

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										09/27/2025	
Generator Data																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
24138		41.81	36.53	34.90	30.51	32.00	33.94	35.59	39.16	40.42	39.61	38.51	39.97	41.58	42.01	42.96	45.54	51.24	59.98	59.76	56.85	51.40	47.52	43.23	39.28		
		2.10	1.78	1.45	1.25	1.25	1.20	1.29	1.56	1.76	1.90	1.98	2.29	2.38	2.24	2.53	2.36	2.43	2.45	2.28	2.06	1.95	1.92	2.07	1.91		
		-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.46	-0.41	-0.59	-0.78	-1.00	-0.55	0.00		
74TH STREET_GT_1		41.77	36.53	34.90	30.51	32.00	33.94	35.59	39.16	40.42	39.58	38.48	39.94	41.55	42.01	42.92	45.50	51.19	59.93	59.70	56.74	51.35	47.48	43.23	39.28		
24260		2.06	1.78	1.45	1.25	1.25	1.20	1.29	1.56	1.76	1.87	1.95	2.25	2.35	2.24	2.49	2.32	2.38	2.40	2.23	1.95	1.90	1.87	2.07	1.91		
		-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.46	-0.41	-0.59	-0.78	-1.00	-0.55	0.00		
74TH STREET_GT_2		41.77	36.53	34.90	30.51	32.00	33.94	35.59	39.16	40.42	39.58	38.48	39.94	41.55	42.01	42.92	45.50	51.19	59.93	59.70	56.74	51.35	47.48	43.23	39.28		
24261		2.06	1.78	1.45	1.25	1.25	1.20	1.29	1.56	1.76	1.87	1.95	2.25	2.35	2.24	2.49	2.32	2.38	2.40	2.23	1.95	1.90	1.87	2.07	1.91		
		-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.46	-0.41	-0.59	-0.78	-1.00	-0.55	0.00		
ADK HUDSON___FALLS		38.90	34.68	33.49	29.75	31.10	32.93	34.45	37.58	36.93	34.81	34.49	35.23	36.84	37.85	39.28	41.82	47.52	58.04	58.25	55.22	49.41	45.22	41.45	38.38		
24011		0.82	0.86	0.83	0.70	0.79	0.78	0.81	0.89	0.60	0.43	0.11	0.15	0.15	0.23	0.40	0.46	1.00	1.37	1.54	1.52	1.41	1.47	1.30	1.01		
		0.75	0.43	0.36	0.10	0.21	0.27	0.31	0.42	1.07	1.53	0.99	1.20	1.15	0.99	0.71	0.84	1.06	0.39	0.35	0.50	0.67	0.85	0.47	0.00		
ADK RESOURCE___RCVRY		38.99	34.76	33.56	29.81	31.16	33.00	34.52	37.66	36.99	34.87	34.54	35.21	36.78	37.86	39.29	41.88	47.49	58.27	58.49	55.40	49.61	45.36	41.53	38.49		
23798		0.89	0.93	0.89	0.76	0.85	0.84	0.88	0.96	0.64	0.47	0.14	0.11	0.08	0.23	0.40	0.51	0.95	1.60	1.77	1.68	1.60	1.60	1.38	1.12		
		0.74	0.42	0.35	0.09	0.20	0.27	0.30	0.41	1.05	1.51	0.97	1.18	1.14	0.97	0.70	0.82	1.04	0.39	0.35	0.49	0.66	0.84	0.46	0.00		
ADK S GLENS___FALLS		38.90	34.68	33.49	29.75	31.10	32.93	34.45	37.58	36.93	34.81	34.49	35.23	36.84	37.85	39.28	41.82	47.52	58.04	58.25	55.22	49.41	45.22	41.45	38.38		
24028		0.82	0.86	0.83	0.70	0.79	0.78	0.81	0.89	0.60	0.43	0.11	0.15	0.15	0.23	0.40	0.46	1.00	1.37	1.54	1.52	1.41	1.47	1.30	1.01		
		0.75	0.43	0.36	0.10	0.21	0.27	0.31	0.42	1.07	1.53	0.99	1.20	1.15	0.99	0.71	0.84	1.06	0.39	0.35	0.50	0.67	0.85	0.47	0.00		
ADK_NYS___DAM		37.88	33.96	32.80	29.51	30.57	32.30	33.89	37.15	35.85	33.29	33.77	34.28	35.83	36.96	38.90	41.14	46.21	57.79	57.77	54.32	48.35	43.83	40.48	38.04		
23527		0.82	0.72	0.63	0.58	0.55	0.52	0.68	1.04	0.97	1.00	0.74	0.84	0.72	0.70	0.99	0.93	1.14	1.66	1.54	1.30	1.26	1.25	0.97	0.67		
