	17.56 0.17 -9.17	16.96 0.17 -8.49	16.14 0.20 -7.58	15.95 0.17 -8.43	15.87 0.21 -7.10	15.73 0.18 -6.79	16.49 0.20 -7.13	17.11 0.30 -3.24	19.43 0.39 -1.95	20.18 0.46 -0.66	21.33 0.58 0.00	22.38 0.61 0.00	24.16 0.65 -1.24	25.92 0.74 -0.51	33.70 0.77 -5.43	39.41 0.70 -11.55	43.18 0.86 -7.99	39.04 0.67 -11.72	31.49 0.72 -2.96	28.83 0.67 -3.38	25.39 0.59 -2.01	23.63 0.48 -0.50
GILBOA___4 23759	19.83 0.17 -11.76	18.23 0.17 -9.94	17.56 0.17 -9.17	16.96 0.17 -8.49	16.14 0.20 -7.58	15.95 0.17 -8.43	15.87 0.21 -7.10	15.73 0.18 -6.79	16.49 0.20 -7.13	17.11 0.30 -3.24	19.43 0.39 -1.95	20.18 0.46 -0.66	21.33 0.58 0.00	22.38 0.61 0.00	24.16 0.65 -1.24	25.92 0.74 -0.51	33.70 0.77 -5.43	39.41 0.70 -11.55	43.18 0.86 -7.99	39.04 0.67 -11.72	31.49 0.72 -2.96	28.83 0.67 -3.38	25.39 0.59 -2.01	23.63 0.48 -0.50
GILBOA___ 23599	19.83 0.17 -11.76	18.23 0.17 -9.94	17.56 0.17 -9.17	16.96 0.17 -8.49	16.14 0.20 -7.58	15.95 0.17 -8.43	15.87 0.21 -7.10	15.73 0.18 -6.79	16.49 0.20 -7.13	17.11 0.30 -3.24	19.43 0.39 -1.95	20.18 0.46 -0.66	21.33 0.58 0.00	22.38 0.61 0.00	24.16 0.65 -1.24	25.90 0.72 -0.51	33.70 0.77 -5.43	39.41 0.71 -11.55	43.18 0.86 -7.99	39.04 0.67 -11.72	31.49 0.72 -2.96	28.83 0.67 -3.38	25.39 0.59 -2.01	23.63 0.48 -0.50
GINNA___ 23603	9.18 -0.21 -1.47	9.18 -0.19 -1.25	9.17 -0.21 -1.15	9.16 -0.20 -1.06	9.13 -0.18 -0.95	8.24 -0.16 -1.06	9.23 -0.22 -0.89	9.36 -0.25 -0.85	9.70 -0.35 -0.89	13.55 -0.44 -0.41	16.72 -0.61 -0.24	18.44 -0.70 -0.08	19.90 -0.85 0.00	20.90 -0.87 0.00	21.68 -0.76 -0.16	23.80 -0.94 -0.06	27.21 -0.96 -0.68	27.65 -0.95 -1.45	34.10 -1.23 -1.00	27.17 -0.96 -1.47	27.23 -0.95 -0.37	24.39 -0.82 -0.42	22.29 -0.75 -0.25	22.15 -0.57 -0.06
GLEN PARK___ 23778	10.43 -0.28 -2.80	10.53 -0.31 -2.72	10.66 -0.27 -2.71	10.67 -0.30 -2.67	10.68 -0.30 -2.62	9.53 -0.25 -2.43	10.93 -0.28 -2.65	11.15 -0.29 -2.68	11.67 -0.29 -2.81	16.60 -0.60 -3.62	20.82 -0.70 -4.43	23.05 -0.84 -4.83	24.61 -0.93 -4.80	26.34 -0.89 -5.46	27.12 -0.87 -5.71	29.92 -0.99 -6.23	34.17 -0.72 -7.39	34.56 -0.41 -7.81	43.72 -0.10 -9.49	34.57 0.13 -7.78	35.40 0.14 -7.45	31.58 0.10 -6.69	28.43 -0.34 -5.98	28.11 -0.39 -5.83
GLENDALE_27_KV_LOAD 356172	20.55 0.43 -12.21	18.88 0.44 -10.32	18.17 0.43 -9.52	17.56 0.45 -8.82	16.62 0.38 -7.87	16.41 0.30 -8.76	16.32 0.39 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.71 0.77 -3.36	20.12 1.01 -2.02	21.00 1.26 -0.68	22.24 1.49 0.00	23.23 1.46 0.00	25.10 1.54 -1.28	27.00 1.80 -0.53	34.98 1.84 -5.64	41.89 1.68 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.30 1.42 -3.07	29.85 1.56 -3.51	26.31 1.44 -2.08	24.35 1.18 -0.52

GLENWOOD_IC_1_G5 23712	24.17 0.48 -15.78	18.94 0.50 -10.33	18.21 0.47 -9.52	17.57 0.46 -8.82	16.63 0.39 -7.87	16.44 0.34 -8.76	16.40 0.46 -7.37	16.35 0.54 -7.05	17.45 0.60 -7.70	20.22 0.91 -5.73	23.45 1.16 -5.20	27.54 1.39 -7.09	28.76 1.66 -6.36	32.77 1.68 -9.33	33.36 1.76 -9.32	35.90 1.88 -9.35	35.54 2.01 -6.03	42.53 1.87 -13.51	45.96 2.30 -9.33	40.83 1.71 -12.47	34.70 1.64 -5.26	34.68 1.76 -8.13	32.45 1.60 -8.06	30.16 1.36 -6.15
GLENWOOD_IC_2_G1 23688	24.11 0.43 -15.78	18.88 0.44 -10.33	18.16 0.42 -9.52	17.53 0.41 -8.82	16.60 0.36 -7.87	16.42 0.31 -8.76	16.35 0.41 -7.37	16.29 0.48 -7.05	17.39 0.53 -7.70	20.13 0.81 -5.73	23.33 1.04 -5.20	27.38 1.24 -7.08	28.55 1.47 -6.33	32.52 1.48 -9.27	33.12 1.58 -9.26	35.85 1.83 -9.35	35.22 1.90 -5.83	42.22 1.79 -13.27	45.87 2.20 -9.34	40.75 1.63 -12.47	34.62 1.56 -5.26	34.48 1.56 -8.13	32.26 1.41 -8.06	29.98 1.18 -6.14
GLENWOOD_IC_3_G1 23689	24.11 0.43 -15.78	18.88 0.44 -10.33	18.16 0.42 -9.52	17.53 0.41 -8.82	16.60 0.36 -7.87	16.42 0.31 -8.76	16.35 0.41 -7.37	16.29 0.48 -7.05	17.39 0.53 -7.70	20.13 0.81 -5.73	23.33 1.04 -5.20	27.38 1.24 -7.08	28.55 1.47 -6.33	32.52 1.48 -9.27	33.12 1.58 -9.26	35.85 1.83 -9.35	35.22 1.90 -5.83	42.22 1.79 -13.27	45.87 2.20 -9.34	40.75 1.63 -12.47	34.62 1.56 -5.26	34.48 1.56 -8.13	32.26 1.41 -8.06	29.98 1.18 -6.14
GLENWOOD___4 23550	24.17 0.48 -15.78	18.94 0.50 -10.33	18.21 0.47 -9.52	17.57 0.46 -8.82	16.63 0.39 -7.87	16.44 0.34 -8.76	16.40 0.46 -7.37	16.35 0.54 -7.05	17.45 0.60 -7.70	20.22 0.91 -5.73	23.45 1.16 -5.20	27.54 1.39 -7.09	28.76 1.66 -6.36	32.77 1.68 -9.33	33.36 1.76 -9.32	35.97 1.95 -9.35	35.59 2.06 -6.03	42.62 1.96 -13.51	46.03 2.37 -9.33	40.88 1.76 -12.47	34.76 1.70 -5.26	34.68 1.76 -8.13	32.45 1.60 -8.06	30.16 1.36 -6.15
GLENWOOD___5 23614	24.17 0.48 -15.78	18.94 0.50 -10.33	18.21 0.47 -9.52	17.57 0.46 -8.82	16.63 0.39 -7.87	16.44 0.34 -8.76	16.40 0.46 -7.37	16.35 0.54 -7.05	17.45 0.60 -7.70	20.22 0.91 -5.73	23.45 1.16 -5.20	27.54 1.39 -7.09	28.76 1.66 -6.36	32.77 1.68 -9.33	33.36 1.76 -9.32	35.97 1.95 -9.35	35.59 2.06 -6.03	42.62 1.96 -13.51	46.03 2.37 -9.33	40.88 1.76 -12.47	34.76 1.70 -5.26	34.68 1.76 -8.13	32.45 1.60 -8.06	30.16 1.36 -6.15
GLOBAL GREEN_PORT_GT1 23814	24.81 1.12 -15.78	19.58 1.14 -10.33	18.82 1.08 -9.52	18.14 1.03 -8.82	17.16 0.93 -7.87	16.92 0.82 -8.76	16.96 1.03 -7.37	16.97 1.17 -7.05	18.17 1.32 -7.70	21.35 2.04 -5.73	24.76 2.48 -5.20	29.23 3.09 -7.09	32.85 3.48 -8.62	41.06 3.66 -15.63	42.74 3.77 -16.69	61.53 4.47 -32.39	86.15 4.70 -53.81	125.81 5.84 -93.96	124.10 4.40 -83.93	90.66 4.50 -59.61	51.19 4.50 -18.89	46.96 3.99 -18.19	34.60 3.55 -8.26	32.07 3.26 -6.15
GLOBE___DSASP 323697	9.97 0.17 -1.90	10.03 0.31 -1.61	10.03 0.33 -1.48	10.04 0.37 -1.37	10.01 0.42 -1.22	9.09 0.37 -1.36	10.04 0.33 -1.15	10.00 0.14 -1.10	10.09 -0.22 -1.15	13.84 -0.26 -0.52	16.85 -0.55 -0.31	18.46 -0.71 -0.11	20.00 -0.75 0.00	20.97 -0.81 0.00	21.66 -0.82 -0.20	23.89 -0.86 -0.08	27.11 -1.26 -0.88	27.64 -1.38 -1.87	33.80 -1.82 -1.29	27.19 -1.36 -1.89	27.06 -1.22 -0.48	24.49 -0.84 -0.55	22.40 -0.71 -0.32	22.40 -0.34 -0.08
GOETHSLN___LBMP 323567	20.47 0.35 -12.21	18.80 0.36 -10.32	18.09 0.35 -9.52	17.47 0.36 -8.82	16.53 0.30 -7.87	16.35 0.25 -8.76	16.27 0.33 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.00 0.89 -2.02	20.85 1.11 -0.68	22.12 1.37 0.00	23.12 1.35 0.00	24.99 1.43 -1.28	26.86 1.65 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.37 1.25 -12.46	32.07 1.20 -3.07	29.60 1.31 -3.51	26.12 1.25 -2.08	24.17 1.00 -0.52
GOLAH___69_KV_TB 1_2 80279	9.68 0.23 -1.55	9.70 0.28 -1.31	9.74 0.31 -1.21	9.75 0.33 -1.12	9.72 0.36 -1.00	8.77 0.32 -1.11	9.80 0.30 -0.93	9.87 0.21 -0.89	10.17 0.07 -0.94	14.19 0.19 -0.43	17.48 0.14 -0.26	19.24 0.10 -0.09	20.75 0.00 0.00	21.79 0.02 0.00	22.58 0.13 -0.16	25.01 0.27 -0.07	28.38 0.16 -0.72	28.76 0.08 -1.52	35.49 0.10 -1.05	28.31 0.11 -1.54	28.42 0.22 -0.39	25.53 0.30 -0.44	23.32 0.27 -0.26	23.24 0.52 -0.07
GOODYEAR_LAKE_HYD 323669	11.08 0.28 -2.89	10.84 0.28 -2.44	10.75 0.28 -2.25	10.66 0.27 -2.09	10.50 0.28 -1.86	9.68 0.26 -2.07	10.62 0.32 -1.74	10.75 0.32 -1.67	11.26 0.36 -1.75	14.85 0.48 -0.79	18.18 0.62 -0.48	19.91 0.69 -0.16	21.60 0.85 0.00	22.71 0.94 0.00	23.56 0.98 -0.30	25.86 1.06 -0.13	30.15 1.32 -1.33	31.35 1.36 -2.84	38.04 1.75 -1.96	30.95 1.41 -2.88	30.00 1.47 -0.73	26.88 1.26 -0.83	24.26 0.98 -0.49	23.66 0.88 -0.12
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	11.91 0.13 -3.87	11.52 0.13 -3.27	11.36 0.12 -3.02	11.22 0.13 -2.79	10.99 0.13 -2.49	10.25 0.12 -2.78	11.04 0.14 -2.34	11.13 0.13 -2.23	11.60 0.10 -2.35	14.78 0.14 -1.06	17.88 0.15 -0.64	19.43 0.15 -0.22	21.06 0.31 0.00	22.12 0.35 0.00	22.93 0.25 -0.41	25.16 0.32 -0.17	29.61 0.33 -1.79	31.28 0.33 -3.80	37.41 0.45 -2.63	30.83 0.32 -3.86	29.17 0.39 -0.97	26.17 0.27 -1.11	23.70 0.25 -0.66	23.12 0.29 -0.16
GOUDEY___7 23579	11.92 0.14 -3.87	11.53 0.14 -3.27	11.37 0.13 -3.02	11.22 0.13 -2.79	11.00 0.14 -2.49	10.26 0.13 -2.78	11.04 0.15 -2.34	11.13 0.14 -2.23	11.61 0.11 -2.35	14.79 0.15 -1.06	17.90 0.17 -0.64	19.47 0.19 -0.22	21.08 0.33 0.00	22.14 0.37 0.00	22.95 0.27 -0.41	25.19 0.35 -0.17	29.64 0.36 -1.79	31.31 0.35 -3.80	37.44 0.48 -2.63	30.89 0.37 -3.86	29.19 0.42 -0.97	26.22 0.32 -1.11	23.72 0.27 -0.66	23.14 0.32 -0.16
GOUDEY___8 23580	11.91 0.13 -3.87	11.52 0.13 -3.27	11.36 0.12 -3.02	11.22 0.13 -2.79	10.99 0.13 -2.49	10.25 0.12 -2.78	11.04 0.14 -2.34	11.13 0.13 -2.23	11.60 0.10 -2.35	14.78 0.14 -1.06	17.88 0.15 -0.64	19.43 0.15 -0.22	21.06 0.31 0.00	22.12 0.35 0.00	22.93 0.25 -0.41	25.16 0.32 -0.17	29.61 0.33 -1.79	31.28 0.33 -3.80	37.41 0.45 -2.63	30.83 0.32 -3.86	29.17 0.39 -0.97	26.17 0.27 -1.11	23.70 0.25 -0.66	23.12 0.29 -0.16
GOWANUS_GT1_1 24077	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT1_2 24078	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52

GOWANUS_GT1_3 24079	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT1_4 24080	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT1_5 24084	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT1_6 24111	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT1_7 24112	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT1_8 24113	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_1 24114	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_2 24115	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_3 24116	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_4 24117	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_5 24118	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_6 24119	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_7 24120	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT2_8 24121	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_1 24122	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52

GOWANUS_GT3_2 24123	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_3 24124	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_4 24125	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_5 24126	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_6 24127	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_7 24128	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT3_8 24129	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_1 24130	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_2 24131	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_3 24132	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_4 24133	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_5 24134	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_6 24135	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_7 24136	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GOWANUS_GT4_8 24137	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52

GREENBSH_115KV_TB3 55895	22.89 0.06 -14.92	20.79 0.06 -12.61	19.93 0.07 -11.63	19.14 0.07 -10.77	18.07 0.09 -9.62	18.13 0.08 -10.70	17.66 0.09 -9.00	17.46 0.09 -8.61	18.31 0.11 -9.05	17.85 0.16 -4.10	19.73 0.17 -2.47	20.13 0.23 -0.84	21.10 0.35 0.00	22.16 0.39 0.00	24.27 0.42 -1.57	25.77 0.44 -0.65	34.91 0.52 -6.89	41.37 0.57 -13.65	44.20 0.72 -9.15	41.80 0.56 -14.59	32.17 0.61 -3.76	29.56 0.50 -4.29	25.77 0.43 -2.55	23.58 0.29 -0.63
GREENDGE_115KV_TB5 80291	10.54 0.22 -2.41	10.36 0.21 -2.04	10.31 0.21 -1.88	10.24 0.21 -1.74	10.13 0.22 -1.55	9.27 0.20 -1.73	10.24 0.22 -1.45	10.38 0.23 -1.39	10.77 0.16 -1.46	14.46 0.22 -0.66	17.71 0.22 -0.40	19.44 0.25 -0.14	21.12 0.37 0.00	22.21 0.44 0.00	22.91 0.38 -0.25	25.27 0.49 -0.10	29.16 0.55 -1.11	30.15 0.62 -2.37	36.55 0.58 -1.64	29.72 0.67 -2.40	29.16 0.75 -0.61	26.05 0.57 -0.69	23.68 0.48 -0.41	23.35 0.59 -0.10
GREENIDGE___3 23582	10.54 0.22 -2.41	10.36 0.21 -2.04	10.31 0.21 -1.88	10.24 0.21 -1.74	10.13 0.22 -1.55	9.27 0.20 -1.73	10.24 0.22 -1.45	10.38 0.23 -1.39	10.77 0.16 -1.46	14.46 0.22 -0.66	17.71 0.22 -0.40	19.44 0.25 -0.14	21.12 0.37 0.00	22.21 0.44 0.00	22.91 0.38 -0.25	25.27 0.49 -0.10	29.16 0.55 -1.11	30.15 0.62 -2.37	36.55 0.58 -1.64	29.72 0.67 -2.40	29.16 0.75 -0.61	26.05 0.57 -0.69	23.68 0.48 -0.41	23.35 0.59 -0.10
GREENIDGE___4 23583	10.54 0.22 -2.41	10.36 0.21 -2.04	10.31 0.21 -1.88	10.24 0.21 -1.74	10.13 0.22 -1.55	9.27 0.20 -1.73	10.24 0.22 -1.45	10.38 0.23 -1.39	10.77 0.16 -1.46	14.46 0.22 -0.66	17.71 0.22 -0.40	19.46 0.27 -0.14	21.12 0.37 0.00	22.21 0.44 0.00	22.91 0.38 -0.25	25.37 0.59 -0.10	29.16 0.55 -1.11	30.15 0.63 -2.37	36.55 0.58 -1.64	29.72 0.67 -2.40	29.16 0.75 -0.61	26.05 0.57 -0.69	23.68 0.48 -0.41	23.35 0.59 -0.10
GREENLWN_69_KV_BK 3 55738	24.28 0.59 -15.78	19.06 0.62 -10.33	18.31 0.57 -9.52	17.65 0.53 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.49 0.56 -7.37	16.47 0.67 -7.05	17.58 0.72 -7.70	20.41 1.10 -5.73	23.64 1.35 -5.20	27.71 1.56 -7.09	28.58 1.83 -6.01	31.94 1.83 -8.34	32.31 1.89 -8.13	31.13 2.20 -4.26	26.79 2.36 3.07	26.81 2.25 2.59	29.93 2.75 7.14	30.77 2.05 -2.06	32.25 1.75 -2.70	32.71 1.69 -6.24	32.64 1.82 -8.03	30.39 1.59 -6.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
GRISSOM___SOLAR 323813	26.27 0.85 -17.52	23.78 0.86 -14.81	22.72 0.84 -13.66	21.76 0.82 -12.65	20.50 0.84 -11.29	20.69 0.78 -12.56	20.00 0.86 -10.57	19.74 0.88 -10.11	20.66 0.88 -10.62	19.63 1.24 -4.82	21.42 1.44 -2.90	21.74 1.70 -0.98	22.86 2.12 0.00	24.10 2.33 0.00	26.48 2.36 -1.84	28.00 2.57 -0.76	38.94 3.35 -8.09	47.42 3.80 -16.46	50.76 5.25 -11.17	48.28 4.37 -17.25	36.86 4.64 -4.41	33.56 3.74 -5.03	28.97 3.19 -2.99	26.41 3.01 -0.74
GROVEVILLE___HYD 323602	20.51 0.35 -12.26	18.82 0.34 -10.36	18.11 0.34 -9.56	17.48 0.33 -8.85	16.55 0.28 -7.90	16.38 0.24 -8.79	16.25 0.29 -7.40	16.16 0.32 -7.07	16.96 0.38 -7.43	17.51 0.56 -3.37	19.85 0.73 -2.03	20.62 0.88 -0.69	21.89 1.14 0.00	22.95 1.18 0.00	24.84 1.27 -1.29	26.71 1.50 -0.53	34.81 1.65 -5.66	41.62 1.60 -12.86	45.49 2.03 -9.13	40.59 1.49 -12.44	32.28 1.39 -3.09	29.64 1.34 -3.52	26.04 1.16 -2.09	24.13 0.95 -0.52
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
HAMLTNNY_34_KV_TB 80303	9.37 0.09 -1.37	9.37 0.09 -1.16	9.37 0.08 -1.07	9.37 0.08 -0.99	9.33 0.08 -0.88	8.41 0.07 -0.98	9.48 0.09 -0.83	9.67 0.11 -0.79	10.08 0.09 -0.83	14.09 0.14 -0.38	17.50 0.19 -0.23	19.33 0.19 -0.08	20.91 0.17 0.00	21.97 0.20 0.00	22.62 0.20 -0.14	24.93 0.20 -0.06	28.38 0.25 -0.63	28.75 0.24 -1.35	35.61 0.34 -0.93	28.24 0.21 -1.37	28.43 0.28 -0.35	25.35 0.17 -0.39	23.20 0.18 -0.23	23.03 0.32 -0.06
HAMPSHIRE___PAPER_HYD 323593	0.10 -0.96 6.84	0.10 -1.01 7.01	0.10 -0.95 7.17	0.10 -0.99 7.21	0.10 -1.00 7.27	0.10 -0.87 6.38	0.10 -0.99 7.47	0.10 -1.01 7.65	0.10 -1.03 8.03	0.10 -1.66 11.82	0.10 -2.03 14.95	0.10 -2.31 16.65	0.10 -2.53 18.12	0.10 -2.61 19.06	0.10 -2.61 19.57	0.10 -2.94 21.64	0.10 -2.97 24.43	0.10 -2.72 24.34	0.10 -3.12 31.11	0.10 -2.29 24.26	0.10 -2.42 25.28	0.10 -2.16 22.53	0.10 -2.30 20.39	0.10 -2.33 20.22
HARDSCRABBLE_WT_PWR 323673	7.76 -0.15 0.00	7.97 -0.15 0.00	8.08 -0.14 0.00	8.16 -0.13 0.00	8.24 -0.13 0.00	7.25 -0.10 0.00	8.46 -0.10 0.00	8.67 -0.09 0.00	9.10 -0.05 0.00	13.50 -0.08 0.00	17.02 -0.07 0.00	18.97 -0.09 0.00	20.64 -0.10 0.00	21.68 -0.09 0.00	22.21 -0.07 0.00	24.57 -0.10 0.00	27.47 -0.03 0.00	27.18 0.03 0.00	34.37 0.03 0.00	26.71 0.05 0.00	27.86 0.06 0.00	24.88 0.10 0.00	22.79 0.00 0.00	22.64 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.70 0.31 -11.48	18.13 0.31 -9.70	17.47 0.30 -8.95	16.88 0.30 -8.29	16.01 0.25 -7.40	15.79 0.21 -8.23	15.76 0.27 -6.93	15.69 0.31 -6.62	16.47 0.35 -6.96	17.27 0.53 -3.16	19.67 0.68 -1.90	20.54 0.84 -0.64	21.81 1.06 0.00	22.84 1.07 0.00	24.65 1.16 -1.21	26.55 1.38 -0.50	34.28 1.48 -5.30	40.73 1.38 -12.19	44.77 1.75 -8.69	39.66 1.31 -11.70	31.92 1.22 -2.89	29.25 1.16 -3.30	25.75 1.00 -1.96	23.94 0.79 -0.49
HARSNRAD_115KV_TB1 81005	10.01 0.23 -1.87	10.00 0.30 -1.58	10.02 0.34 -1.46	10.04 0.39 -1.35	10.02 0.45 -1.20	9.09 0.40 -1.34	10.02 0.33 -1.13	10.01 0.17 -1.08	10.23 -0.05 -1.13	14.08 -0.01 -0.51	17.16 -0.24 -0.31	18.80 -0.36 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.41 -0.35 -0.08	27.67 -0.69 -0.86	28.29 -0.71 -1.84	34.57 -1.03 -1.27	27.83 -0.69 -1.86	27.72 -0.56 -0.47	25.02 -0.30 -0.54	22.88 -0.23 -0.32	22.85 0.11 -0.08
HARZA MOOSE___RIVER 24016	9.62 -0.22 -1.93	9.76 -0.24 -1.88	9.90 -0.19 -1.87	9.93 -0.21 -1.85	9.97 -0.21 -1.81	8.86 -0.17 -1.68	10.21 -0.19 -1.83	10.43 -0.18 -1.85	10.93 -0.17 -1.95	15.73 -0.37 -2.52	19.76 -0.41 -3.09	21.93 -0.50 -3.37	23.55 -0.54 -3.35	25.11 -0.48 -3.81	25.79 -0.47 -3.98	28.48 -0.54 -4.35	32.28 -0.36 -5.15	32.42 -0.16 -5.42	40.90 -0.03 -6.61	32.11 0.05 -5.41	33.05 0.06 -5.20	29.45 0.00 -4.66	26.71 -0.25 -4.17	26.43 -0.29 -4.07

HDSNBRDG_115KV_BRDG_TB1 355580	9.29 0.02 -1.36	9.32 0.02 -1.18	9.35 0.02 -1.11	9.35 0.01 -1.04	9.33 0.01 -0.95	8.37 0.01 -1.02	9.49 0.02 -0.91	9.67 0.03 -0.88	10.08 0.00 -0.93	14.22 0.00 -0.64	17.68 0.00 -0.59	19.57 0.00 -0.51	21.08 -0.06 -0.39	22.23 -0.04 -0.50	22.85 -0.07 -0.64	25.19 -0.10 -0.62	28.55 -0.14 -1.19	28.82 -0.14 -1.80	35.78 -0.17 -1.62	28.31 -0.16 -1.82	28.63 -0.14 -0.96	25.59 -0.12 -0.93	23.48 -0.05 -0.74	23.29 0.05 -0.58
HELLGATE_13_KV_LD 55870	20.52 0.40 -12.21	18.86 0.41 -10.33	18.14 0.39 -9.52	17.53 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.03 0.92 -2.02	20.93 1.18 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.86 1.65 -0.53	34.81 1.68 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.26 1.09 -0.52
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.52 0.40 -12.21	18.86 0.41 -10.33	18.14 0.39 -9.52	17.53 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.03 0.92 -2.02	20.93 1.18 -0.68	22.12 1.37 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.86 1.65 -0.53	34.81 1.68 -5.64	41.70 1.49 -13.05	45.38 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.26 1.09 -0.52
HEMPSTEAD____ 23647	24.18 0.50 -15.78	18.95 0.51 -10.33	18.22 0.48 -9.52	17.56 0.45 -8.82	16.62 0.38 -7.87	16.44 0.33 -8.76	16.40 0.46 -7.37	16.37 0.56 -7.05	17.47 0.61 -7.70	20.24 0.92 -5.73	23.43 1.14 -5.20	27.52 1.37 -7.09	28.72 1.62 -6.36	32.73 1.63 -9.33	33.32 1.72 -9.32	36.02 2.00 -9.35	35.62 2.09 -6.03	42.64 1.98 -13.50	46.11 2.44 -9.34	40.94 1.81 -12.47	34.81 1.75 -5.26	34.65 1.73 -8.13	32.45 1.59 -8.06	30.19 1.38 -6.15
HEWLETT_69_KV_BK3 55828	24.27 0.59 -15.78	19.05 0.61 -10.33	18.30 0.56 -9.52	17.65 0.53 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.48 0.55 -7.37	16.46 0.65 -7.05	17.56 0.70 -7.70	20.38 1.07 -5.73	23.60 1.32 -5.20	27.67 1.52 -7.08	28.91 1.83 -6.33	32.85 1.81 -9.27	33.43 1.89 -9.26	36.27 2.25 -9.35	35.72 2.39 -5.83	42.71 2.28 -13.27	46.48 2.82 -9.33	41.23 2.11 -12.47	35.12 2.06 -5.26	34.85 1.93 -8.13	32.70 1.85 -8.06	30.41 1.61 -6.14
HICKLING___1 23621	11.17 0.21 -3.06	10.90 0.20 -2.59	10.80 0.20 -2.38	10.71 0.21 -2.21	10.55 0.22 -1.97	9.74 0.20 -2.19	10.62 0.21 -1.85	10.73 0.20 -1.76	11.14 0.13 -1.85	14.58 0.16 -0.84	17.76 0.17 -0.51	19.40 0.17 -0.17	21.20 0.46 0.00	22.29 0.52 0.00	22.91 0.31 -0.32	25.25 0.44 -0.13	29.32 0.41 -1.41	30.59 0.43 -3.00	36.99 0.58 -2.08	30.16 0.45 -3.05	29.16 0.58 -0.77	26.06 0.40 -0.88	23.65 0.34 -0.52	23.22 0.43 -0.13
HICKLING___2 23622	11.17 0.21 -3.06	10.90 0.20 -2.59	10.80 0.20 -2.38	10.71 0.21 -2.21	10.55 0.22 -1.97	9.74 0.20 -2.19	10.62 0.21 -1.85	10.73 0.20 -1.76	11.14 0.13 -1.85	14.58 0.16 -0.84	17.76 0.17 -0.51	19.40 0.17 -0.17	21.20 0.46 0.00	22.29 0.52 0.00	22.91 0.31 -0.32	25.25 0.44 -0.13	29.32 0.41 -1.41	30.59 0.43 -3.00	36.99 0.58 -2.08	30.16 0.45 -3.05	29.16 0.58 -0.77	26.06 0.40 -0.88	23.65 0.34 -0.52	23.22 0.43 -0.13
HIGH FALLS___HY 23754	20.35 0.32 -12.11	18.67 0.32 -10.24	17.96 0.30 -9.44	17.33 0.29 -8.75	16.40 0.23 -7.81	16.22 0.18 -8.69	16.11 0.24 -7.31	16.03 0.28 -6.99	16.82 0.32 -7.35	17.39 0.48 -3.33	19.74 0.65 -2.01	20.52 0.78 -0.68	21.74 1.00 0.00	22.77 1.00 0.00	24.67 1.11 -1.27	26.56 1.36 -0.53	34.57 1.48 -5.59	40.98 1.44 -12.39	44.89 1.85 -8.71	40.22 1.36 -12.21	32.08 1.22 -3.05	29.48 1.21 -3.48	25.88 1.03 -2.07	23.96 0.79 -0.51
HILLBURN___GT 23639	19.85 0.31 -11.64	18.27 0.32 -9.84	17.61 0.31 -9.07	17.01 0.31 -8.40	16.13 0.27 -7.50	15.92 0.23 -8.34	15.88 0.29 -7.02	15.81 0.33 -6.71	16.60 0.38 -7.06	17.36 0.58 -3.20	19.76 0.75 -1.93	20.63 0.91 -0.65	21.87 1.12 0.00	22.88 1.11 0.00	24.71 1.20 -1.22	26.61 1.43 -0.51	34.35 1.48 -5.37	40.91 1.38 -12.38	44.84 1.68 -8.83	39.77 1.25 -11.86	31.90 1.17 -2.93	29.27 1.14 -3.34	25.77 1.00 -1.99	23.92 0.77 -0.49
HILLSIDE_115KV_TB1 80332	11.16 0.09 -3.16	10.87 0.08 -2.67	10.76 0.07 -2.47	10.66 0.08 -2.28	10.49 0.09 -2.04	9.71 0.10 -2.27	10.56 0.09 -1.91	10.65 0.06 -1.82	11.06 -0.01 -1.92	14.42 -0.03 -0.87	17.54 -0.07 -0.52	19.14 -0.10 -0.18	20.91 0.17 0.00	21.97 0.20 0.00	22.59 -0.02 -0.33	24.88 0.07 -0.14	28.93 -0.03 -1.46	30.23 -0.03 -3.11	36.45 -0.03 -2.15	29.81 0.00 -3.15	28.68 0.08 -0.80	25.64 -0.05 -0.91	23.30 -0.02 -0.54	22.84 0.05 -0.13
HISHELDN_WT_PWR 323625	10.31 0.20 -2.20	10.22 0.24 -1.86	10.18 0.24 -1.72	10.17 0.28 -1.59	10.10 0.32 -1.42	9.21 0.28 -1.58	10.13 0.24 -1.33	10.17 0.13 -1.27	10.45 -0.05 -1.34	14.17 -0.01 -0.61	17.26 -0.19 -0.37	18.94 -0.25 -0.12	20.68 -0.06 0.00	21.68 -0.09 0.00	22.20 -0.31 -0.23	24.74 -0.02 -0.10	27.99 -0.52 -1.02	28.86 -0.46 -2.17	35.21 -0.62 -1.50	28.45 -0.40 -2.20	28.08 -0.28 -0.56	25.22 -0.20 -0.63	23.03 -0.14 -0.38	22.82 0.07 -0.09
HOLTSVILLE_IC_1 23690	24.35 0.67 -15.78	19.13 0.69 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.75 0.52 -7.87	16.55 0.45 -8.76	16.54 0.61 -7.37	16.53 0.72 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.74 1.45 -5.20	27.86 1.72 -7.09	31.26 1.93 -8.58	39.20 1.92 -15.51	40.79 1.96 -16.55	58.95 2.29 -31.98	82.81 2.36 -52.95	121.95 2.28 -92.51	119.75 2.82 -82.61	87.56 2.13 -58.77	48.72 2.25 -18.66	44.89 2.08 -18.02	33.00 1.96 -8.25	30.55 1.74 -6.15
HOLTSVILLE_IC_10 23699	24.41 0.73 -15.78	19.19 0.75 -10.33	18.44 0.69 -9.52	17.77 0.66 -8.82	16.81 0.57 -7.87	16.60 0.49 -8.76	16.58 0.65 -7.37	16.58 0.77 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.02 1.87 -7.09	31.59 2.12 -8.73	39.83 2.13 -15.92	41.50 2.18 -17.03	60.63 2.54 -33.42	86.14 2.67 -55.98	127.29 2.55 -97.58	124.72 3.16 -87.24	90.75 2.40 -61.69	49.82 2.50 -19.52	45.74 2.31 -18.65	33.22 2.17 -8.26	30.75 1.95 -6.15
HOLTSVILLE_IC_2 23691	24.35 0.67 -15.78	19.13 0.69 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.75 0.52 -7.87	16.55 0.45 -8.76	16.54 0.61 -7.37	16.53 0.72 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.74 1.45 -5.20	27.86 1.72 -7.09	31.26 1.93 -8.58	39.20 1.92 -15.51	40.79 1.96 -16.55	58.95 2.29 -31.98	82.81 2.36 -52.95	121.95 2.28 -92.51	119.75 2.82 -82.61	87.56 2.13 -58.77	48.72 2.25 -18.66	44.89 2.08 -18.02	33.00 1.96 -8.25	30.55 1.74 -6.15
HOLTSVILLE_IC_3 23692	24.35 0.67 -15.78	19.13 0.69 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.75 0.52 -7.87	16.55 0.45 -8.76	16.54 0.61 -7.37	16.53 0.72 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.74 1.45 -5.20	27.86 1.72 -7.09	31.26 1.93 -8.58	39.20 1.92 -15.51	40.79 1.96 -16.55	58.95 2.29 -31.98	82.81 2.36 -52.95	121.95 2.28 -92.51	119.75 2.82 -82.61	87.56 2.13 -58.77	48.72 2.25 -18.66	44.89 2.08 -18.02	33.00 1.96 -8.25	30.55 1.74 -6.15