		1.77	1.01	0.85	0.23	0.49	0.64	0.72	0.99	2.53	3.63	2.34	2.84	2.73	2.34	1.68	1.98	2.50	0.93	0.84	1.18	1.58	2.02	1.11	0.00		
AIR_PRODUCTS___DRP		37.86	33.56	32.40	28.82	30.08	31.93	33.41	36.54	36.36	34.53	34.29	35.00	36.47	37.26	38.59	40.95	46.18	55.92	55.83	52.92	47.45	43.35	39.78	36.73		
24190		-0.43	-0.38	-0.36	-0.26	-0.27	-0.29	-0.31	-0.26	-0.26	-0.25	-0.35	-0.40	-0.53	-0.62	-0.48	-0.63	-0.62	-0.86	-0.97	-0.92	-0.73	-0.62	-0.49	-0.64		
		0.55	0.31	0.26	0.07	0.15	0.20	0.22	0.31	0.79	1.13	0.73	0.88	0.85	0.73	0.52	0.61	0.78	0.29	0.26	0.37	0.49	0.63	0.34	0.00		
AKWESSNE_115KV_BK		31.19	27.64	23.95	21.94	23.53	23.30	25.05	29.39	29.76	29.82	29.17	30.19	32.10	38.86	33.83	40.90	42.79	53.95	53.31	50.11	43.28	38.11	33.55	29.69		
355683		0.27	0.21	0.23	0.17	0.24	0.29	0.31	0.41	0.45	0.50	0.46	0.47	0.45	0.39	0.44	0.46	0.52	0.57	0.51	0.49	0.44	0.27	0.24	0.22		
		7.91	6.81	9.30	7.38	7.22	9.42	9.19	8.13	8.09	6.60	6.66	6.56	6.19	0.13	6.20	1.76	5.31	3.68	4.26	4.58	5.82	6.76	7.30	7.91		
ALBANY_1_SOLAR		39.00	34.54	33.32	29.54	30.87	32.79	34.27	37.40	37.18	35.28	34.81	35.66	36.87	37.77	39.07	41.61	46.28	56.20	56.22	53.33	47.88	43.81	40.07	36.92		
323833		0.50	0.48	0.46	0.44	0.46	0.49	0.47	0.48	0.26	0.07	-0.11	-0.07	-0.45	-0.39	-0.20	-0.21	-0.81	-0.68	-0.68	-0.65	-0.49	-0.40	-0.33	-0.45		
		0.34	0.19	0.16	0.04	0.09	0.12	0.14	0.19	0.49	0.70	0.45	0.55	0.53	0.45	0.32	0.38	0.48	0.18	0.16	0.23	0.30	0.39	0.21	0.00		
ALBANY_2_SOLAR		39.00	34.50	33.32	29.51	30.87	32.79	34.24	37.40	37.14	35.28	34.81	35.66	36.87	37.77	39.07	41.61	46.24	56.20	56.22	53.33	47.88	43.81	40.03	36.92		
323834		0.50	0.44	0.46	0.41	0.46	0.49	0.44	0.48	0.23	0.07	-0.11	-0.07	-0.45	-0.39	-0.20	-0.21	-0.85	-0.68	-0.68	-0.65	-0.49	-0.40	-0.37	-0.45		
		0.34	0.19	0.16	0.04	0.09	0.12	0.14	0.19	0.49	0.70	0.45	0.55	0.53	0.45	0.32	0.38	0.48	0.18	0.16	0.23	0.30	0.39	0.21	0.00		
ALBANY___1		37.86	33.56	32.40	28.82	30.08	31.93	33.41	36.54	36.36	34.53	34.29	35.00	36.47	37.26	38.59	40.95	46.18	55.92	55.83	52.92	47.45	43.35	39.78	36.73		
23571		-0.43	-0.38	-0.36	-0.26	-0.27	-0.29	-0.31	-0.26	-0.26	-0.25	-0.35	-0.40	-0.53	-0.62	-0.48	-0.63	-0.62	-0.86	-0.97	-0.92	-0.73	-0.62	-0.49	-0.64		
		0.55	0.31	0.26	0.07	0.15	0.20	0.22	0.31	0.79	1.13	0.73	0.88	0.85	0.73	0.52	0.61	0.78	0.29	0.26	0.37	0.49	0.63	0.34	0.00		

ALBANY___2 23572	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.27 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.36 -0.26 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.00 -0.40 0.88	36.47 -0.53 0.85	37.26 -0.62 0.73	38.59 -0.48 0.52	40.95 -0.63 0.61	46.18 -0.62 0.78	55.92 -0.86 0.29	55.83 -0.97 0.26	52.92 -0.92 0.37	47.45 -0.73 0.49	43.35 -0.62 0.63	39.78 -0.49 0.34	36.73 -0.64 0.00
ALBANY___3 23573	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.27 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.36 -0.26 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.00 -0.40 0.88	36.47 -0.53 0.85	37.26 -0.62 0.73	38.59 -0.48 0.52	40.95 -0.63 0.61	46.18 -0.62 0.78	55.92 -0.86 0.29	55.83 -0.97 0.26	52.92 -0.92 0.37	47.45 -0.73 0.49	43.35 -0.62 0.63	39.78 -0.49 0.34	36.73 -0.64 0.00
ALBANY___4 23574	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.27 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.36 -0.26 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.00 -0.40 0.88	36.47 -0.53 0.85	37.26 -0.62 0.73	38.59 -0.48 0.52	40.95 -0.63 0.61	46.18 -0.62 0.78	55.92 -0.86 0.29	55.83 -0.97 0.26	52.92 -0.92 0.37	47.45 -0.73 0.49	43.35 -0.62 0.63	39.78 -0.49 0.34	36.73 -0.64 0.00
ALBANY___LFGE 323615	38.18 -0.04 0.61	33.83 -0.07 0.35	32.66 -0.07 0.29	29.07 0.00 0.08	30.34 0.00 0.17	32.20 0.00 0.22	33.69 0.00 0.25	36.84 0.07 0.34	36.53 0.00 0.88	34.65 0.00 1.26	34.45 -0.11 0.81	35.26 -0.04 0.98	36.56 -0.34 0.95	37.44 -0.35 0.81	38.89 -0.12 0.58	41.26 -0.25 0.69	46.38 -0.33 0.87	56.52 -0.23 0.32	56.43 -0.34 0.29	53.42 -0.38 0.41	47.88 -0.24 0.55	43.77 -0.13 0.70	40.11 -0.12 0.38	37.15 -0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	114.92 0.54 -75.55	99.79 0.48 -65.06	122.36 0.50 -88.84	100.02 0.41 -70.47	99.99 0.49 -68.99	122.93 0.58 -89.92	122.30 0.58 -87.78	115.48 0.71 -77.66	115.40 0.75 -77.25	99.70 0.79 -63.00	99.73 0.78 -63.58	99.69 0.73 -62.68	97.76 0.76 -59.16	40.53 0.69 -1.23	99.54 0.75 -59.19	59.84 0.80 -16.84	99.17 0.86 -50.74	93.26 1.03 -35.17	98.73 0.97 -40.70	98.87 0.92 -43.74	105.03 0.78 -55.58	109.71 0.58 -64.53	110.88 0.53 -69.74	113.40 0.52 -75.51
ALCOA_RYNLDS___DRP 24188	114.92 0.54 -75.55	99.79 0.48 -65.06	122.36 0.50 -88.84	100.02 0.41 -70.47	99.99 0.49 -68.99	122.93 0.58 -89.92	122.30 0.58 -87.78	115.48 0.71 -77.66	115.40 0.75 -77.25	99.70 0.79 -63.00	99.73 0.78 -63.58	99.69 0.73 -62.68	97.76 0.76 -59.16	40.53 0.69 -1.23	99.54 0.75 -59.19	59.84 0.80 -16.84	99.17 0.86 -50.74	93.26 1.03 -35.17	98.73 0.97 -40.70	98.87 0.92 -43.74	105.03 0.78 -55.58	109.71 0.58 -64.53	110.88 0.53 -69.74	113.40 0.52 -75.51
ALCOA___DSASP 323711	114.92 0.54 -75.55	99.79 0.48 -65.06	122.36 0.50 -88.84	100.02 0.41 -70.47	99.99 0.49 -68.99	122.93 0.58 -89.92	122.30 0.58 -87.78	115.47 0.70 -77.66	115.40 0.75 -77.25	99.70 0.79 -63.00	99.72 0.78 -63.58	99.69 0.73 -62.68	97.76 0.76 -59.16	40.53 0.70 -1.23	99.53 0.75 -59.19	59.84 0.80 -16.84	99.17 0.86 -50.74	93.14 0.91 -35.17	98.73 0.97 -40.70	98.87 0.92 -43.74	105.02 0.78 -55.58	109.76 0.62 -64.53	110.97 0.61 -69.74	113.40 0.52 -75.51
ALLEGHENY___COGEN 23514	42.41 2.52 -1.05	37.26 2.30 -0.71	35.82 2.18 -0.62	31.45 1.95 -0.35	32.90 1.92 -0.47	35.04 2.04 -0.57	37.02 2.41 -0.67	40.15 2.11 -0.92	40.03 1.68 -0.94	37.34 1.00 -0.43	37.21 1.03 -0.81	37.97 0.80 -0.89	39.76 1.32 -0.59	41.13 1.47 -1.06	41.34 1.03 -0.72	44.91 1.39 -1.33	51.65 2.33 -1.75	62.94 3.31 -2.57	64.06 3.93 -3.07	61.22 4.17 -2.84	54.31 3.41 -2.24	49.45 3.17 -1.68	43.80 2.72 -0.46	40.50 2.84 -0.29