HOLTSVILLE_IC_4 23693	24.35 0.67 -15.78	19.13 0.69 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.75 0.52 -7.87	16.55 0.45 -8.76	16.54 0.61 -7.37	16.53 0.72 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.74 1.45 -5.20	27.86 1.72 -7.09	31.26 1.93 -8.58	39.20 1.92 -15.51	40.79 1.96 -16.55	58.95 2.29 -31.98	82.81 2.36 -52.95	121.95 2.28 -92.51	119.75 2.82 -82.61	87.56 2.13 -58.77	48.72 2.25 -18.66	44.89 2.08 -18.02	33.00 1.96 -8.25	30.55 1.74 -6.15
HOLTSVILLE_IC_5 23694	24.35 0.67 -15.78	19.13 0.69 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.75 0.52 -7.87	16.55 0.45 -8.76	16.54 0.61 -7.37	16.53 0.72 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.74 1.45 -5.20	27.86 1.72 -7.09	31.26 1.93 -8.58	39.20 1.92 -15.51	40.79 1.96 -16.55	58.95 2.29 -31.98	82.81 2.36 -52.95	121.95 2.28 -92.51	119.75 2.82 -82.61	87.56 2.13 -58.77	48.72 2.25 -18.66	44.89 2.08 -18.02	33.00 1.96 -8.25	30.55 1.74 -6.15
HOLTSVILLE_IC_6 23695	24.41 0.73 -15.78	19.19 0.75 -10.33	18.44 0.69 -9.52	17.77 0.66 -8.82	16.81 0.57 -7.87	16.60 0.49 -8.76	16.58 0.65 -7.37	16.58 0.77 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.02 1.87 -7.09	31.59 2.12 -8.73	39.83 2.13 -15.92	41.50 2.18 -17.03	60.63 2.54 -33.42	86.14 2.67 -55.98	127.29 2.55 -97.58	124.72 3.16 -87.24	90.75 2.40 -61.69	49.82 2.50 -19.52	45.74 2.31 -18.65	33.22 2.17 -8.26	30.75 1.95 -6.15
HOLTSVILLE_IC_7 23696	24.41 0.73 -15.78	19.19 0.75 -10.33	18.44 0.69 -9.52	17.77 0.66 -8.82	16.81 0.57 -7.87	16.60 0.49 -8.76	16.58 0.65 -7.37	16.58 0.77 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.02 1.87 -7.09	31.59 2.12 -8.73	39.83 2.13 -15.92	41.50 2.18 -17.03	60.63 2.54 -33.42	86.14 2.67 -55.98	127.29 2.55 -97.58	124.72 3.16 -87.24	90.75 2.40 -61.69	49.82 2.50 -19.52	45.74 2.31 -18.65	33.22 2.17 -8.26	30.75 1.95 -6.15
HOLTSVILLE_IC_8 23697	24.41 0.73 -15.78	19.19 0.75 -10.33	18.44 0.69 -9.52	17.77 0.66 -8.82	16.81 0.57 -7.87	16.60 0.49 -8.76	16.58 0.65 -7.37	16.58 0.77 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.02 1.87 -7.09	31.59 2.12 -8.73	39.83 2.13 -15.92	41.50 2.18 -17.03	60.63 2.54 -33.42	86.14 2.67 -55.98	127.29 2.55 -97.58	124.72 3.16 -87.24	90.75 2.40 -61.69	49.82 2.50 -19.52	45.74 2.31 -18.65	33.22 2.17 -8.26	30.75 1.95 -6.15
HOLTSVILLE_IC_9 23698	24.41 0.73 -15.78	19.19 0.75 -10.33	18.44 0.69 -9.52	17.77 0.66 -8.82	16.81 0.57 -7.87	16.60 0.49 -8.76	16.58 0.65 -7.37	16.58 0.77 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.02 1.87 -7.09	31.59 2.12 -8.73	39.83 2.13 -15.92	41.50 2.18 -17.03	60.63 2.54 -33.42	86.14 2.67 -55.98	127.29 2.55 -97.58	124.72 3.16 -87.24	90.75 2.40 -61.69	49.82 2.50 -19.52	45.74 2.31 -18.65	33.22 2.17 -8.26	30.75 1.95 -6.15
HOMER_HL_115KV_TB2 355744	10.23 -0.01 -2.33	10.07 -0.02 -1.97	10.00 -0.03 -1.81	9.98 0.01 -1.68	9.89 0.03 -1.50	9.05 0.03 -1.67	9.96 -0.01 -1.40	10.00 -0.11 -1.34	10.33 -0.24 -1.41	13.88 -0.34 -0.64	16.92 -0.55 -0.39	18.51 -0.69 -0.13	20.91 0.17 0.00	21.97 0.20 0.00	21.83 -0.69 -0.24	24.18 -0.59 -0.10	27.66 -0.91 -1.07	28.60 -0.84 -2.29	34.81 -1.10 -1.58	28.20 -0.77 -2.32	27.69 -0.70 -0.59	24.71 -0.74 -0.67	22.52 -0.66 -0.40	22.24 -0.52 -0.10
HOWARD_WT_PWR 323690	10.75 0.28 -2.56	10.57 0.28 -2.17	10.49 0.27 -2.00	10.44 0.29 -1.85	10.33 0.31 -1.65	9.46 0.27 -1.84	10.38 0.27 -1.55	10.47 0.23 -1.48	10.84 0.13 -1.55	14.49 0.20 -0.70	17.66 0.15 -0.42	19.40 0.19 -0.14	21.20 0.46 0.00	22.27 0.50 0.00	22.84 0.29 -0.27	25.47 0.69 -0.11	29.03 0.36 -1.18	30.13 0.46 -2.52	36.72 0.65 -1.74	29.77 0.56 -2.55	29.14 0.70 -0.65	26.06 0.54 -0.74	23.66 0.43 -0.44	23.26 0.50 -0.11
HQ_GEN_CEDARS 23644	0.26 -1.48 6.17	0.25 -1.53 6.33	0.24 -1.51 6.47	0.24 -1.54 6.51	0.24 -1.56 6.56	0.30 -1.37 5.68	0.22 -1.58 6.76	0.68 -1.59 6.49	0.65 -1.63 6.87	0.67 -2.53 10.38	0.47 -3.13 13.49	1.87 -3.51 13.68	1.88 -3.86 15.01	1.71 -4.01 16.05	1.67 -4.03 16.58	0.58 -4.51 19.57	0.54 -4.81 22.15	3.89 -4.56 18.70	2.98 -5.56 25.79	2.42 -4.24 19.99	-0.10 -4.45 23.45	0.02 -3.97 20.79	0.14 -3.87 18.77	0.15 -3.90 18.61
HQ_GEN_CEDARS_PROXY 323590	0.26 -1.48 6.17	0.25 -1.53 6.33	0.24 -1.51 6.47	0.24 -1.54 6.51	0.24 -1.56 6.56	0.30 -1.37 5.68	0.22 -1.58 6.76	0.68 -1.59 6.49	0.65 -1.63 6.87	0.67 -2.53 10.38	0.47 -3.13 13.49	1.85 -3.53 13.68	1.88 -3.86 15.01	1.71 -4.01 16.05	1.67 -4.03 16.58	0.53 -4.56 19.57	0.54 -4.81 22.15	3.89 -4.56 18.70	2.98 -5.56 25.79	2.42 -4.24 19.99	-0.10 -4.45 23.45	0.02 -3.97 20.79	0.12 -3.90 18.77	0.12 -3.92 18.61
HQ_GEN_IMPORT 323601	0.98 -1.51 5.42	0.99 -1.56 5.57	0.99 -1.55 5.69	0.99 -1.58 5.73	0.99 -1.60 5.78	0.96 -1.40 4.99	1.00 -1.61 5.96	1.46 -1.64 5.66	1.48 -1.68 6.00	1.89 -2.58 9.11	2.00 -3.19 11.89	3.56 -3.60 11.90	3.57 -3.96 13.21	3.64 -4.11 14.01	3.66 -4.14 14.48	2.72 -4.69 17.26	3.02 -4.95 19.53	6.29 -4.78 16.08	6.05 -5.84 22.45	4.79 -4.48 17.39	2.39 -4.67 20.74	2.24 -4.16 18.38	2.16 -4.03 16.59	2.15 -4.06 16.45
HQ_GEN_WHEEL 23651	0.98 -1.51 5.42	0.99 -1.56 5.57	0.99 -1.55 5.69	0.99 -1.58 5.73	0.99 -1.60 5.78	0.96 -1.40 4.99	1.00 -1.61 5.96	1.46 -1.64 5.66	1.48 -1.68 6.00	1.89 -2.58 9.11	2.00 -3.19 11.89	3.56 -3.60 11.90	3.57 -3.96 13.21	3.64 -4.11 14.01	3.66 -4.14 14.48	2.72 -4.69 17.26	3.02 -4.95 19.53	6.29 -4.78 16.08	6.05 -5.84 22.45	4.79 -4.48 17.39	2.39 -4.67 20.74	2.24 -4.16 18.38	2.16 -4.03 16.59	2.15 -4.06 16.45
HUDSON_AVE_GT_3 23810	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.71 0.77 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.22 1.47 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.98 1.84 -5.64	41.89 1.68 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.24 1.37 -2.08	24.29 1.11 -0.52
HUDSON_AVE_GT_4 23540	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.71 0.77 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.22 1.47 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.98 1.84 -5.64	41.89 1.68 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.24 1.37 -2.08	24.29 1.11 -0.52
HUDSON_AVE_GT_5 23657	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.71 0.77 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.22 1.47 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.98 1.84 -5.64	41.89 1.68 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.24 1.37 -2.08	24.29 1.11 -0.52

HUDSON_AVE_10 24168	20.50 0.38 -12.21	18.82 0.38 -10.32	18.12 0.38 -9.52	17.49 0.38 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.70 0.76 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.18 1.43 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.18 1.31 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52
HUDSON___115KV_TB 4 355613	22.66 0.21 -14.55	20.60 0.19 -12.30	19.76 0.19 -11.35	18.98 0.18 -10.51	17.94 0.20 -9.38	17.97 0.18 -10.43	17.54 0.20 -8.78	17.33 0.18 -8.40	18.17 0.19 -8.82	17.87 0.29 -4.00	19.79 0.29 -2.41	20.28 0.40 -0.82	21.37 0.62 0.00	22.49 0.72 0.00	24.52 0.71 -1.53	26.12 0.81 -0.63	35.26 1.04 -6.72	42.05 1.30 -13.60	45.32 1.79 -9.20	42.27 1.31 -14.31	32.86 1.39 -3.66	30.08 1.12 -4.18	26.18 0.91 -2.48	24.07 0.79 -0.62
HUNTER MOUNT___DRP 323613	22.25 0.19 -14.15	20.24 0.16 -11.96	19.43 0.17 -11.03	18.68 0.17 -10.22	17.66 0.18 -9.12	17.66 0.16 -10.15	17.27 0.16 -8.54	17.06 0.13 -8.17	17.88 0.14 -8.58	17.68 0.20 -3.89	19.62 0.19 -2.34	20.14 0.29 -0.79	21.29 0.54 0.00	22.45 0.67 0.00	24.39 0.62 -1.49	26.05 0.76 -0.62	35.05 1.02 -6.54	42.05 1.44 -13.46	45.54 2.03 -9.18	42.02 1.39 -13.98	32.84 1.47 -3.56	29.99 1.14 -4.07	26.14 0.93 -2.41	24.07 0.82 -0.60
HUNTINGTON_RES_REC 323705	24.34 0.66 -15.78	19.11 0.67 -10.33	18.36 0.62 -9.52	17.70 0.58 -8.82	16.74 0.50 -7.87	16.54 0.43 -8.76	16.52 0.59 -7.37	16.52 0.71 -7.05	17.64 0.79 -7.70	20.51 1.20 -5.73	23.74 1.45 -5.20	27.88 1.73 -7.09	34.85 1.99 -12.11	49.16 2.03 -25.36	52.43 2.09 -28.06	94.71 2.42 -67.62	157.21 2.56 -127.16	246.89 2.44 -217.29	235.30 3.02 -197.94	160.55 2.24 -131.65	58.18 2.11 -28.27	51.86 1.98 -25.09	33.24 2.01 -8.44	30.58 1.77 -6.15
HUNTLEY___63 23557	10.15 0.31 -1.94	10.14 0.38 -1.64	10.15 0.42 -1.51	10.17 0.47 -1.40	10.13 0.52 -1.25	9.19 0.46 -1.39	10.15 0.42 -1.17	10.13 0.25 -1.12	10.31 -0.02 -1.18	14.15 0.04 -0.53	17.24 -0.17 -0.32	18.88 -0.29 -0.11	20.60 -0.15 0.00	21.62 -0.15 0.00	22.19 -0.29 -0.20	24.56 -0.20 -0.08	27.84 -0.55 -0.89	28.49 -0.57 -1.90	34.82 -0.82 -1.32	28.03 -0.56 -1.93	27.90 -0.39 -0.49	25.14 -0.20 -0.56	22.98 -0.14 -0.33	22.94 0.20 -0.08
HUNTLEY___64 23558	10.15 0.31 -1.94	10.14 0.38 -1.64	10.15 0.42 -1.51	10.17 0.47 -1.40	10.13 0.52 -1.25	9.19 0.46 -1.39	10.15 0.42 -1.17	10.13 0.25 -1.12	10.31 -0.02 -1.18	14.15 0.04 -0.53	17.24 -0.17 -0.32	18.88 -0.29 -0.11	20.60 -0.15 0.00	21.62 -0.15 0.00	22.19 -0.29 -0.20	24.56 -0.20 -0.08	27.84 -0.55 -0.89	28.49 -0.57 -1.90	34.82 -0.82 -1.32	28.03 -0.56 -1.93	27.90 -0.39 -0.49	25.14 -0.20 -0.56	22.98 -0.14 -0.33	22.94 0.20 -0.08
HUNTLEY___65 23559	10.15 0.31 -1.94	10.14 0.38 -1.64	10.15 0.42 -1.51	10.17 0.47 -1.40	10.13 0.52 -1.25	9.19 0.46 -1.39	10.15 0.42 -1.17	10.13 0.25 -1.12	10.31 -0.02 -1.18	14.15 0.04 -0.53	17.24 -0.17 -0.32	18.88 -0.29 -0.11	20.60 -0.15 0.00	21.62 -0.15 0.00	22.19 -0.29 -0.20	24.56 -0.20 -0.08	27.84 -0.55 -0.89	28.49 -0.57 -1.90	34.82 -0.82 -1.32	28.03 -0.56 -1.93	27.90 -0.39 -0.49	25.14 -0.20 -0.56	22.98 -0.14 -0.33	22.94 0.20 -0.08
HUNTLEY___66 23560	10.15 0.31 -1.94	10.14 0.38 -1.64	10.15 0.42 -1.51	10.17 0.47 -1.40	10.13 0.52 -1.25	9.19 0.46 -1.39	10.15 0.42 -1.17	10.13 0.25 -1.12	10.31 -0.02 -1.18	14.15 0.04 -0.53	17.24 -0.17 -0.32	18.88 -0.29 -0.11	20.60 -0.15 0.00	21.62 -0.15 0.00	22.19 -0.29 -0.20	24.56 -0.20 -0.08	27.84 -0.55 -0.89	28.49 -0.57 -1.90	34.82 -0.82 -1.32	28.03 -0.56 -1.93	27.90 -0.39 -0.49	25.14 -0.20 -0.56	22.98 -0.14 -0.33	22.94 0.20 -0.08
HUNTLEY___67 23561	10.11 0.22 -1.98	10.06 0.28 -1.67	10.06 0.30 -1.54	10.06 0.34 -1.43	10.02 0.38 -1.27	9.10 0.34 -1.42	10.05 0.29 -1.19	10.06 0.16 -1.14	10.30 -0.05 -1.20	14.10 -0.03 -0.54	17.19 -0.22 -0.33	18.83 -0.34 -0.11	20.54 -0.21 0.00	21.53 -0.24 0.00	22.11 -0.38 -0.21	24.44 -0.32 -0.09	27.75 -0.66 -0.91	28.39 -0.71 -1.94	34.68 -1.00 -1.34	27.96 -0.67 -1.97	27.75 -0.56 -0.50	25.03 -0.32 -0.57	22.87 -0.25 -0.34	22.81 0.07 -0.08
HUNTLEY___68 23562	10.11 0.22 -1.98	10.06 0.28 -1.67	10.06 0.30 -1.54	10.06 0.34 -1.43	10.02 0.38 -1.27	9.10 0.34 -1.42	10.05 0.29 -1.19	10.06 0.16 -1.14	10.30 -0.05 -1.20	14.10 -0.03 -0.54	17.19 -0.22 -0.33	18.83 -0.34 -0.11	20.54 -0.21 0.00	21.53 -0.24 0.00	22.11 -0.38 -0.21	24.44 -0.32 -0.09	27.75 -0.66 -0.91	28.39 -0.71 -1.94	34.68 -1.00 -1.34	27.96 -0.67 -1.97	27.75 -0.56 -0.50	25.03 -0.32 -0.57	22.87 -0.25 -0.34	22.81 0.07 -0.08
HYLAND___LFGE 323620	10.52 0.48 -2.13	10.43 0.51 -1.80	10.38 0.49 -1.66	10.34 0.51 -1.54	10.27 0.54 -1.37	9.35 0.47 -1.53	10.29 0.45 -1.28	10.26 0.27 -1.23	10.41 -0.04 -1.29	13.96 -0.20 -0.59	16.96 -0.48 -0.35	18.53 -0.65 -0.12	20.10 -0.64 0.00	21.16 -0.61 0.00	21.97 -0.53 -0.22	24.30 -0.47 -0.09	28.01 -0.47 -0.98	29.38 0.14 -2.09	36.74 0.96 -1.45	30.16 1.39 -2.12	30.15 1.81 -0.54	26.93 1.54 -0.61	24.45 1.30 -0.36	24.20 1.45 -0.09
INDECK___CORINTH 23802	23.82 0.45 -15.47	21.64 0.45 -13.07	20.72 0.44 -12.06	19.89 0.43 -11.17	18.78 0.45 -9.97	18.85 0.41 -11.09	18.35 0.45 -9.33	18.14 0.46 -8.92	19.03 0.49 -9.38	18.59 0.76 -4.25	20.35 0.70 -2.56	20.84 0.91 -0.87	21.93 1.18 0.00	23.10 1.33 0.00	25.20 1.29 -1.63	26.78 1.43 -0.67	36.64 2.01 -7.14	43.40 2.14 -14.10	46.76 2.99 -9.44	44.22 2.45 -15.11	34.34 2.64 -3.89	31.31 2.08 -4.44	27.20 1.78 -2.64	24.94 1.63 -0.65
INDECK___ILION 23567	7.84 -0.06 0.00	8.05 -0.06 0.00	8.16 -0.07 0.00	8.23 -0.07 0.00	8.31 -0.06 0.00	7.30 -0.05 0.00	8.51 -0.05 0.00	8.72 -0.04 0.00	9.13 -0.03 0.00	13.52 -0.05 0.00	17.03 -0.05 0.00	18.98 -0.08 0.00	20.66 -0.08 0.00	21.71 -0.07 0.00	22.21 -0.07 0.00	24.60 -0.07 0.00	27.47 -0.03 0.00	27.15 0.00 0.00	34.37 0.03 0.00	26.71 0.05 0.00	27.83 0.03 0.00	24.83 0.05 0.00	22.76 -0.02 0.00	22.64 -0.02 0.00
INDECK___OLEAN 23982	10.23 -0.01 -2.33	10.07 -0.02 -1.97	10.00 -0.03 -1.81	9.98 0.01 -1.68	9.89 0.03 -1.50	9.05 0.03 -1.67	9.96 -0.01 -1.40	10.00 -0.10 -1.34	10.33 -0.24 -1.41	13.88 -0.34 -0.64	16.92 -0.55 -0.39	18.66 -0.53 -0.13	20.91 0.17 0.00	21.97 0.20 0.00	21.83 -0.69 -0.24	25.12 0.35 -0.10	27.66 -0.91 -1.07	28.60 -0.84 -2.29	34.81 -1.10 -1.58	28.20 -0.77 -2.32	27.70 -0.69 -0.59	24.71 -0.74 -0.67	22.55 -0.64 -0.40	22.24 -0.52 -0.10
INDECK___OSWEGO 23783	9.20 -0.07 -1.37	9.25 -0.08 -1.21	9.29 -0.08 -1.15	9.31 -0.08 -1.10	9.30 -0.08 -1.02	8.33 -0.07 -1.05	9.46 -0.09 -0.99	9.65 -0.08 -0.97	10.07 -0.10 -1.02	14.28 -0.15 -0.85	17.77 -0.20 -0.89	19.67 -0.25 -0.86	21.11 -0.35 -0.72	22.32 -0.37 -0.92	22.93 -0.40 -1.05	25.31 -0.44 -1.08	28.65 -0.49 -1.65	28.88 -0.46 -2.19	35.98 -0.55 -2.20	28.43 -0.43 -2.20	28.86 -0.42 -1.48	25.77 -0.40 -1.38	23.60 -0.34 -1.16	23.45 -0.23 -1.02

INDECK___YERKES 23781	10.16 0.32 -1.94	10.16 0.41 -1.64	10.16 0.43 -1.51	10.18 0.48 -1.40	10.14 0.53 -1.25	9.20 0.46 -1.39	10.16 0.43 -1.17	10.14 0.26 -1.12	10.32 -0.01 -1.18	14.17 0.05 -0.53	17.25 -0.15 -0.32	18.92 -0.25 -0.11	20.62 -0.12 0.00	21.64 -0.13 0.00	22.22 -0.27 -0.20	24.68 -0.07 -0.08	27.87 -0.52 -0.89	28.52 -0.54 -1.90	34.86 -0.79 -1.32	28.05 -0.53 -1.93	27.93 -0.36 -0.49	25.17 -0.17 -0.56	23.03 -0.09 -0.33	22.97 0.23 -0.08
INDIAN POINT_GT_1 24139	20.30 0.31 -12.09	18.66 0.32 -10.22	17.97 0.32 -9.42	17.35 0.32 -8.73	16.43 0.28 -7.79	16.25 0.24 -8.67	16.16 0.30 -7.29	16.09 0.35 -6.97	16.89 0.40 -7.33	17.51 0.61 -3.32	19.87 0.79 -2.00	20.69 0.95 -0.68	21.93 1.18 0.00	22.95 1.18 0.00	24.80 1.25 -1.27	26.65 1.46 -0.53	34.59 1.51 -5.58	41.50 1.44 -12.91	45.27 1.72 -9.22	40.27 1.28 -12.33	32.04 1.20 -3.04	29.44 1.19 -3.47	25.90 1.05 -2.06	23.99 0.82 -0.51
INDIAN POINT_GT_2 23659	20.30 0.31 -12.09	18.66 0.32 -10.22	17.97 0.32 -9.42	17.35 0.32 -8.73	16.43 0.28 -7.79	16.25 0.24 -8.67	16.16 0.30 -7.29	16.09 0.35 -6.97	16.89 0.40 -7.33	17.51 0.61 -3.32	19.87 0.79 -2.00	20.69 0.95 -0.68	21.93 1.18 0.00	22.95 1.18 0.00	24.80 1.25 -1.27	26.65 1.46 -0.53	34.59 1.51 -5.58	41.50 1.44 -12.91	45.27 1.72 -9.22	40.27 1.28 -12.33	32.04 1.20 -3.04	29.44 1.19 -3.47	25.90 1.05 -2.06	23.99 0.82 -0.51
INDIAN POINT_GT_3 24019	20.30 0.31 -12.09	18.66 0.32 -10.22	17.97 0.32 -9.42	17.35 0.32 -8.73	16.43 0.28 -7.79	16.25 0.24 -8.67	16.16 0.30 -7.29	16.09 0.35 -6.97	16.89 0.40 -7.33	17.51 0.61 -3.32	19.87 0.79 -2.00	20.69 0.95 -0.68	21.93 1.18 0.00	22.95 1.18 0.00	24.80 1.25 -1.27	26.65 1.46 -0.53	34.59 1.51 -5.58	41.50 1.44 -12.91	45.27 1.72 -9.22	40.27 1.28 -12.33	32.04 1.20 -3.04	29.44 1.19 -3.47	25.90 1.05 -2.06	23.99 0.82 -0.51
INDIAN POINT___2 23530	20.14 0.31 -11.93	18.51 0.32 -10.08	17.83 0.31 -9.30	17.22 0.32 -8.61	16.32 0.27 -7.69	16.13 0.23 -8.55	16.06 0.30 -7.20	15.98 0.34 -6.88	16.78 0.39 -7.23	17.46 0.60 -3.28	19.83 0.77 -1.97	20.66 0.93 -0.67	21.87 1.12 0.00	22.90 1.13 0.00	24.74 1.20 -1.25	26.62 1.43 -0.52	34.46 1.46 -5.51	41.23 1.36 -12.71	45.06 1.65 -9.08	40.05 1.23 -12.16	31.95 1.14 -3.00	29.35 1.14 -3.43	25.85 1.03 -2.03	23.96 0.79 -0.50
INDIAN POINT___3 23531	20.31 0.31 -12.09	18.66 0.32 -10.22	17.96 0.31 -9.43	17.34 0.32 -8.73	16.43 0.28 -7.79	16.25 0.24 -8.67	16.16 0.30 -7.30	16.08 0.34 -6.98	16.88 0.39 -7.33	17.50 0.60 -3.33	19.86 0.77 -2.00	20.65 0.91 -0.68	21.89 1.14 0.00	22.88 1.11 0.00	24.76 1.20 -1.27	26.58 1.38 -0.53	34.54 1.46 -5.58	41.43 1.36 -12.92	45.17 1.61 -9.23	40.20 1.20 -12.34	31.99 1.14 -3.04	29.40 1.14 -3.47	25.85 1.00 -2.06	23.96 0.79 -0.51
INGHAM_C_115KV_TB7 356103	7.77 -0.13 0.00	7.99 -0.13 0.00	8.10 -0.12 0.00	8.17 -0.12 0.00	8.25 -0.12 0.00	7.25 -0.10 0.00	8.47 -0.09 0.00	8.67 -0.09 0.00	9.10 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.60 -0.15 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.41 -0.08 0.00	27.13 -0.03 0.00	34.33 0.00 0.00	26.68 0.03 0.00	27.83 0.03 0.00	24.88 0.10 0.00	22.79 0.00 0.00	22.64 -0.02 0.00
IP CORINTH___1 23988	23.82 0.45 -15.47	21.64 0.45 -13.07	20.72 0.44 -12.06	19.89 0.43 -11.17	18.78 0.45 -9.97	18.85 0.41 -11.09	18.35 0.45 -9.33	18.14 0.46 -8.92	19.03 0.49 -9.38	18.59 0.76 -4.25	20.35 0.70 -2.56	20.84 0.91 -0.87	21.93 1.18 0.00	23.10 1.33 0.00	25.20 1.29 -1.63	26.75 1.41 -0.67	36.65 2.01 -7.14	43.40 2.15 -14.10	46.76 2.99 -9.44	44.22 2.45 -15.11	34.34 2.64 -3.89	31.31 2.08 -4.44	27.20 1.78 -2.64	24.94 1.63 -0.65
IP___TICONDEROGA 23804	24.29 0.94 -15.45	22.10 0.93 -13.06	21.18 0.91 -12.04	20.35 0.90 -11.15	19.25 0.93 -9.95	19.28 0.86 -11.07	18.83 0.95 -9.32	18.66 0.99 -8.91	19.57 1.05 -9.37	19.44 1.62 -4.25	21.42 1.78 -2.56	22.12 2.19 -0.87	23.36 2.61 0.00	24.65 2.87 0.00	26.69 2.79 -1.62	28.40 3.06 -0.67	38.64 4.01 -7.13	45.42 4.21 -14.05	49.40 5.66 -9.40	46.40 4.66 -15.08	36.84 5.14 -3.89	33.26 4.04 -4.44	28.91 3.49 -2.63	26.62 3.31 -0.65
ISLIP_RES_REC 323679	24.45 0.77 -15.78	19.23 0.79 -10.33	18.48 0.73 -9.52	17.80 0.69 -8.82	16.84 0.60 -7.87	16.63 0.52 -8.76	16.62 0.69 -7.37	16.61 0.81 -7.05	17.75 0.90 -7.70	20.68 1.37 -5.73	23.94 1.66 -5.20	28.13 1.98 -7.09	31.53 2.26 -8.52	39.40 2.29 -15.34	40.97 2.34 -16.35	58.68 2.74 -31.27	81.93 2.89 -51.55	120.03 2.77 -90.11	118.08 3.47 -80.29	86.57 2.61 -57.30	49.83 2.73 -19.30	45.78 2.50 -18.49	33.37 2.33 -8.25	30.89 2.08 -6.15
JAMAICA__27_KV_LOAD 355505	20.55 0.43 -12.21	18.87 0.43 -10.32	18.16 0.42 -9.52	17.54 0.43 -8.82	16.60 0.37 -7.87	16.43 0.32 -8.76	16.37 0.44 -7.37	16.31 0.51 -7.05	17.14 0.58 -7.41	17.83 0.90 -3.36	20.17 1.06 -2.02	21.04 1.30 -0.68	22.32 1.58 0.00	23.32 1.55 0.00	25.19 1.63 -1.28	27.03 1.83 -0.53	35.09 1.95 -5.64	42.02 1.82 -13.05	45.82 2.16 -9.33	40.69 1.57 -12.46	32.35 1.47 -3.07	29.85 1.56 -3.51	26.47 1.60 -2.08	24.44 1.27 -0.52
JANIS___SOLAR 323808	11.49 0.34 -3.25	11.18 0.32 -2.74	11.08 0.33 -2.53	10.96 0.32 -2.34	10.78 0.33 -2.09	9.98 0.30 -2.33	10.90 0.38 -1.96	11.02 0.39 -1.87	11.47 0.35 -1.97	14.82 0.35 -0.89	18.03 0.41 -0.54	19.64 0.40 -0.18	21.24 0.50 0.00	22.38 0.61 0.00	23.22 0.60 -0.34	25.60 0.79 -0.14	30.12 1.13 -1.50	31.70 1.36 -3.19	38.63 2.09 -2.20	31.60 1.71 -3.23	30.46 1.83 -0.82	27.20 1.49 -0.93	24.48 1.14 -0.55	23.95 1.15 -0.14
JARVIS____ 23743	7.86 -0.05 0.00	8.07 -0.05 0.00	8.17 -0.05 0.00	8.25 -0.05 0.00	8.31 -0.05 0.00	7.31 -0.04 0.00	8.51 -0.05 0.00	8.71 -0.05 0.00	9.11 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.62 -0.12 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.36 -0.14 0.00	27.05 -0.11 0.00	34.19 -0.14 0.00	26.55 -0.11 0.00	27.69 -0.11 0.00	24.68 -0.10 0.00	22.67 -0.11 0.00	22.55 -0.11 0.00
JENNISON___1 23625	12.37 0.36 -4.11	11.94 0.35 -3.47	11.77 0.35 -3.20	11.60 0.34 -2.97	11.35 0.34 -2.65	10.62 0.32 -2.94	11.44 0.39 -2.48	11.54 0.41 -2.37	12.09 0.44 -2.49	15.21 0.50 -1.13	18.41 0.65 -0.68	19.96 0.67 -0.23	21.62 0.87 0.00	22.79 1.02 0.00	23.74 1.02 -0.43	25.99 1.13 -0.18	30.96 1.57 -1.90	32.90 1.71 -4.03	39.46 2.33 -2.79	32.64 1.89 -4.09	30.81 1.97 -1.03	27.57 1.61 -1.18	24.70 1.21 -0.70	23.99 1.16 -0.17
JENNISON___2 23626	12.37 0.36 -4.11	11.94 0.35 -3.47	11.77 0.35 -3.20	11.60 0.34 -2.97	11.35 0.34 -2.65	10.62 0.32 -2.94	11.44 0.39 -2.48	11.54 0.41 -2.37	12.09 0.44 -2.49	15.21 0.50 -1.13	18.41 0.65 -0.68	19.96 0.67 -0.23	21.62 0.87 0.00	22.79 1.02 0.00	23.74 1.02 -0.43	25.99 1.13 -0.18	30.96 1.57 -1.90	32.90 1.71 -4.03	39.46 2.33 -2.79	32.64 1.89 -4.09	30.81 1.97 -1.03	27.57 1.61 -1.18	24.70 1.21 -0.70	23.99 1.16 -0.17

JERICO_RISE_WT_PWR 323719	0.31 -1.68 5.92	0.30 -1.75 6.07	0.29 -1.73 6.21	0.29 -1.76 6.25	0.31 -1.76 6.30	0.37 -1.53 5.45	0.33 -1.74 6.49	0.82 -1.73 6.21	0.83 -1.75 6.58	0.99 -2.63 9.96	0.92 -3.21 12.95	2.41 -3.56 13.08	2.44 -3.90 14.41	2.33 -4.07 15.37	2.31 -4.10 15.87	1.21 -4.66 18.80	1.31 -4.92 21.27	4.63 -4.70 17.82	3.90 -5.77 24.67	3.06 -4.48 19.12	0.48 -4.78 22.54	0.48 -4.31 19.99	0.51 -4.24 18.04	0.51 -4.26 17.89
KATONAH__115KV_46KV_TB4 355592	20.62 0.35 -12.37	18.93 0.36 -10.45	18.22 0.35 -9.64	17.59 0.37 -8.93	16.64 0.30 -7.97	16.47 0.26 -8.87	16.35 0.33 -7.46	16.29 0.39 -7.14	17.11 0.46 -7.50	17.66 0.68 -3.40	20.02 0.89 -2.05	20.78 1.03 -0.69	22.14 1.39 0.00	23.19 1.42 0.00	25.10 1.52 -1.30	26.91 1.70 -0.54	35.08 1.87 -5.71	42.17 1.82 -13.19	45.98 2.23 -9.42	40.95 1.68 -12.62	32.39 1.47 -3.11	29.77 1.44 -3.55	26.10 1.21 -2.11	24.13 0.95 -0.52
KCE_NY_1 323755	23.72 0.39 -15.42	21.54 0.39 -13.04	20.63 0.39 -12.02	19.82 0.39 -11.13	18.70 0.40 -9.94	18.77 0.36 -11.06	18.27 0.40 -9.31	18.06 0.40 -8.90	18.94 0.43 -9.35	18.47 0.65 -4.24	20.37 0.73 -2.55	20.84 0.91 -0.86	21.89 1.14 0.00	23.03 1.26 0.00	25.15 1.25 -1.62	26.72 1.38 -0.67	36.32 1.71 -7.12	42.95 1.79 -14.00	46.06 2.37 -9.36	43.65 1.94 -15.05	33.77 2.09 -3.88	30.90 1.69 -4.43	26.90 1.48 -2.63	24.67 1.36 -0.65
KCE_NY_6_ESR 323823	10.23 0.26 -2.06	10.16 0.30 -1.74	10.14 0.30 -1.61	10.14 0.36 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.13 0.32 -1.25	10.14 0.18 -1.19	10.39 -0.02 -1.25	14.19 0.04 -0.57	17.27 -0.15 -0.34	18.97 -0.21 -0.12	20.81 0.06 0.00	21.84 0.07 0.00	22.25 -0.24 -0.22	24.91 0.15 -0.09	27.98 -0.47 -0.95	28.75 -0.44 -2.03	35.08 -0.65 -1.40	28.31 -0.40 -2.06	28.05 -0.28 -0.52	25.23 -0.15 -0.59	23.05 -0.09 -0.35	22.91 0.16 -0.09
KEDC_PORT_JEFF_GT2 24210	24.39 0.70 -15.78	19.16 0.72 -10.33	18.42 0.67 -9.52	17.75 0.63 -8.82	16.79 0.55 -7.87	16.58 0.48 -8.76	16.57 0.63 -7.37	16.56 0.75 -7.05	17.69 0.83 -7.70	20.59 1.28 -5.73	23.82 1.54 -5.20	27.98 1.83 -7.09	31.85 2.07 -9.03	40.57 2.05 -16.75	42.36 2.07 -18.00	63.39 2.27 -36.45	92.10 2.34 -62.27	137.56 2.23 -108.18	134.14 2.75 -97.06	96.64 2.08 -67.90	50.05 2.14 -20.11	45.95 2.08 -19.09	33.16 2.10 -8.28	30.66 1.86 -6.15
KEDC_PORT_JEFF_GT3 24211	24.39 0.70 -15.78	19.16 0.72 -10.33	18.42 0.67 -9.52	17.75 0.63 -8.82	16.79 0.55 -7.87	16.58 0.48 -8.76	16.57 0.63 -7.37	16.56 0.75 -7.05	17.69 0.83 -7.70	20.59 1.28 -5.73	23.82 1.54 -5.20	27.98 1.83 -7.09	31.85 2.07 -9.03	40.57 2.05 -16.75	42.36 2.07 -18.00	63.39 2.27 -36.45	92.10 2.34 -62.27	137.56 2.23 -108.18	134.14 2.75 -97.06	96.64 2.08 -67.90	50.05 2.14 -20.11	45.95 2.08 -19.09	33.16 2.10 -8.28	30.66 1.86 -6.15
KEDC_GLWD_GT4 24219	24.17 0.48 -15.78	18.94 0.50 -10.33	18.21 0.47 -9.52	17.57 0.46 -8.82	16.63 0.39 -7.87	16.44 0.34 -8.76	16.40 0.46 -7.37	16.35 0.54 -7.05	17.45 0.59 -7.70	20.22 0.91 -5.73	23.45 1.16 -5.20	27.54 1.39 -7.09	28.74 1.64 -6.36	32.78 1.68 -9.33	33.36 1.76 -9.32	35.92 1.90 -9.35	35.54 2.01 -6.03	42.53 1.87 -13.51	45.97 2.30 -9.34	40.83 1.71 -12.47	34.70 1.64 -5.26	34.68 1.76 -8.13	32.45 1.59 -8.06	30.16 1.36 -6.15
KEDC_GLWD_GT5 24220	24.17 0.48 -15.78	18.94 0.50 -10.33	18.21 0.47 -9.52	17.57 0.46 -8.82	16.63 0.39 -7.87	16.44 0.34 -8.76	16.40 0.46 -7.37	16.35 0.54 -7.05	17.45 0.59 -7.70	20.22 0.91 -5.73	23.45 1.16 -5.20	27.54 1.39 -7.09	28.74 1.64 -6.36	32.78 1.68 -9.33	33.36 1.76 -9.32	35.92 1.90 -9.35	35.54 2.01 -6.03	42.53 1.87 -13.51	45.97 2.30 -9.34	40.83 1.71 -12.47	34.70 1.64 -5.26	34.68 1.76 -8.13	32.45 1.59 -8.06	30.16 1.36 -6.15
KENSICO____ 23655	20.43 0.34 -12.19	18.77 0.36 -10.30	18.07 0.35 -9.50	17.44 0.35 -8.80	16.53 0.31 -7.85	16.35 0.26 -8.74	16.25 0.33 -7.35	16.18 0.39 -7.03	16.98 0.43 -7.39	17.60 0.67 -3.35	19.96 0.85 -2.02	20.77 1.03 -0.68	22.01 1.27 0.00	23.03 1.26 0.00	24.90 1.34 -1.28	26.73 1.53 -0.53	34.74 1.62 -5.63	41.70 1.52 -13.02	45.46 1.82 -9.31	40.45 1.36 -12.44	32.15 1.28 -3.07	29.57 1.29 -3.50	26.03 1.16 -2.08	24.10 0.93 -0.52
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.71 0.32 -11.49	18.13 0.31 -9.71	17.47 0.30 -8.96	16.88 0.29 -8.29	15.99 0.23 -7.40	15.78 0.19 -8.24	15.73 0.24 -6.93	15.66 0.27 -6.63	16.43 0.31 -6.97	17.20 0.46 -3.16	19.62 0.63 -1.90	20.47 0.76 -0.64	21.72 0.98 0.00	22.75 0.98 0.00	24.58 1.09 -1.21	26.50 1.33 -0.50	34.28 1.48 -5.30	40.44 1.44 -11.85	44.57 1.89 -8.35	39.67 1.41 -11.60	31.97 1.28 -2.89	29.35 1.26 -3.30	25.79 1.05 -1.96	23.98 0.84 -0.49
KIAC_JFK_GT1 23816	20.50 0.38 -12.21	18.83 0.39 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.55 0.32 -7.87	16.39 0.29 -8.76	16.32 0.39 -7.37	16.26 0.46 -7.05	17.08 0.52 -7.41	17.75 0.81 -3.36	20.06 0.96 -2.02	20.93 1.18 -0.68	22.20 1.45 0.00	23.19 1.42 0.00	25.06 1.49 -1.28	26.78 1.58 -0.53	34.81 1.68 -5.64	41.75 1.55 -13.05	45.44 1.79 -9.33	40.43 1.31 -12.46	32.07 1.20 -3.07	29.60 1.31 -3.51	26.31 1.44 -2.08	24.31 1.13 -0.52
KIAC_JFK_GT2 23817	20.50 0.38 -12.21	18.83 0.39 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.55 0.32 -7.87	16.39 0.29 -8.76	16.32 0.39 -7.37	16.26 0.46 -7.05	17.08 0.52 -7.41	17.75 0.81 -3.36	20.06 0.96 -2.02	20.93 1.18 -0.68	22.20 1.45 0.00	23.19 1.42 0.00	25.06 1.49 -1.28	26.78 1.58 -0.53	34.81 1.68 -5.64	41.75 1.55 -13.05	45.44 1.79 -9.33	40.43 1.31 -12.46	32.07 1.20 -3.07	29.60 1.31 -3.51	26.31 1.44 -2.08	24.31 1.13 -0.52
KIAC_JFK____ 323774	20.50 0.38 -12.21	18.81 0.37 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.55 0.32 -7.87	16.39 0.29 -8.76	16.32 0.39 -7.37	16.26 0.46 -7.05	17.08 0.52 -7.41	17.75 0.81 -3.36	20.06 0.96 -2.02	20.93 1.18 -0.68	22.16 1.41 0.00	23.19 1.41 0.00	25.06 1.49 -1.28	26.81 1.60 -0.53	34.81 1.68 -5.64	41.75 1.55 -13.05	45.44 1.78 -9.33	40.43 1.31 -12.46	32.07 1.19 -3.07	29.60 1.31 -3.51	26.31 1.44 -2.08	24.31 1.13 -0.52
KINTIGH____ 23543	9.82 0.21 -1.71	9.83 0.27 -1.44	9.83 0.28 -1.33	9.84 0.32 -1.23	9.82 0.35 -1.10	8.89 0.32 -1.22	9.87 0.27 -1.03	9.91 0.17 -0.99	10.18 -0.01 -1.04	14.09 0.04 -0.47	17.27 -0.10 -0.28	18.97 -0.19 -0.10	20.44 -0.31 0.00	21.44 -0.33 0.00	22.26 -0.20 -0.18	24.55 -0.20 -0.07	27.84 -0.44 -0.79	28.32 -0.52 -1.68	34.77 -0.72 -1.16	27.85 -0.51 -1.70	27.84 -0.39 -0.43	25.10 -0.17 -0.49	22.96 -0.11 -0.29	22.91 0.18 -0.07
KNTFSRNC_46_KV_46KV_LOAD 80397	0.49 -1.64 5.78	0.48 -1.70 5.94	0.46 -1.69 6.07	0.47 -1.72 6.11	0.49 -1.71 6.16	0.53 -1.49 5.33	0.52 -1.70 6.35	1.04 -1.66 6.06	1.05 -1.68 6.42	1.31 -2.54 9.73	1.33 -3.09 12.66	2.89 -3.41 12.76	2.93 -3.73 14.08	2.89 -3.88 15.00	2.89 -3.90 15.49	1.90 -4.39 18.38	2.02 -4.67 20.80	5.43 -4.37 17.35	4.91 -5.36 24.07	3.87 -4.13 18.65	1.27 -4.48 22.06	1.19 -4.04 19.55	1.17 -3.97 17.65	1.10 -4.06 17.50

LACHUTE___HYDRO 323717	24.29 0.94 -15.45	22.10 0.92 -13.06	21.18 0.91 -12.04	20.35 0.90 -11.15	19.25 0.93 -9.95	19.28 0.86 -11.07	18.83 0.95 -9.32	18.66 0.99 -8.91	19.57 1.05 -9.37	19.44 1.62 -4.25	21.42 1.78 -2.56	22.14 2.21 -0.87	23.38 2.64 0.00	24.65 2.87 0.00	26.69 2.78 -1.62	28.43 3.08 -0.67	38.64 4.01 -7.13	45.42 4.21 -14.05	49.40 5.66 -9.40	46.40 4.66 -15.08	36.83 5.14 -3.89	33.26 4.04 -4.44	28.91 3.49 -2.63	26.62 3.31 -0.65
LAWRNCAV_115KV_TB1 80681	0.43 -1.45 6.03	0.44 -1.49 6.18	0.44 -1.46 6.32	0.44 -1.50 6.35	0.45 -1.52 6.40	0.40 -1.33 5.61	0.46 -1.52 6.58	0.47 -1.54 6.75	0.49 -1.57 7.09	0.67 -2.47 10.43	0.83 -3.04 13.22	0.91 -3.43 14.72	0.91 -3.78 16.06	1.02 -3.92 16.83	1.03 -3.94 17.31	1.19 -4.39 19.09	1.28 -4.65 21.57	1.26 -4.40 21.50	1.54 -5.32 27.47	1.25 -4.03 21.38	1.27 -4.23 22.31	1.17 -3.74 19.87	1.09 -3.71 17.99	1.06 -3.74 17.86
LEDERLE___ 23769	20.00 0.33 -11.76	18.41 0.35 -9.94	17.73 0.34 -9.17	17.13 0.34 -8.49	16.24 0.29 -7.58	16.03 0.25 -8.43	15.98 0.32 -7.10	15.91 0.36 -6.78	16.70 0.41 -7.13	17.44 0.62 -3.23	19.84 0.80 -1.95	20.69 0.97 -0.66	21.93 1.18 0.00	22.95 1.18 0.00	24.79 1.27 -1.24	26.69 1.50 -0.51	34.49 1.57 -5.43	41.14 1.47 -12.52	45.05 1.79 -8.94	39.98 1.33 -11.99	32.02 1.25 -2.96	29.38 1.21 -3.38	25.86 1.07 -2.01	23.99 0.84 -0.50
LIGHTHSE_115KV_TB6 355974	9.59 -0.11 -1.79	9.64 -0.13 -1.66	9.72 -0.12 -1.61	9.72 -0.13 -1.56	9.72 -0.13 -1.49	8.69 -0.11 -1.45	9.91 -0.12 -1.47	10.11 -0.12 -1.47	10.56 -0.14 -1.54	14.99 -0.24 -1.66	18.70 -0.31 -1.92	20.71 -0.36 -2.01	22.25 -0.46 -1.96	23.55 -0.46 -2.24	24.22 -0.47 -2.40	26.73 -0.52 -2.58	30.29 -0.52 -3.32	30.57 -0.41 -3.83	38.27 -0.38 -4.32	30.24 -0.24 -3.83	30.77 -0.25 -3.21	27.51 -0.20 -2.92	25.07 -0.27 -2.56	24.87 -0.20 -2.41
LINDEN COGEN___ 23786	20.46 0.34 -12.21	18.78 0.34 -10.32	18.08 0.34 -9.52	17.46 0.35 -8.82	16.53 0.29 -7.87	16.35 0.25 -8.76	16.26 0.33 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.00 0.89 -2.02	20.85 1.11 -0.68	22.08 1.33 0.00	23.10 1.33 0.00	24.99 1.43 -1.28	26.86 1.65 -0.53	34.76 1.62 -5.64	41.67 1.47 -13.05	45.37 1.72 -9.33	40.37 1.25 -12.46	32.05 1.17 -3.07	29.58 1.29 -3.51	26.10 1.23 -2.08	24.15 0.97 -0.52
LINDHRST_69_KV_BK1 356055	24.36 0.68 -15.78	19.14 0.70 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.76 0.53 -7.87	16.56 0.46 -8.76	16.55 0.62 -7.37	16.54 0.73 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.76 1.47 -5.20	27.90 1.75 -7.09	29.38 2.05 -6.57	33.77 2.07 -9.93	34.44 2.14 -10.03	38.50 2.49 -11.34	40.51 2.64 -10.38	50.41 2.55 -20.70	53.25 3.16 -15.77	45.56 2.37 -16.53	38.95 2.50 -8.65	37.72 2.30 -10.64	32.98 2.10 -8.10	30.69 1.88 -6.15
LIPA_MISC_IPP 23656	24.41 0.73 -15.78	19.20 0.75 -10.33	18.44 0.70 -9.52	17.77 0.66 -8.82	16.80 0.57 -7.87	16.61 0.50 -8.76	16.59 0.66 -7.37	16.59 0.78 -7.05	17.72 0.86 -7.70	20.63 1.32 -5.73	23.86 1.57 -5.20	28.01 1.87 -7.09	31.49 2.14 -8.61	39.50 2.13 -15.59	41.11 2.18 -16.65	59.51 2.57 -32.27	83.76 2.72 -53.55	123.30 2.63 -93.51	121.15 3.30 -83.52	88.48 2.48 -59.35	49.24 2.61 -18.82	45.30 2.38 -18.14	33.23 2.19 -8.26	30.78 1.97 -6.15
LISF___SOLAR 323691	24.43 0.75 -15.78	19.21 0.77 -10.33	18.47 0.72 -9.52	17.80 0.68 -8.82	16.82 0.59 -7.87	16.62 0.51 -8.76	16.61 0.68 -7.37	16.61 0.80 -7.05	17.73 0.88 -7.70	20.64 1.33 -5.73	23.87 1.59 -5.20	28.05 1.91 -7.09	31.54 2.16 -8.64	39.62 2.18 -15.67	41.24 2.23 -16.74	59.85 2.64 -32.54	84.41 2.81 -54.11	124.33 2.72 -94.46	122.12 3.40 -84.39	89.13 2.58 -59.89	49.48 2.70 -18.98	45.49 2.45 -18.25	33.30 2.26 -8.26	30.84 2.04 -6.15
LITTLE FALLS___HYD 24013	7.77 -0.13 0.00	7.99 -0.13 0.00	8.10 -0.12 0.00	8.17 -0.12 0.00	8.25 -0.12 0.00	7.25 -0.10 0.00	8.47 -0.09 0.00	8.67 -0.09 0.00	9.10 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.60 -0.15 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.41 -0.08 0.00	27.13 -0.03 0.00	34.33 0.00 0.00	26.68 0.03 0.00	27.83 0.03 0.00	24.88 0.10 0.00	22.79 0.00 0.00	22.64 -0.02 0.00
LITTLRIV_115KV_TB1 356100	0.30 -1.40 6.21	0.29 -1.46 6.36	0.29 -1.43 6.50	0.29 -1.47 6.54	0.29 -1.49 6.58	0.28 -1.29 5.78	0.31 -1.48 6.78	0.31 -1.51 6.94	0.34 -1.52 7.30	0.42 -2.42 10.74	0.51 -2.97 13.60	0.56 -3.35 15.15	0.56 -3.69 16.49	0.67 -3.79 17.32	0.68 -3.79 17.81	0.79 -4.24 19.64	0.88 -4.43 22.19	0.90 -4.13 22.12	1.16 -4.91 28.27	0.98 -3.68 22.00	0.98 -3.86 22.95	0.86 -3.47 20.45	0.75 -3.53 18.51	0.70 -3.58 18.38
LI_NEWBRDGE___DRP 323616	24.17 0.49 -15.78	18.95 0.51 -10.33	18.21 0.46 -9.52	17.55 0.43 -8.82	16.60 0.36 -7.87	16.42 0.31 -8.76	16.39 0.45 -7.37	16.37 0.56 -7.05	17.46 0.60 -7.70	20.22 0.91 -5.73	23.39 1.11 -5.20	27.44 1.30 -7.08	28.61 1.54 -6.32	32.51 1.50 -9.24	33.09 1.58 -9.23	35.87 1.85 -9.35	35.18 1.95 -5.73	42.15 1.85 -13.15	45.93 2.27 -9.33	40.80 1.68 -12.47	34.70 1.64 -5.26	34.50 1.59 -8.13	32.38 1.53 -8.06	30.09 1.29 -6.14
LOCKPORT_115KV_TB60_63_64 80432	9.99 0.23 -1.86	9.98 0.30 -1.57	10.01 0.35 -1.45	10.03 0.40 -1.34	10.03 0.47 -1.20	9.09 0.41 -1.33	10.02 0.33 -1.12	10.00 0.17 -1.07	10.22 -0.06 -1.13	14.06 -0.03 -0.51	17.15 -0.24 -0.31	18.80 -0.36 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.41 -0.35 -0.08	27.69 -0.66 -0.86	28.27 -0.71 -1.82	34.60 -1.00 -1.26	27.84 -0.67 -1.85	27.74 -0.53 -0.47	25.02 -0.30 -0.53	22.88 -0.23 -0.32	22.85 0.11 -0.08
LOCKPORT___CC1 323769	10.01 0.23 -1.87	10.00 0.31 -1.58	10.02 0.34 -1.46	10.04 0.39 -1.35	10.02 0.45 -1.20	9.09 0.40 -1.34	10.02 0.33 -1.13	10.01 0.17 -1.08	10.23 -0.05 -1.13	14.08 -0.01 -0.51	17.16 -0.24 -0.31	18.82 -0.34 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.46 -0.29 -0.08	27.67 -0.69 -0.86	28.29 -0.71 -1.84	34.57 -1.03 -1.27	27.83 -0.69 -1.86	27.72 -0.56 -0.47	25.02 -0.30 -0.54	22.88 -0.23 -0.32	22.85 0.11 -0.08
LOCKPORT___CC2 323770	10.01 0.23 -1.87	10.00 0.31 -1.58	10.02 0.34 -1.46	10.04 0.39 -1.35	10.02 0.45 -1.20	9.09 0.40 -1.34	10.02 0.33 -1.13	10.01 0.17 -1.08	10.23 -0.05 -1.13	14.08 -0.01 -0.51	17.16 -0.24 -0.31	18.82 -0.34 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.46 -0.29 -0.08	27.67 -0.69 -0.86	28.29 -0.71 -1.84	34.57 -1.03 -1.27	27.83 -0.69 -1.86	27.72 -0.56 -0.47	25.02 -0.30 -0.54	22.88 -0.23 -0.32	22.85 0.11 -0.08
LOCKPORT___CC3 323771	10.01 0.23 -1.87	10.00 0.31 -1.58	10.02 0.34 -1.46	10.04 0.39 -1.35	10.02 0.45 -1.20	9.09 0.40 -1.34	10.02 0.33 -1.13	10.01 0.17 -1.08	10.23 -0.05 -1.13	14.08 -0.01 -0.51	17.16 -0.24 -0.31	18.82 -0.34 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.46 -0.29 -0.08	27.67 -0.69 -0.86	28.29 -0.71 -1.84	34.57 -1.03 -1.27	27.83 -0.69 -1.86	27.72 -0.56 -0.47	25.02 -0.30 -0.54	22.88 -0.23 -0.32	22.85 0.11 -0.08

LONG_LAKE_PHOENIX 24014	9.18 -0.02 -1.30	9.23 -0.03 -1.14	9.27 -0.03 -1.08	9.27 -0.04 -1.02	9.26 -0.04 -0.94	8.30 -0.04 -0.98	9.43 -0.03 -0.90	9.62 -0.03 -0.88	10.04 -0.05 -0.93	14.22 -0.07 -0.71	17.71 -0.09 -0.71	19.60 -0.11 -0.65	21.07 -0.21 -0.53	22.23 -0.22 -0.68	22.84 -0.25 -0.81	25.22 -0.27 -0.82	28.55 -0.30 -1.36	28.76 -0.30 -1.90	35.81 -0.34 -1.82	28.30 -0.27 -1.91	28.72 -0.25 -1.16	25.64 -0.25 -1.10	23.51 -0.18 -0.90	23.35 -0.07 -0.76
LOVETT___3 23632	19.99 0.28 -11.80	18.40 0.31 -9.98	17.72 0.30 -9.20	17.12 0.30 -8.52	16.22 0.25 -7.61	16.03 0.22 -8.46	15.97 0.28 -7.12	15.90 0.32 -6.81	16.69 0.38 -7.16	17.40 0.57 -3.25	19.76 0.72 -1.95	20.60 0.88 -0.66	21.81 1.06 0.00	22.79 1.02 0.00	24.64 1.11 -1.24	26.49 1.31 -0.51	34.29 1.35 -5.45	40.98 1.25 -12.57	44.78 1.48 -8.97	39.78 1.09 -12.04	31.80 1.03 -2.97	29.19 1.02 -3.39	25.69 0.89 -2.01	23.84 0.68 -0.50
LOVETT___4 23642	19.99 0.28 -11.80	18.40 0.31 -9.98	17.72 0.30 -9.20	17.12 0.30 -8.52	16.22 0.25 -7.61	16.03 0.22 -8.46	15.97 0.28 -7.12	15.90 0.32 -6.81	16.69 0.38 -7.16	17.40 0.57 -3.25	19.76 0.72 -1.95	20.60 0.88 -0.66	21.81 1.06 0.00	22.79 1.02 0.00	24.64 1.11 -1.24	26.49 1.31 -0.51	34.29 1.35 -5.45	40.98 1.25 -12.57	44.78 1.48 -8.97	39.78 1.09 -12.04	31.80 1.03 -2.97	29.19 1.02 -3.39	25.69 0.89 -2.01	23.84 0.68 -0.50
LOVETT___5 23593	19.99 0.28 -11.80	18.40 0.31 -9.98	17.72 0.30 -9.20	17.12 0.30 -8.52	16.22 0.25 -7.61	16.03 0.22 -8.46	15.97 0.28 -7.12	15.90 0.32 -6.81	16.69 0.38 -7.16	17.40 0.57 -3.25	19.76 0.72 -1.95	20.60 0.88 -0.66	21.81 1.06 0.00	22.79 1.02 0.00	24.64 1.11 -1.24	26.49 1.31 -0.51	34.29 1.35 -5.45	40.98 1.25 -12.57	44.78 1.48 -8.97	39.78 1.09 -12.04	31.80 1.03 -2.97	29.19 1.02 -3.39	25.69 0.89 -2.01	23.84 0.68 -0.50
LOWER_RAQUET___HYD 24057	0.10 -1.43 6.38	0.10 -1.49 6.53	0.10 -1.45 6.68	0.10 -1.48 6.71	0.10 -1.51 6.76	0.10 -1.32 5.93	0.10 -1.51 6.96	0.10 -1.53 7.13	0.10 -1.57 7.49	0.10 -2.46 11.02	0.10 -3.02 13.96	0.10 -3.41 15.55	0.10 -3.76 16.89	0.10 -3.90 17.77	0.10 -3.90 18.28	0.10 -4.42 20.16	0.10 -4.62 22.78	0.10 -4.35 22.71	0.10 -5.22 29.01	0.10 -3.97 22.58	0.10 -4.14 23.56	0.10 -3.69 20.99	0.10 -3.69 19.00	0.10 -3.69 18.87
LOWER___HUDSON 24059	23.26 0.21 -15.14	21.14 0.22 -12.80	20.25 0.22 -11.81	19.45 0.22 -10.93	18.36 0.23 -9.76	18.41 0.21 -10.86	17.93 0.23 -9.14	17.73 0.23 -8.74	18.59 0.26 -9.18	18.11 0.37 -4.17	20.05 0.46 -2.51	20.46 0.55 -0.85	21.45 0.71 0.00	22.53 0.76 0.00	24.65 0.78 -1.59	26.19 0.86 -0.66	35.48 0.99 -6.99	41.62 1.03 -13.44	44.59 1.37 -8.88	42.44 1.09 -14.69	32.81 1.19 -3.81	30.12 0.99 -4.35	26.24 0.87 -2.58	24.02 0.72 -0.64
LOWVILLE_115KV_TB2 356335	10.29 -0.40 -2.78	10.43 -0.42 -2.74	10.62 -0.35 -2.74	10.65 -0.37 -2.72	10.67 -0.38 -2.68	9.48 -0.32 -2.45	10.93 -0.35 -2.72	11.16 -0.36 -2.76	11.71 -0.35 -2.90	16.80 -0.65 -3.87	21.09 -0.79 -4.79	23.39 -0.91 -5.25	24.98 -1.00 -5.23	26.75 -0.98 -5.96	27.52 -0.96 -6.20	30.40 -1.06 -6.78	34.52 -0.91 -7.93	34.72 -0.68 -8.25	43.91 -0.58 -10.17	34.55 -0.32 -8.21	35.50 -0.36 -8.06	31.66 -0.35 -7.22	28.63 -0.64 -6.48	28.33 -0.68 -6.35
LUTHERFT_115KV_GLOB_FND_222 355753	23.72 0.39 -15.42	21.54 0.39 -13.04	20.63 0.39 -12.02	19.81 0.38 -11.13	18.70 0.40 -9.94	18.77 0.36 -11.06	18.26 0.39 -9.31	18.05 0.39 -8.90	18.93 0.42 -9.35	18.46 0.64 -4.24	20.37 0.73 -2.55	20.82 0.90 -0.86	21.87 1.12 0.00	23.01 1.24 0.00	25.13 1.23 -1.62	26.70 1.36 -0.67	36.29 1.68 -7.12	42.92 1.77 -14.00	46.02 2.33 -9.36	43.62 1.92 -15.05	33.74 2.06 -3.88	30.87 1.66 -4.43	26.88 1.46 -2.63	24.65 1.34 -0.65
LUTHERNY_35_KV_BK2 355980	23.72 0.39 -15.42	21.54 0.39 -13.04	20.63 0.39 -12.02	19.82 0.39 -11.13	18.70 0.40 -9.94	18.77 0.36 -11.06	18.27 0.40 -9.31	18.06 0.40 -8.90	18.94 0.43 -9.35	18.47 0.65 -4.24	20.37 0.73 -2.55	20.84 0.91 -0.86	21.89 1.14 0.00	23.03 1.26 0.00	25.15 1.25 -1.62	26.70 1.36 -0.67	36.32 1.70 -7.12	42.95 1.79 -14.00	46.06 2.37 -9.36	43.65 1.95 -15.05	33.77 2.09 -3.88	30.90 1.69 -4.43	26.90 1.48 -2.63	24.67 1.36 -0.65
LWR___OSWEGATCHIE_HYD 23850	0.10 -0.96 6.84	0.10 -1.01 7.01	0.10 -0.95 7.17	0.10 -0.99 7.21	0.10 -1.00 7.27	0.10 -0.87 6.38	0.10 -0.99 7.47	0.10 -1.01 7.65	0.10 -1.03 8.03	0.10 -1.66 11.82	0.10 -2.03 14.95	0.10 -2.31 16.65	0.10 -2.53 18.12	0.10 -2.61 19.06	0.10 -2.61 19.57	0.13 -2.91 21.64	0.10 -2.97 24.43	0.10 -2.72 24.34	0.10 -3.12 31.11	0.10 -2.29 24.26	0.10 -2.42 25.28	0.10 -2.16 22.53	0.10 -2.30 20.39	0.10 -2.33 20.22
LYONS_FALL_HYD 23570	9.62 -0.22 -1.93	9.76 -0.24 -1.88	9.90 -0.19 -1.87	9.94 -0.21 -1.85	9.97 -0.21 -1.81	8.86 -0.17 -1.68	10.21 -0.19 -1.83	10.43 -0.18 -1.85	10.93 -0.17 -1.95	15.73 -0.37 -2.52	19.76 -0.41 -3.09	21.93 -0.50 -3.37	23.55 -0.54 -3.35	25.10 -0.48 -3.81	25.79 -0.47 -3.98	28.48 -0.54 -4.35	32.28 -0.36 -5.15	32.42 -0.16 -5.42	40.90 -0.03 -6.61	32.11 0.05 -5.41	33.05 0.06 -5.20	29.45 0.00 -4.66	26.71 -0.25 -4.17	26.43 -0.30 -4.07
MADISON___COUNTY_LFGE 323628	9.14 0.10 -1.13	9.23 0.09 -1.02	9.30 0.10 -0.98	9.31 0.08 -0.94	9.33 0.08 -0.88	8.33 0.09 -0.89	9.52 0.10 -0.86	9.72 0.11 -0.84	10.17 0.13 -0.89	14.51 0.11 -0.82	18.16 0.17 -0.90	20.12 0.15 -0.90	21.72 0.21 -0.77	23.04 0.28 -0.98	23.68 0.31 -1.09	26.14 0.32 -1.15	29.66 0.55 -1.62	29.83 0.65 -2.02	37.39 0.93 -2.13	29.45 0.77 -2.03	30.11 0.81 -1.50	26.81 0.64 -1.38	24.40 0.43 -1.18	24.19 0.45 -1.07
MALONE___115KV_TB1 356076	0.00 -1.57 6.34	-0.02 -1.63 6.50	-0.04 -1.62 6.65	-0.05 -1.65 6.69	-0.03 -1.66 6.74	0.07 -1.44 5.84	-0.03 -1.64 6.95	0.44 -1.65 6.68	0.42 -1.67 7.07	0.37 -2.54 10.67	0.13 -3.09 13.86	1.52 -3.45 14.09	1.55 -3.78 15.42	1.33 -3.92 16.52	1.28 -3.94 17.06	0.15 -4.42 20.11	0.10 -4.65 22.75	3.43 -4.43 19.30	2.35 -5.42 26.56	1.90 -4.16 20.59	-0.64 -4.37 24.07	-0.48 -3.92 21.35	-0.34 -3.85 19.27	-0.40 -3.94 19.11
MAPLEWOD_115KV_TB3 80458	23.14 0.17 -15.06	21.01 0.17 -12.73	20.14 0.18 -11.74	19.35 0.18 -10.87	18.27 0.20 -9.70	18.32 0.18 -10.79	17.85 0.20 -9.08	17.63 0.18 -8.69	18.50 0.21 -9.13	18.05 0.33 -4.14	19.95 0.38 -2.49	20.38 0.48 -0.84	21.37 0.62 0.00	22.47 0.70 0.00	24.60 0.74 -1.58	26.12 0.79 -0.66	35.36 0.91 -6.95	41.80 0.98 -13.67	44.74 1.27 -9.14	42.36 1.01 -14.69	32.68 1.08 -3.79	30.00 0.89 -4.32	26.13 0.77 -2.57	23.95 0.66 -0.64
MAPLE RIDGE_WT_1 323574	7.17 -0.39 0.35	7.38 -0.38 0.36	7.49 -0.37 0.36	7.57 -0.36 0.36	7.65 -0.35 0.37	6.72 -0.30 0.32	7.85 -0.34 0.38	8.04 -0.34 0.38	8.45 -0.30 0.40	12.63 -0.37 0.58	15.96 -0.39 0.73	17.81 -0.44 0.81	19.50 -0.52 0.73	20.26 -0.59 0.93	20.68 -0.65 0.96	22.85 -0.77 1.05	25.53 -0.77 1.20	25.27 -0.68 1.21	31.98 -0.82 1.53	24.74 -0.72 1.20	25.70 -0.86 1.24	22.81 -0.87 1.10	20.88 -0.91 1.00	20.72 -0.95 0.99

MAPLE_RIDGE_WT_2 323611	7.17 -0.39 0.35	7.38 -0.38 0.36	7.49 -0.37 0.36	7.57 -0.36 0.36	7.65 -0.35 0.37	6.72 -0.30 0.32	7.85 -0.34 0.38	8.04 -0.34 0.38	8.45 -0.30 0.40	12.63 -0.37 0.58	15.96 -0.39 0.73	17.81 -0.44 0.81	19.50 -0.52 0.73	20.26 -0.59 0.93	20.68 -0.65 0.96	22.85 -0.77 1.05	25.53 -0.77 1.20	25.27 -0.68 1.21	31.98 -0.82 1.53	24.74 -0.72 1.20	25.70 -0.86 1.24	22.81 -0.87 1.10	20.88 -0.91 1.00	20.72 -0.95 0.99
MARBLE_RIVER_WT_PWR 323696	0.50 -1.67 5.73	0.50 -1.73 5.89	0.49 -1.72 6.02	0.49 -1.74 6.06	0.51 -1.75 6.11	0.55 -1.51 5.28	0.53 -1.73 6.30	1.04 -1.71 6.01	1.06 -1.72 6.37	1.32 -2.61 9.65	1.36 -3.16 12.56	2.90 -3.51 12.65	2.94 -3.84 13.97	2.91 -3.98 14.88	2.91 -4.01 15.36	1.87 -4.56 18.24	2.00 -4.87 20.63	5.38 -4.59 17.19	4.81 -5.66 23.86	3.77 -4.40 18.49	1.19 -4.73 21.89	1.12 -4.26 19.40	1.08 -4.19 17.51	1.08 -4.21 17.36
MARSHVLE_115KV_TB1 80742	26.89 0.53 -18.45	24.26 0.55 -15.59	23.15 0.54 -14.38	22.15 0.53 -13.32	20.81 0.55 -11.89	21.08 0.50 -13.23	20.26 0.57 -11.13	19.97 0.56 -10.64	20.91 0.57 -11.19	19.45 0.80 -5.07	21.11 0.97 -3.06	21.24 1.14 -1.03	22.14 1.39 0.00	23.30 1.52 0.00	25.78 1.56 -1.94	27.08 1.60 -0.80	38.08 2.06 -8.52	46.88 2.28 -17.45	49.36 3.16 -11.87	47.49 2.64 -18.20	35.26 2.81 -4.64	32.46 2.38 -5.30	27.94 2.01 -3.15	25.30 1.86 -0.78
MARSH_HILL_WT_PWR 323713	10.71 0.28 -2.53	10.53 0.28 -2.14	10.46 0.27 -1.97	10.41 0.29 -1.83	10.30 0.31 -1.63	9.43 0.27 -1.81	10.36 0.27 -1.53	10.45 0.23 -1.46	10.82 0.13 -1.53	14.48 0.20 -0.70	17.64 0.14 -0.42	19.37 0.17 -0.14	21.18 0.44 0.00	22.25 0.48 0.00	22.81 0.27 -0.27	25.45 0.67 -0.11	28.99 0.33 -1.17	30.07 0.43 -2.48	36.67 0.62 -1.72	29.71 0.53 -2.52	29.11 0.67 -0.64	26.03 0.52 -0.73	23.65 0.43 -0.43	23.26 0.50 -0.11
MCINTYRE_115KV_TB2 80467	0.55 -1.42 5.94	0.55 -1.48 6.09	0.55 -1.45 6.22	0.56 -1.48 6.26	0.56 -1.51 6.30	0.50 -1.32 5.53	0.57 -1.51 6.49	0.58 -1.53 6.65	0.62 -1.56 6.98	0.83 -2.47 10.28	1.02 -3.04 13.02	1.12 -3.43 14.51	1.15 -3.76 15.85	1.33 -3.85 16.58	1.37 -3.85 17.06	1.55 -4.32 18.80	1.77 -4.48 21.25	1.79 -4.18 21.18	2.32 -4.94 27.06	1.92 -3.68 21.06	1.96 -3.86 21.98	1.73 -3.47 19.58	1.49 -3.58 17.72	1.43 -3.63 17.60
MECO_____69_KV_BK1 80468	26.27 0.85 -17.52	23.78 0.85 -14.81	22.72 0.84 -13.66	21.76 0.82 -12.65	20.50 0.84 -11.29	20.69 0.78 -12.56	20.00 0.86 -10.57	19.74 0.88 -10.11	20.66 0.88 -10.62	19.63 1.24 -4.82	21.42 1.44 -2.90	21.74 1.70 -0.98	22.86 2.12 0.00	24.10 2.33 0.00	26.48 2.36 -1.84	27.98 2.54 -0.76	38.94 3.35 -8.09	47.42 3.80 -16.46	50.76 5.25 -11.17	48.28 4.37 -17.25	36.86 4.64 -4.41	33.56 3.74 -5.03	28.97 3.19 -2.99	26.41 3.01 -0.74
MENANDS__115KV_TB5 355628	23.05 0.12 -15.02	20.93 0.11 -12.70	20.07 0.13 -11.71	19.28 0.13 -10.85	18.20 0.15 -9.68	18.25 0.13 -10.77	17.77 0.15 -9.07	17.57 0.14 -8.67	18.43 0.16 -9.11	17.96 0.24 -4.13	19.85 0.27 -2.49	20.27 0.36 -0.84	21.24 0.50 0.00	22.34 0.57 0.00	24.44 0.58 -1.58	25.94 0.62 -0.65	35.15 0.71 -6.94	41.56 0.76 -13.64	44.41 0.96 -9.12	42.06 0.75 -14.66	32.42 0.83 -3.78	29.77 0.67 -4.32	25.94 0.59 -2.56	23.75 0.45 -0.64
MG INDUSTRY___DRP 24185	22.78 0.18 -14.69	20.71 0.18 -12.42	19.86 0.19 -11.45	19.09 0.19 -10.60	18.05 0.22 -9.47	18.07 0.19 -10.53	17.64 0.21 -8.86	17.44 0.20 -8.47	18.27 0.21 -8.91	17.94 0.33 -4.04	19.88 0.36 -2.43	20.34 0.46 -0.82	21.35 0.60 0.00	22.42 0.65 0.00	24.49 0.67 -1.54	26.05 0.74 -0.64	35.13 0.85 -6.78	41.80 0.87 -13.77	44.80 1.13 -9.34	42.02 0.91 -14.45	32.47 0.97 -3.70	29.82 0.82 -4.22	26.02 0.73 -2.51	23.91 0.63 -0.62
MID___OSWEGATCHIE_HYD 23849	0.10 -0.96 6.84	0.10 -1.01 7.01	0.10 -0.95 7.17	0.10 -0.99 7.21	0.10 -1.00 7.27	0.10 -0.87 6.38	0.10 -0.99 7.47	0.10 -1.01 7.65	0.10 -1.03 8.03	0.10 -1.66 11.82	0.10 -2.03 14.95	0.10 -2.31 16.65	0.10 -2.53 18.12	0.10 -2.61 19.06	0.10 -2.61 19.57	0.13 -2.91 21.64	0.10 -2.97 24.43	0.10 -2.72 24.34	0.10 -3.12 31.11	0.10 -2.29 24.26	0.10 -2.42 25.28	0.10 -2.16 22.53	0.10 -2.30 20.39	0.10 -2.33 20.22
MID___RAQUETTE_HYD 23851	0.10 -1.43 6.38	0.10 -1.49 6.53	0.10 -1.45 6.68	0.10 -1.48 6.71	0.10 -1.51 6.76	0.10 -1.32 5.93	0.10 -1.51 6.96	0.10 -1.53 7.13	0.10 -1.57 7.49	0.10 -2.46 11.02	0.10 -3.02 13.96	0.10 -3.41 15.55	0.10 -3.76 16.89	0.10 -3.90 17.77	0.10 -3.90 18.28	0.15 -4.37 20.16	0.10 -4.62 22.78	0.10 -4.34 22.71	0.10 -5.22 29.01	0.10 -3.97 22.58	0.10 -4.14 23.56	0.10 -3.69 20.99	0.12 -3.67 19.00	0.10 -3.69 18.87
MILLIKEN___1 23584	10.58 0.21 -2.46	10.40 0.20 -2.08	10.34 0.20 -1.92	10.26 0.19 -1.78	10.14 0.19 -1.59	9.29 0.18 -1.77	10.26 0.21 -1.49	10.43 0.25 -1.42	10.87 0.22 -1.49	14.53 0.27 -0.68	17.83 0.34 -0.41	19.56 0.36 -0.14	21.16 0.41 0.00	22.25 0.48 0.00	23.01 0.47 -0.26	25.32 0.54 -0.11	29.32 0.69 -1.14	30.33 0.76 -2.42	37.10 1.10 -1.67	29.94 0.83 -2.45	29.34 0.92 -0.62	26.21 0.72 -0.71	23.82 0.62 -0.42	23.44 0.68 -0.10
MILLIKEN___2 23585	10.58 0.21 -2.46	10.40 0.20 -2.08	10.34 0.20 -1.92	10.26 0.19 -1.78	10.14 0.19 -1.59	9.29 0.18 -1.77	10.26 0.21 -1.49	10.43 0.25 -1.42	10.87 0.22 -1.49	14.53 0.27 -0.68	17.83 0.34 -0.41	19.56 0.36 -0.14	21.16 0.41 0.00	22.25 0.48 0.00	23.01 0.47 -0.26	25.32 0.54 -0.11	29.32 0.69 -1.14	30.33 0.76 -2.42	37.10 1.10 -1.67	29.94 0.83 -2.45	29.34 0.92 -0.62	26.21 0.72 -0.71	23.82 0.62 -0.42	23.44 0.68 -0.10
MILLIKEN___DIESEL 23629	10.58 0.21 -2.46	10.40 0.20 -2.08	10.34 0.20 -1.92	10.26 0.19 -1.78	10.14 0.19 -1.59	9.29 0.18 -1.77	10.26 0.21 -1.49	10.43 0.25 -1.42	10.87 0.22 -1.49	14.53 0.27 -0.68	17.83 0.34 -0.41	19.56 0.36 -0.14	21.16 0.41 0.00	22.25 0.48 0.00	23.01 0.47 -0.26	25.32 0.54 -0.11	29.32 0.69 -1.14	30.33 0.76 -2.42	37.10 1.10 -1.67	29.94 0.83 -2.45	29.34 0.92 -0.62	26.21 0.72 -0.71	23.82 0.62 -0.42	23.44 0.68 -0.10
MILLSEAT___LFGE 323607	10.02 0.32 -1.80	10.03 0.39 -1.52	10.03 0.40 -1.40	10.05 0.46 -1.30	10.04 0.52 -1.16	9.09 0.46 -1.29	10.04 0.39 -1.09	10.05 0.25 -1.04	10.29 0.05 -1.09	14.24 0.16 -0.50	17.37 -0.02 -0.30	19.10 -0.06 -0.10	20.75 0.00 0.00	21.79 0.02 0.00	22.47 0.00 -0.19	24.85 0.10 -0.08	28.19 -0.14 -0.83	28.79 -0.14 -1.77	35.35 -0.20 -1.22	28.40 -0.05 -1.79	28.37 0.11 -0.45	25.52 0.22 -0.52	23.32 0.23 -0.31	23.26 0.52 -0.08
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.37 0.32 -12.14	18.72 0.34 -10.26	18.01 0.33 -9.46	17.39 0.33 -8.76	16.47 0.28 -7.82	16.29 0.24 -8.70	16.21 0.32 -7.32	16.12 0.36 -7.00	16.93 0.41 -7.36	17.54 0.62 -3.34	19.90 0.80 -2.01	20.71 0.97 -0.68	21.95 1.20 0.00	22.97 1.20 0.00	24.83 1.27 -1.28	26.68 1.48 -0.53	34.64 1.54 -5.61	41.59 1.47 -12.97	45.35 1.75 -9.27	40.35 1.31 -12.39	32.08 1.22 -3.06	29.51 1.24 -3.49	25.95 1.09 -2.07	24.03 0.86 -0.51