ALTAMONT_115KV_TB 2 55880	38.76 0.27 0.34	34.30 0.24 0.19	33.09 0.23 0.16	29.31 0.20 0.04	30.63 0.21 0.09	32.50 0.19 0.12	33.97 0.17 0.14	37.18 0.26 0.19	37.14 0.22 0.49	35.42 0.22 0.70	35.06 0.14 0.45	35.84 0.11 0.55	37.39 0.08 0.53	38.19 0.04 0.45	39.42 0.16 0.32	41.90 0.08 0.38	47.23 0.14 0.48	56.94 0.06 0.18	56.90 0.00 0.16	53.98 0.00 0.23	48.46 0.10 0.31	44.34 0.13 0.39	40.60 0.20 0.21	37.48 0.11 0.00
ALTONA_WT_PWR 323606	43.86 1.09 -3.94	38.67 1.03 -3.40	38.62 0.96 -4.64	33.70 0.87 -3.68	35.09 0.98 -3.60	38.28 1.17 -4.69	39.74 1.22 -4.58	42.61 1.45 -4.05	43.04 1.61 -4.03	40.74 1.54 -3.29	40.17 1.49 -3.32	41.08 1.52 -3.27	42.41 1.47 -3.09	40.10 1.43 -0.06	44.15 1.47 -3.09	44.64 1.56 -0.88	51.41 1.19 -2.65	60.22 1.31 -1.84	60.50 1.31 -2.12	57.52 1.03 -2.28	52.54 0.97 -2.90	48.86 0.89 -3.37	45.76 1.50 -3.64	42.39 1.08 -3.94
AMERICAN_REF_FUEL 24010	40.02 0.23 -0.95	35.24 0.34 -0.64	33.98 0.40 -0.56	29.93 0.46 -0.32	31.18 0.24 -0.43	33.20 0.26 -0.51	34.71 0.17 -0.61	37.24 0.17 -0.84	37.66 -0.60 -0.85	35.54 -0.76 -0.39	35.93 -0.18 -0.74	36.69 -0.40 -0.81	38.68 0.30 -0.53	40.03 0.46 -0.96	39.73 -0.52 -0.65	42.72 -0.68 -1.20	48.39 -0.76 -1.58	57.45 -1.94 -2.32	57.96 -1.88 -2.77	55.20 -1.57 -2.57	49.42 -1.27 -2.02	45.41 -0.72 -1.52	40.67 -0.37 -0.42	38.23 0.60 -0.26
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.49 1.67 -0.99	36.63 1.71 -0.67	35.32 1.72 -0.58	31.05 1.57 -0.33	32.33 1.37 -0.44	34.48 1.52 -0.53	36.26 1.70 -0.63	38.91 0.93 -0.87	39.38 1.09 -0.89	37.10 0.79 -0.40	37.48 1.34 -0.76	38.32 1.20 -0.84	40.37 1.97 -0.55	41.65 2.04 -1.00	41.38 1.11 -0.68	44.59 1.14 -1.25	50.74 1.52 -1.65	60.79 1.31 -2.41	61.37 1.43 -2.88	58.40 1.52 -2.67	52.03 1.26 -2.10	47.48 1.29 -1.58	42.43 1.38 -0.44	39.70 2.05 -0.27
ARTHUR KILL_GT_1 23520	41.89 2.17 -0.88	36.74 1.99 -0.50	35.13 1.68 -0.42	30.72 1.46 -0.11	32.22 1.46 -0.24	34.14 1.39 -0.32	35.76 1.46 -0.36	39.20 1.60 -0.49	40.15 1.50 -1.25	39.58 1.87 -1.80	38.51 1.98 -1.16	39.90 2.21 -1.41	41.21 2.01 -1.36	41.74 1.97 -1.16	42.60 2.18 -0.83	45.12 1.94 -0.98	50.67 1.86 -1.24	58.96 1.43 -0.46	58.68 1.20 -0.41	55.82 1.03 -0.59	50.52 1.07 -0.78	46.94 1.34 -1.00	42.99 1.83 -0.55	39.50 2.13 0.00
ARTHUR_KILL_2 23512	41.74 2.02 -0.88	36.64 1.88 -0.51	35.04 1.59 -0.43	30.64 1.37 -0.12	32.13 1.37 -0.25	34.01 1.26 -0.33	35.66 1.36 -0.37	39.09 1.49 -0.49	39.89 1.23 -1.25	39.47 1.76 -1.80	38.40 1.87 -1.16	39.72 2.03 -1.41	40.98 1.78 -1.36	41.46 1.70 -1.16	42.48 2.06 -0.83	44.91 1.73 -0.98	49.77 0.95 -1.24	58.72 1.20 -0.45	58.27 0.80 -0.41	55.44 0.65 -0.58	50.17 0.73 -0.77	46.72 1.12 -1.00	42.91 1.75 -0.55	39.32 1.94 -0.01