MILLWOOD_13_KV_LOAD 356217	20.39 0.34 -12.14	18.73 0.35 -10.26	18.03 0.35 -9.46	17.41 0.35 -8.76	16.49 0.30 -7.82	16.31 0.26 -8.70	16.21 0.33 -7.32	16.14 0.38 -7.00	16.95 0.43 -7.36	17.57 0.65 -3.34	19.95 0.85 -2.01	20.75 1.01 -0.68	22.03 1.29 0.00	23.06 1.28 0.00	24.94 1.38 -1.28	26.78 1.58 -0.53	34.78 1.68 -5.61	41.73 1.60 -12.97	45.56 1.96 -9.27	40.51 1.47 -12.39	32.19 1.33 -3.06	29.58 1.31 -3.49	26.00 1.14 -2.07	24.08 0.91 -0.51
MODEL_CITY_ENERGY 24167	9.95 0.15 -1.89	9.95 0.24 -1.60	9.98 0.28 -1.47	9.99 0.33 -1.36	9.99 0.41 -1.22	9.07 0.37 -1.36	9.96 0.26 -1.14	9.93 0.08 -1.09	10.15 -0.15 -1.15	13.95 -0.15 -0.52	16.99 -0.41 -0.31	18.63 -0.53 -0.11	20.23 -0.52 0.00	21.21 -0.57 0.00	21.86 -0.62 -0.20	24.16 -0.59 -0.08	27.38 -0.99 -0.87	27.95 -1.06 -1.86	34.17 -1.44 -1.28	27.53 -1.01 -1.88	27.39 -0.89 -0.48	24.76 -0.57 -0.54	22.65 -0.46 -0.32	22.60 -0.14 -0.08
MODERN_LFGE_ 323580	9.95 0.15 -1.89	9.95 0.24 -1.60	9.98 0.28 -1.47	9.99 0.33 -1.36	9.99 0.41 -1.22	9.07 0.37 -1.36	9.96 0.26 -1.14	9.93 0.08 -1.09	10.15 -0.15 -1.15	13.95 -0.15 -0.52	16.99 -0.41 -0.31	18.63 -0.53 -0.11	20.23 -0.52 0.00	21.21 -0.57 0.00	21.86 -0.62 -0.20	24.16 -0.59 -0.08	27.38 -0.99 -0.87	27.95 -1.06 -1.86	34.17 -1.44 -1.28	27.53 -1.01 -1.88	27.39 -0.89 -0.48	24.76 -0.57 -0.54	22.65 -0.46 -0.32	22.60 -0.14 -0.08
MOHAWK_PAPER___DRP 24187	23.14 0.17 -15.06	21.01 0.17 -12.73	20.14 0.18 -11.74	19.35 0.18 -10.87	18.27 0.20 -9.70	18.32 0.18 -10.79	17.85 0.20 -9.08	17.63 0.18 -8.69	18.50 0.21 -9.13	18.05 0.33 -4.14	19.95 0.38 -2.49	20.38 0.48 -0.84	21.37 0.62 0.00	22.47 0.70 0.00	24.60 0.74 -1.58	26.12 0.79 -0.66	35.36 0.91 -6.95	41.80 0.98 -13.67	44.74 1.27 -9.14	42.36 1.01 -14.69	32.68 1.08 -3.79	30.00 0.89 -4.32	26.13 0.77 -2.57	23.95 0.66 -0.64
MOHICAN__35_KV_115KV_LD 80490	23.83 0.49 -15.44	21.65 0.49 -13.05	20.73 0.48 -12.03	19.91 0.47 -11.14	18.81 0.49 -9.95	18.86 0.45 -11.07	18.37 0.49 -9.31	18.17 0.50 -8.91	19.05 0.53 -9.36	18.64 0.81 -4.25	20.46 0.82 -2.56	20.97 1.05 -0.87	22.07 1.33 0.00	23.25 1.48 0.00	25.35 1.45 -1.62	26.92 1.58 -0.67	36.80 2.17 -7.13	43.50 2.31 -14.03	46.87 3.16 -9.38	44.34 2.61 -15.07	34.50 2.81 -3.89	31.45 2.23 -4.43	27.33 1.91 -2.63	25.06 1.74 -0.65
MONGAUP___HYD 23641	19.36 0.29 -11.16	17.83 0.28 -9.43	17.20 0.28 -8.70	16.63 0.27 -8.06	15.77 0.22 -7.19	15.53 0.18 -8.00	15.52 0.22 -6.73	15.45 0.24 -6.44	16.20 0.27 -6.77	17.06 0.41 -3.07	19.45 0.51 -1.85	20.31 0.63 -0.63	21.56 0.81 0.00	22.58 0.81 0.00	24.30 0.85 -1.17	26.22 1.06 -0.49	33.86 1.21 -5.15	40.15 1.17 -11.83	44.34 1.58 -8.43	39.22 1.20 -11.36	31.75 1.14 -2.81	29.08 1.09 -3.21	25.60 0.91 -1.90	23.86 0.72 -0.47
MONTAUK___DIESEL 23721	24.85 1.16 -15.78	19.62 1.18 -10.33	18.86 1.11 -9.52	18.18 1.06 -8.82	17.20 0.96 -7.87	16.95 0.85 -8.76	17.00 1.06 -7.37	17.01 1.20 -7.05	18.22 1.36 -7.70	21.42 2.10 -5.73	24.85 2.56 -5.20	29.33 3.18 -7.09	33.00 3.63 -8.62	41.18 3.79 -15.63	42.84 3.88 -16.69	61.65 4.59 -32.39	86.30 5.00 -53.80	125.95 4.86 -93.94	124.28 6.04 -83.91	90.81 4.56 -59.59	51.33 4.64 -18.88	47.11 4.14 -18.18	34.69 3.65 -8.26	32.16 3.35 -6.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	10.48 0.41 -2.16	10.27 0.32 -1.83	10.19 0.29 -1.68	10.19 0.33 -1.56	10.10 0.34 -1.39	9.18 0.29 -1.55	10.17 0.30 -1.30	10.21 0.20 -1.25	10.52 0.05 -1.31	14.38 0.20 -0.59	17.56 0.12 -0.36	19.22 0.04 -0.12	21.22 0.48 0.00	22.25 0.48 0.00	22.60 0.09 -0.23	25.09 0.32 -0.09	28.55 0.05 -1.00	29.47 0.19 -2.12	35.97 0.17 -1.47	29.08 0.27 -2.15	28.74 0.39 -0.54	25.85 0.45 -0.62	23.57 0.41 -0.37	23.36 0.61 -0.09
MORTIMER_115KV_TB3 55949	9.67 0.23 -1.53	9.67 0.26 -1.30	9.68 0.26 -1.20	9.69 0.28 -1.11	9.65 0.30 -0.99	8.72 0.27 -1.10	9.75 0.26 -0.93	9.85 0.20 -0.88	10.18 0.09 -0.93	14.20 0.20 -0.42	17.49 0.15 -0.25	19.30 0.15 -0.09	20.81 0.06 0.00	21.86 0.09 0.00	22.66 0.22 -0.16	25.01 0.27 -0.07	28.40 0.19 -0.71	28.82 0.16 -1.51	35.58 0.21 -1.04	28.37 0.19 -1.53	28.47 0.28 -0.39	25.55 0.32 -0.44	23.35 0.30 -0.26	23.24 0.52 -0.06
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.89 1.14 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.88 1.68 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.24 1.36 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
MUNSVILLE_WIND_PWR 323609	12.07 0.48 -3.68	11.70 0.47 -3.11	11.57 0.48 -2.87	11.42 0.46 -2.66	11.21 0.48 -2.37	10.43 0.45 -2.64	11.34 0.56 -2.22	11.47 0.59 -2.12	12.00 0.61 -2.23	15.27 0.68 -1.01	18.58 0.89 -0.61	20.18 0.91 -0.21	21.89 1.14 0.00	23.14 1.37 0.00	24.05 1.38 -0.39	26.46 1.63 -0.16	31.42 2.23 -1.70	33.26 2.50 -3.61	40.30 3.47 -2.50	33.15 2.82 -3.67	31.65 2.92 -0.93	28.24 2.40 -1.06	25.19 1.78 -0.63	24.54 1.72 -0.16
N SALMON___HYD 24042	0.00 -1.57 6.34	-0.03 -1.64 6.50	-0.04 -1.62 6.65	-0.05 -1.65 6.69	-0.03 -1.66 6.74	0.07 -1.44 5.84	-0.03 -1.64 6.95	0.44 -1.65 6.68	0.42 -1.67 7.07	0.37 -2.54 10.67	0.13 -3.09 13.86	1.52 -3.45 14.09	1.55 -3.78 15.42	1.33 -3.92 16.52	1.28 -3.94 17.06	0.10 -4.47 20.11	0.10 -4.65 22.75	3.43 -4.43 19.30	2.35 -5.42 26.56	1.91 -4.16 20.59	-0.63 -4.36 24.07	-0.48 -3.91 21.35	-0.41 -3.92 19.27	-0.42 -3.96 19.11
N.AKRON__115KV_KNAPP 355671	10.04 0.32 -1.81	10.03 0.38 -1.53	10.05 0.42 -1.41	10.07 0.46 -1.31	10.06 0.53 -1.17	9.12 0.47 -1.30	10.06 0.40 -1.09	10.07 0.26 -1.05	10.31 0.05 -1.10	14.24 0.16 -0.50	17.39 0.00 -0.30	19.11 -0.06 -0.10	20.77 0.02 0.00	21.79 0.02 0.00	22.47 0.00 -0.19	24.85 0.10 -0.08	28.22 -0.11 -0.84	28.80 -0.14 -1.78	35.36 -0.21 -1.23	28.41 -0.05 -1.81	28.37 0.11 -0.46	25.53 0.22 -0.52	23.30 0.21 -0.31	23.26 0.52 -0.08
N.BELMOR_69_KV_BK1 55787	24.25 0.57 -15.78	19.03 0.58 -10.33	18.28 0.53 -9.52	17.62 0.51 -8.82	16.67 0.43 -7.87	16.48 0.37 -8.76	16.46 0.52 -7.37	16.43 0.62 -7.05	17.53 0.68 -7.70	20.34 1.03 -5.73	23.57 1.28 -5.20	27.65 1.51 -7.09	28.89 1.78 -6.36	32.88 1.79 -9.33	33.47 1.87 -9.32	36.22 2.20 -9.35	35.87 2.34 -6.04	42.92 2.25 -13.51	46.41 2.75 -9.33	41.18 2.05 -12.47	35.09 2.03 -5.26	34.85 1.93 -8.13	32.65 1.80 -8.06	30.39 1.59 -6.15
N.E._GEN_SANDY PD 24062	21.79 0.19 -13.70	19.90 0.20 -11.58	19.11 0.21 -10.68	18.40 0.22 -9.89	17.40 0.21 -8.83	17.34 0.18 -9.82	17.03 0.21 -8.26	16.88 0.22 -7.90	17.71 0.25 -8.31	17.71 0.37 -3.77	19.83 0.48 -2.27	20.40 0.57 -0.77	21.43 0.68 0.00	22.49 0.72 0.00	24.50 0.78 -1.44	26.11 0.84 -0.60	34.70 0.88 -6.33	33.60 0.87 -5.57	37.00 1.07 -1.60	38.90 0.80 -11.45	32.11 0.86 -3.45	29.49 0.77 -3.93	25.83 0.71 -2.34	23.78 0.54 -0.58

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.99 0.30 -11.78	18.39 0.32 -9.96	17.71 0.30 -9.19	17.11 0.31 -8.51	16.22 0.26 -7.59	16.02 0.23 -8.45	15.96 0.29 -7.11	15.89 0.33 -6.80	16.68 0.38 -7.14	17.40 0.58 -3.24	19.79 0.75 -1.95	20.62 0.90 -0.66	21.85 1.10 0.00	22.84 1.07 0.00	24.68 1.16 -1.24	26.54 1.36 -0.51	34.37 1.43 -5.44	41.03 1.33 -12.55	44.87 1.58 -8.95	39.84 1.17 -12.01	31.88 1.11 -2.97	29.26 1.09 -3.38	25.75 0.96 -2.01	23.88 0.73 -0.50
N.QUEENS_27_KV_LOAD 356247	20.59 0.46 -12.22	18.93 0.49 -10.33	18.22 0.47 -9.53	17.61 0.49 -8.82	16.67 0.43 -7.88	16.43 0.33 -8.76	16.33 0.40 -7.37	16.22 0.41 -7.05	17.00 0.44 -7.41	17.66 0.72 -3.36	20.10 0.99 -2.02	21.04 1.30 -0.68	22.10 1.35 0.00	23.06 1.28 0.00	24.92 1.36 -1.28	26.78 1.58 -0.53	34.76 1.62 -5.64	41.67 1.47 -13.05	45.31 1.65 -9.33	40.35 1.23 -12.46	32.05 1.17 -3.07	29.70 1.41 -3.51	26.21 1.34 -2.08	24.35 1.18 -0.52
N.TROY___115KV_TB1 355778	23.26 0.21 -15.14	21.13 0.22 -12.80	20.25 0.22 -11.81	19.45 0.22 -10.93	18.36 0.23 -9.76	18.41 0.21 -10.86	17.93 0.23 -9.14	17.73 0.23 -8.74	18.59 0.26 -9.18	18.11 0.37 -4.17	20.05 0.46 -2.51	20.46 0.55 -0.85	21.43 0.68 0.00	22.53 0.76 0.00	24.65 0.78 -1.59	26.17 0.84 -0.66	35.48 0.99 -6.99	41.62 1.03 -13.44	44.59 1.37 -8.88	42.44 1.09 -14.69	32.81 1.20 -3.81	30.12 0.99 -4.35	26.24 0.87 -2.58	24.02 0.73 -0.64
NARROWS_GT1_1 24228	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_2 24229	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_3 24230	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_4 24231	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_5 24232	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_6 24233	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_7 24234	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT1_8 24235	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_1 24236	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_2 24237	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_3 24238	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_4 24239	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52

NARROWS_GT2_5 24240	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_6 24241	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_7 24242	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NARROWS_GT2_8 24243	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.90 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.25 0.19 -14.15	20.24 0.16 -11.96	19.43 0.17 -11.03	18.68 0.17 -10.22	17.66 0.18 -9.12	17.66 0.16 -10.15	17.27 0.16 -8.54	17.06 0.13 -8.17	17.88 0.14 -8.58	17.68 0.20 -3.89	19.62 0.19 -2.34	20.14 0.29 -0.79	21.29 0.54 0.00	22.45 0.67 0.00	24.39 0.62 -1.49	26.05 0.76 -0.62	35.05 1.02 -6.54	42.05 1.44 -13.46	45.54 2.03 -9.18	42.02 1.39 -13.98	32.84 1.47 -3.56	29.99 1.14 -4.07	26.14 0.93 -2.41	24.07 0.82 -0.60
NCHELSEA_115KV_TR2 355582	20.47 0.33 -12.23	18.79 0.33 -10.34	18.09 0.33 -9.54	17.46 0.33 -8.83	16.52 0.28 -7.88	16.36 0.24 -8.77	16.23 0.28 -7.38	16.14 0.32 -7.06	16.94 0.37 -7.42	17.49 0.54 -3.37	19.83 0.72 -2.03	20.62 0.88 -0.69	21.87 1.12 0.00	22.93 1.15 0.00	24.81 1.25 -1.29	26.68 1.48 -0.53	34.77 1.62 -5.65	41.53 1.55 -12.83	45.39 1.96 -9.10	40.54 1.47 -12.42	32.25 1.36 -3.08	29.61 1.31 -3.51	26.01 1.14 -2.09	24.10 0.93 -0.52
NEG CAPITAL___MECHNVIL 23645	23.61 0.37 -15.34	21.45 0.37 -12.96	20.55 0.37 -11.96	19.73 0.36 -11.07	18.62 0.38 -9.88	18.68 0.34 -11.00	18.19 0.38 -9.25	17.99 0.38 -8.85	18.86 0.40 -9.30	18.41 0.61 -4.22	20.34 0.72 -2.54	20.82 0.90 -0.86	21.87 1.12 0.00	23.01 1.24 0.00	25.12 1.22 -1.61	26.70 1.36 -0.67	36.23 1.65 -7.08	42.71 1.74 -13.81	45.86 2.34 -9.20	43.48 1.89 -14.93	33.69 2.03 -3.86	30.82 1.64 -4.40	26.84 1.44 -2.62	24.60 1.29 -0.65
NEG CENTRAL_HIGH_ACRES 23767	9.46 0.06 -1.49	9.46 0.08 -1.26	9.45 0.07 -1.16	9.45 0.07 -1.08	9.42 0.09 -0.96	8.50 0.08 -1.07	9.52 0.06 -0.90	9.67 0.04 -0.86	10.02 -0.04 -0.90	13.99 0.00 -0.41	17.26 -0.07 -0.25	19.05 -0.09 -0.08	20.58 -0.17 0.00	21.62 -0.15 0.00	22.39 -0.04 -0.16	24.59 -0.15 -0.06	28.10 -0.08 -0.69	28.54 -0.08 -1.47	35.24 -0.10 -1.01	28.04 -0.11 -1.49	28.12 -0.06 -0.38	25.16 -0.05 -0.43	23.00 -0.05 -0.25	22.88 0.16 -0.06
NEG CENTRAL___DRP 24199	9.69 0.15 -1.63	9.63 0.14 -1.38	9.63 0.14 -1.27	9.60 0.13 -1.18	9.56 0.14 -1.05	8.64 0.12 -1.17	9.69 0.15 -0.98	9.86 0.16 -0.94	10.25 0.11 -0.99	14.19 0.16 -0.45	17.54 0.19 -0.27	19.36 0.21 -0.09	21.00 0.25 0.00	22.08 0.30 0.00	22.74 0.29 -0.17	25.09 0.35 -0.07	28.66 0.41 -0.75	29.22 0.46 -1.60	36.02 0.58 -1.11	28.73 0.45 -1.62	28.74 0.53 -0.41	25.65 0.40 -0.47	23.41 0.34 -0.28	23.18 0.45 -0.07
NEG CENTRAL___INDECK 23768	10.46 0.43 -2.13	10.37 0.45 -1.80	10.32 0.44 -1.66	10.29 0.46 -1.54	10.22 0.48 -1.37	9.30 0.43 -1.53	10.26 0.41 -1.29	10.30 0.31 -1.23	10.55 0.10 -1.29	14.29 0.12 -0.59	17.42 -0.02 -0.35	19.12 -0.06 -0.12	20.75 0.00 0.00	21.82 0.04 0.00	22.59 0.09 -0.22	24.96 0.20 -0.09	28.67 0.19 -0.98	29.71 0.46 -2.09	36.78 1.00 -1.45	29.87 1.09 -2.12	29.73 1.39 -0.54	26.58 1.19 -0.61	24.18 1.03 -0.36	23.93 1.18 -0.09
NEG CENTRAL___SENECA 23627	9.91 0.21 -1.80	9.84 0.20 -1.52	9.82 0.20 -1.40	9.79 0.20 -1.30	9.73 0.21 -1.16	8.82 0.18 -1.29	9.86 0.21 -1.08	10.02 0.22 -1.04	10.40 0.16 -1.09	14.29 0.22 -0.49	17.62 0.24 -0.30	19.43 0.27 -0.10	21.10 0.35 0.00	22.21 0.44 0.00	22.87 0.40 -0.19	25.24 0.49 -0.08	28.90 0.58 -0.83	29.54 0.62 -1.76	36.31 0.76 -1.22	29.11 0.67 -1.79	29.01 0.75 -0.45	25.87 0.57 -0.52	23.57 0.48 -0.31	23.32 0.59 -0.08
NEG CENTRAL___STATE_STREET 24147	9.64 0.14 -1.59	9.59 0.13 -1.35	9.59 0.12 -1.24	9.56 0.12 -1.15	9.51 0.12 -1.03	8.60 0.11 -1.14	9.65 0.13 -0.96	9.85 0.17 -0.92	10.28 0.16 -0.97	14.25 0.23 -0.44	17.66 0.31 -0.26	19.47 0.32 -0.09	21.08 0.33 0.00	22.19 0.41 0.00	22.85 0.40 -0.17	25.16 0.42 -0.07	28.75 0.52 -0.74	29.29 0.57 -1.57	36.17 0.76 -1.08	28.80 0.56 -1.59	28.82 0.61 -0.40	25.71 0.47 -0.46	23.47 0.41 -0.27	23.22 0.50 -0.07
NEG MILLWOOD___DRP 24198	20.61 0.36 -12.35	18.92 0.37 -10.44	18.21 0.36 -9.63	17.58 0.37 -8.92	16.62 0.30 -7.96	16.46 0.26 -8.85	16.33 0.32 -7.45	16.27 0.39 -7.13	17.08 0.44 -7.49	17.63 0.65 -3.40	19.98 0.85 -2.05	20.74 0.99 -0.69	22.14 1.39 0.00	23.19 1.42 0.00	25.09 1.52 -1.30	26.94 1.73 -0.54	35.12 1.92 -5.70	42.10 1.90 -13.05	46.02 2.40 -9.28	41.03 1.81 -12.56	32.47 1.56 -3.11	29.84 1.51 -3.55	26.15 1.25 -2.11	24.16 0.97 -0.52
NEG NORTH_FLCN_SEA 23793	0.54 -1.61 5.76	0.54 -1.66 5.91	0.53 -1.65 6.04	0.53 -1.68 6.09	0.55 -1.68 6.13	0.58 -1.46 5.30	0.58 -1.66 6.32	1.09 -1.64 6.03	1.11 -1.65 6.40	1.39 -2.50 9.69	1.45 -3.02 12.61	3.00 -3.35 12.70	3.05 -3.67 14.02	3.02 -3.81 14.94	3.02 -3.83 15.42	2.05 -4.32 18.31	2.17 -4.62 20.71	5.57 -4.32 17.27	5.05 -5.32 23.96	3.98 -4.10 18.57	1.39 -4.45 21.97	1.30 -4.01 19.47	1.29 -3.92 17.58	1.24 -3.99 17.43
NEG NORTH_KES_CHATEGAY 23792	0.33 -1.67 5.91	0.32 -1.73 6.07	0.30 -1.72 6.20	0.31 -1.74 6.25	0.32 -1.75 6.30	0.38 -1.52 5.45	0.34 -1.73 6.49	0.83 -1.73 6.21	0.84 -1.74 6.58	0.99 -2.63 9.95	0.95 -3.19 12.94	2.44 -3.55 13.07	2.47 -3.88 14.40	2.38 -4.03 15.36	2.34 -4.08 15.86	1.32 -4.56 18.79	1.35 -4.89 21.25	4.70 -4.64 17.81	3.98 -5.70 24.65	3.15 -4.40 19.11	0.55 -4.73 22.53	0.55 -4.26 19.97	0.61 -4.15 18.03	0.57 -4.21 17.88

NEG NORTH___ALICE_FALLS 23915	0.49 -1.64 5.78	0.48 -1.70 5.94	0.46 -1.69 6.07	0.47 -1.72 6.11	0.49 -1.71 6.16	0.53 -1.49 5.33	0.52 -1.70 6.35	1.04 -1.66 6.06	1.05 -1.68 6.42	1.31 -2.54 9.73	1.33 -3.09 12.66	2.89 -3.41 12.76	2.93 -3.73 14.08	2.89 -3.88 15.00	2.89 -3.90 15.49	1.90 -4.39 18.38	2.02 -4.67 20.80	5.43 -4.37 17.35	4.91 -5.36 24.07	3.87 -4.13 18.65	1.27 -4.48 22.06	1.19 -4.04 19.55	1.17 -3.97 17.65	1.10 -4.06 17.50
NEG NORTH___LWR_SARANAC 23913	0.49 -1.64 5.78	0.48 -1.70 5.94	0.46 -1.69 6.07	0.47 -1.72 6.11	0.49 -1.71 6.16	0.53 -1.49 5.33	0.52 -1.70 6.35	1.04 -1.66 6.06	1.05 -1.68 6.42	1.31 -2.54 9.73	1.33 -3.09 12.66	2.89 -3.41 12.76	2.93 -3.73 14.08	2.89 -3.88 15.00	2.89 -3.90 15.49	1.90 -4.39 18.38	2.02 -4.67 20.80	5.43 -4.37 17.35	4.91 -5.36 24.07	3.87 -4.13 18.65	1.27 -4.48 22.06	1.19 -4.04 19.55	1.17 -3.97 17.65	1.10 -4.06 17.50
NEG NORTH___PLATTSBURG 23628	0.49 -1.64 5.78	0.48 -1.70 5.94	0.46 -1.69 6.07	0.47 -1.72 6.11	0.49 -1.71 6.16	0.53 -1.49 5.33	0.52 -1.70 6.35	1.04 -1.66 6.06	1.05 -1.68 6.42	1.31 -2.54 9.73	1.33 -3.09 12.66	2.89 -3.41 12.76	2.93 -3.73 14.08	2.89 -3.87 15.00	2.89 -3.90 15.49	1.85 -4.44 18.38	2.03 -4.67 20.80	5.43 -4.37 17.35	4.91 -5.35 24.07	3.87 -4.13 18.65	1.27 -4.48 22.06	1.19 -4.04 19.55	1.10 -4.03 17.65	1.08 -4.08 17.50
NEG WEST_LEA_LOCKPORT 23791	10.01 0.23 -1.87	10.00 0.30 -1.58	10.02 0.34 -1.46	10.04 0.39 -1.35	10.02 0.45 -1.20	9.09 0.40 -1.34	10.02 0.33 -1.13	10.01 0.17 -1.08	10.23 -0.05 -1.13	14.08 -0.01 -0.51	17.16 -0.24 -0.31	18.80 -0.36 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.41 -0.35 -0.08	27.67 -0.69 -0.86	28.29 -0.71 -1.84	34.57 -1.03 -1.27	27.83 -0.69 -1.86	27.72 -0.56 -0.47	25.02 -0.30 -0.54	22.88 -0.23 -0.32	22.85 0.11 -0.08
NEG WEST___LANCASTR 23811	10.07 -0.02 -2.18	9.95 -0.02 -1.85	9.91 -0.02 -1.70	9.90 0.02 -1.58	9.83 0.06 -1.41	8.97 0.05 -1.57	9.87 -0.01 -1.32	9.90 -0.12 -1.26	10.19 -0.29 -1.32	13.80 -0.38 -0.60	16.81 -0.63 -0.36	18.40 -0.78 -0.12	20.83 0.08 0.00	21.88 0.11 0.00	21.69 -0.82 -0.23	24.00 -0.76 -0.10	27.38 -1.13 -1.01	28.21 -1.09 -2.14	34.37 -1.44 -1.48	27.79 -1.04 -2.18	27.41 -0.95 -0.55	24.54 -0.87 -0.63	22.38 -0.77 -0.37	22.18 -0.57 -0.09
NEG_PENN_ALLEGHNY 23528	11.94 0.14 -3.89	11.54 0.14 -3.29	11.39 0.13 -3.03	11.25 0.14 -2.81	11.01 0.14 -2.51	10.27 0.13 -2.79	11.07 0.15 -2.35	11.16 0.15 -2.25	11.63 0.12 -2.36	14.81 0.16 -1.07	17.94 0.21 -0.64	19.53 0.25 -0.22	21.12 0.37 0.00	22.18 0.41 0.00	23.00 0.31 -0.41	25.36 0.52 -0.17	29.71 0.41 -1.80	31.39 0.41 -3.82	37.52 0.55 -2.64	30.93 0.40 -3.88	29.26 0.47 -0.98	26.25 0.35 -1.12	23.77 0.32 -0.66	23.16 0.34 -0.16
NEG___GEN_MONROE 24207	9.68 0.23 -1.55	9.70 0.28 -1.31	9.74 0.31 -1.21	9.75 0.33 -1.12	9.72 0.36 -1.00	8.77 0.32 -1.11	9.80 0.30 -0.93	9.87 0.21 -0.89	10.17 0.07 -0.94	14.19 0.19 -0.43	17.48 0.14 -0.26	19.24 0.10 -0.09	20.75 0.00 0.00	21.79 0.02 0.00	22.58 0.13 -0.16	25.01 0.27 -0.07	28.38 0.16 -0.72	28.76 0.08 -1.52	35.49 0.10 -1.05	28.31 0.11 -1.54	28.42 0.22 -0.39	25.53 0.30 -0.44	23.32 0.27 -0.26	23.24 0.52 -0.07
NEPA___ENERGY 23901	10.34 0.24 -2.20	10.22 0.24 -1.86	10.18 0.24 -1.71	10.16 0.27 -1.59	10.08 0.30 -1.42	9.20 0.27 -1.58	10.14 0.25 -1.33	10.18 0.15 -1.27	10.50 0.01 -1.33	14.24 0.05 -0.61	17.38 -0.07 -0.36	19.05 -0.13 -0.12	20.98 0.23 0.00	22.03 0.26 0.00	22.42 -0.09 -0.23	24.82 0.05 -0.10	28.29 -0.22 -1.02	29.13 -0.19 -2.16	35.48 -0.34 -1.49	28.66 -0.19 -2.19	28.30 -0.06 -0.55	25.34 -0.07 -0.63	23.14 -0.02 -0.38	22.91 0.16 -0.09
NEVERSINK___HYD 23608	19.07 0.23 -10.93	17.57 0.21 -9.24	16.95 0.21 -8.52	16.39 0.20 -7.89	15.54 0.13 -7.05	15.30 0.12 -7.84	15.31 0.15 -6.60	15.25 0.18 -6.31	16.00 0.22 -6.63	16.91 0.33 -3.01	19.34 0.44 -1.81	20.23 0.55 -0.61	21.47 0.73 0.00	22.51 0.74 0.00	24.28 0.85 -1.15	26.21 1.06 -0.48	33.73 1.18 -5.05	39.60 1.14 -11.31	43.83 1.51 -7.99	38.86 1.15 -11.05	31.59 1.03 -2.75	28.92 0.99 -3.14	25.45 0.80 -1.86	23.71 0.59 -0.46
NEWKRMKL_115KV_TB1 55635	23.02 0.09 -15.03	20.91 0.09 -12.70	20.04 0.10 -11.72	19.24 0.09 -10.85	18.17 0.12 -9.68	18.23 0.10 -10.77	17.75 0.12 -9.07	17.55 0.11 -8.67	18.41 0.14 -9.11	17.93 0.22 -4.13	19.78 0.21 -2.49	20.21 0.30 -0.84	21.18 0.44 0.00	22.27 0.50 0.00	24.37 0.51 -1.58	25.87 0.54 -0.65	35.10 0.66 -6.94	41.59 0.68 -13.76	44.45 0.89 -9.23	42.04 0.69 -14.69	32.34 0.75 -3.78	29.69 0.59 -4.32	25.87 0.52 -2.56	23.68 0.39 -0.64
NEWTON___FALLS_HYD 23847	0.10 -0.96 6.84	0.10 -1.01 7.01	0.10 -0.95 7.17	0.10 -0.99 7.21	0.10 -1.00 7.27	0.10 -0.87 6.38	0.10 -0.99 7.47	0.10 -1.01 7.65	0.10 -1.03 8.03	0.10 -1.66 11.82	0.10 -2.03 14.95	0.10 -2.31 16.65	0.10 -2.53 18.12	0.10 -2.61 19.06	0.10 -2.61 19.57	0.13 -2.91 21.64	0.10 -2.97 24.43	0.10 -3.12 24.34	0.10 -2.29 31.11	0.10 -2.42 24.26	0.10 -2.16 25.28	0.10 -2.30 22.53	0.10 -2.02 20.39	0.10 -2.33 20.22
NGRID_A1_DSASP 323792	9.99 0.18 -1.90	10.05 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.94 -0.81 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.47 -0.64 -0.32	22.44 -0.30 -0.08
NGRID_A2_DSASP 323793	9.99 0.18 -1.90	10.05 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.94 -0.81 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.47 -0.64 -0.32	22.44 -0.30 -0.08
NGRID_A4_DSASP 323807	9.99 0.18 -1.90	10.04 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.97 -0.79 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.45 -0.66 -0.32	22.47 -0.27 -0.08
NIAGARA_115E_LBMP 323715	9.92 0.10 -1.91	9.93 0.20 -1.61	9.96 0.25 -1.49	9.97 0.30 -1.38	9.98 0.38 -1.23	9.06 0.35 -1.37	9.94 0.22 -1.15	9.90 0.04 -1.10	10.12 -0.19 -1.16	13.87 -0.23 -0.52	16.91 -0.50 -0.32	18.52 -0.65 -0.11	20.13 -0.62 0.00	21.07 -0.70 0.00	21.72 -0.76 -0.20	24.02 -0.74 -0.08	27.22 -1.15 -0.88	27.78 -1.25 -1.87	33.91 -1.72 -1.30	27.33 -1.23 -1.90	27.20 -1.08 -0.48	24.59 -0.74 -0.55	22.52 -0.59 -0.33	22.47 -0.27 -0.08

NIAGARA_115W_LBMP 323714	9.97 0.17 -1.90	10.04 0.32 -1.61	10.03 0.33 -1.48	10.04 0.37 -1.37	10.01 0.42 -1.22	9.09 0.37 -1.36	10.04 0.33 -1.15	10.00 0.14 -1.10	10.09 -0.22 -1.15	13.84 -0.26 -0.52	16.85 -0.55 -0.31	18.46 -0.70 -0.11	20.02 -0.73 0.00	20.97 -0.81 0.00	21.66 -0.82 -0.20	23.87 -0.89 -0.08	27.11 -1.26 -0.88	27.64 -1.38 -1.87	33.80 -1.82 -1.29	27.19 -1.36 -1.89	27.06 -1.22 -0.48	24.49 -0.84 -0.55	22.40 -0.71 -0.32	22.40 -0.34 -0.08
NIAGARA_230_LBMP 323716	9.96 0.17 -1.87	9.95 0.25 -1.58	9.95 0.27 -1.46	9.96 0.31 -1.35	9.92 0.35 -1.21	9.01 0.32 -1.34	9.96 0.27 -1.13	9.97 0.12 -1.08	10.19 -0.10 -1.14	14.00 -0.09 -0.52	17.07 -0.33 -0.31	18.73 -0.44 -0.11	20.31 -0.44 0.00	21.27 -0.50 0.00	21.94 -0.53 -0.20	24.21 -0.54 -0.08	27.48 -0.88 -0.87	28.05 -0.95 -1.84	34.27 -1.34 -1.27	27.57 -0.96 -1.87	27.44 -0.83 -0.47	24.80 -0.52 -0.54	22.70 -0.41 -0.32	22.67 -0.07 -0.08
NIAGARA__115KV_198_GIBSON 55903	9.97 0.17 -1.90	10.03 0.31 -1.61	10.03 0.33 -1.48	10.04 0.37 -1.37	10.01 0.42 -1.22	9.09 0.37 -1.36	10.04 0.33 -1.15	10.00 0.14 -1.10	10.09 -0.22 -1.15	13.84 -0.26 -0.52	16.85 -0.55 -0.31	18.46 -0.71 -0.11	20.00 -0.75 0.00	20.97 -0.81 0.00	21.66 -0.82 -0.20	23.89 -0.86 -0.08	27.11 -1.26 -0.88	27.64 -1.38 -1.87	33.80 -1.82 -1.29	27.19 -1.36 -1.89	27.06 -1.22 -0.48	24.49 -0.84 -0.55	22.40 -0.71 -0.32	22.40 -0.34 -0.08
NIAGARA____ 23760	9.99 0.17 -1.90	9.98 0.25 -1.61	9.98 0.27 -1.49	9.98 0.31 -1.38	9.94 0.35 -1.23	9.03 0.32 -1.37	9.98 0.27 -1.15	9.98 0.12 -1.10	10.21 -0.10 -1.15	14.01 -0.09 -0.52	17.07 -0.33 -0.31	18.73 -0.44 -0.11	20.31 -0.44 0.00	21.27 -0.50 0.00	21.94 -0.53 -0.20	24.21 -0.54 -0.08	27.49 -0.88 -0.87	28.07 -0.95 -1.86	34.28 -1.34 -1.29	27.59 -0.96 -1.89	27.45 -0.83 -0.48	24.81 -0.52 -0.54	22.70 -0.41 -0.32	22.67 -0.07 -0.08
NINE_MILE_1 23575	8.55 -0.13 -0.78	8.64 -0.14 -0.66	8.69 -0.14 -0.61	8.72 -0.14 -0.57	8.73 -0.14 -0.50	7.78 -0.12 -0.56	8.88 -0.15 -0.47	9.06 -0.16 -0.45	9.45 -0.18 -0.47	13.54 -0.26 -0.22	16.87 -0.34 -0.13	18.69 -0.42 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.76 -0.60 -0.08	24.02 -0.69 -0.03	27.09 -0.77 -0.36	27.16 -0.76 -0.77	33.90 -0.96 -0.53	26.69 -0.75 -0.78	27.25 -0.75 -0.20	24.34 -0.67 -0.22	22.35 -0.57 -0.13	22.26 -0.43 -0.03
NINE_MILE_2 23744	8.55 -0.13 -0.78	8.64 -0.14 -0.66	8.69 -0.14 -0.61	8.72 -0.14 -0.56	8.73 -0.14 -0.50	7.78 -0.12 -0.56	8.89 -0.15 -0.47	9.06 -0.15 -0.45	9.45 -0.18 -0.47	13.54 -0.26 -0.21	16.87 -0.34 -0.13	18.69 -0.42 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.76 -0.60 -0.08	24.02 -0.69 -0.03	27.09 -0.77 -0.36	27.16 -0.76 -0.77	33.90 -0.96 -0.53	26.69 -0.75 -0.78	27.25 -0.75 -0.20	24.34 -0.67 -0.22	22.35 -0.57 -0.13	22.26 -0.43 -0.03
NM_CAPITAL____DRP 24208	22.99 0.09 -14.99	20.88 0.10 -12.67	20.02 0.12 -11.68	19.22 0.11 -10.82	18.15 0.13 -9.66	18.21 0.12 -10.74	17.73 0.13 -9.04	17.53 0.12 -8.65	18.39 0.15 -9.09	17.92 0.22 -4.12	19.81 0.24 -2.48	20.22 0.32 -0.84	21.18 0.44 0.00	22.27 0.50 0.00	24.39 0.53 -1.58	25.89 0.57 -0.65	35.05 0.63 -6.92	41.45 0.68 -13.61	44.29 0.86 -9.10	41.97 0.69 -14.62	32.33 0.75 -3.77	29.71 0.62 -4.30	25.87 0.52 -2.56	23.70 0.41 -0.63
NM_CENTRAL____DRP 24181	9.27 0.03 -1.33	9.30 0.02 -1.16	9.33 0.02 -1.09	9.34 0.02 -1.03	9.32 0.02 -0.94	8.36 0.01 -1.00	9.48 0.02 -0.90	9.67 0.04 -0.87	10.08 0.01 -0.92	14.24 0.01 -0.65	17.71 0.02 -0.61	19.62 0.02 -0.53	21.13 -0.04 -0.42	22.29 -0.02 -0.54	22.91 -0.04 -0.67	25.26 -0.07 -0.66	28.60 -0.11 -1.22	28.85 -0.11 -1.81	35.85 -0.14 -1.65	28.34 -0.13 -1.82	28.69 -0.11 -1.00	25.65 -0.10 -0.96	23.53 -0.02 -0.77	23.37 0.09 -0.62
NM_FRONTIER____DRP 24179	9.97 0.17 -1.90	10.03 0.31 -1.61	10.03 0.33 -1.48	10.04 0.37 -1.37	10.01 0.42 -1.22	9.09 0.37 -1.36	10.04 0.33 -1.15	10.00 0.14 -1.10	10.09 -0.22 -1.15	13.84 -0.26 -0.52	16.85 -0.55 -0.31	18.46 -0.71 -0.11	20.00 -0.75 0.00	20.97 -0.81 0.00	21.66 -0.82 -0.20	23.89 -0.86 -0.08	27.11 -1.26 -0.88	27.64 -1.38 -1.87	33.80 -1.82 -1.29	27.19 -1.36 -1.89	27.06 -1.22 -0.48	24.49 -0.84 -0.55	22.40 -0.71 -0.32	22.40 -0.34 -0.08
NM_ST_REGIS____HYD 24053	-0.91 -1.48 7.33	-0.94 -1.53 7.52	-0.97 -1.50 7.69	-0.97 -1.53 7.74	-0.98 -1.56 7.79	-0.77 -1.35 6.77	-1.02 -1.55 8.03	-0.59 -1.57 7.78	-0.68 -1.60 8.23	-1.29 -2.50 12.37	-1.98 -3.06 16.01	-0.85 -3.43 16.48	-0.84 -3.78 17.82	-1.40 -3.92 19.25	-1.53 -3.94 19.87	-2.92 -4.39 23.20	-3.41 -4.65 26.26	-0.05 -4.40 22.81	-2.02 -5.32 31.03	-1.45 -4.03 24.08	-4.12 -4.23 27.70	-3.56 -3.77 24.58	-3.15 -3.74 22.20	-3.14 -3.78 22.01
NORTHPORT____1 23551	24.22 0.54 -15.78	19.00 0.56 -10.33	18.26 0.52 -9.52	17.60 0.48 -8.82	16.64 0.40 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.41 0.60 -7.05	17.52 0.67 -7.70	20.32 1.00 -5.73	23.48 1.20 -5.20	27.50 1.35 -7.09	28.66 1.49 -6.42	32.71 1.44 -9.50	33.21 1.47 -9.46	33.72 1.73 -7.32	33.65 1.76 -4.40	38.19 1.66 -9.38	39.11 2.03 -2.76	36.46 1.49 -8.31	33.79 1.78 -4.20	33.77 1.64 -7.35	32.26 1.41 -8.06	30.07 1.27 -6.15
NORTHPORT____2 23552	24.22 0.54 -15.78	19.00 0.56 -10.33	18.26 0.52 -9.52	17.60 0.48 -8.82	16.64 0.40 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.41 0.60 -7.05	17.52 0.67 -7.70	20.32 1.00 -5.73	23.48 1.20 -5.20	27.50 1.35 -7.09	28.66 1.49 -6.42	32.71 1.44 -9.50	33.21 1.47 -9.46	33.72 1.73 -7.32	33.65 1.76 -4.40	38.19 1.66 -9.38	39.11 2.03 -2.76	36.46 1.49 -8.31	33.79 1.78 -4.20	33.77 1.64 -7.35	32.26 1.41 -8.06	30.07 1.27 -6.15
NORTHPORT____3 23553	24.28 0.59 -15.78	19.05 0.61 -10.33	18.31 0.57 -9.52	17.65 0.54 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.49 0.56 -7.37	16.47 0.67 -7.05	17.58 0.72 -7.70	20.41 1.10 -5.73	23.63 1.33 -5.21	27.68 1.53 -7.09	28.94 1.76 -6.43	33.03 1.76 -9.50	33.56 1.83 -9.45	34.11 2.12 -7.32	34.14 2.26 -4.39	38.67 2.14 -9.37	39.72 2.64 -2.75	36.93 1.97 -8.30	34.03 1.61 -4.61	34.03 1.59 -7.66	32.64 1.80 -8.05	30.40 1.59 -6.15
NORTHPORT____4 23650	24.28 0.59 -15.78	19.05 0.61 -10.33	18.31 0.57 -9.52	17.65 0.54 -8.82	16.70 0.46 -7.87	16.50 0.40 -8.76	16.49 0.56 -7.37	16.47 0.67 -7.05	17.58 0.72 -7.70	20.41 1.10 -5.73	23.63 1.33 -5.21	27.68 1.53 -7.09	28.94 1.76 -6.43	33.03 1.76 -9.50	33.56 1.83 -9.45	34.11 2.12 -7.32	34.14 2.26 -4.39	38.67 2.14 -9.37	39.72 2.64 -2.75	36.93 1.97 -8.30	34.03 1.61 -4.61	34.03 1.59 -7.66	32.64 1.80 -8.05	30.40 1.59 -6.15
NORTHPORT____IC 23718	24.22 0.54 -15.78	19.00 0.56 -10.33	18.26 0.52 -9.52	17.60 0.48 -8.82	16.64 0.40 -7.87	16.45 0.35 -8.76	16.42 0.49 -7.37	16.41 0.60 -7.05	17.52 0.67 -7.70	20.32 1.00 -5.73	23.48 1.20 -5.20	27.50 1.35 -7.09	28.66 1.49 -6.42	32.71 1.44 -9.50	33.21 1.47 -9.46	33.72 1.73 -7.32	33.65 1.76 -4.40	38.19 1.66 -9.38	39.11 2.03 -2.76	36.46 1.49 -8.31	33.79 1.78 -4.20	33.77 1.64 -7.35	32.26 1.41 -8.06	30.07 1.27 -6.15

NORTH__COUNTRY_ESR 323785	0.31 -1.68 5.92	0.30 -1.75 6.07	0.29 -1.73 6.21	0.29 -1.76 6.25	0.31 -1.76 6.30	0.37 -1.53 5.45	0.33 -1.74 6.49	0.82 -1.73 6.21	0.83 -1.75 6.58	0.99 -2.63 9.96	0.92 -3.21 12.95	2.41 -3.56 13.08	2.44 -3.90 14.41	2.33 -4.07 15.37	2.31 -4.10 15.87	1.21 -4.66 18.80	1.31 -4.92 21.27	4.63 -4.70 17.82	3.90 -5.77 24.67	3.06 -4.48 19.12	0.48 -4.78 22.54	0.48 -4.31 19.99	0.51 -4.24 18.04	0.51 -4.26 17.89
NPX_GEN_1385_PROXY 323591	24.12 0.43 -15.78	18.94 0.50 -10.33	18.20 0.45 -9.52	17.55 0.43 -8.82	16.59 0.35 -7.87	16.41 0.30 -8.76	16.37 0.44 -7.37	16.36 0.55 -7.05	17.47 0.61 -7.70	20.22 0.91 -5.73	23.19 0.90 -5.20	24.60 0.80 -4.74	25.50 0.87 -3.88	26.57 0.78 -4.02	28.39 0.80 -5.31	29.50 0.99 -3.84	32.94 1.04 -4.40	37.59 1.06 -9.38	38.42 1.34 -2.76	35.92 0.96 -8.31	33.23 1.22 -4.20	33.25 1.12 -7.35	31.64 0.80 -8.06	29.55 0.75 -6.15
NPX_GEN_CSC 323557	24.47 0.78 -15.78	19.24 0.80 -10.33	18.49 0.75 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.64 0.54 -8.76	16.64 0.70 -7.37	16.63 0.82 -7.05	17.77 0.92 -7.70	20.71 1.40 -5.73	23.96 1.68 -5.20	28.17 2.02 -7.09	31.65 2.28 -8.62	39.72 2.33 -15.62	41.34 2.39 -16.68	59.84 2.81 -32.36	84.22 3.00 -53.73	123.88 2.91 -93.82	121.78 3.64 -83.81	88.93 2.75 -59.53	49.52 2.86 -18.85	45.55 2.60 -18.16	33.41 2.37 -8.26	30.96 2.15 -6.15
NSINS_S_GLNS_FALLS 23858	23.85 0.50 -15.45	21.66 0.49 -13.06	20.75 0.49 -12.04	19.93 0.48 -11.15	18.81 0.49 -9.96	18.87 0.45 -11.08	18.38 0.50 -9.32	18.18 0.51 -8.91	19.06 0.54 -9.37	18.66 0.83 -4.25	20.46 0.82 -2.56	20.98 1.05 -0.87	22.07 1.33 0.00	23.25 1.48 0.00	25.35 1.45 -1.62	26.92 1.58 -0.67	36.83 2.20 -7.13	43.52 2.31 -14.06	46.93 3.19 -9.41	44.38 2.64 -15.08	34.53 2.84 -3.89	31.45 2.23 -4.44	27.34 1.91 -2.63	25.08 1.77 -0.65
NUCOR_STEEL__DRP 24197	9.61 0.17 -1.53	9.57 0.15 -1.30	9.57 0.16 -1.20	9.54 0.14 -1.11	9.49 0.14 -0.99	8.58 0.13 -1.10	9.64 0.15 -0.93	9.84 0.19 -0.88	10.26 0.17 -0.93	14.24 0.24 -0.42	17.66 0.32 -0.25	19.49 0.34 -0.09	21.10 0.35 0.00	22.16 0.39 0.00	22.84 0.40 -0.16	25.16 0.42 -0.07	28.73 0.52 -0.71	29.20 0.54 -1.51	36.09 0.72 -1.04	28.72 0.53 -1.53	28.80 0.61 -0.39	25.69 0.47 -0.44	23.48 0.43 -0.26	23.27 0.54 -0.06
NUMBER_THREE_WT_PWR 323818	10.35 -0.43 -2.87	10.49 -0.45 -2.82	10.68 -0.37 -2.83	10.71 -0.39 -2.81	10.74 -0.39 -2.77	9.55 -0.33 -2.53	11.00 -0.38 -2.81	11.23 -0.39 -2.86	11.78 -0.38 -3.00	16.90 -0.69 -4.01	21.23 -0.82 -4.96	23.53 -0.97 -5.44	25.12 -1.06 -5.43	26.93 -1.02 -6.18	27.70 -1.00 -6.43	30.55 -1.16 -7.04	34.73 -0.99 -8.22	34.96 -0.73 -8.54	44.21 -0.65 -10.53	34.76 -0.40 -8.51	35.75 -0.42 -8.36	31.85 -0.42 -7.49	28.80 -0.71 -6.72	28.52 -0.73 -6.59
NYISO_LBMP_REFERENCE 24008	7.91 0.00 0.00	8.12 0.00 0.00	8.22 0.00 0.00	8.30 0.00 0.00	8.36 0.00 0.00	7.35 0.00 0.00	8.56 0.00 0.00	8.76 0.00 0.00	9.16 0.00 0.00	13.58 0.00 0.00	17.09 0.00 0.00	19.06 0.00 0.00	20.75 0.00 0.00	21.77 0.00 0.00	22.28 0.00 0.00	24.67 0.00 0.00	27.50 0.00 0.00	27.15 0.00 0.00	34.33 0.00 0.00	26.66 0.00 0.00	27.80 0.00 0.00	24.78 0.00 0.00	22.79 0.00 0.00	22.66 0.00 0.00
NYPA_BRENTWD__GT 24164	24.36 0.68 -15.78	19.14 0.70 -10.33	18.39 0.65 -9.52	17.72 0.61 -8.82	16.76 0.53 -7.87	16.56 0.46 -8.76	16.55 0.62 -7.37	16.54 0.73 -7.05	17.66 0.81 -7.70	20.53 1.22 -5.73	23.76 1.47 -5.20	27.88 1.73 -7.09	29.57 1.97 -6.86	34.46 1.98 -10.71	35.24 2.03 -10.93	41.14 2.32 -14.15	45.99 2.26 -16.24	59.85 2.14 -30.55	61.87 2.68 -24.86	50.93 2.00 -22.27	52.63 2.45 -22.38	47.80 2.23 -20.79	33.01 2.01 -8.22	30.59 1.79 -6.15
NYPA_GOWANUS__GT5 24156	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.87 1.73 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.48 1.36 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NYPA_GOWANUS__GT6 24157	20.55 0.43 -12.21	18.86 0.42 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.14 1.39 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.96 1.75 -0.53	34.87 1.73 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.48 1.36 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52
NYPA_HARLEM_RVR_GT1 24160	20.57 0.44 -12.22	18.90 0.45 -10.33	18.20 0.45 -9.53	17.58 0.46 -8.82	16.65 0.41 -7.88	16.41 0.31 -8.76	16.32 0.39 -7.37	16.19 0.39 -7.05	16.98 0.42 -7.41	17.63 0.69 -3.36	20.06 0.96 -2.02	20.98 1.24 -0.68	21.99 1.24 0.00	23.00 1.24 0.01	24.87 1.31 -1.28	26.75 1.56 -0.52	34.70 1.57 -5.64	41.62 1.41 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
NYPA_HARLEM_RVR_GT2 24161	20.57 0.44 -12.22	18.90 0.45 -10.33	18.20 0.45 -9.53	17.58 0.46 -8.82	16.65 0.41 -7.88	16.41 0.31 -8.76	16.32 0.39 -7.37	16.19 0.39 -7.05	16.98 0.42 -7.41	17.63 0.69 -3.36	20.06 0.96 -2.02	20.98 1.24 -0.68	21.99 1.24 0.00	23.00 1.24 0.01	24.87 1.31 -1.28	26.75 1.56 -0.52	34.70 1.57 -5.64	41.62 1.41 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
NYPA_KENT__GT 24152	20.53 0.41 -12.21	18.85 0.41 -10.32	18.15 0.40 -9.52	17.54 0.42 -8.82	16.59 0.36 -7.87	16.38 0.27 -8.76	16.28 0.34 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.12 1.37 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.84 1.71 -5.64	41.75 1.55 -13.05	45.48 1.82 -9.33	40.45 1.33 -12.46	32.21 1.33 -3.07	29.78 1.49 -3.51	26.24 1.37 -2.08	24.28 1.11 -0.52
NYPA_POUCH1__GT 24155	20.54 0.42 -12.21	18.84 0.41 -10.32	18.15 0.40 -9.52	17.53 0.41 -8.82	16.58 0.34 -7.87	16.34 0.23 -8.76	16.24 0.30 -7.37	16.14 0.33 -7.05	16.96 0.39 -7.41	17.58 0.64 -3.36	19.98 0.87 -2.03	20.89 1.14 -0.69	22.08 1.33 0.00	23.08 1.31 0.00	25.00 1.43 -1.29	26.89 1.68 -0.54	34.78 1.65 -5.64	41.69 1.49 -13.05	45.41 1.75 -9.32	40.40 1.28 -12.46	32.16 1.28 -3.08	29.76 1.46 -3.51	26.20 1.32 -2.09	24.24 1.07 -0.52
NYPA_VERNON__GT2 24162	20.52 0.40 -12.21	18.84 0.41 -10.32	18.15 0.40 -9.52	17.53 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.20 0.39 -7.05	17.01 0.45 -7.41	17.66 0.72 -3.36	20.05 0.94 -2.02	20.93 1.18 -0.68	22.12 1.37 0.00	23.12 1.35 0.00	25.01 1.45 -1.28	26.90 1.70 -0.53	34.84 1.71 -5.64	41.75 1.55 -13.05	45.44 1.78 -9.33	40.45 1.33 -12.46	32.18 1.31 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.26 1.09 -0.52

NYPA_VERNON____GT3 24163	20.52 0.40 -12.21	18.84 0.41 -10.32	18.15 0.40 -9.52	17.53 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.20 0.39 -7.05	17.01 0.45 -7.41	17.66 0.72 -3.36	20.05 0.94 -2.02	20.93 1.18 -0.68	22.12 1.37 0.00	23.12 1.35 0.00	25.01 1.45 -1.28	26.90 1.70 -0.53	34.84 1.71 -5.64	41.75 1.55 -13.05	45.44 1.78 -9.33	40.45 1.33 -12.46	32.18 1.31 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.26 1.09 -0.52
NYPA____ASTORIA_CC1 323568	20.51 0.40 -12.21	18.84 0.40 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.08 1.33 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.86 1.65 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.37 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
NYPA____ASTORIA_CC2 323569	20.51 0.40 -12.21	18.84 0.40 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.08 1.33 0.00	23.08 1.31 0.00	24.97 1.40 -1.28	26.86 1.65 -0.53	34.78 1.65 -5.64	41.70 1.49 -13.05	45.37 1.72 -9.33	40.40 1.28 -12.46	32.13 1.25 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
NYPA____HOLTSVILL 23794	24.35 0.67 -15.78	19.13 0.69 -10.33	18.39 0.64 -9.52	17.72 0.61 -8.82	16.75 0.52 -7.87	16.55 0.45 -8.76	16.54 0.61 -7.37	16.53 0.72 -7.05	17.65 0.80 -7.70	20.52 1.21 -5.73	23.74 1.45 -5.20	27.84 1.70 -7.09	31.26 1.93 -8.58	39.18 1.89 -15.51	40.77 1.94 -16.55	58.93 2.27 -31.98	82.81 2.36 -52.95	121.92 2.25 -92.51	119.75 2.82 -82.61	87.53 2.11 -58.77	48.72 2.25 -18.66	44.89 2.08 -18.02	33.00 1.96 -8.25	30.55 1.74 -6.15
NYPA____HELLGATE_GT1 24158	20.57 0.44 -12.22	18.90 0.45 -10.33	18.20 0.45 -9.53	17.58 0.46 -8.82	16.65 0.41 -7.88	16.41 0.31 -8.76	16.32 0.39 -7.37	16.19 0.39 -7.05	16.98 0.42 -7.41	17.63 0.69 -3.36	20.06 0.96 -2.02	20.98 1.24 -0.68	21.99 1.24 0.00	23.00 1.24 0.01	24.87 1.31 -1.28	26.75 1.56 -0.52	34.70 1.57 -5.64	41.62 1.41 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
NYPA____HELLGATE_GT2 24159	20.57 0.44 -12.22	18.90 0.45 -10.33	18.20 0.45 -9.53	17.58 0.46 -8.82	16.65 0.41 -7.88	16.41 0.31 -8.76	16.32 0.39 -7.37	16.19 0.39 -7.05	16.98 0.42 -7.41	17.63 0.69 -3.36	20.06 0.96 -2.02	20.98 1.24 -0.68	21.99 1.24 0.00	23.00 1.24 0.01	24.87 1.31 -1.28	26.75 1.56 -0.52	34.70 1.57 -5.64	41.62 1.41 -13.05	45.23 1.58 -9.32	40.28 1.17 -12.46	31.98 1.11 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.31 1.13 -0.52
NYS_BARGE____HYD 23848	9.99 0.23 -1.86	9.99 0.31 -1.57	10.01 0.35 -1.45	10.03 0.40 -1.34	10.03 0.47 -1.20	9.09 0.41 -1.33	10.02 0.33 -1.12	10.00 0.17 -1.07	10.22 -0.06 -1.13	14.06 -0.03 -0.51	17.15 -0.24 -0.31	18.80 -0.36 -0.10	20.46 -0.29 0.00	21.47 -0.30 0.00	22.10 -0.38 -0.20	24.46 -0.29 -0.08	27.69 -0.66 -0.86	28.27 -0.71 -1.82	34.59 -1.00 -1.26	27.81 -0.69 -1.85	27.74 -0.53 -0.47	25.02 -0.30 -0.53	22.90 -0.21 -0.32	22.85 0.11 -0.08
OAK ORCHARD____HYD 24046	9.67 0.23 -1.53	9.68 0.27 -1.30	9.68 0.26 -1.20	9.69 0.28 -1.11	9.65 0.30 -0.99	8.72 0.27 -1.10	9.75 0.26 -0.93	9.85 0.20 -0.88	10.18 0.09 -0.93	14.20 0.20 -0.42	17.49 0.15 -0.25	19.28 0.13 -0.09	20.81 0.06 0.00	21.86 0.09 0.00	22.66 0.22 -0.16	24.89 0.15 -0.07	28.40 0.19 -0.71	28.83 0.16 -1.51	35.58 0.21 -1.04	28.37 0.19 -1.53	28.47 0.28 -0.39	25.54 0.32 -0.44	23.34 0.30 -0.26	23.24 0.52 -0.06
OAKDALE__35_KV_LOAD 356122	11.88 0.11 -3.86	11.49 0.11 -3.26	11.34 0.11 -3.01	11.19 0.11 -2.79	10.97 0.12 -2.49	10.23 0.11 -2.77	11.01 0.12 -2.33	11.10 0.11 -2.23	11.58 0.08 -2.34	14.75 0.11 -1.06	17.84 0.12 -0.64	19.41 0.13 -0.22	21.02 0.27 0.00	22.05 0.28 0.00	22.89 0.20 -0.41	25.11 0.27 -0.17	29.55 0.27 -1.78	31.22 0.27 -3.79	37.30 0.34 -2.62	30.77 0.27 -3.85	29.08 0.31 -0.97	26.11 0.22 -1.11	23.65 0.21 -0.66	23.05 0.23 -0.16
OCC_CHEM____DRP 24175	9.99 0.18 -1.90	10.04 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 -0.20	21.72 -0.76 -0.08	23.97 -0.79 -0.88	27.19 -1.18 -1.87	27.72 -1.30 -1.29	33.91 -1.72 -1.90	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.45 -0.66 -0.32	22.47 -0.27 -0.08
OH_GEN_PROXY 24063	9.95 0.17 -1.88	9.95 0.24 -1.59	9.94 0.26 -1.47	9.94 0.29 -1.36	9.91 0.33 -1.21	9.00 0.30 -1.35	9.95 0.25 -1.14	9.96 0.11 -1.09	10.20 -0.10 -1.14	14.00 -0.09 -0.52	17.09 -0.31 -0.31	18.75 -0.42 -0.11	20.33 -0.41 0.00	21.31 -0.46 0.00	21.99 -0.49 -0.20	24.26 -0.49 -0.08	27.54 -0.82 -0.87	28.08 -0.92 -1.85	34.34 -1.27 -1.28	27.62 -0.91 -1.88	27.47 -0.81 -0.47	24.83 -0.50 -0.54	22.72 -0.39 -0.32	22.67 -0.07 -0.08
OLIN_CORP_DRP 24177	9.95 0.13 -1.92	9.94 0.20 -1.62	9.97 0.25 -1.50	10.00 0.32 -1.39	9.99 0.38 -1.24	9.07 0.35 -1.38	9.95 0.23 -1.16	9.92 0.05 -1.11	10.15 -0.17 -1.16	13.92 -0.19 -0.53	16.94 -0.46 -0.32	18.56 -0.61 -0.11	20.15 -0.60 0.00	21.14 -0.63 0.00	21.79 -0.69 -0.20	24.04 -0.72 -0.08	27.28 -1.10 -0.89	27.87 -1.17 -1.89	34.02 -1.61 -1.31	27.42 -1.15 -1.91	27.29 -1.00 -0.48	24.64 -0.69 -0.55	22.55 -0.57 -0.33	22.51 -0.23 -0.08
OLIN_CORP_DSASP 323712	9.99 0.18 -1.90	10.05 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 -0.20	21.72 -0.76 -0.08	23.94 -0.81 -0.88	27.19 -1.18 -1.87	27.72 -1.30 -1.29	33.91 -1.72 -1.90	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.47 -0.64 -0.32	22.44 -0.30 -0.08
ONEIDA_HERK_LFGE 323681	9.23 -0.12 -1.44	9.37 -0.13 -1.38	9.50 -0.10 -1.37	9.54 -0.11 -1.35	9.57 -0.11 -1.32	8.49 -0.09 -1.23	9.79 -0.09 -1.32	10.01 -0.09 -1.34	10.50 -0.06 -1.40	15.15 -0.19 -1.76	19.02 -0.20 -2.13	21.11 -0.27 -2.31	22.77 -0.27 -2.29	24.16 -0.22 -2.61	24.82 -0.20 -2.74	27.41 -0.25 -2.98	31.02 -0.05 -3.58	31.09 0.11 -3.83	39.21 0.27 -4.60	30.74 0.27 -3.82	31.67 0.28 -3.59	28.21 0.20 -3.23	25.62 -0.05 -2.88	25.38 -0.07 -2.79
ONEIDA__115KV_TB4 55905	9.14 0.10 -1.13	9.23 0.09 -1.02	9.30 0.10 -0.98	9.31 0.08 -0.94	9.33 0.08 -0.88	8.33 0.09 -0.89	9.52 0.10 -0.86	9.72 0.11 -0.84	10.17 0.13 -0.89	14.51 0.11 -0.82	18.16 0.17 -0.90	20.12 0.15 -0.90	21.72 0.21 -0.77	23.04 0.28 -0.98	23.68 0.31 -1.09	26.14 0.32 -1.15	29.66 0.55 -1.62	29.83 0.65 -2.02	37.39 0.93 -2.13	29.45 0.77 -2.03	30.11 0.81 -1.50	26.81 0.64 -1.38	24.40 0.43 -1.18	24.19 0.45 -1.07

ONONDAGA_REF_OCCRA 23987	9.34 0.05 -1.38	9.32 0.03 -1.17	9.33 0.03 -1.08	9.32 0.02 -1.00	9.28 0.03 -0.89	8.37 0.03 -0.99	9.43 0.03 -0.83	9.61 0.05 -0.80	10.02 0.03 -0.84	14.00 0.04 -0.38	17.37 0.05 -0.23	19.20 0.06 -0.08	20.77 0.02 0.00	21.81 0.04 0.00	22.45 0.02 -0.15	24.73 0.00 -0.06	28.13 0.00 -0.64	28.54 0.03 -1.36	35.30 0.03 -0.94	28.03 0.00 -1.38	28.18 0.03 -0.35	25.18 0.00 -0.40	23.07 0.05 -0.24	22.85 0.14 -0.06
ONONDAGA___COGEN 23986	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
ONTARIO___LFGE 23819	9.91 0.21 -1.80	9.84 0.20 -1.52	9.82 0.20 -1.40	9.79 0.20 -1.30	9.73 0.21 -1.16	8.82 0.18 -1.29	9.86 0.21 -1.08	10.02 0.22 -1.04	10.40 0.16 -1.09	14.29 0.22 -0.49	17.62 0.24 -0.30	19.45 0.29 -0.10	21.10 0.35 0.00	22.21 0.44 0.00	22.87 0.40 -0.19	25.32 0.57 -0.08	28.90 0.58 -0.83	29.54 0.63 -1.76	36.31 0.75 -1.22	29.11 0.67 -1.79	29.01 0.75 -0.45	25.87 0.57 -0.52	23.57 0.48 -0.31	23.32 0.59 -0.08
ORANGEVILLE_WT_PWR 323706	10.37 0.19 -2.28	10.26 0.22 -1.92	10.22 0.22 -1.77	10.20 0.26 -1.64	10.12 0.29 -1.47	9.24 0.26 -1.63	10.16 0.22 -1.37	10.20 0.12 -1.31	10.50 0.12 -1.38	14.19 -0.01 -0.63	17.27 -0.19 -0.38	18.96 -0.23 -0.13	20.71 -0.04 0.00	21.71 -0.07 0.00	22.23 -0.29 -0.24	24.77 0.00 -0.10	28.08 -0.47 -1.05	28.98 -0.41 -2.24	35.36 -0.51 -1.55	28.60 -0.32 -2.27	28.15 -0.22 -0.57	25.29 -0.15 -0.65	23.06 -0.11 -0.39	22.82 0.07 -0.10
ORANGEVILLE___ESR 323794	10.37 0.19 -2.28	10.26 0.22 -1.92	10.22 0.22 -1.77	10.20 0.26 -1.64	10.12 0.29 -1.47	9.24 0.26 -1.63	10.16 0.22 -1.37	10.20 0.12 -1.31	10.50 0.12 -1.38	14.19 -0.01 -0.63	17.27 -0.19 -0.38	18.96 -0.23 -0.13	20.71 -0.04 0.00	21.71 -0.07 0.00	22.23 -0.29 -0.24	24.77 0.00 -0.10	28.08 -0.47 -1.05	28.98 -0.41 -2.24	35.36 -0.51 -1.55	28.60 -0.32 -2.27	28.15 -0.22 -0.57	25.29 -0.15 -0.65	23.06 -0.11 -0.39	22.82 0.07 -0.10
OSWEGATCHIE___HYD 24044	0.10 -0.96 6.84	0.10 -1.01 7.01	0.10 -0.95 7.17	0.10 -0.99 7.21	0.10 -1.00 7.27	0.10 -0.87 6.38	0.10 -0.99 7.47	0.10 -1.01 7.65	0.10 -1.03 8.03	0.10 -1.66 11.82	0.10 -2.03 14.95	0.10 -2.31 16.65	0.10 -2.53 18.12	0.10 -2.61 19.06	0.10 -2.61 19.57	0.10 -2.94 21.64	0.10 -2.97 24.43	0.10 -2.72 24.34	0.10 -3.12 31.11	0.10 -2.29 24.26	0.10 -2.42 25.28	0.10 -2.16 22.53	0.10 -2.30 20.39	0.10 -2.33 20.22
OSWEGO___5 23606	8.81 -0.07 -0.97	8.86 -0.07 -0.82	8.91 -0.07 -0.76	8.92 -0.07 -0.70	8.92 -0.08 -0.63	7.98 -0.07 -0.70	9.07 -0.08 -0.59	9.24 -0.08 -0.56	9.64 -0.10 -0.59	13.70 -0.15 -0.27	17.06 -0.19 -0.16	18.87 -0.25 -0.05	20.41 -0.33 0.00	21.42 -0.35 0.00	22.00 -0.38 -0.10	24.29 -0.42 -0.04	27.48 -0.47 -0.45	27.65 -0.46 -0.96	34.41 -0.58 -0.66	27.17 -0.45 -0.97	27.60 -0.45 -0.24	24.64 -0.42 -0.28	22.61 -0.34 -0.17	22.47 -0.23 -0.04
OSWEGO___6 23613	8.81 -0.07 -0.97	8.86 -0.07 -0.82	8.91 -0.07 -0.76	8.92 -0.07 -0.70	8.92 -0.08 -0.63	7.98 -0.07 -0.70	9.07 -0.08 -0.59	9.24 -0.08 -0.56	9.64 -0.10 -0.59	13.70 -0.15 -0.27	17.06 -0.19 -0.16	18.87 -0.25 -0.05	20.41 -0.33 0.00	21.42 -0.35 0.00	22.00 -0.38 -0.10	24.29 -0.42 -0.04	27.48 -0.47 -0.45	27.65 -0.46 -0.96	34.41 -0.58 -0.66	27.17 -0.45 -0.97	27.60 -0.45 -0.24	24.64 -0.42 -0.28	22.61 -0.34 -0.17	22.47 -0.23 -0.04
OUTOKUMPU-AB___DRP 24206	10.15 0.31 -1.94	10.14 0.38 -1.64	10.15 0.42 -1.51	10.17 0.47 -1.40	10.13 0.52 -1.25	9.19 0.46 -1.39	10.15 0.42 -1.17	10.13 0.25 -1.12	10.31 -0.02 -1.18	14.15 0.04 -0.53	17.24 -0.17 -0.32	18.88 -0.29 -0.11	20.60 -0.15 0.00	21.62 -0.15 0.00	22.19 -0.29 -0.20	24.56 -0.20 -0.08	27.84 -0.55 -0.89	28.49 -0.57 -1.90	34.82 -0.82 -1.32	28.03 -0.56 -1.93	27.90 -0.39 -0.49	25.14 -0.20 -0.56	22.98 -0.14 -0.33	22.94 0.20 -0.08
OXBOW___ 24026	10.10 0.27 -1.92	10.12 0.38 -1.62	10.12 0.40 -1.50	10.13 0.45 -1.39	10.10 0.49 -1.24	9.17 0.44 -1.38	10.12 0.40 -1.16	10.10 0.23 -1.11	10.24 -0.08 -1.16	14.05 -0.05 -0.53	17.11 -0.29 -0.32	18.75 -0.42 -0.11	20.39 -0.35 0.00	21.38 -0.39 0.00	22.01 -0.47 -0.20	24.36 -0.40 -0.08	27.58 -0.80 -0.89	28.20 -0.84 -1.89	34.47 -1.17 -1.30	27.74 -0.83 -1.91	27.59 -0.69 -0.48	24.91 -0.42 -0.55	22.80 -0.32 -0.33	22.76 0.02 -0.08
OXY_CHEM_DSASP 323612	9.99 0.18 -1.90	10.04 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.97 -0.79 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.45 -0.66 -0.32	22.47 -0.27 -0.08
OZONE_PARK_ESR 323760	20.57 0.45 -12.21	18.90 0.46 -10.32	18.19 0.45 -9.52	17.58 0.46 -8.82	16.64 0.40 -7.87	16.45 0.35 -8.76	16.37 0.44 -7.37	16.30 0.49 -7.05	17.11 0.55 -7.41	17.79 0.86 -3.36	20.22 1.11 -2.02	21.10 1.35 -0.68	22.37 1.62 0.00	23.38 1.61 0.00	25.26 1.69 -1.28	27.15 1.95 -0.53	35.20 2.06 -5.64	42.13 1.93 -13.05	45.96 2.30 -9.33	40.83 1.71 -12.46	32.49 1.61 -3.07	29.98 1.69 -3.51	26.42 1.55 -2.08	24.47 1.29 -0.52
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	9.99 0.18 -1.90	10.04 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.97 -0.79 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.45 -0.66 -0.32	22.47 -0.27 -0.08
PACKARD__115KV_DUPONT_184 80571	9.99 0.18 -1.90	10.04 0.32 -1.61	10.04 0.34 -1.48	10.05 0.38 -1.37	10.02 0.43 -1.23	9.09 0.38 -1.36	10.05 0.34 -1.15	10.02 0.16 -1.10	10.12 -0.19 -1.15	13.87 -0.23 -0.52	16.90 -0.50 -0.32	18.52 -0.65 -0.11	20.06 -0.68 0.00	21.03 -0.74 0.00	21.72 -0.76 -0.20	23.97 -0.79 -0.08	27.19 -1.18 -0.88	27.72 -1.30 -1.87	33.91 -1.72 -1.29	27.27 -1.28 -1.90	27.14 -1.14 -0.48	24.56 -0.77 -0.55	22.45 -0.66 -0.32	22.47 -0.27 -0.08
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.55 0.43 -12.22	18.88 0.44 -10.33	18.17 0.42 -9.53	17.56 0.44 -8.82	16.63 0.38 -7.88	16.39 0.29 -8.76	16.28 0.35 -7.37	16.17 0.36 -7.05	16.96 0.40 -7.41	17.59 0.65 -3.36	20.01 0.91 -2.02	20.93 1.18 -0.68	22.03 1.29 0.00	22.99 1.22 0.00	24.88 1.31 -1.28	26.73 1.53 -0.53	34.70 1.57 -5.64	41.62 1.41 -13.05	45.24 1.58 -9.33	40.29 1.17 -12.46	32.02 1.14 -3.07	29.65 1.36 -3.51	26.17 1.30 -2.08	24.29 1.11 -0.52