ARTHUR_KILL_3 23513	41.34 1.63 -0.88	36.19 1.44 -0.50	34.57 1.12 -0.42	30.19 0.93 -0.11	31.67 0.91 -0.24	33.58 0.84 -0.32	35.21 0.92 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.18 1.47 -1.80	38.12 1.59 -1.16	39.47 1.78 -1.41	40.91 1.70 -1.36	41.43 1.66 -1.16	42.44 2.02 -0.83	44.95 1.77 -0.98	50.29 1.48 -1.24	59.24 1.71 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	46.85 1.25 -1.00	42.58 1.42 -0.55	38.83 1.46 0.00

ARTHUR_KILL_COGEN 323718	41.89 2.17 -0.88	36.74 1.99 -0.51	35.14 1.68 -0.43	30.73 1.46 -0.12	32.22 1.46 -0.25	34.14 1.39 -0.33	35.76 1.46 -0.37	39.20 1.59 -0.49	40.00 1.34 -1.25	39.58 1.87 -1.80	38.51 1.98 -1.16	39.83 2.14 -1.41	41.09 1.89 -1.36	41.58 1.81 -1.16	42.64 2.22 -0.83	45.03 1.85 -0.98	49.95 1.14 -1.24	58.95 1.43 -0.45	58.50 1.03 -0.41	55.65 0.86 -0.58	50.36 0.92 -0.77	46.90 1.29 -1.00	43.03 1.87 -0.55	39.47 2.09 -0.01
ASHOKAN____ 23654	40.93 2.10 0.00	36.13 1.88 0.00	34.67 1.65 0.00	30.61 1.46 0.00	32.00 1.49 0.00	34.01 1.59 0.00	35.60 1.66 0.00	38.89 1.78 0.00	39.01 1.61 0.00	37.38 1.47 0.00	36.71 1.34 0.00	37.66 1.38 0.00	39.09 1.25 0.00	40.03 1.43 0.00	41.29 1.70 0.00	44.14 1.94 0.00	50.09 2.52 0.00	60.32 3.25 0.00	60.43 3.37 0.00	57.46 3.25 0.00	51.49 2.82 0.00	47.14 2.54 0.00	42.93 2.31 0.00	38.45 1.08 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.01 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.16 1.50 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.76 2.07 -1.41	41.25 2.04 -1.36	41.70 1.93 -1.17	42.81 2.38 -0.84	45.29 2.11 -0.99	50.25 1.43 -1.25	59.36 1.83 -0.47	59.03 1.54 -0.42	56.21 1.41 -0.59	50.77 1.31 -0.79	47.21 1.60 -1.01	43.12 1.95 -0.56	39.39 2.02 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.01 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.16 1.50 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.76 2.07 -1.41	41.25 2.04 -1.36	41.70 1.93 -1.17	42.81 2.38 -0.84	45.29 2.11 -0.99	50.25 1.43 -1.25	59.36 1.83 -0.47	59.03 1.54 -0.42	56.21 1.41 -0.59	50.77 1.31 -0.79	47.21 1.60 -1.01	43.12 1.95 -0.56	39.39 2.02 -0.01
ASTORIA_GT2_1 24094	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT2_2 24095	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT2_3 24096	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT2_4 24097	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT3_1 24098	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT3_2 24099	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT3_3 24100	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT3_4 24101	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT4_1 24102	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT4_2 24103	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT4_3 24104	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01

ASTORIA_GT4_4 24105	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.02 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.20 1.53 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.87 2.18 -1.41	41.44 2.23 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.33 2.15 -0.98	50.73 1.90 -1.25	59.35 1.83 -0.46	59.20 1.71 -0.43	56.36 1.57 -0.59	50.88 1.41 -0.80	47.26 1.65 -1.01	43.24 2.07 -0.56	39.43 2.06 -0.01