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.64 0.51 -12.22	18.98 0.54 -10.33	18.28 0.53 -9.53	17.66 0.54 -8.82	16.72 0.48 -7.88	16.47 0.37 -8.76	16.37 0.44 -7.37	16.25 0.45 -7.05	17.05 0.49 -7.41	17.73 0.79 -3.36	20.18 1.08 -2.02	21.12 1.37 -0.68	22.26 1.51 0.00	23.21 1.44 0.00	25.10 1.54 -1.28	26.98 1.78 -0.53	35.00 1.87 -5.64	41.92 1.71 -13.05	45.58 1.92 -9.33	40.56 1.44 -12.46	32.27 1.39 -3.07	29.90 1.61 -3.51	26.40 1.53 -2.08	24.53 1.36 -0.52
PATROON__115KV_TB1 80586	23.10 0.11 -15.08	20.98 0.11 -12.75	20.10 0.12 -11.76	19.31 0.12 -10.89	18.22 0.14 -9.72	18.28 0.12 -10.81	17.81 0.15 -9.10	17.59 0.13 -8.70	18.46 0.16 -9.14	17.98 0.26 -4.15	19.86 0.27 -2.50	20.27 0.36 -0.85	21.24 0.50 0.00	22.34 0.57 0.00	24.47 0.60 -1.59	25.97 0.64 -0.66	35.20 0.74 -6.96	41.72 0.79 -13.78	44.56 1.00 -9.23	42.19 0.80 -14.74	32.46 0.86 -3.80	29.81 0.69 -4.33	25.95 0.59 -2.57	23.77 0.48 -0.64
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.13 0.11 -2.11	10.02 0.12 -1.79	10.00 0.13 -1.65	10.00 0.17 -1.53	9.94 0.22 -1.36	9.05 0.19 -1.51	9.98 0.14 -1.27	10.00 0.02 -1.22	10.27 -0.16 -1.28	13.97 -0.19 -0.58	17.03 -0.41 -0.35	18.65 -0.53 -0.12	20.89 0.15 0.00	21.92 0.15 0.00	21.97 -0.53 -0.22	24.32 -0.44 -0.09	27.67 -0.80 -0.98	28.50 -0.73 -2.08	34.74 -1.03 -1.44	28.07 -0.69 -2.11	27.72 -0.61 -0.53	24.87 -0.52 -0.61	22.69 -0.46 -0.36	22.52 -0.23 -0.09
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.61 0.36 -12.35	18.92 0.37 -10.44	18.21 0.36 -9.63	17.58 0.37 -8.92	16.62 0.30 -7.96	16.46 0.26 -8.85	16.33 0.32 -7.45	16.27 0.39 -7.13	17.08 0.44 -7.49	17.63 0.65 -3.40	19.98 0.85 -2.05	20.74 0.99 -0.69	22.14 1.39 0.00	23.19 1.42 0.00	25.09 1.52 -1.30	26.94 1.73 -0.54	35.12 1.92 -5.70	42.10 1.90 -13.05	46.02 2.40 -9.28	41.03 1.81 -12.56	32.47 1.56 -3.11	29.84 1.51 -3.55	26.15 1.25 -2.11	24.16 0.97 -0.52
PEEKSKILL____ 23653	20.30 0.31 -12.09	18.65 0.32 -10.22	17.97 0.32 -9.42	17.35 0.32 -8.73	16.43 0.28 -7.79	16.25 0.24 -8.67	16.16 0.30 -7.29	16.09 0.35 -6.97	16.89 0.40 -7.33	17.52 0.61 -3.32	19.87 0.79 -2.00	20.69 0.95 -0.68	21.91 1.16 0.00	22.95 1.17 0.00	24.80 1.25 -1.27	26.65 1.46 -0.53	34.59 1.51 -5.58	41.50 1.44 -12.91	45.27 1.72 -9.22	40.27 1.28 -12.33	32.04 1.19 -3.04	29.44 1.19 -3.47	25.90 1.05 -2.06	23.98 0.81 -0.51
PGE MADISON__WINDPWR 24146	12.07 0.48 -3.68	11.70 0.47 -3.11	11.57 0.48 -2.87	11.42 0.46 -2.66	11.21 0.48 -2.37	10.43 0.45 -2.64	11.34 0.56 -2.22	11.47 0.59 -2.12	12.00 0.61 -2.23	15.27 0.68 -1.01	18.58 0.89 -0.61	20.18 0.91 -0.21	21.89 1.14 0.00	23.14 1.37 0.00	24.05 1.38 -0.39	26.46 1.63 -0.16	31.42 2.23 -1.70	33.26 2.50 -3.61	40.30 3.47 -2.50	33.15 2.82 -3.67	31.65 2.92 -0.93	28.24 2.40 -1.06	25.19 1.78 -0.63	24.54 1.72 -0.16
PIERCEFIELD__HYD 23852	0.10 -1.43 6.38	0.10 -1.49 6.53	0.10 -1.45 6.68	0.10 -1.48 6.71	0.10 -1.51 6.76	0.10 -1.32 5.93	0.10 -1.51 6.96	0.10 -1.53 7.13	0.10 -1.57 7.49	0.10 -2.46 11.02	0.10 -3.02 13.96	0.10 -3.41 15.55	0.10 -3.76 16.89	0.10 -3.90 17.77	0.10 -3.90 18.28	0.15 -4.37 20.16	0.10 -4.62 22.78	0.10 -4.34 22.71	0.10 -5.22 29.01	0.10 -3.97 22.58	0.10 -4.14 23.56	0.10 -3.69 20.99	0.12 -3.67 19.00	0.10 -3.69 18.87
PINELAWN_CC_1 323563	24.31 0.62 -15.78	19.07 0.63 -10.33	18.34 0.59 -9.52	17.67 0.56 -8.82	16.71 0.48 -7.87	16.52 0.41 -8.76	16.50 0.57 -7.37	16.48 0.67 -7.05	17.59 0.73 -7.70	20.42 1.11 -5.73	23.64 1.35 -5.20	27.75 1.60 -7.09	29.04 1.83 -6.46	33.24 1.85 -9.62	33.85 1.92 -9.66	37.06 2.29 -10.09	37.78 2.39 -7.89	45.92 2.31 -16.46	48.94 2.88 -11.72	42.79 2.16 -13.98	37.76 2.25 -7.71	36.81 2.08 -9.94	32.79 1.91 -8.09	30.50 1.70 -6.15
PJM_GEN_HTP_PROXY 323702	20.49 0.37 -12.21	18.81 0.37 -10.32	18.12 0.38 -9.52	17.49 0.38 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.14 1.39 0.00	23.17 1.39 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.92 1.79 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
PJM_GEN_KEystone 24065	15.60 0.17 -7.53	14.66 0.18 -6.36	14.26 0.17 -5.87	13.91 0.18 -5.43	13.39 0.18 -4.85	12.90 0.15 -5.40	13.28 0.17 -4.54	13.25 0.15 -4.34	13.84 0.12 -4.56	15.84 0.19 -2.07	18.52 0.19 -1.25	19.73 0.25 -0.42	21.20 0.46 0.00	22.23 0.46 0.00	23.45 0.38 -0.79	25.64 0.64 -0.33	31.36 0.38 -3.48	35.43 0.33 -7.95	40.29 0.31 -5.66	34.55 0.24 -7.65	30.25 0.25 -2.19	26.92 0.27 -1.86	24.32 0.25 -1.28	23.18 0.20 -0.32
PJM_GEN_NEPTUNE_PROXY 323594	24.17 0.48 -15.78	18.94 0.50 -10.33	18.21 0.46 -9.52	17.55 0.43 -8.82	16.59 0.35 -7.87	16.41 0.30 -8.76	16.39 0.45 -7.37	16.37 0.56 -7.05	17.46 0.60 -7.70	20.21 0.90 -5.73	23.38 1.09 -5.20	27.42 1.28 -7.08	28.56 1.49 -6.32	32.51 1.50 -9.24	33.07 1.56 -9.23	35.88 1.85 -9.35	35.15 1.92 -5.73	42.13 1.82 -13.15	45.90 2.23 -9.34	40.78 1.65 -12.47	34.67 1.61 -5.26	34.48 1.56 -8.13	32.35 1.50 -8.06	30.09 1.29 -6.14
PJM_GEN_VFT_PROXY 323633	20.46 0.34 -12.21	18.78 0.34 -10.32	18.08 0.34 -9.52	17.46 0.35 -8.82	16.53 0.29 -7.87	16.35 0.25 -8.76	16.26 0.33 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.63 0.69 -3.36	20.00 0.89 -2.02	20.85 1.11 -0.68	22.08 1.33 0.00	23.10 1.33 0.00	24.99 1.43 -1.28	26.86 1.65 -0.53	34.76 1.62 -5.64	41.67 1.47 -13.05	45.37 1.72 -9.33	40.37 1.25 -12.46	32.05 1.17 -3.07	29.58 1.29 -3.51	26.10 1.23 -2.08	24.15 0.97 -0.52
PLATSBRG_115KV_PMLD1 355749	0.54 -1.61 5.76	0.54 -1.66 5.91	0.52 -1.66 6.04	0.53 -1.68 6.08	0.55 -1.68 6.13	0.58 -1.46 5.30	0.57 -1.67 6.32	1.09 -1.64 6.03	1.10 -1.66 6.40	1.39 -2.50 9.69	1.43 -3.04 12.61	3.00 -3.35 12.70	3.05 -3.67 14.02	3.03 -3.81 14.94	3.00 -3.85 15.42	2.02 -4.34 18.31	2.17 -4.62 20.71	5.55 -4.34 17.26	5.02 -5.36 23.96	3.96 -4.13 18.56	1.36 -4.48 21.97	1.27 -4.04 19.47	1.27 -3.94 17.58	1.22 -4.01 17.43
PLEASANTVLY__LBMP 24000	20.90 0.27 -12.73	19.16 0.28 -10.76	18.43 0.28 -9.92	17.77 0.28 -9.19	16.82 0.25 -8.20	16.69 0.21 -9.13	16.52 0.27 -7.68	16.41 0.31 -7.34	17.22 0.35 -7.72	17.61 0.53 -3.50	19.88 0.68 -2.11	20.59 0.82 -0.71	21.76 1.02 0.00	22.77 1.00 0.00	24.69 1.07 -1.34	26.46 1.23 -0.55	34.67 1.29 -5.88	42.07 1.22 -13.69	45.62 1.48 -9.81	40.77 1.09 -13.02	32.06 1.06 -3.20	29.48 1.04 -3.66	25.89 0.93 -2.17	23.92 0.73 -0.54
PLSNTVLE_13_KV_13.8KVDIST 80602	20.55 0.34 -12.30	18.87 0.36 -10.40	18.17 0.35 -9.59	17.53 0.36 -8.88	16.60 0.31 -7.93	16.43 0.26 -8.82	16.32 0.33 -7.42	16.24 0.38 -7.10	17.05 0.43 -7.46	17.61 0.65 -3.38	19.98 0.85 -2.04	20.78 1.03 -0.69	22.01 1.27 0.00	23.03 1.26 0.00	24.93 1.36 -1.29	26.76 1.55 -0.54	34.83 1.65 -5.68	41.85 1.55 -13.15	45.62 1.89 -9.40	40.63 1.41 -12.56	32.23 1.33 -3.10	29.65 1.34 -3.53	26.07 1.18 -2.10	24.13 0.95 -0.52

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.55 0.34 -12.30	18.87 0.36 -10.40	18.17 0.35 -9.59	17.53 0.36 -8.88	16.60 0.31 -7.93	16.43 0.26 -8.82	16.32 0.33 -7.42	16.24 0.38 -7.10	17.05 0.43 -7.46	17.61 0.65 -3.38	19.98 0.85 -2.04	20.78 1.03 -0.69	22.01 1.27 0.00	23.03 1.26 0.00	24.93 1.36 -1.29	26.76 1.55 -0.54	34.83 1.65 -5.68	41.85 1.55 -13.15	45.62 1.89 -9.40	40.63 1.41 -12.56	32.23 1.33 -3.10	29.65 1.34 -3.53	26.07 1.18 -2.10	24.13 0.95 -0.52
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.71 0.32 -12.49	18.99 0.32 -10.56	18.27 0.31 -9.74	17.62 0.31 -9.02	16.68 0.27 -8.05	16.53 0.23 -8.95	16.37 0.27 -7.54	16.27 0.31 -7.21	17.08 0.35 -7.57	17.54 0.53 -3.44	19.84 0.68 -2.07	20.58 0.82 -0.70	21.81 1.06 0.00	22.84 1.07 0.00	24.75 1.16 -1.31	26.57 1.36 -0.54	34.75 1.48 -5.77	40.63 1.41 -12.06	44.40 1.79 -8.28	40.38 1.33 -12.39	32.20 1.25 -3.14	29.58 1.21 -3.59	25.99 1.07 -2.13	24.05 0.86 -0.53
POLETTI____ 23519	20.49 0.37 -12.21	18.82 0.38 -10.32	18.11 0.37 -9.52	17.49 0.38 -8.82	16.56 0.33 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.23 0.42 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.89 1.14 -0.68	22.16 1.41 0.00	23.14 1.37 0.00	25.01 1.45 -1.28	26.88 1.68 -0.53	34.87 1.73 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.48 1.36 -12.46	32.18 1.31 -3.07	29.68 1.39 -3.51	26.17 1.30 -2.08	24.22 1.04 -0.52
POMONA____ESR 323819	19.99 0.30 -11.78	18.38 0.31 -9.96	17.71 0.30 -9.19	17.11 0.31 -8.51	16.22 0.26 -7.59	16.02 0.23 -8.45	15.96 0.29 -7.11	15.89 0.33 -6.80	16.68 0.38 -7.14	17.40 0.58 -3.24	19.77 0.73 -1.95	20.62 0.90 -0.66	21.83 1.08 0.00	22.84 1.07 0.00	24.68 1.16 -1.24	26.57 1.38 -0.51	34.36 1.43 -5.44	41.03 1.33 -12.55	44.87 1.58 -8.95	39.84 1.17 -12.01	31.88 1.11 -2.97	29.26 1.09 -3.38	25.75 0.96 -2.01	23.88 0.72 -0.50
PORT_JEFF_3 23555	24.37 0.69 -15.78	19.15 0.71 -10.33	18.40 0.66 -9.52	17.73 0.61 -8.82	16.76 0.53 -7.87	16.57 0.46 -8.76	16.55 0.62 -7.37	16.54 0.74 -7.05	17.67 0.81 -7.70	20.55 1.24 -5.73	23.77 1.49 -5.20	27.90 1.75 -7.09	31.41 1.99 -8.68	39.46 1.92 -15.78	41.08 1.94 -16.86	59.83 2.22 -32.93	84.70 2.28 -54.93	125.14 2.14 -95.84	122.69 2.68 -85.68	89.39 2.02 -60.71	48.92 2.11 -19.00	45.06 2.01 -18.27	33.03 1.98 -8.26	30.59 1.79 -6.15
PORT_JEFF_4 23616	24.37 0.69 -15.78	19.15 0.71 -10.33	18.40 0.66 -9.52	17.73 0.61 -8.82	16.76 0.53 -7.87	16.57 0.46 -8.76	16.55 0.62 -7.37	16.54 0.74 -7.05	17.67 0.81 -7.70	20.55 1.24 -5.73	23.77 1.49 -5.20	27.90 1.75 -7.09	31.41 1.99 -8.68	39.46 1.92 -15.78	41.08 1.94 -16.86	59.83 2.22 -32.93	84.70 2.28 -54.93	125.14 2.14 -95.84	122.69 2.68 -85.68	89.39 2.02 -60.71	48.92 2.11 -19.00	45.06 2.01 -18.27	33.03 1.98 -8.26	30.59 1.79 -6.15
PORT_JEFF_IC 23713	24.39 0.70 -15.78	19.16 0.72 -10.33	18.42 0.67 -9.52	17.75 0.63 -8.82	16.79 0.55 -7.87	16.58 0.48 -8.76	16.57 0.63 -7.37	16.56 0.75 -7.05	17.69 0.83 -7.70	20.59 1.28 -5.73	23.82 1.54 -5.20	27.98 1.83 -7.09	31.85 2.07 -9.03	40.57 2.05 -16.75	42.36 2.07 -18.00	63.39 2.27 -36.45	92.10 2.34 -62.27	137.56 2.23 -108.18	134.14 2.75 -97.06	96.64 2.08 -67.90	50.05 2.14 -20.11	45.95 2.08 -19.09	33.16 2.10 -8.28	30.66 1.86 -6.15
PPL PILGRIM_ST_GT1 24216	24.36 0.68 -15.78	19.14 0.70 -10.33	18.39 0.65 -9.52	17.72 0.61 -8.82	16.76 0.53 -7.87	16.56 0.46 -8.76	16.55 0.62 -7.37	16.54 0.73 -7.05	17.66 0.81 -7.70	20.53 1.22 -5.73	23.76 1.47 -5.20	27.88 1.73 -7.09	29.57 1.97 -6.86	34.46 1.98 -10.71	35.24 2.03 -10.93	41.14 2.32 -14.15	45.99 2.26 -16.24	59.85 2.14 -30.55	61.87 2.68 -24.86	50.93 2.00 -22.27	52.63 2.45 -22.38	47.80 2.23 -20.79	33.01 2.01 -8.22	30.59 1.79 -6.15
PPL PILGRIM_ST_GT2 24217	24.36 0.68 -15.78	19.14 0.70 -10.33	18.39 0.65 -9.52	17.72 0.61 -8.82	16.76 0.53 -7.87	16.56 0.46 -8.76	16.55 0.62 -7.37	16.54 0.73 -7.05	17.66 0.81 -7.70	20.53 1.22 -5.73	23.76 1.47 -5.20	27.88 1.73 -7.09	29.57 1.97 -6.86	34.46 1.98 -10.71	35.24 2.03 -10.93	41.14 2.32 -14.15	45.99 2.26 -16.24	59.85 2.14 -30.55	61.87 2.68 -24.86	50.93 2.00 -22.27	52.63 2.45 -22.38	47.80 2.23 -20.79	33.01 2.01 -8.22	30.59 1.79 -6.15
PPL_SHRM_GT3 24213	24.47 0.78 -15.78	19.25 0.80 -10.33	18.49 0.75 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.64 0.54 -8.76	16.64 0.71 -7.37	16.63 0.82 -7.05	17.77 0.92 -7.70	20.71 1.40 -5.73	23.96 1.68 -5.20	28.17 2.02 -7.09	31.75 2.28 -8.72	39.97 2.31 -15.90	41.67 2.39 -17.00	60.86 2.84 -33.36	86.34 3.02 -55.82	127.42 2.93 -97.33	125.02 3.64 -87.05	91.00 2.77 -61.57	49.88 2.86 -19.21	45.81 2.60 -18.43	33.42 2.37 -8.26	30.96 2.15 -6.15
PPL_SHRM_GT4 24214	24.47 0.78 -15.78	19.25 0.80 -10.33	18.49 0.75 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.64 0.54 -8.76	16.64 0.71 -7.37	16.63 0.82 -7.05	17.77 0.92 -7.70	20.71 1.40 -5.73	23.96 1.68 -5.20	28.17 2.02 -7.09	31.75 2.28 -8.72	39.97 2.31 -15.90	41.67 2.39 -17.00	60.86 2.84 -33.36	86.34 3.02 -55.82	127.42 2.93 -97.33	125.02 3.64 -87.05	91.00 2.77 -61.57	49.88 2.86 -19.21	45.81 2.60 -18.43	33.42 2.37 -8.26	30.96 2.15 -6.15
PROJECT___ORANGE 1 24174	9.28 0.03 -1.34	9.31 0.02 -1.17	9.35 0.02 -1.10	9.35 0.02 -1.03	9.33 0.03 -0.94	8.37 0.02 -1.00	9.49 0.03 -0.90	9.68 0.04 -0.88	10.10 0.02 -0.92	14.25 0.03 -0.64	17.72 0.03 -0.60	19.62 0.04 -0.52	21.14 -0.02 -0.41	22.30 0.00 -0.53	22.92 -0.02 -0.66	25.27 -0.05 -0.65	28.62 -0.08 -1.21	28.88 -0.08 -1.81	35.87 -0.10 -1.64	28.37 -0.11 -1.82	28.71 -0.08 -0.99	25.66 -0.07 -0.95	23.52 -0.02 -0.76	23.36 0.09 -0.61
PROJECT___ORANGE 2 24166	9.28 0.03 -1.34	9.31 0.02 -1.17	9.35 0.02 -1.10	9.35 0.02 -1.03	9.33 0.03 -0.94	8.37 0.02 -1.00	9.49 0.03 -0.90	9.68 0.04 -0.88	10.10 0.02 -0.92	14.25 0.03 -0.64	17.72 0.03 -0.60	19.62 0.04 -0.52	21.14 -0.02 -0.41	22.30 0.00 -0.53	22.92 -0.02 -0.66	25.27 -0.05 -0.65	28.62 -0.08 -1.21	28.88 -0.08 -1.81	35.87 -0.10 -1.64	28.37 -0.11 -1.82	28.71 -0.08 -0.99	25.66 -0.07 -0.95	23.52 -0.02 -0.76	23.36 0.09 -0.61
PUCKETT___SOLAR 323809	12.08 0.21 -3.96	11.67 0.20 -3.35	11.52 0.21 -3.09	11.36 0.20 -2.86	11.13 0.21 -2.55	10.38 0.19 -2.84	11.19 0.23 -2.39	11.27 0.22 -2.29	11.74 0.18 -2.40	14.86 0.19 -1.09	17.95 0.21 -0.66	19.49 0.21 -0.22	21.08 0.33 0.00	22.18 0.41 0.00	23.03 0.33 -0.42	25.39 0.54 -0.17	29.93 0.60 -1.83	31.75 0.70 -3.89	38.09 1.07 -2.69	31.48 0.88 -3.95	29.75 0.95 -1.00	26.69 0.77 -1.14	24.05 0.59 -0.68	23.44 0.61 -0.17
PYRITES___HYD 24023	0.36 -1.38 6.16	0.36 -1.44 6.31	0.36 -1.41 6.45	0.36 -1.45 6.49	0.36 -1.47 6.53	0.33 -1.29 5.73	0.38 -1.46 6.72	0.38 -1.49 6.89	0.42 -1.50 7.24	0.52 -2.40 10.65	0.63 -2.96 13.50	0.69 -3.34 15.03	0.72 -3.65 16.37	0.84 -3.74 17.18	0.86 -3.74 17.67	0.99 -4.19 19.49	1.16 -4.32 22.02	1.19 -4.02 21.95	1.51 -4.77 28.05	1.26 -3.57 21.83	1.27 -3.75 22.78	1.12 -3.37 20.29	0.94 -3.49 18.36	0.89 -3.53 18.24

QUAKERRD_115KV_BK1 80622	9.37 -0.02 -1.48	9.37 0.01 -1.25	9.37 0.00 -1.15	9.37 0.01 -1.07	9.34 0.03 -0.95	8.43 0.02 -1.06	9.44 -0.02 -0.89	9.56 -0.05 -0.85	9.91 -0.14 -0.89	13.85 -0.14 -0.41	17.07 -0.26 -0.24	18.84 -0.30 -0.08	20.31 -0.44 0.00	21.34 -0.44 0.00	22.10 -0.33 -0.16	24.39 -0.35 -0.06	27.71 -0.47 -0.68	28.14 -0.46 -1.45	34.72 -0.62 -1.00	27.65 -0.48 -1.47	27.76 -0.42 -0.37	24.86 -0.35 -0.42	22.72 -0.32 -0.25	22.61 -0.11 -0.06
QUENSBRY_115KV_TB8 356137	23.91 0.55 -15.45	21.71 0.54 -13.06	20.79 0.52 -12.05	19.97 0.51 -11.16	18.86 0.54 -9.96	18.92 0.49 -11.08	18.43 0.54 -9.32	18.23 0.55 -8.92	19.12 0.60 -9.37	18.75 0.92 -4.25	20.57 0.92 -2.56	21.09 1.16 -0.87	22.22 1.47 0.00	23.43 1.65 0.00	25.51 1.60 -1.63	27.10 1.75 -0.67	37.05 2.42 -7.14	43.81 2.58 -14.07	47.28 3.54 -9.42	44.65 2.91 -15.09	34.81 3.11 -3.89	31.68 2.45 -4.44	27.52 2.10 -2.64	25.24 1.93 -0.65
RAMAPO___LBMP 323565	19.93 0.28 -11.74	18.33 0.29 -9.93	17.66 0.28 -9.16	17.06 0.28 -8.48	16.17 0.24 -7.57	15.97 0.21 -8.42	15.91 0.27 -7.09	15.84 0.31 -6.77	16.63 0.36 -7.12	17.35 0.54 -3.23	19.73 0.70 -1.94	20.56 0.84 -0.66	21.78 1.04 0.00	22.79 1.02 0.00	24.63 1.11 -1.24	26.47 1.28 -0.51	34.27 1.35 -5.42	40.90 1.25 -12.50	44.76 1.51 -8.92	39.75 1.12 -11.97	31.79 1.03 -2.96	29.17 1.02 -3.37	25.70 0.91 -2.00	23.83 0.68 -0.50
RANKINE____ 23646	10.22 0.25 -2.06	10.14 0.28 -1.74	10.14 0.30 -1.61	10.13 0.35 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.12 0.31 -1.25	10.13 0.18 -1.19	10.39 -0.02 -1.25	14.17 0.03 -0.57	17.27 -0.15 -0.34	18.91 -0.27 -0.12	20.79 0.04 0.00	21.81 0.04 0.00	22.25 -0.25 -0.22	24.61 -0.15 -0.09	27.98 -0.47 -0.95	28.72 -0.46 -2.03	35.05 -0.69 -1.40	28.29 -0.43 -2.06	28.02 -0.31 -0.52	25.20 -0.17 -0.59	23.03 -0.11 -0.35	22.90 0.16 -0.09
RAVENSWOOD_GT2_1 24244	20.50 0.38 -12.21	18.83 0.39 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT2_2 24245	20.50 0.38 -12.21	18.83 0.39 -10.32	18.12 0.38 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.55 1.89 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT2_3 24246	20.51 0.39 -12.21	18.84 0.40 -10.32	18.13 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.67 0.73 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT2_4 24247	20.51 0.39 -12.21	18.84 0.40 -10.32	18.13 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.67 0.73 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT3_1 24248	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT3_2 24249	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT3_3 24250	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.40 0.29 -8.76	16.31 0.38 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.68 0.75 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.19 1.42 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.95 1.81 -5.64	41.86 1.66 -13.05	45.62 1.96 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.75 1.46 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52
RAVENSWOOD_GT3_4 24251	20.51 0.40 -12.21	18.84 0.41 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.40 0.29 -8.76	16.31 0.38 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.68 0.75 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.19 1.42 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.95 1.81 -5.64	41.86 1.66 -13.05	45.62 1.96 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.75 1.46 -3.51	26.21 1.34 -2.08	24.26 1.09 -0.52
RAVENSWOOD_GT_1 23729	20.52 0.40 -12.21	18.84 0.41 -10.32	18.15 0.40 -9.52	17.53 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.29 0.36 -7.37	16.20 0.39 -7.05	17.01 0.45 -7.41	17.66 0.72 -3.36	20.05 0.94 -2.02	20.93 1.18 -0.68	22.12 1.37 0.00	23.12 1.35 0.00	25.01 1.45 -1.28	26.90 1.70 -0.53	34.84 1.71 -5.64	41.75 1.55 -13.05	45.44 1.78 -9.33	40.45 1.33 -12.46	32.18 1.31 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.26 1.09 -0.52
RAVENSWOOD_GT_10 24258	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT_11 24259	20.50 0.38 -12.21	18.82 0.38 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.17 1.39 0.00	25.03 1.47 -1.28	26.90 1.70 -0.53	34.90 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52

RAVENSWOOD_GT_4 24252	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.92 1.79 -5.64	41.83 1.63 -13.05	45.62 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT_5 24254	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.92 1.79 -5.64	41.83 1.63 -13.05	45.62 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT_6 24253	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.92 1.79 -5.64	41.83 1.63 -13.05	45.62 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT_7 24255	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.04 0.48 -7.41	17.68 0.75 -3.36	20.06 0.96 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.92 1.79 -5.64	41.83 1.63 -13.05	45.62 1.96 -9.33	40.56 1.44 -12.46	32.24 1.36 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD_GT_9 24257	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.39 0.29 -8.76	16.30 0.37 -7.37	16.23 0.42 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.16 1.41 0.00	23.16 1.39 0.00	25.03 1.47 -1.28	26.91 1.70 -0.53	34.89 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
RAVENSWOOD___1 23533	20.51 0.40 -12.21	18.84 0.40 -10.32	18.14 0.39 -9.52	17.52 0.41 -8.82	16.59 0.35 -7.87	16.38 0.28 -8.76	16.28 0.35 -7.37	16.20 0.39 -7.05	17.01 0.45 -7.41	17.64 0.71 -3.36	20.05 0.94 -2.02	20.93 1.18 -0.68	22.09 1.35 0.00	23.12 1.35 0.00	25.01 1.45 -1.28	26.88 1.68 -0.53	34.84 1.71 -5.64	41.75 1.55 -13.05	45.44 1.78 -9.33	40.43 1.31 -12.46	32.16 1.28 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.26 1.09 -0.52
RAVENSWOOD___2 23534	20.51 0.40 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.09 1.35 0.00	23.10 1.33 0.00	24.99 1.43 -1.28	26.88 1.68 -0.53	34.84 1.71 -5.64	41.73 1.52 -13.05	45.44 1.78 -9.33	40.43 1.31 -12.46	32.16 1.28 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
RAVENSWOOD___3 23535	20.50 0.38 -12.21	18.82 0.38 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.57 0.33 -7.87	16.38 0.28 -8.76	16.30 0.37 -7.37	16.22 0.41 -7.05	17.03 0.47 -7.41	17.67 0.73 -3.36	20.05 0.94 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.17 1.39 0.00	25.03 1.47 -1.28	26.90 1.70 -0.53	34.90 1.76 -5.64	41.83 1.63 -13.05	45.58 1.92 -9.33	40.53 1.41 -12.46	32.21 1.33 -3.07	29.73 1.44 -3.51	26.19 1.32 -2.08	24.24 1.07 -0.52
RAVENSWOOD___4 23820	20.51 0.39 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.08 1.33 0.00	23.10 1.33 0.00	24.99 1.43 -1.28	26.88 1.68 -0.53	34.81 1.68 -5.64	41.73 1.52 -13.05	45.41 1.75 -9.33	40.43 1.31 -12.46	32.16 1.28 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.07 -0.52
RCPI_TRUST___DRP 24196	20.51 0.39 -12.21	18.84 0.40 -10.32	18.13 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.70 0.76 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.20 1.45 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.98 1.84 -5.64	41.92 1.71 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.21 1.34 -2.08	24.29 1.11 -0.52
RED___ROCHESTER 323720	9.70 0.27 -1.53	9.71 0.31 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.78 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.41 0.27 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.11 0.37 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.52 -1.04	28.60 0.43 -1.52	28.71 0.53 -0.38	25.74 0.52 -0.44	23.53 0.48 -0.26	23.40 0.68 -0.06
REGAN___SOLAR 323812	26.27 0.85 -17.52	23.78 0.86 -14.81	22.72 0.84 -13.66	21.76 0.82 -12.65	20.50 0.84 -11.29	20.69 0.78 -12.56	20.00 0.86 -10.57	19.74 0.88 -10.11	20.66 0.88 -10.62	19.63 1.24 -4.82	21.42 1.44 -2.90	21.74 1.70 -0.98	22.86 2.12 0.00	24.10 2.33 0.00	26.48 2.36 -1.84	28.00 2.57 -0.76	38.94 3.35 -8.09	47.42 3.80 -16.46	50.76 5.25 -11.17	48.28 4.37 -17.25	36.86 4.64 -4.41	33.56 3.74 -5.03	28.97 3.19 -2.99	26.41 3.01 -0.74
RENSSELAER___COGEN 23796	22.89 0.06 -14.92	20.79 0.06 -12.61	19.93 0.07 -11.63	19.14 0.07 -10.77	18.07 0.09 -9.62	18.13 0.08 -10.70	17.66 0.09 -9.00	17.46 0.09 -8.61	18.31 0.11 -9.05	17.85 0.16 -4.10	19.73 0.17 -2.47	20.13 0.23 -0.84	21.10 0.35 0.00	22.16 0.39 0.00	24.27 0.42 -1.57	25.79 0.47 -0.65	34.91 0.52 -6.89	41.37 0.57 -13.65	44.21 0.72 -9.15	41.80 0.56 -14.59	32.17 0.61 -3.76	29.56 0.50 -4.29	25.76 0.43 -2.55	23.58 0.29 -0.63
REPUBLIC_115KV_BARTNBRK 55605	24.38 1.03 -15.45	22.18 1.01 -13.06	21.25 0.99 -12.04	20.43 0.98 -11.15	19.33 1.01 -9.95	19.36 0.93 -11.07	18.92 1.04 -9.32	18.75 1.08 -8.91	19.67 1.15 -9.37	19.61 1.78 -4.25	21.63 1.98 -2.56	22.37 2.44 -0.87	23.65 2.90 0.00	24.95 3.18 0.00	27.00 3.10 -1.62	28.72 3.38 -0.67	39.03 4.40 -7.13	45.83 4.62 -14.05	49.95 6.21 -9.40	46.83 5.09 -15.08	37.31 5.62 -3.89	33.61 4.39 -4.44	29.20 3.78 -2.63	26.91 3.60 -0.65

REVERE_CPPR_DRP 24186	9.25 0.08 -1.26	9.35 0.06 -1.17	9.44 0.08 -1.14	9.46 0.07 -1.10	9.48 0.07 -1.05	8.45 0.07 -1.03	9.70 0.09 -1.04	9.89 0.10 -1.04	10.37 0.13 -1.09	14.83 0.08 -1.17	18.58 0.14 -1.36	20.60 0.11 -1.42	22.30 0.17 -1.39	23.61 0.26 -1.58	24.27 0.29 -1.70	26.79 0.30 -1.82	30.44 0.60 -2.34	30.62 0.76 -2.70	38.48 1.10 -3.05	30.29 0.93 -2.70	31.02 0.95 -2.27	27.62 0.77 -2.06	25.07 0.48 -1.81	24.84 0.48 -1.71
REYNOLDS_115KV_TB3 80639	22.97 0.11 -14.95	20.87 0.11 -12.64	20.01 0.13 -11.65	19.22 0.13 -10.79	18.15 0.15 -9.63	18.20 0.13 -10.72	17.73 0.15 -9.02	17.52 0.13 -8.62	18.38 0.16 -9.06	17.92 0.23 -4.11	19.83 0.27 -2.48	20.24 0.34 -0.84	21.20 0.46 0.00	22.29 0.52 0.00	24.41 0.56 -1.57	25.91 0.59 -0.65	35.06 0.66 -6.90	41.35 0.71 -13.49	44.21 0.89 -8.99	41.91 0.69 -14.56	32.32 0.75 -3.76	29.72 0.64 -4.29	25.88 0.55 -2.55	23.72 0.43 -0.63
RIVERBAY____ 323610	20.64 0.51 -12.22	18.98 0.54 -10.33	18.28 0.53 -9.53	17.66 0.54 -8.82	16.72 0.48 -7.88	16.47 0.37 -8.76	16.37 0.44 -7.37	16.25 0.45 -7.05	17.05 0.49 -7.41	17.73 0.79 -3.36	20.18 1.08 -2.02	21.12 1.37 -0.68	22.26 1.51 0.00	23.21 1.44 0.00	25.10 1.54 -1.28	26.98 1.78 -0.53	35.00 1.87 -5.64	41.92 1.71 -13.05	45.58 1.92 -9.33	40.56 1.44 -12.46	32.27 1.39 -3.07	29.90 1.61 -3.51	26.40 1.53 -2.08	24.53 1.36 -0.52
RIVERSDE_115KV_TB3 55908	22.99 0.09 -14.99	20.88 0.10 -12.67	20.02 0.12 -11.68	19.22 0.11 -10.82	18.15 0.13 -9.66	18.21 0.12 -10.74	17.73 0.13 -9.04	17.53 0.12 -8.65	18.39 0.15 -9.09	17.92 0.22 -4.12	19.81 0.24 -2.48	20.22 0.32 -0.84	21.18 0.44 0.00	22.27 0.50 0.00	24.39 0.53 -1.58	25.89 0.57 -0.65	35.05 0.63 -6.92	41.45 0.68 -13.61	44.29 0.86 -9.10	41.97 0.69 -14.62	32.33 0.75 -3.77	29.71 0.62 -4.30	25.87 0.52 -2.56	23.70 0.41 -0.63
ROARING__BROOK_WT_PWR 323790	7.17 -0.39 0.35	7.38 -0.38 0.36	7.49 -0.37 0.36	7.57 -0.36 0.36	7.65 -0.35 0.37	6.72 -0.30 0.32	7.85 -0.34 0.38	8.04 -0.34 0.38	8.45 -0.30 0.40	12.63 -0.37 0.58	15.96 -0.39 0.73	17.81 -0.44 0.81	19.50 -0.52 0.73	20.26 -0.59 0.93	20.68 -0.65 0.96	22.85 -0.77 1.05	25.53 -0.77 1.20	25.27 -0.68 1.21	31.98 -0.82 1.53	24.74 -0.72 1.20	25.70 -0.86 1.24	22.81 -0.87 1.10	20.88 -0.91 1.00	20.72 -0.95 0.99
ROCHESRG_115KV_T4 355643	9.61 0.19 -1.51	9.62 0.23 -1.28	9.63 0.23 -1.18	9.64 0.25 -1.09	9.61 0.27 -0.98	8.68 0.24 -1.09	9.70 0.22 -0.91	9.80 0.17 -0.87	10.13 0.05 -0.92	14.14 0.15 -0.42	17.40 0.07 -0.25	19.20 0.06 -0.08	20.71 -0.04 0.00	21.75 -0.02 0.00	22.53 0.09 -0.16	24.89 0.15 -0.07	28.22 0.03 -0.70	28.64 0.00 -1.49	35.33 -0.03 -1.03	28.16 0.00 -1.51	28.27 0.08 -0.38	25.39 0.17 -0.43	23.21 0.16 -0.26	23.11 0.39 -0.06
ROCHESTER_9_IC 23652	9.67 0.24 -1.53	9.67 0.27 -1.29	9.68 0.27 -1.19	9.69 0.29 -1.10	9.66 0.31 -0.98	8.71 0.27 -1.09	9.74 0.26 -0.92	9.85 0.21 -0.88	10.18 0.10 -0.92	14.23 0.23 -0.42	17.53 0.19 -0.25	19.34 0.19 -0.09	20.85 0.10 0.00	21.90 0.13 0.00	22.71 0.27 -0.16	25.06 0.32 -0.07	28.45 0.25 -0.70	28.90 0.24 -1.50	35.64 0.27 -1.04	28.42 0.24 -1.52	28.52 0.33 -0.38	25.59 0.37 -0.44	23.37 0.32 -0.26	23.27 0.54 -0.06
ROCKVIEW_13_KV_LD 356306	20.50 0.38 -12.21	18.83 0.39 -10.32	18.13 0.39 -9.52	17.50 0.39 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.31 0.38 -7.37	16.24 0.43 -7.05	17.05 0.49 -7.41	17.67 0.73 -3.36	20.06 0.96 -2.02	20.89 1.14 -0.68	22.16 1.41 0.00	23.19 1.42 0.00	25.06 1.49 -1.28	26.93 1.73 -0.53	34.98 1.84 -5.64	41.92 1.71 -13.05	45.75 2.09 -9.33	40.67 1.55 -12.47	32.35 1.47 -3.07	29.78 1.49 -3.51	26.19 1.32 -2.08	24.26 1.09 -0.52
ROME____115KV_TB2 80656	9.25 0.08 -1.26	9.35 0.06 -1.17	9.44 0.08 -1.14	9.46 0.07 -1.10	9.48 0.07 -1.05	8.45 0.07 -1.03	9.70 0.09 -1.04	9.89 0.10 -1.04	10.37 0.13 -1.09	14.83 0.08 -1.17	18.58 0.14 -1.36	20.60 0.11 -1.42	22.30 0.17 -1.39	23.61 0.26 -1.58	24.27 0.29 -1.70	26.79 0.30 -1.82	30.44 0.60 -2.34	30.62 0.76 -2.70	38.48 1.10 -3.05	30.29 0.93 -2.70	31.02 0.95 -2.27	27.62 0.77 -2.06	25.07 0.48 -1.81	24.84 0.48 -1.71
ROSETON__1 23587	20.38 0.27 -12.21	18.71 0.28 -10.32	18.01 0.27 -9.52	17.39 0.28 -8.81	16.47 0.24 -7.87	16.31 0.21 -8.75	16.20 0.27 -7.37	16.10 0.30 -7.04	16.90 0.34 -7.40	17.45 0.52 -3.36	19.77 0.67 -2.02	20.55 0.80 -0.68	21.72 0.98 0.00	22.75 0.98 0.00	24.63 1.07 -1.28	26.44 1.23 -0.53	34.42 1.29 -5.64	41.30 1.19 -12.95	45.01 1.44 -9.23	40.18 1.09 -12.43	31.91 1.03 -3.07	29.31 1.02 -3.51	25.78 0.91 -2.08	23.90 0.72 -0.52
ROSETON__2 23588	20.38 0.27 -12.21	18.71 0.28 -10.32	18.01 0.27 -9.52	17.39 0.28 -8.81	16.47 0.24 -7.87	16.31 0.21 -8.75	16.20 0.27 -7.37	16.10 0.30 -7.04	16.90 0.34 -7.40	17.45 0.52 -3.36	19.77 0.67 -2.02	20.55 0.80 -0.68	21.72 0.98 0.00	22.75 0.98 0.00	24.63 1.07 -1.28	26.44 1.23 -0.53	34.42 1.29 -5.64	41.30 1.19 -12.95	45.01 1.44 -9.23	40.18 1.09 -12.43	31.91 1.03 -3.07	29.31 1.02 -3.51	25.78 0.91 -2.08	23.90 0.72 -0.52
ROTTTRDAM_115KV_TB3 80664	23.78 0.25 -15.63	21.58 0.25 -13.21	20.66 0.25 -12.19	19.83 0.25 -11.29	18.70 0.26 -10.07	18.78 0.23 -11.21	18.25 0.26 -9.43	18.03 0.25 -9.02	18.91 0.27 -9.48	18.30 0.42 -4.30	20.17 0.50 -2.59	20.55 0.61 -0.88	21.49 0.75 0.00	22.60 0.83 0.00	24.77 0.85 -1.64	26.27 0.91 -0.68	35.81 1.10 -7.22	42.74 1.11 -14.47	45.56 1.48 -9.75	43.16 1.17 -15.33	32.99 1.25 -3.94	30.34 1.07 -4.49	26.39 0.93 -2.67	24.14 0.82 -0.66
RUSSELL__1 23602	9.70 0.27 -1.53	9.71 0.30 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.77 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.43 0.29 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.23 0.49 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.51 -1.04	28.60 0.43 -1.52	28.72 0.53 -0.38	25.74 0.52 -0.44	23.50 0.46 -0.26	23.40 0.68 -0.06
RUSSELL__2 23532	9.70 0.27 -1.53	9.71 0.30 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.77 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.43 0.29 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.23 0.49 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.51 -1.04	28.60 0.43 -1.52	28.72 0.53 -0.38	25.74 0.52 -0.44	23.50 0.46 -0.26	23.40 0.68 -0.06
RUSSELL__3 23549	9.70 0.27 -1.53	9.71 0.30 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.77 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.43 0.29 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.23 0.49 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.51 -1.04	28.60 0.43 -1.52	28.72 0.53 -0.38	25.74 0.52 -0.44	23.50 0.46 -0.26	23.40 0.68 -0.06

RUSSELL___4 23556	9.70 0.27 -1.53	9.71 0.30 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.77 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.43 0.29 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.23 0.49 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.51 -1.04	28.60 0.43 -1.52	28.72 0.53 -0.38	25.74 0.52 -0.44	23.50 0.46 -0.26	23.40 0.68 -0.06
RUSSELL___STATION 23914	9.70 0.27 -1.53	9.71 0.30 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.77 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.43 0.29 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.23 0.49 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.51 -1.04	28.60 0.43 -1.52	28.72 0.53 -0.38	25.74 0.52 -0.44	23.50 0.46 -0.26	23.40 0.68 -0.06
S SALMON___HYD 24043	9.59 -0.11 -1.79	9.64 -0.13 -1.66	9.72 -0.12 -1.61	9.72 -0.13 -1.56	9.72 -0.13 -1.49	8.69 -0.11 -1.45	9.91 -0.12 -1.47	10.11 -0.12 -1.47	10.56 -0.14 -1.54	14.99 -0.24 -1.66	18.70 -0.31 -1.92	20.69 -0.38 -2.01	22.25 -0.46 -1.96	23.55 -0.46 -2.24	24.21 -0.47 -2.40	26.71 -0.54 -2.58	30.29 -0.52 -3.32	30.58 -0.41 -3.83	38.27 -0.38 -4.32	30.24 -0.24 -3.83	30.76 -0.25 -3.21	27.51 -0.20 -2.92	25.07 -0.27 -2.56	24.87 -0.20 -2.41
S.PERRY___115KV_TB1 80734	10.47 0.43 -2.13	10.36 0.45 -1.80	10.32 0.44 -1.66	10.29 0.46 -1.54	10.22 0.49 -1.37	9.30 0.43 -1.53	10.26 0.41 -1.29	10.30 0.31 -1.23	10.55 0.10 -1.29	14.29 0.12 -0.59	17.42 -0.02 -0.35	19.12 -0.06 -0.12	20.75 0.00 0.00	21.81 0.04 0.00	22.59 0.09 -0.22	24.94 0.17 -0.09	28.67 0.19 -0.98	29.71 0.46 -2.09	36.77 1.00 -1.45	29.87 1.09 -2.12	29.73 1.39 -0.54	26.58 1.19 -0.61	24.18 1.03 -0.36	23.93 1.18 -0.09
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.13 0.25 -1.98	10.09 0.30 -1.67	10.08 0.32 -1.54	10.09 0.37 -1.43	10.05 0.41 -1.27	9.13 0.36 -1.42	10.07 0.32 -1.19	10.08 0.18 -1.14	10.32 -0.04 -1.20	14.14 0.01 -0.54	17.22 -0.19 -0.33	18.87 -0.30 -0.11	20.58 -0.17 0.00	21.60 -0.17 0.00	22.18 -0.31 -0.21	24.49 -0.27 -0.09	27.80 -0.60 -0.91	28.47 -0.62 -1.94	34.78 -0.89 -1.34	28.04 -0.59 -1.97	27.83 -0.47 -0.50	25.10 -0.25 -0.57	22.94 -0.18 -0.34	22.86 0.11 -0.08
SAWYER___23_KV_LOAD 55526	10.13 0.25 -1.98	10.09 0.30 -1.67	10.08 0.32 -1.54	10.09 0.37 -1.43	10.05 0.41 -1.27	9.13 0.36 -1.42	10.07 0.32 -1.19	10.08 0.18 -1.14	10.32 -0.04 -1.20	14.14 0.01 -0.54	17.22 -0.19 -0.33	18.87 -0.30 -0.11	20.58 -0.17 0.00	21.60 -0.17 0.00	22.18 -0.31 -0.21	24.49 -0.27 -0.09	27.80 -0.60 -0.91	28.47 -0.62 -1.94	34.78 -0.89 -1.34	28.04 -0.59 -1.97	27.83 -0.47 -0.50	25.10 -0.25 -0.57	22.94 -0.18 -0.34	22.86 0.11 -0.08
SELKIRK___I 23801	22.78 0.18 -14.69	20.72 0.19 -12.42	19.86 0.19 -11.45	19.09 0.19 -10.60	18.05 0.22 -9.47	18.07 0.19 -10.53	17.64 0.21 -8.86	17.44 0.20 -8.47	18.27 0.21 -8.91	17.93 0.31 -4.04	19.88 0.36 -2.43	20.34 0.46 -0.82	21.35 0.60 0.00	22.43 0.65 0.00	24.49 0.67 -1.54	26.05 0.74 -0.64	35.13 0.85 -6.78	41.80 0.87 -13.77	44.80 1.13 -9.34	42.02 0.91 -14.45	32.47 0.97 -3.70	29.82 0.82 -4.22	26.02 0.73 -2.51	23.91 0.63 -0.62
SELKIRK___II 23799	22.87 0.11 -14.85	20.78 0.11 -12.55	19.93 0.12 -11.58	19.14 0.12 -10.72	18.07 0.13 -9.57	18.11 0.12 -10.65	17.66 0.14 -8.96	17.46 0.13 -8.57	18.31 0.15 -9.01	17.89 0.23 -4.09	19.80 0.26 -2.46	20.24 0.34 -0.83	21.20 0.46 0.00	22.27 0.50 0.00	24.36 0.51 -1.56	25.91 0.59 -0.65	34.99 0.63 -6.86	41.66 0.68 -13.83	44.53 0.86 -9.34	41.88 0.64 -14.59	32.24 0.70 -3.74	29.64 0.59 -4.27	25.85 0.52 -2.53	23.69 0.41 -0.63
SENECA OSWGO___HYD 24041	9.18 -0.02 -1.30	9.23 -0.03 -1.14	9.27 -0.03 -1.08	9.27 -0.04 -1.02	9.26 -0.04 -0.94	8.30 -0.04 -0.98	9.43 -0.03 -0.90	9.62 -0.03 -0.88	10.04 -0.05 -0.93	14.22 -0.07 -0.71	17.71 -0.09 -0.71	19.60 -0.11 -0.65	21.07 -0.21 -0.53	22.23 -0.22 -0.68	22.84 -0.24 -0.81	25.22 -0.27 -0.82	28.55 -0.30 -1.36	28.76 -0.30 -1.90	35.81 -0.34 -1.82	28.30 -0.27 -1.91	28.72 -0.25 -1.16	25.64 -0.25 -1.10	23.51 -0.18 -0.90	23.36 -0.07 -0.76
SENECA___115KV_TB3 355854	10.24 0.27 -2.06	10.16 0.30 -1.74	10.14 0.31 -1.61	10.15 0.37 -1.49	10.10 0.40 -1.33	9.18 0.35 -1.48	10.13 0.32 -1.25	10.14 0.18 -1.19	10.40 -0.01 -1.25	14.20 0.05 -0.57	17.29 -0.14 -0.34	18.95 -0.23 -0.12	20.83 0.08 0.00	21.86 0.09 0.00	22.27 -0.22 -0.22	24.64 -0.12 -0.09	28.01 -0.44 -0.95	28.77 -0.41 -2.03	35.12 -0.62 -1.40	28.34 -0.37 -2.06	28.07 -0.25 -0.52	25.25 -0.12 -0.59	23.05 -0.09 -0.35	22.93 0.18 -0.09
SENECA___ENERGY 23797	9.62 0.10 -1.61	9.57 0.09 -1.36	9.56 0.08 -1.26	9.54 0.08 -1.16	9.49 0.08 -1.04	8.59 0.08 -1.16	9.62 0.09 -0.97	9.78 0.09 -0.93	10.17 0.04 -0.98	14.09 0.07 -0.44	17.40 0.05 -0.27	19.21 0.06 -0.09	20.83 0.08 0.00	21.90 0.13 0.00	22.56 0.11 -0.17	24.92 0.17 -0.07	28.43 0.19 -0.75	28.98 0.24 -1.58	35.77 0.34 -1.10	28.53 0.27 -1.61	28.52 0.31 -0.41	25.44 0.20 -0.46	23.24 0.18 -0.28	23.02 0.29 -0.07
SHOEMAKER___GT 23640	19.30 0.23 -11.16	17.78 0.23 -9.43	17.15 0.23 -8.70	16.58 0.22 -8.06	15.75 0.19 -7.19	15.51 0.16 -8.00	15.50 0.21 -6.73	15.43 0.23 -6.44	16.19 0.27 -6.77	17.04 0.39 -3.07	19.45 0.51 -1.85	20.31 0.63 -0.63	21.54 0.79 0.00	22.55 0.78 0.00	24.30 0.85 -1.17	26.19 1.04 -0.49	33.75 1.10 -5.15	40.01 1.03 -11.83	44.06 1.30 -8.43	38.98 0.96 -11.36	31.53 0.92 -2.81	28.88 0.89 -3.21	25.47 0.78 -1.90	23.72 0.59 -0.47
SHOEMAKR_138KV_BK 111 55601	19.22 0.23 -11.09	17.72 0.24 -9.37	17.10 0.23 -8.64	16.52 0.22 -8.00	15.70 0.19 -7.14	15.46 0.16 -7.95	15.46 0.21 -6.69	15.39 0.24 -6.40	16.14 0.27 -6.72	17.04 0.41 -3.05	19.45 0.53 -1.84	20.33 0.65 -0.62	21.56 0.81 0.00	22.58 0.81 0.00	24.31 0.87 -1.17	26.19 1.04 -0.48	33.71 1.10 -5.12	39.93 1.03 -11.74	43.97 1.27 -8.37	38.90 0.96 -11.29	31.51 0.92 -2.79	28.86 0.89 -3.18	25.45 0.77 -1.89	23.72 0.59 -0.47
SHOREHAM_IC_1 23715	24.47 0.78 -15.78	19.25 0.80 -10.33	18.49 0.75 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.64 0.54 -8.76	16.64 0.71 -7.37	16.63 0.82 -7.05	17.77 0.92 -7.70	20.71 1.40 -5.73	23.96 1.68 -5.20	28.17 2.02 -7.09	31.75 2.28 -8.72	39.97 2.31 -15.90	41.67 2.39 -17.00	60.86 2.84 -33.36	86.34 3.02 -55.82	127.42 2.93 -97.33	125.02 3.64 -87.05	91.00 2.77 -61.57	49.88 2.86 -19.21	45.81 2.60 -18.43	33.42 2.37 -8.26	30.96 2.15 -6.15
SHOREHAM_IC_2 23716	24.47 0.78 -15.78	19.25 0.80 -10.33	18.49 0.75 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.64 0.54 -8.76	16.64 0.71 -7.37	16.63 0.82 -7.05	17.77 0.92 -7.70	20.71 1.40 -5.73	23.96 1.68 -5.20	28.17 2.02 -7.09	31.75 2.28 -8.72	39.97 2.31 -15.90	41.67 2.39 -17.00	60.86 2.84 -33.36	86.34 3.02 -55.82	127.42 2.93 -97.33	125.02 3.64 -87.05	91.00 2.77 -61.57	49.88 2.86 -19.21	45.81 2.60 -18.43	33.42 2.37 -8.26	30.96 2.15 -6.15

SISSONVILLE____ 23735	0.10 -1.43 6.38	0.10 -1.49 6.53	0.10 -1.45 6.68	0.10 -1.48 6.71	0.10 -1.51 6.76	0.10 -1.32 5.93	0.10 -1.51 6.96	0.10 -1.53 7.13	0.10 -1.57 7.49	0.10 -2.46 11.02	0.10 -3.02 13.96	0.10 -3.41 15.55	0.10 -3.76 16.89	0.10 -3.90 17.77	0.10 -3.90 18.28	0.15 -4.37 20.16	0.10 -4.62 22.78	0.10 -4.34 22.71	0.10 -5.22 29.01	0.10 -3.97 22.58	0.10 -4.14 23.56	0.10 -3.69 20.99	0.12 -3.67 19.00	0.10 -3.69 18.87
SITHE_IND_GS1 24169	8.57 -0.13 -0.79	8.65 -0.13 -0.67	8.71 -0.13 -0.62	8.73 -0.13 -0.57	8.74 -0.13 -0.51	7.80 -0.12 -0.57	8.90 -0.14 -0.48	9.08 -0.14 -0.46	9.46 -0.17 -0.48	13.55 -0.24 -0.22	16.89 -0.33 -0.13	18.70 -0.40 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.74 -0.62 -0.08	23.99 -0.72 -0.03	27.09 -0.77 -0.37	27.17 -0.76 -0.78	33.87 -1.00 -0.54	26.70 -0.75 -0.79	27.22 -0.78 -0.20	24.32 -0.69 -0.23	22.35 -0.57 -0.13	22.28 -0.41 -0.03
SITHE_IND_GS2 24170	8.57 -0.13 -0.79	8.65 -0.13 -0.67	8.71 -0.13 -0.62	8.73 -0.13 -0.57	8.74 -0.13 -0.51	7.80 -0.12 -0.57	8.90 -0.14 -0.48	9.08 -0.14 -0.46	9.46 -0.17 -0.48	13.55 -0.24 -0.22	16.89 -0.33 -0.13	18.70 -0.40 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.74 -0.62 -0.08	23.99 -0.72 -0.03	27.09 -0.77 -0.37	27.17 -0.76 -0.78	33.87 -1.00 -0.54	26.70 -0.75 -0.79	27.22 -0.78 -0.20	24.32 -0.69 -0.23	22.35 -0.57 -0.13	22.28 -0.41 -0.03
SITHE_IND_GS3 24171	8.57 -0.13 -0.79	8.65 -0.13 -0.67	8.71 -0.13 -0.62	8.73 -0.13 -0.57	8.74 -0.13 -0.51	7.80 -0.12 -0.57	8.90 -0.14 -0.48	9.08 -0.14 -0.46	9.46 -0.17 -0.48	13.55 -0.24 -0.22	16.89 -0.33 -0.13	18.70 -0.40 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.74 -0.62 -0.08	23.99 -0.72 -0.03	27.09 -0.77 -0.37	27.17 -0.76 -0.78	33.87 -1.00 -0.54	26.70 -0.75 -0.79	27.22 -0.78 -0.20	24.32 -0.69 -0.23	22.35 -0.57 -0.13	22.28 -0.41 -0.03
SITHE_IND_GS4 24172	8.57 -0.13 -0.79	8.65 -0.13 -0.67	8.71 -0.13 -0.62	8.73 -0.13 -0.57	8.74 -0.13 -0.51	7.80 -0.12 -0.57	8.90 -0.14 -0.48	9.08 -0.14 -0.46	9.46 -0.17 -0.48	13.55 -0.24 -0.22	16.89 -0.33 -0.13	18.70 -0.40 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.74 -0.62 -0.08	23.99 -0.72 -0.03	27.09 -0.77 -0.37	27.17 -0.76 -0.78	33.87 -1.00 -0.54	26.70 -0.75 -0.79	27.22 -0.78 -0.20	24.32 -0.69 -0.23	22.35 -0.57 -0.13	22.28 -0.41 -0.03
SITHE____BATAVIA 24024	10.03 0.36 -1.76	10.04 0.44 -1.48	10.03 0.44 -1.37	10.05 0.49 -1.27	10.05 0.55 -1.13	9.09 0.48 -1.26	10.06 0.44 -1.06	10.09 0.31 -1.01	10.34 0.12 -1.06	14.33 0.27 -0.48	17.51 0.14 -0.29	19.27 0.12 -0.10	20.93 0.19 0.00	21.99 0.22 0.00	22.69 0.22 -0.18	25.07 0.32 -0.08	28.50 0.19 -0.81	29.10 0.22 -1.72	35.80 0.27 -1.19	28.73 0.32 -1.75	28.75 0.50 -0.44	25.81 0.52 -0.50	23.57 0.48 -0.30	23.48 0.75 -0.07
SITHE____INDEPEND 23800	8.57 -0.13 -0.79	8.65 -0.13 -0.67	8.71 -0.13 -0.62	8.73 -0.13 -0.57	8.74 -0.13 -0.51	7.80 -0.12 -0.57	8.90 -0.14 -0.48	9.08 -0.14 -0.46	9.46 -0.17 -0.48	13.55 -0.24 -0.22	16.89 -0.32 -0.13	18.71 -0.40 -0.04	20.21 -0.54 0.00	21.21 -0.57 0.00	21.74 -0.62 -0.08	24.02 -0.69 -0.03	27.09 -0.77 -0.37	27.17 -0.76 -0.78	33.87 -1.00 -0.54	26.70 -0.75 -0.79	27.22 -0.78 -0.20	24.32 -0.69 -0.23	22.35 -0.57 -0.13	22.28 -0.41 -0.03
SITHE____MASSENA 23902	0.47 -1.48 5.96	0.46 -1.53 6.12	0.46 -1.51 6.25	0.46 -1.54 6.30	0.45 -1.56 6.35	0.49 -1.37 5.49	0.44 -1.58 6.54	0.91 -1.59 6.26	0.89 -1.63 6.63	1.02 -2.53 10.03	0.91 -3.13 13.05	2.36 -3.51 13.19	2.37 -3.86 14.51	2.27 -4.01 15.49	2.25 -4.03 16.00	1.19 -4.54 18.94	1.26 -4.81 21.42	4.61 -4.56 17.98	3.87 -5.59 24.87	3.14 -4.24 19.28	0.62 -4.48 22.71	0.66 -3.99 20.13	0.72 -3.90 18.17	0.72 -3.92 18.02
SITHE____OGDNSBRG 24021	0.74 -1.42 5.74	0.76 -1.48 5.88	0.75 -1.46 6.01	0.76 -1.49 6.05	0.76 -1.51 6.09	0.69 -1.32 5.35	0.78 -1.52 6.27	0.80 -1.53 6.43	0.85 -1.56 6.75	1.17 -2.47 9.94	1.45 -3.04 12.60	1.60 -3.43 14.03	1.60 -3.78 15.37	1.86 -3.88 16.04	1.91 -3.88 16.50	2.14 -4.34 18.19	2.44 -4.51 20.55	2.47 -4.21 20.48	3.15 -5.01 26.17	2.56 -3.73 20.37	2.63 -3.92 21.26	2.30 -3.54 18.94	2.05 -3.60 17.14	1.99 -3.65 17.02
SITHE____STERLING 23777	9.14 0.10 -1.13	9.23 0.09 -1.02	9.30 0.10 -0.98	9.31 0.08 -0.94	9.33 0.08 -0.88	8.33 0.09 -0.89	9.52 0.10 -0.86	9.72 0.11 -0.84	10.17 0.13 -0.89	14.51 0.11 -0.82	18.16 0.17 -0.90	20.11 0.15 -0.90	21.72 0.21 -0.77	23.03 0.28 -0.98	23.68 0.31 -1.09	26.16 0.35 -1.15	29.66 0.55 -1.62	29.83 0.65 -2.02	37.39 0.93 -2.13	29.46 0.77 -2.03	30.11 0.81 -1.50	26.81 0.64 -1.38	24.40 0.43 -1.18	24.19 0.45 -1.07
SLEIGHT__34_KV_TB1 80719	9.69 0.27 -1.51	9.65 0.25 -1.28	9.65 0.25 -1.18	9.63 0.24 -1.09	9.58 0.24 -0.97	8.65 0.21 -1.08	9.73 0.26 -0.91	9.94 0.31 -0.87	10.37 0.29 -0.92	14.44 0.45 -0.42	17.90 0.56 -0.25	19.79 0.65 -0.08	21.41 0.66 0.00	22.53 0.76 0.00	23.26 0.82 -0.16	25.65 0.91 -0.07	29.24 1.04 -0.70	29.73 1.09 -1.49	36.80 1.44 -1.03	29.18 1.01 -1.51	29.30 1.11 -0.38	26.11 0.89 -0.43	23.82 0.77 -0.26	23.63 0.91 -0.06
SOUTH CAIRO____GT 23612	22.31 0.25 -14.15	20.31 0.23 -11.96	19.48 0.22 -11.03	18.72 0.21 -10.22	17.69 0.21 -9.12	17.69 0.19 -10.15	17.29 0.19 -8.54	17.08 0.16 -8.17	17.90 0.16 -8.58	17.72 0.24 -3.89	19.67 0.24 -2.34	20.27 0.42 -0.79	21.41 0.66 0.00	22.56 0.78 0.00	24.53 0.76 -1.49	26.35 1.06 -0.62	35.32 1.29 -6.54	42.32 1.71 -13.46	45.95 2.44 -9.18	42.37 1.73 -13.98	33.15 1.78 -3.56	30.26 1.41 -4.07	26.36 1.16 -2.41	24.28 1.02 -0.60
SOUTH HAMPTN____IC 23720	24.62 0.93 -15.78	19.39 0.95 -10.33	18.63 0.89 -9.52	17.96 0.85 -8.82	16.99 0.75 -7.87	16.77 0.66 -8.76	16.78 0.85 -7.37	16.78 0.97 -7.05	17.94 1.09 -7.70	20.99 1.68 -5.73	24.32 2.03 -5.20	28.64 2.50 -7.09	32.19 2.82 -8.62	40.31 2.92 -15.63	41.97 3.01 -16.69	60.61 3.55 -32.38	85.10 3.82 -53.79	124.80 3.72 -93.92	122.83 4.60 -83.90	89.73 3.49 -59.59	50.27 3.59 -18.88	46.19 3.22 -18.18	33.94 2.89 -8.26	31.43 2.63 -6.15
SOUTHDOW_115KV_TB1 355954	10.57 0.47 -2.20	10.36 0.39 -1.86	10.31 0.37 -1.71	10.31 0.42 -1.59	10.22 0.44 -1.42	9.30 0.37 -1.58	10.29 0.40 -1.33	10.33 0.30 -1.27	10.63 0.15 -1.33	14.51 0.33 -0.60	17.71 0.26 -0.36	19.37 0.19 -0.12	21.45 0.71 0.00	22.51 0.74 0.00	22.80 0.29 -0.23	25.31 0.54 -0.10	28.78 0.27 -1.01	29.77 0.46 -2.16	36.30 0.48 -1.49	29.35 0.51 -2.19	29.00 0.64 -0.55	26.01 0.59 -0.63	23.71 0.55 -0.37	23.48 0.73 -0.09
SOUTHOLD_69_KV_BK 2 55809	24.81 1.12 -15.78	19.59 1.14 -10.33	18.82 1.08 -9.52	18.14 1.03 -8.82	17.16 0.93 -7.87	16.92 0.82 -8.76	16.96 1.03 -7.37	16.97 1.17 -7.05	18.17 1.32 -7.70	21.35 2.04 -5.73	24.76 2.48 -5.20	29.22 3.07 -7.09	32.88 3.51 -8.62	41.06 3.66 -15.63	42.74 3.77 -16.69	61.51 4.44 -32.39	86.14 4.84 -53.81	125.81 4.70 -93.96	124.09 5.84 -83.93	90.66 4.40 -59.61	51.19 4.50 -18.89	46.96 3.99 -18.19	34.60 3.55 -8.26	32.07 3.26 -6.15

SOUTHOLD___IC 23719	24.81 1.12 -15.78	19.58 1.14 -10.33	18.82 1.08 -9.52	18.14 1.03 -8.82	17.16 0.93 -7.87	16.92 0.82 -8.76	16.96 1.03 -7.37	16.97 1.17 -7.05	18.17 1.32 -7.70	21.35 2.04 -5.73	24.76 2.48 -5.20	29.23 3.09 -7.09	32.85 3.48 -8.62	41.06 3.66 -15.63	42.74 3.77 -16.69	61.53 4.47 -32.39	86.15 4.84 -53.81	125.81 4.70 -93.96	124.10 5.84 -83.93	90.66 4.40 -59.61	51.19 4.50 -18.89	46.96 3.99 -18.19	34.60 3.55 -8.26	32.07 3.26 -6.15
SPIERFLS_115KV_TB 1 80737	23.82 0.45 -15.47	21.64 0.45 -13.07	20.72 0.44 -12.06	19.89 0.43 -11.17	18.78 0.45 -9.97	18.85 0.41 -11.09	18.35 0.45 -9.33	18.14 0.46 -8.92	19.03 0.49 -9.38	18.59 0.76 -4.25	20.35 0.70 -2.56	20.84 0.91 -0.87	21.93 1.18 0.00	23.10 1.33 0.00	25.20 1.29 -1.63	26.75 1.41 -0.67	36.65 2.01 -7.14	43.40 2.15 -14.10	46.76 2.99 -9.44	44.22 2.45 -15.11	34.34 2.64 -3.89	31.31 2.08 -4.44	27.20 1.78 -2.64	24.94 1.63 -0.65
ST LAWRENCE___ 23600	0.75 -1.53 5.62	0.75 -1.59 5.78	0.75 -1.57 5.90	0.75 -1.60 5.94	0.75 -1.62 5.99	0.75 -1.42 5.18	0.75 -1.64 6.18	1.20 -1.67 5.89	1.21 -1.70 6.24	1.50 -2.62 9.46	1.50 -3.26 12.32	3.00 -3.68 12.38	3.00 -4.05 13.70	3.00 -4.20 14.57	3.00 -4.23 15.05	2.02 -4.76 17.89	2.20 -5.06 20.24	5.50 -4.86 16.79	5.00 -5.97 23.36	4.00 -4.56 18.10	1.57 -4.75 21.48	1.51 -4.24 19.04	1.50 -4.10 17.18	1.50 -4.12 17.04
STATE_CA_115KV_115_LB 55624	23.11 0.11 -15.09	20.98 0.11 -12.75	20.11 0.12 -11.76	19.31 0.12 -10.89	18.23 0.14 -9.72	18.29 0.12 -10.82	17.81 0.15 -9.10	17.61 0.14 -8.71	18.47 0.16 -9.15	17.99 0.26 -4.15	19.86 0.27 -2.50	20.27 0.36 -0.85	21.27 0.52 0.00	22.36 0.59 0.00	24.47 0.60 -1.59	25.97 0.64 -0.66	35.21 0.74 -6.97	41.73 0.79 -13.79	44.57 1.00 -9.24	42.20 0.80 -14.75	32.46 0.86 -3.80	29.81 0.69 -4.33	25.98 0.62 -2.57	23.77 0.48 -0.64
STATE_ST_34_KV_LOAD 55959	9.64 0.14 -1.59	9.59 0.13 -1.35	9.59 0.12 -1.24	9.56 0.12 -1.15	9.51 0.12 -1.03	8.60 0.11 -1.14	9.65 0.13 -0.96	9.85 0.17 -0.92	10.28 0.16 -0.97	14.25 0.23 -0.44	17.66 0.31 -0.26	19.47 0.32 -0.09	21.08 0.33 0.00	22.19 0.41 0.00	22.85 0.40 -0.17	25.16 0.42 -0.07	28.75 0.52 -0.74	29.29 0.57 -1.57	36.17 0.76 -1.08	28.80 0.56 -1.59	28.82 0.61 -0.40	25.71 0.47 -0.46	23.47 0.41 -0.27	23.22 0.50 -0.07
STATION 5_MISC_HYD 23604	9.67 0.24 -1.53	9.68 0.28 -1.29	9.68 0.27 -1.19	9.68 0.28 -1.10	9.66 0.31 -0.98	8.71 0.27 -1.09	9.74 0.26 -0.92	9.85 0.21 -0.88	10.18 0.10 -0.92	14.23 0.23 -0.42	17.53 0.19 -0.25	19.32 0.17 -0.09	20.85 0.10 0.00	21.90 0.13 0.00	22.71 0.27 -0.16	24.93 0.20 -0.07	28.45 0.25 -0.70	28.90 0.24 -1.50	35.64 0.27 -1.04	28.41 0.24 -1.52	28.52 0.33 -0.38	25.59 0.37 -0.44	23.39 0.34 -0.26	23.27 0.54 -0.06
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	9.63 0.20 -1.53	9.62 0.21 -1.29	9.62 0.21 -1.19	9.61 0.22 -1.10	9.57 0.23 -0.98	8.65 0.21 -1.09	9.69 0.21 -0.92	9.84 0.19 -0.88	10.21 0.13 -0.93	14.24 0.24 -0.42	17.58 0.24 -0.25	19.41 0.27 -0.09	21.00 0.25 0.00	22.08 0.30 0.00	22.82 0.38 -0.16	25.18 0.44 -0.07	28.67 0.47 -0.71	29.14 0.49 -1.50	35.95 0.58 -1.04	28.66 0.48 -1.52	28.74 0.56 -0.38	25.69 0.47 -0.44	23.46 0.41 -0.26	23.29 0.57 -0.06
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.59 0.17 -1.51	9.60 0.20 -1.28	9.60 0.20 -1.18	9.60 0.22 -1.09	9.57 0.23 -0.97	8.64 0.21 -1.08	9.66 0.19 -0.91	9.78 0.15 -0.87	10.12 0.05 -0.92	14.14 0.15 -0.42	17.44 0.10 -0.25	19.24 0.10 -0.08	20.75 0.00 0.00	21.81 0.04 0.00	22.62 0.18 -0.16	24.96 0.22 -0.07	28.36 0.16 -0.70	28.78 0.14 -1.49	35.50 0.14 -1.03	28.30 0.13 -1.51	28.38 0.19 -0.38	25.44 0.22 -0.43	23.25 0.21 -0.26	23.13 0.41 -0.06
STA_56___34_KV_BUS2 355983	9.59 0.17 -1.51	9.60 0.20 -1.28	9.60 0.20 -1.18	9.60 0.22 -1.09	9.57 0.23 -0.97	8.64 0.21 -1.08	9.66 0.19 -0.91	9.78 0.15 -0.87	10.12 0.05 -0.92	14.14 0.15 -0.42	17.44 0.10 -0.25	19.24 0.10 -0.08	20.75 0.00 0.00	21.81 0.04 0.00	22.62 0.18 -0.16	24.96 0.22 -0.07	28.36 0.16 -0.70	28.78 0.14 -1.49	35.50 0.14 -1.03	28.30 0.13 -1.51	28.38 0.19 -0.38	25.44 0.22 -0.43	23.25 0.21 -0.26	23.13 0.41 -0.06
STA_67___115KV_BK2 355882	9.65 0.22 -1.52	9.66 0.25 -1.29	9.66 0.25 -1.19	9.67 0.27 -1.10	9.64 0.29 -0.98	8.71 0.26 -1.09	9.73 0.25 -0.92	9.83 0.19 -0.88	10.16 0.08 -0.92	14.19 0.19 -0.42	17.47 0.14 -0.25	19.28 0.13 -0.09	20.79 0.04 0.00	21.84 0.07 0.00	22.64 0.20 -0.16	24.99 0.25 -0.07	28.36 0.16 -0.70	28.79 0.14 -1.50	35.50 0.14 -1.04	28.33 0.16 -1.52	28.44 0.25 -0.38	25.52 0.30 -0.44	23.32 0.27 -0.26	23.22 0.50 -0.06
STA_7___115KV_9TRANS 80674	9.70 0.27 -1.53	9.71 0.30 -1.29	9.71 0.30 -1.19	9.71 0.32 -1.10	9.69 0.34 -0.98	8.74 0.30 -1.09	9.77 0.29 -0.92	9.88 0.24 -0.88	10.22 0.14 -0.92	14.30 0.30 -0.42	17.61 0.27 -0.25	19.43 0.29 -0.09	20.98 0.23 0.00	22.05 0.28 0.00	22.86 0.42 -0.16	25.23 0.49 -0.07	28.64 0.44 -0.70	29.09 0.43 -1.50	35.88 0.51 -1.04	28.60 0.43 -1.52	28.72 0.53 -0.38	25.74 0.52 -0.44	23.50 0.46 -0.26	23.40 0.68 -0.06
STA_82___115KV_TB1 80780	9.66 0.22 -1.53	9.67 0.26 -1.30	9.67 0.25 -1.19	9.68 0.27 -1.11	9.65 0.30 -0.99	8.71 0.26 -1.10	9.74 0.25 -0.92	9.84 0.19 -0.88	10.17 0.08 -0.93	14.20 0.20 -0.42	17.49 0.15 -0.25	19.30 0.15 -0.09	20.81 0.06 0.00	21.86 0.09 0.00	22.66 0.22 -0.16	25.01 0.27 -0.07	28.40 0.19 -0.71	28.82 0.16 -1.50	35.54 0.17 -1.04	28.34 0.16 -1.53	28.44 0.25 -0.39	25.52 0.30 -0.44	23.32 0.27 -0.26	23.22 0.50 -0.06
STEEL___WIND 323596	10.23 0.26 -2.06	10.16 0.30 -1.74	10.14 0.30 -1.61	10.14 0.36 -1.49	10.09 0.39 -1.33	9.17 0.35 -1.48	10.13 0.32 -1.25	10.14 0.18 -1.19	10.39 -0.02 -1.25	14.19 0.04 -0.57	17.27 -0.15 -0.34	18.97 -0.21 -0.12	20.81 0.06 0.00	21.84 0.07 0.00	22.25 -0.24 -0.22	24.91 0.15 -0.09	27.98 -0.47 -0.95	28.75 -0.44 -2.03	35.08 -0.65 -1.40	28.31 -0.40 -2.06	28.05 -0.28 -0.52	25.23 -0.15 -0.59	23.05 -0.09 -0.35	22.91 0.16 -0.09
STEPHTWN_115KV_BK_2 55603	22.98 0.15 -14.92	20.88 0.15 -12.61	20.01 0.16 -11.63	19.22 0.15 -10.77	18.15 0.17 -9.62	18.20 0.15 -10.70	17.75 0.18 -9.00	17.55 0.18 -8.61	18.41 0.20 -9.05	18.00 0.31 -4.10	19.90 0.34 -2.47	20.35 0.46 -0.84	21.37 0.62 0.00	22.47 0.70 0.00	24.56 0.71 -1.57	26.09 0.76 -0.65	35.32 0.93 -6.89	41.78 0.98 -13.65	44.75 1.27 -9.15	42.26 1.01 -14.59	32.64 1.08 -3.76	29.94 0.87 -4.29	26.06 0.73 -2.55	23.90 0.61 -0.63
STEUBEN_REC_LFGE 323667	10.89 0.32 -2.67	10.68 0.31 -2.25	10.60 0.30 -2.08	10.54 0.32 -1.92	10.42 0.34 -1.72	9.56 0.30 -1.91	10.48 0.31 -1.61	10.57 0.27 -1.54	10.94 0.16 -1.62	14.57 0.26 -0.73	17.73 0.21 -0.44	19.44 0.23 -0.15	21.31 0.56 0.00	22.38 0.61 0.00	22.94 0.38 -0.28	25.33 0.54 -0.12	29.22 0.49 -1.23	30.37 0.60 -2.62	36.97 0.82 -1.81	30.01 0.69 -2.66	29.34 0.86 -0.67	26.19 0.64 -0.77	23.77 0.52 -0.45	23.38 0.61 -0.11

STONY___BROOK 24151	24.40 0.71 -15.78	19.17 0.73 -10.33	18.43 0.68 -9.52	17.75 0.64 -8.82	16.79 0.55 -7.87	16.58 0.48 -8.76	16.58 0.64 -7.37	16.57 0.76 -7.05	17.71 0.85 -7.70	20.61 1.30 -5.73	23.86 1.57 -5.20	28.04 1.89 -7.09	32.27 2.16 -9.37	41.61 2.13 -17.71	43.58 2.18 -19.12	67.04 2.47 -39.91	99.54 2.58 -69.47	149.87 2.44 -120.27	145.59 3.02 -108.24	103.89 2.26 -74.97	51.15 2.31 -21.04	46.74 2.18 -19.77	33.23 2.14 -8.30	30.73 1.92 -6.15
STURGEON_POOL_HYD 23609	20.65 0.24 -12.50	18.93 0.24 -10.57	18.21 0.24 -9.75	17.56 0.23 -9.03	16.60 0.18 -8.06	16.46 0.15 -8.97	16.30 0.19 -7.55	16.20 0.23 -7.21	17.01 0.27 -7.58	17.43 0.41 -3.44	19.72 0.56 -2.07	20.45 0.69 -0.70	21.70 0.95 0.00	22.69 0.91 0.00	24.55 0.96 -1.32	26.38 1.16 -0.54	34.51 1.24 -5.77	41.23 1.36 -12.72	44.94 1.68 -8.92	40.23 0.99 -12.58	31.81 0.86 -3.15	29.29 0.92 -3.59	25.72 0.80 -2.13	23.75 0.57 -0.53
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.58 0.26 -11.41	18.03 0.27 -9.65	17.37 0.25 -8.90	16.79 0.26 -8.24	15.94 0.22 -7.35	15.71 0.18 -8.18	15.69 0.24 -6.89	15.62 0.27 -6.58	16.39 0.31 -6.92	17.19 0.48 -3.14	19.59 0.62 -1.89	20.44 0.74 -0.64	21.68 0.93 0.00	22.71 0.94 0.00	24.48 1.00 -1.20	26.35 1.18 -0.50	34.03 1.26 -5.27	40.46 1.19 -12.11	44.41 1.44 -8.63	39.35 1.07 -11.62	31.68 1.00 -2.87	29.05 0.99 -3.28	25.60 0.87 -1.95	23.80 0.66 -0.48
SWANROAD_115KV_TB1 355699	9.93 0.13 -1.90	9.92 0.20 -1.60	9.96 0.26 -1.48	9.99 0.32 -1.37	9.99 0.40 -1.22	9.06 0.35 -1.36	9.95 0.24 -1.15	9.91 0.05 -1.09	10.13 -0.17 -1.15	13.91 -0.19 -0.52	16.94 -0.46 -0.31	18.56 -0.61 -0.11	20.17 -0.58 0.00	21.14 -0.63 0.00	21.79 -0.69 -0.20	24.06 -0.69 -0.08	27.30 -1.07 -0.88	27.85 -1.17 -1.86	34.01 -1.61 -1.29	27.43 -1.12 -1.89	27.31 -0.97 -0.48	24.66 -0.67 -0.55	22.54 -0.57 -0.32	22.53 -0.20 -0.08
SYNERGY___BIOGAS 323694	10.03 0.36 -1.76	10.04 0.44 -1.48	10.03 0.44 -1.37	10.05 0.49 -1.27	10.05 0.55 -1.13	9.09 0.48 -1.26	10.06 0.44 -1.06	10.09 0.31 -1.01	10.34 0.12 -1.06	14.33 0.27 -0.48	17.51 0.14 -0.29	19.27 0.12 -0.10	20.93 0.19 0.00	21.99 0.22 0.00	22.69 0.22 -0.18	25.07 0.32 -0.08	28.50 0.19 -0.81	29.10 0.22 -1.72	35.80 0.27 -1.19	28.73 0.32 -1.75	28.75 0.50 -0.44	25.81 0.52 -0.50	23.57 0.48 -0.30	23.48 0.75 -0.07
SYRACUSE___ENERGY_ST1 323597	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
SYRACUSE___ENERGY_ST2 323598	9.27 0.07 -1.29	9.27 0.06 -1.09	9.29 0.06 -1.01	9.28 0.05 -0.93	9.25 0.05 -0.83	8.32 0.04 -0.93	9.40 0.06 -0.78	9.60 0.09 -0.75	10.01 0.07 -0.78	14.03 0.10 -0.36	17.44 0.14 -0.21	19.27 0.13 -0.07	20.85 0.10 0.00	21.90 0.13 0.00	22.53 0.11 -0.14	24.85 0.12 -0.06	28.23 0.14 -0.60	28.56 0.14 -1.27	35.42 0.21 -0.88	28.05 0.11 -1.29	28.27 0.14 -0.33	25.23 0.07 -0.37	23.12 0.11 -0.22	22.94 0.23 -0.05
SYRACUSE___POWER 24017	9.44 0.04 -1.50	9.44 0.03 -1.29	9.46 0.03 -1.21	9.45 0.02 -1.13	9.41 0.03 -1.03	8.47 0.02 -1.10	9.57 0.03 -0.97	9.76 0.05 -0.94	10.17 0.03 -0.99	14.24 0.04 -0.62	17.68 0.05 -0.54	19.55 0.06 -0.43	21.14 0.02 -0.37	22.22 0.04 -0.41	22.86 0.02 -0.56	25.19 0.00 -0.52	28.64 0.00 -1.14	29.00 0.00 -1.85	35.95 0.03 -1.58	28.52 0.00 -1.86	28.71 0.03 -0.88	25.65 0.00 -0.87	23.50 0.05 -0.66	23.28 0.14 -0.49
TALLMAN___138KV_BK151 55660	19.92 0.29 -11.72	18.34 0.32 -9.90	17.66 0.30 -9.14	17.05 0.30 -8.46	16.17 0.26 -7.55	15.97 0.22 -8.40	15.92 0.28 -7.07	15.85 0.32 -6.76	16.64 0.38 -7.11	17.37 0.57 -3.22	19.76 0.73 -1.94	20.61 0.90 -0.66	21.85 1.10 0.00	22.86 1.09 0.00	24.67 1.16 -1.23	26.54 1.36 -0.51	34.34 1.43 -5.41	40.95 1.33 -12.47	44.81 1.58 -8.90	39.77 1.17 -11.95	31.87 1.11 -2.95	29.24 1.09 -3.37	25.74 0.96 -2.00	23.88 0.73 -0.50
TEALLAVE_115KV_TB7 355573	9.27 0.03 -1.33	9.30 0.02 -1.16	9.33 0.02 -1.09	9.34 0.02 -1.03	9.32 0.02 -0.94	8.36 0.01 -1.00	9.48 0.02 -0.90	9.67 0.04 -0.87	10.08 0.01 -0.92	14.24 0.01 -0.65	17.71 0.02 -0.61	19.62 0.02 -0.53	21.13 -0.04 -0.42	22.29 -0.02 -0.54	22.91 -0.04 -0.67	25.26 -0.07 -0.66	28.60 -0.11 -1.22	28.85 -0.11 -1.81	35.85 -0.14 -1.65	28.34 -0.13 -1.82	28.69 -0.11 -1.00	25.65 -0.10 -0.96	23.53 -0.02 -0.77	23.37 0.09 -0.62
TELGRAPH_34_KV_EAST 80808	10.00 0.28 -1.81	9.99 0.35 -1.53	10.01 0.38 -1.41	10.03 0.43 -1.31	10.02 0.49 -1.17	9.09 0.44 -1.30	10.02 0.37 -1.09	10.03 0.23 -1.04	10.27 0.02 -1.10	14.19 0.11 -0.50	17.32 -0.07 -0.30	19.03 -0.13 -0.10	20.66 -0.08 0.00	21.71 -0.07 0.00	22.36 -0.11 -0.19	24.73 -0.02 -0.08	28.06 -0.27 -0.84	28.63 -0.30 -1.78	35.11 -0.45 -1.23	28.19 -0.27 -1.80	28.15 -0.11 -0.46	25.35 0.05 -0.52	23.16 0.07 -0.31	23.12 0.39 -0.08
TEMPLE___115KV_TB 2 55572	9.28 0.03 -1.34	9.31 0.02 -1.17	9.35 0.02 -1.10	9.35 0.02 -1.03	9.33 0.03 -0.94	8.37 0.02 -1.00	9.49 0.03 -0.90	9.68 0.04 -0.88	10.10 0.02 -0.92	14.25 0.03 -0.64	17.72 0.03 -0.60	19.62 0.04 -0.52	21.14 -0.02 -0.41	22.30 0.00 -0.53	22.92 -0.02 -0.66	25.27 -0.05 -0.65	28.62 -0.08 -1.21	28.88 -0.08 -1.81	35.87 -0.10 -1.64	28.37 -0.11 -1.82	28.71 -0.08 -0.99	25.66 -0.07 -0.95	23.52 -0.02 -0.76	23.36 0.09 -0.61
TIANA___69_KV_BK 1 55817	24.57 0.89 -15.78	19.35 0.91 -10.33	18.59 0.85 -9.52	17.91 0.80 -8.82	16.95 0.71 -7.87	16.72 0.62 -8.76	16.74 0.80 -7.37	16.74 0.93 -7.05	17.89 1.03 -7.70	20.91 1.60 -5.73	24.22 1.93 -5.20	28.49 2.34 -7.09	32.05 2.68 -8.62	40.14 2.74 -15.63	41.78 2.81 -16.69	60.37 3.31 -32.39	84.88 3.57 -53.81	124.58 3.48 -93.95	122.58 4.33 -83.92	89.51 3.25 -59.60	50.05 3.36 -18.88	45.99 3.02 -18.19	33.78 2.73 -8.26	31.27 2.47 -6.15
TILDEN___115KV_TB1 80814	9.44 0.04 -1.50	9.44 0.03 -1.29	9.46 0.03 -1.21	9.45 0.02 -1.13	9.41 0.03 -1.03	8.47 0.02 -1.10	9.57 0.03 -0.97	9.76 0.05 -0.94	10.17 0.03 -0.99	14.24 0.04 -0.62	17.68 0.05 -0.54	19.55 0.06 -0.43	21.14 0.02 -0.37	22.22 0.04 -0.41	22.86 0.02 -0.56	25.19 0.00 -0.52	28.64 0.00 -1.14	29.00 0.00 -1.85	35.95 0.03 -1.58	28.52 0.00 -1.86	28.71 0.03 -0.88	25.65 0.00 -0.87	23.50 0.05 -0.66	23.28 0.14 -0.49
TRIGEN___CC 323695	24.17 0.49 -15.78	18.95 0.51 -10.33	18.21 0.47 -9.52	17.56 0.45 -8.82	16.61 0.38 -7.87	16.43 0.32 -8.76	16.40 0.46 -7.37	16.37 0.56 -7.05	17.46 0.60 -7.70	20.23 0.92 -5.73	23.41 1.13 -5.20	27.46 1.32 -7.08	28.66 1.58 -6.34	32.62 1.57 -9.28	33.21 1.65 -9.28	35.95 1.92 -9.35	35.42 2.03 -5.89	42.42 1.93 -13.33	46.03 2.37 -9.33	40.88 1.76 -12.47	34.79 1.72 -5.26	34.58 1.66 -8.13	32.40 1.55 -8.06	30.14 1.34 -6.15

TRINITY__115KV__4 BK 55933	22.94 0.08 -14.96	20.83 0.07 -12.64	19.97 0.09 -11.66	19.19 0.09 -10.80	18.11 0.11 -9.64	18.17 0.10 -10.72	17.70 0.11 -9.02	17.49 0.10 -8.63	18.34 0.12 -9.07	17.88 0.19 -4.11	19.75 0.19 -2.48	20.17 0.27 -0.84	21.14 0.39 0.00	22.21 0.44 0.00	24.32 0.47 -1.57	25.82 0.49 -0.65	34.98 0.58 -6.91	41.45 0.62 -13.68	44.29 0.79 -9.17	41.89 0.61 -14.62	32.24 0.67 -3.76	29.62 0.55 -4.30	25.82 0.48 -2.55	23.63 0.34 -0.63
UNION__PROCESSING_DRP 323587	9.67 0.23 -1.53	9.67 0.26 -1.30	9.68 0.26 -1.20	9.69 0.28 -1.11	9.65 0.30 -0.99	8.72 0.27 -1.10	9.75 0.26 -0.93	9.85 0.20 -0.88	10.18 0.09 -0.93	14.20 0.20 -0.42	17.49 0.15 -0.25	19.30 0.15 -0.09	20.81 0.06 0.00	21.86 0.09 0.00	22.66 0.22 -0.16	25.01 0.27 -0.07	28.40 0.19 -0.71	28.82 0.16 -1.51	35.58 0.21 -1.04	28.37 0.19 -1.53	28.47 0.28 -0.39	25.55 0.32 -0.44	23.35 0.30 -0.26	23.24 0.52 -0.06
UPPER HUDSON__HYD 24058	23.82 0.45 -15.47	21.64 0.45 -13.07	20.72 0.44 -12.06	19.89 0.43 -11.17	18.78 0.45 -9.97	18.85 0.41 -11.09	18.35 0.45 -9.33	18.14 0.46 -8.92	19.03 0.49 -9.38	18.59 0.76 -4.25	20.35 0.70 -2.56	20.84 0.91 -0.87	21.93 1.18 0.00	23.10 1.33 0.00	25.20 1.29 -1.63	26.78 1.43 -0.67	36.64 2.01 -7.14	43.40 2.14 -14.10	46.76 2.99 -9.44	44.22 2.45 -15.11	34.34 2.64 -3.89	31.31 2.08 -4.44	27.20 1.78 -2.64	24.94 1.63 -0.65
UPPER RAQUET__HYD 24056	0.10 -1.43 6.38	0.10 -1.49 6.53	0.10 -1.45 6.68	0.10 -1.48 6.71	0.10 -1.51 6.76	0.10 -1.32 5.93	0.10 -1.51 6.96	0.10 -1.53 7.13	0.10 -1.57 7.49	0.10 -2.46 11.02	0.10 -3.02 13.96	0.10 -3.41 15.55	0.10 -3.76 16.89	0.10 -3.90 17.77	0.10 -3.90 18.28	0.10 -4.42 20.16	0.10 -4.62 22.78	0.10 -4.35 22.71	0.10 -5.22 29.01	0.10 -3.97 22.58	0.10 -4.14 23.56	0.10 -3.69 20.99	0.10 -3.69 19.00	0.10 -3.69 18.87
VALLEY44_115KV_TB2 355964	10.23 0.02 -2.30	10.07 0.01 -1.95	10.02 0.00 -1.80	10.00 0.04 -1.66	9.92 0.07 -1.48	9.06 0.06 -1.65	9.97 0.02 -1.39	10.01 -0.08 -1.33	10.33 -0.22 -1.40	13.91 -0.30 -0.63	16.95 -0.51 -0.38	18.54 -0.65 -0.13	20.89 0.15 0.00	21.92 0.15 0.00	21.85 -0.67 -0.24	24.20 -0.57 -0.10	27.68 -0.88 -1.06	28.60 -0.81 -2.26	34.80 -1.10 -1.56	28.18 -0.77 -2.30	27.69 -0.70 -0.58	24.73 -0.72 -0.66	22.57 -0.62 -0.39	22.28 -0.48 -0.10
VALLEY__115KV_TB 1-4 80826	7.80 -0.11 0.00	8.01 -0.11 0.00	8.12 -0.10 0.00	8.20 -0.10 0.00	8.27 -0.09 0.00	7.28 -0.07 0.00	8.49 -0.08 0.00	8.70 -0.06 0.00	9.13 -0.03 0.00	13.54 -0.04 0.00	17.07 -0.02 0.00	19.02 -0.04 0.00	20.71 -0.04 0.00	21.75 -0.02 0.00	22.28 0.00 0.00	24.65 -0.02 0.00	27.55 0.05 0.00	27.24 0.08 0.00	34.47 0.14 0.00	26.76 0.11 0.00	27.91 0.11 0.00	24.91 0.12 0.00	22.81 0.02 0.00	22.68 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	13.18 0.32 -4.96	12.62 0.31 -4.19	12.40 0.31 -3.87	12.18 0.31 -3.58	11.87 0.31 -3.20	11.18 0.28 -3.55	11.90 0.34 -2.99	11.98 0.36 -2.86	12.59 0.43 -3.01	15.50 0.56 -1.36	18.64 0.73 -0.82	20.14 0.80 -0.28	21.74 1.00 0.00	22.88 1.11 0.00	23.96 1.16 -0.52	26.15 1.26 -0.22	31.35 1.57 -2.29	33.60 1.57 -4.87	39.73 2.03 -3.37	33.20 1.60 -4.94	30.69 1.64 -1.25	27.62 1.41 -1.42	24.73 1.09 -0.85	23.84 0.97 -0.21
VISCHER__FERRY HYD 24020	23.26 0.21 -15.14	21.14 0.22 -12.80	20.25 0.22 -11.81	19.45 0.22 -10.93	18.36 0.23 -9.76	18.41 0.21 -10.86	17.93 0.23 -9.14	17.73 0.23 -8.74	18.59 0.26 -9.18	18.11 0.37 -4.17	20.05 0.46 -2.51	20.46 0.55 -0.85	21.45 0.71 0.00	22.53 0.76 0.00	24.65 0.78 -1.59	26.19 0.86 -0.66	35.48 0.99 -6.99	41.62 1.03 -13.44	44.59 1.37 -8.88	42.44 1.09 -14.69	32.81 1.19 -3.81	30.12 0.99 -4.35	26.24 0.87 -2.58	24.02 0.72 -0.64
V_A_10_SYNC_DSASP 323832	9.82 0.21 -1.71	9.84 0.28 -1.44	9.83 0.28 -1.33	9.84 0.32 -1.23	9.82 0.35 -1.10	8.89 0.32 -1.22	9.87 0.27 -1.03	9.91 0.17 -0.99	10.18 -0.01 -1.04	14.09 0.04 -0.47	17.27 -0.10 -0.28	18.95 -0.21 -0.10	20.44 -0.31 0.00	21.45 -0.33 0.00	22.26 -0.20 -0.18	24.38 -0.37 -0.07	27.84 -0.44 -0.79	28.32 -0.52 -1.68	34.77 -0.72 -1.16	27.85 -0.51 -1.70	27.84 -0.39 -0.43	25.10 -0.17 -0.49	22.97 -0.11 -0.29	22.91 0.18 -0.07
V_CMM_10_SYNC_DSASP 323787	0.77 -1.52 5.62	0.77 -1.57 5.78	0.77 -1.55 5.90	0.77 -1.58 5.94	0.77 -1.61 5.99	0.76 -1.40 5.18	0.77 -1.62 6.18	1.23 -1.65 5.89	1.23 -1.68 6.24	1.53 -2.59 9.46	1.55 -3.21 12.32	3.06 -3.62 12.38	3.06 -3.98 13.70	3.07 -4.14 14.57	3.07 -4.17 15.05	2.09 -4.69 17.89	2.28 -4.98 20.24	5.58 -4.78 16.79	5.14 -5.84 23.36	4.11 -4.45 18.10	1.65 -4.67 21.48	1.58 -4.16 19.04	1.57 -4.03 17.18	1.57 -4.06 17.04
V_CMP_10_SYNC_DSASP 323788	0.54 -1.61 5.76	0.53 -1.67 5.91	0.52 -1.66 6.04	0.53 -1.68 6.08	0.55 -1.68 6.13	0.58 -1.46 5.30	0.57 -1.67 6.32	1.09 -1.64 6.03	1.10 -1.66 6.40	1.39 -2.50 9.69	1.43 -3.04 12.61	2.98 -3.37 12.70	3.05 -3.67 14.02	3.03 -3.81 14.94	3.00 -3.85 15.42	1.98 -4.39 18.31	2.17 -4.62 20.71	5.55 -4.35 17.26	5.02 -5.35 23.96	3.96 -4.13 18.56	1.36 -4.48 21.97	1.27 -4.04 19.47	1.22 -3.99 17.58	1.20 -4.03 17.43
V_E_10_SYNC_DSASP 323830	12.07 0.48 -3.68	11.70 0.47 -3.11	11.57 0.48 -2.87	11.42 0.46 -2.66	11.21 0.48 -2.37	10.43 0.45 -2.64	11.34 0.56 -2.22	11.47 0.59 -2.12	12.00 0.61 -2.23	15.27 0.68 -1.01	18.58 0.89 -0.61	20.18 0.91 -0.21	21.89 1.14 0.00	23.14 1.37 0.00	24.05 1.38 -0.39	26.46 1.63 -0.16	31.42 2.23 -1.70	33.26 2.50 -3.61	40.30 3.47 -2.50	33.15 2.82 -3.67	31.65 2.92 -0.93	28.24 2.40 -1.06	25.19 1.78 -0.63	24.54 1.72 -0.16
V_F_30_NSYNC__DSASP 323816	23.72 0.39 -15.42	21.54 0.39 -13.04	20.63 0.39 -12.02	19.81 0.38 -11.13	18.70 0.40 -9.94	18.77 0.36 -11.06	18.26 0.39 -9.31	18.05 0.39 -8.90	18.93 0.42 -9.35	18.46 0.64 -4.24	20.37 0.73 -2.55	20.82 0.90 -0.86	21.87 1.12 0.00	23.01 1.24 0.00	25.13 1.22 -1.62	26.70 1.36 -0.67	36.29 1.68 -7.12	42.92 1.76 -14.00	46.02 2.34 -9.36	43.62 1.92 -15.05	33.74 2.06 -3.88	30.87 1.66 -4.43	26.88 1.46 -2.63	24.65 1.34 -0.65
V_F_30_SYNC_DSASP 323786	23.10 0.11 -15.08	20.98 0.11 -12.75	20.10 0.12 -11.76	19.31 0.12 -10.89	18.22 0.14 -9.72	18.28 0.12 -10.81	17.81 0.15 -9.10	17.59 0.13 -8.70	18.46 0.16 -9.14	17.98 0.26 -4.15	19.86 0.27 -2.50	20.27 0.36 -0.85	21.24 0.50 0.00	22.34 0.57 0.00	24.47 0.60 -1.59	25.97 0.64 -0.66	35.20 0.74 -6.96	41.72 0.79 -13.78	44.56 1.00 -9.23	42.19 0.80 -14.74	32.46 0.86 -3.80	29.81 0.69 -4.33	25.95 0.59 -2.57	23.77 0.48 -0.64
V_XM_10_SYNC_DSASP 323789	0.54 -1.61 5.76	0.53 -1.67 5.91	0.52 -1.66 6.04	0.53 -1.68 6.08	0.55 -1.68 6.13	0.58 -1.46 5.30	0.57 -1.67 6.32	1.09 -1.64 6.03	1.10 -1.66 6.40	1.39 -2.50 9.69	1.43 -3.04 12.61	2.98 -3.37 12.70	3.05 -3.67 14.02	3.03 -3.81 14.94	3.00 -3.85 15.42	1.98 -4.39 18.31	2.17 -4.62 20.71	5.55 -4.35 17.26	5.02 -5.35 23.96	3.96 -4.13 18.56	1.36 -4.48 21.97	1.27 -4.04 19.47	1.22 -3.99 17.58	1.20 -4.03 17.43

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.02 0.32 -11.79	18.42 0.34 -9.96	17.74 0.33 -9.19	17.13 0.32 -8.51	16.23 0.28 -7.59	16.04 0.24 -8.45	15.98 0.31 -7.11	15.91 0.35 -6.80	16.70 0.40 -7.15	17.43 0.61 -3.24	19.82 0.79 -1.95	20.66 0.93 -0.66	21.89 1.14 0.00	22.90 1.13 0.00	24.74 1.23 -1.24	26.62 1.43 -0.51	34.45 1.51 -5.44	41.12 1.41 -12.55	45.01 1.72 -8.96	39.93 1.25 -12.02	31.97 1.20 -2.97	29.33 1.16 -3.39	25.82 1.03 -2.01	23.95 0.79 -0.50
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.51 0.39 -12.21	18.84 0.40 -10.32	18.13 0.39 -9.52	17.51 0.40 -8.82	16.58 0.34 -7.87	16.40 0.29 -8.76	16.32 0.39 -7.37	16.24 0.44 -7.05	17.05 0.49 -7.41	17.70 0.76 -3.36	20.08 0.97 -2.02	20.95 1.20 -0.68	22.20 1.45 0.00	23.21 1.44 0.00	25.08 1.52 -1.28	26.96 1.75 -0.53	34.98 1.84 -5.64	41.92 1.71 -13.05	45.65 1.99 -9.33	40.59 1.47 -12.46	32.27 1.39 -3.07	29.78 1.49 -3.51	26.21 1.34 -2.08	24.29 1.11 -0.52
W50THST__13_KV_LOAD 356117	20.55 0.43 -12.21	18.88 0.44 -10.32	18.18 0.44 -9.52	17.55 0.44 -8.82	16.62 0.38 -7.87	16.43 0.33 -8.76	16.36 0.43 -7.37	16.29 0.48 -7.05	17.10 0.54 -7.41	17.78 0.84 -3.36	20.18 1.08 -2.02	21.06 1.32 -0.68	22.32 1.58 0.00	23.34 1.57 0.00	25.21 1.65 -1.28	27.10 1.90 -0.53	35.14 2.01 -5.64	42.08 1.87 -13.05	45.89 2.23 -9.33	40.75 1.63 -12.46	32.43 1.56 -3.07	29.90 1.61 -3.51	26.35 1.48 -2.08	24.40 1.22 -0.52
WADING RIVER_IC_1 23522	24.47 0.78 -15.78	19.25 0.80 -10.33	18.50 0.76 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.65 0.54 -8.76	16.64 0.71 -7.37	16.64 0.83 -7.05	17.78 0.92 -7.70	20.72 1.41 -5.73	23.98 1.69 -5.20	28.19 2.04 -7.09	31.67 2.30 -8.62	39.74 2.35 -15.61	41.36 2.41 -16.67	59.85 2.84 -32.34	84.22 3.02 -53.70	123.86 2.93 -93.77	121.77 3.68 -83.77	88.93 2.77 -59.50	49.54 2.89 -18.85	45.57 2.63 -18.16	33.43 2.39 -8.26	30.96 2.15 -6.15
WADING RIVER_IC_2 23547	24.47 0.78 -15.78	19.25 0.80 -10.33	18.50 0.76 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.65 0.54 -8.76	16.64 0.71 -7.37	16.64 0.83 -7.05	17.78 0.92 -7.70	20.72 1.41 -5.73	23.98 1.69 -5.20	28.19 2.04 -7.09	31.67 2.30 -8.62	39.74 2.35 -15.61	41.36 2.41 -16.67	59.85 2.84 -32.34	84.22 3.02 -53.70	123.86 2.93 -93.77	121.77 3.68 -83.77	88.93 2.77 -59.50	49.54 2.89 -18.85	45.57 2.63 -18.16	33.43 2.39 -8.26	30.96 2.15 -6.15
WADING RIVER_IC_3 23601	24.47 0.78 -15.78	19.25 0.80 -10.33	18.50 0.76 -9.52	17.82 0.70 -8.82	16.86 0.62 -7.87	16.65 0.54 -8.76	16.64 0.71 -7.37	16.64 0.83 -7.05	17.78 0.92 -7.70	20.72 1.41 -5.73	23.98 1.69 -5.20	28.19 2.04 -7.09	31.67 2.30 -8.62	39.74 2.35 -15.61	41.36 2.41 -16.67	59.85 2.84 -32.34	84.22 3.02 -53.70	123.86 2.93 -93.77	121.77 3.68 -83.77	88.93 2.77 -59.50	49.54 2.89 -18.85	45.57 2.63 -18.16	33.43 2.39 -8.26	30.96 2.15 -6.15
WALDENNY_I2_KV_BK2 80841	10.22 0.27 -2.05	10.15 0.30 -1.73	10.15 0.33 -1.60	10.15 0.37 -1.48	10.11 0.43 -1.32	9.19 0.37 -1.47	10.13 0.33 -1.23	10.13 0.19 -1.18	10.39 -0.01 -1.24	14.20 0.05 -0.56	17.29 -0.14 -0.34	18.95 -0.23 -0.11	20.79 0.04 0.00	21.81 0.04 0.00	22.27 -0.22 -0.22	24.66 -0.10 -0.09	28.00 -0.44 -0.94	28.76 -0.41 -2.01	35.10 -0.62 -1.39	28.29 -0.40 -2.04	28.07 -0.25 -0.52	25.25 -0.12 -0.59	23.05 -0.09 -0.35	22.95 0.20 -0.09
WALDEN__HYDRO 24148	20.07 0.31 -11.85	18.44 0.30 -10.02	17.76 0.30 -9.24	17.15 0.30 -8.56	16.25 0.24 -7.64	16.05 0.21 -8.50	15.97 0.26 -7.15	15.89 0.29 -6.84	16.67 0.33 -7.19	17.33 0.49 -3.26	19.68 0.63 -1.96	20.51 0.78 -0.66	21.72 0.98 0.00	22.77 1.00 0.00	24.60 1.07 -1.25	26.49 1.31 -0.52	34.40 1.43 -5.47	40.97 1.36 -12.46	44.96 1.78 -8.85	40.03 1.33 -12.04	32.04 1.25 -2.98	29.40 1.21 -3.41	25.84 1.03 -2.02	23.97 0.81 -0.50
WARRENSBURG____ 23737	23.82 0.45 -15.47	21.64 0.45 -13.07	20.72 0.44 -12.06	19.89 0.43 -11.17	18.78 0.45 -9.97	18.85 0.41 -11.09	18.35 0.45 -9.33	18.14 0.46 -8.92	19.03 0.49 -9.38	18.59 0.76 -4.25	20.35 0.70 -2.56	20.84 0.91 -0.87	21.93 1.18 0.00	23.10 1.33 0.00	25.20 1.29 -1.63	26.78 1.43 -0.67	36.64 2.01 -7.14	43.40 2.14 -14.10	46.76 2.99 -9.44	44.22 2.45 -15.11	34.34 2.64 -3.89	31.31 2.08 -4.44	27.20 1.78 -2.64	24.94 1.63 -0.65
WATERSIDE____6 8 9 23538	20.51 0.39 -12.21	18.84 0.40 -10.32	18.13 0.39 -9.52	17.52 0.41 -8.82	16.58 0.34 -7.87	16.38 0.27 -8.76	16.28 0.35 -7.37	16.19 0.39 -7.05	17.00 0.44 -7.41	17.64 0.71 -3.36	20.03 0.92 -2.02	20.91 1.16 -0.68	22.12 1.37 0.00	23.10 1.33 0.00	24.99 1.43 -1.28	26.86 1.65 -0.53	34.81 1.68 -5.64	41.73 1.52 -13.05	45.41 1.75 -9.33	40.43 1.31 -12.46	32.16 1.28 -3.07	29.70 1.41 -3.51	26.17 1.30 -2.08	24.24 1.06 -0.52
WATKINRD_115KV_LN8_ILLION 55919	7.84 -0.06 0.00	8.05 -0.06 0.00	8.16 -0.07 0.00	8.23 -0.07 0.00	8.31 -0.06 0.00	7.30 -0.05 0.00	8.51 -0.05 0.00	8.72 -0.04 0.00	9.13 -0.03 0.00	13.52 -0.05 0.00	17.03 -0.05 0.00	18.98 -0.08 0.00	20.66 -0.08 0.00	21.71 -0.07 0.00	22.21 -0.07 0.00	24.60 -0.07 0.00	27.47 -0.03 0.00	27.15 0.00 0.00	34.37 0.03 0.00	26.71 0.05 0.00	27.83 0.03 0.00	24.83 0.05 0.00	22.76 -0.02 0.00	22.64 -0.02 0.00
WATSON__69_KV_BK 1 55734	24.46 0.77 -15.78	19.24 0.80 -10.33	18.48 0.73 -9.52	17.81 0.70 -8.82	16.85 0.61 -7.87	16.64 0.53 -8.76	16.63 0.69 -7.37	16.62 0.81 -7.05	17.75 0.90 -7.70	20.68 1.37 -5.73	23.94 1.66 -5.20	28.15 2.00 -7.09	30.56 2.30 -7.51	36.62 2.33 -12.52	37.74 2.41 -13.05	48.31 2.79 -20.85	60.44 2.89 -30.06	83.82 2.80 -53.87	84.36 3.47 -46.57	65.29 2.64 -36.00	48.89 2.89 -18.20	45.10 2.63 -17.69	33.37 2.37 -8.21	30.93 2.13 -6.15
WDELAWARE__HYD 323627	19.08 0.20 -10.98	17.58 0.18 -9.28	16.96 0.17 -8.56	16.38 0.16 -7.93	15.54 0.10 -7.08	15.30 0.08 -7.87	15.30 0.11 -6.63	15.24 0.14 -6.33	16.00 0.18 -6.66	16.86 0.26 -3.02	19.28 0.38 -1.82	20.15 0.48 -0.62	21.39 0.64 0.00	22.42 0.65 0.00	24.19 0.76 -1.15	26.11 0.96 -0.48	33.64 1.07 -5.07	39.54 1.03 -11.36	43.72 1.37 -8.02	38.77 1.01 -11.10	31.46 0.89 -2.76	28.83 0.89 -3.15	25.37 0.71 -1.87	23.62 0.50 -0.46
WEST BABYLON__IC 23714	24.40 0.72 -15.78	19.18 0.74 -10.33	18.43 0.68 -9.52	17.75 0.64 -8.82	16.80 0.56 -7.87	16.59 0.49 -8.76	16.59 0.65 -7.37	16.57 0.76 -7.05	17.69 0.83 -7.70	20.59 1.28 -5.73	23.84 1.55 -5.20	28.00 1.85 -7.09	29.54 2.14 -6.66	34.11 2.18 -10.16	34.82 2.25 -10.29	39.41 2.62 -12.12	42.29 2.75 -12.04	53.30 2.66 -23.48	55.93 3.30 -18.30	47.30 2.51 -18.14	40.45 2.67 -9.97	38.85 2.45 -11.62	33.11 2.21 -8.11	30.80 1.99 -6.15
WEST CANADA__HYD 24049	7.86 -0.05 0.00	8.07 -0.05 0.00	8.17 -0.05 0.00	8.25 -0.05 0.00	8.31 -0.05 0.00	7.31 -0.04 0.00	8.51 -0.05 0.00	8.71 -0.05 0.00	9.11 -0.05 0.00	13.50 -0.08 0.00	17.00 -0.09 0.00	18.95 -0.11 0.00	20.62 -0.12 0.00	21.66 -0.11 0.00	22.17 -0.11 0.00	24.52 -0.15 0.00	27.36 -0.14 0.00	27.05 -0.11 0.00	34.19 -0.14 0.00	26.55 -0.11 0.00	27.69 -0.11 0.00	24.68 -0.10 0.00	22.67 -0.11 0.00	22.55 -0.11 0.00

WESTERN_NY_WIND 24143	10.04 0.36 -1.78	10.05 0.43 -1.50	10.05 0.44 -1.39	10.07 0.49 -1.28	10.06 0.55 -1.14	9.11 0.48 -1.27	10.07 0.44 -1.07	10.09 0.31 -1.03	10.34 0.11 -1.08	14.31 0.24 -0.49	17.50 0.12 -0.29	19.24 0.08 -0.10	20.89 0.15 0.00	21.94 0.17 0.00	22.64 0.18 -0.19	25.05 0.30 -0.08	28.45 0.14 -0.82	29.06 0.16 -1.75	35.75 0.21 -1.21	28.69 0.27 -1.77	28.69 0.44 -0.45	25.79 0.50 -0.51	23.52 0.43 -0.30	23.46 0.72 -0.08
WESTOVER___LESR 323668	11.92 0.14 -3.87	11.53 0.14 -3.27	11.37 0.13 -3.02	11.22 0.13 -2.79	11.00 0.14 -2.49	10.26 0.13 -2.78	11.04 0.15 -2.34	11.13 0.14 -2.23	11.61 0.11 -2.35	14.79 0.15 -1.06	17.90 0.17 -0.64	19.47 0.19 -0.22	21.08 0.33 0.00	22.14 0.37 0.00	22.95 0.27 -0.41	25.19 0.35 -0.17	29.64 0.36 -1.79	31.31 0.35 -3.80	37.44 0.48 -2.63	30.89 0.37 -3.86	29.19 0.42 -0.97	26.22 0.32 -1.11	23.72 0.27 -0.66	23.14 0.32 -0.16
WETHRSFD_WT_PWR 323626	10.38 0.18 -2.29	10.27 0.22 -1.94	10.23 0.22 -1.79	10.20 0.25 -1.66	10.13 0.28 -1.48	9.24 0.25 -1.65	10.16 0.21 -1.38	10.20 0.11 -1.32	10.51 -0.04 -1.39	14.21 0.00 -0.63	17.29 -0.17 -0.38	18.96 -0.23 -0.13	20.71 -0.04 0.00	21.71 -0.07 0.00	22.26 -0.27 -0.24	24.80 0.02 -0.10	28.09 -0.47 -1.06	29.03 -0.38 -2.25	35.41 -0.48 -1.56	28.65 -0.29 -2.29	28.19 -0.19 -0.58	25.32 -0.12 -0.66	23.07 -0.11 -0.39	22.82 0.07 -0.10
WHAVSTOR_138KV_BK127 55557	19.99 0.28 -11.80	18.40 0.31 -9.97	17.72 0.30 -9.20	17.11 0.30 -8.52	16.22 0.25 -7.60	16.02 0.21 -8.46	15.97 0.28 -7.12	15.89 0.32 -6.81	16.69 0.38 -7.15	17.39 0.57 -3.25	19.76 0.72 -1.95	20.60 0.88 -0.66	21.81 1.06 0.00	22.79 1.02 0.00	24.63 1.11 -1.24	26.49 1.31 -0.51	34.29 1.35 -5.45	40.97 1.25 -12.57	44.78 1.48 -8.97	39.78 1.09 -12.03	31.80 1.03 -2.97	29.19 1.02 -3.39	25.69 0.89 -2.01	23.84 0.68 -0.50
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.99 0.28 -11.80	18.40 0.31 -9.97	17.72 0.30 -9.20	17.11 0.30 -8.52	16.22 0.25 -7.60	16.02 0.21 -8.46	15.97 0.28 -7.12	15.89 0.32 -6.81	16.69 0.38 -7.15	17.39 0.57 -3.25	19.76 0.72 -1.95	20.60 0.88 -0.66	21.81 1.06 0.00	22.79 1.02 0.00	24.63 1.11 -1.24	26.49 1.31 -0.51	34.29 1.35 -5.45	40.97 1.25 -12.57	44.78 1.48 -8.97	39.78 1.09 -12.03	31.80 1.03 -2.97	29.19 1.02 -3.39	25.69 0.89 -2.01	23.84 0.68 -0.50
WHITEHAL_115KV_TB1 80871	24.04 0.69 -15.45	21.85 0.67 -13.06	20.92 0.66 -12.04	20.10 0.66 -11.15	19.00 0.68 -9.95	19.05 0.62 -11.07	18.57 0.69 -9.32	18.38 0.71 -8.91	19.27 0.75 -9.37	18.97 1.14 -4.25	20.86 1.21 -2.56	21.43 1.51 -0.87	22.59 1.85 0.00	23.82 2.05 0.00	25.91 2.01 -1.62	27.54 2.20 -0.67	37.60 2.97 -7.13	44.36 3.15 -14.05	48.06 4.33 -9.40	45.31 3.57 -15.08	35.58 3.89 -3.89	32.27 3.05 -4.44	28.02 2.60 -2.63	25.74 2.42 -0.65
WHITEPLN_13_KV_LOAD 356215	20.50 0.40 -12.19	18.83 0.41 -10.30	18.14 0.42 -9.50	17.52 0.42 -8.80	16.59 0.38 -7.85	16.41 0.32 -8.74	16.32 0.40 -7.35	16.24 0.45 -7.03	17.05 0.50 -7.39	17.69 0.76 -3.35	20.09 0.99 -2.02	20.94 1.20 -0.68	22.24 1.49 0.00	23.27 1.50 0.00	25.17 1.60 -1.28	27.05 1.85 -0.53	35.13 2.01 -5.63	42.08 1.90 -13.02	45.97 2.33 -9.31	40.85 1.76 -12.44	32.54 1.67 -3.07	29.92 1.64 -3.50	26.30 1.44 -2.08	24.37 1.20 -0.52
WM_FLOYD_69_KV_BK2 356380	24.45 0.77 -15.78	19.24 0.80 -10.33	18.48 0.73 -9.52	17.80 0.69 -8.82	16.84 0.60 -7.87	16.63 0.52 -8.76	16.63 0.69 -7.37	16.61 0.81 -7.05	17.75 0.90 -7.70	20.67 1.36 -5.73	23.91 1.62 -5.20	28.09 1.94 -7.09	31.62 2.22 -8.65	39.71 2.22 -15.71	41.37 2.29 -16.79	60.06 2.69 -32.70	84.83 2.89 -54.45	124.98 2.80 -95.03	122.74 3.50 -84.90	89.52 2.64 -60.22	49.66 2.78 -19.07	45.64 2.53 -18.32	33.35 2.30 -8.26	30.89 2.08 -6.15
WOODARD___115KV_TB2 355635	9.26 0.02 -1.34	9.29 0.01 -1.17	9.32 0.00 -1.09	9.33 0.00 -1.03	9.31 0.00 -0.94	8.35 0.00 -1.00	9.46 0.00 -0.90	9.65 0.02 -0.88	10.07 0.00 -0.92	14.22 0.00 -0.64	17.69 0.00 -0.60	19.57 -0.02 -0.52	21.08 -0.08 -0.41	22.23 -0.07 -0.53	22.85 -0.09 -0.66	25.19 -0.12 -0.65	28.56 -0.14 -1.21	28.82 -0.14 -1.80	35.80 -0.17 -1.64	28.31 -0.16 -1.82	28.65 -0.14 -0.99	25.59 -0.15 -0.95	23.48 -0.07 -0.76	23.31 0.05 -0.61
YORK___WARBASSE 23770	20.55 0.43 -12.21	18.87 0.43 -10.32	18.15 0.41 -9.52	17.54 0.43 -8.82	16.59 0.36 -7.87	16.36 0.26 -8.76	16.27 0.33 -7.37	16.17 0.37 -7.05	16.99 0.43 -7.41	17.63 0.69 -3.36	20.05 0.94 -2.02	20.95 1.20 -0.68	22.18 1.43 0.00	23.14 1.37 0.00	25.03 1.47 -1.28	26.93 1.73 -0.53	34.89 1.76 -5.64	41.81 1.60 -13.05	45.51 1.85 -9.33	40.51 1.39 -12.46	32.24 1.36 -3.07	29.80 1.51 -3.51	26.26 1.39 -2.08	24.31 1.13 -0.52