ASTORIA_GT_1 23523	41.97 2.25 -0.88	36.75 1.99 -0.51	35.14 1.68 -0.43	30.73 1.46 -0.12	32.22 1.46 -0.25	34.08 1.33 -0.33	35.63 1.32 -0.37	39.13 1.52 -0.50	40.27 1.61 -1.26	39.51 1.80 -1.81	38.45 1.91 -1.17	39.95 2.25 -1.41	41.52 2.31 -1.36	41.94 2.16 -1.17	42.93 2.49 -0.84	45.46 2.28 -0.98	50.87 2.05 -1.25	59.47 1.94 -0.46	59.32 1.83 -0.43	56.47 1.68 -0.59	51.02 1.56 -0.80	47.40 1.78 -1.01	43.32 2.15 -0.56	39.51 2.13 -0.01
ASTORIA_GT_10 24110	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.04 1.38 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.62 1.81 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	56.04 1.25 -0.59	50.67 1.22 -0.78	47.03 1.43 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
ASTORIA_GT_11 24225	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.04 1.38 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.62 1.81 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	56.04 1.25 -0.59	50.67 1.22 -0.78	47.03 1.43 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
ASTORIA_GT_12 24226	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.04 1.38 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.62 1.81 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	56.04 1.25 -0.59	50.67 1.22 -0.78	47.03 1.43 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
ASTORIA_GT_13 24227	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.04 1.38 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.62 1.81 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	56.04 1.25 -0.59	50.67 1.22 -0.78	47.03 1.43 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
ASTORIA_GT_5 24106	41.97 2.25 -0.88	36.75 1.99 -0.51	35.14 1.68 -0.43	30.73 1.46 -0.12	32.22 1.46 -0.25	34.08 1.33 -0.33	35.63 1.32 -0.37	39.13 1.52 -0.50	40.27 1.61 -1.26	39.51 1.80 -1.81	38.45 1.91 -1.17	39.95 2.25 -1.41	41.52 2.31 -1.36	41.94 2.16 -1.17	42.93 2.49 -0.84	45.46 2.28 -0.98	50.87 2.05 -1.25	59.47 1.94 -0.46	59.32 1.83 -0.43	56.47 1.68 -0.59	51.02 1.56 -0.80	47.40 1.78 -1.01	43.32 2.15 -0.56	39.51 2.13 -0.01
ASTORIA_GT_7 24107	41.97 2.25 -0.88	36.75 1.99 -0.51	35.14 1.68 -0.43	30.73 1.46 -0.12	32.22 1.46 -0.25	34.08 1.33 -0.33	35.63 1.32 -0.37	39.13 1.52 -0.50	40.27 1.61 -1.26	39.51 1.80 -1.81	38.45 1.91 -1.17	39.95 2.25 -1.41	41.52 2.31 -1.36	41.94 2.16 -1.17	42.93 2.49 -0.84	45.46 2.28 -0.98	50.87 2.05 -1.25	59.47 1.94 -0.46	59.32 1.83 -0.43	56.47 1.68 -0.59	51.02 1.56 -0.80	47.40 1.78 -1.01	43.32 2.15 -0.56	39.51 2.13 -0.01
ASTORIA_GT_8 24108	41.97 2.25 -0.88	36.75 1.99 -0.51	35.14 1.68 -0.43	30.73 1.46 -0.12	32.22 1.46 -0.25	34.08 1.33 -0.33	35.63 1.32 -0.37	39.13 1.52 -0.50	40.27 1.61 -1.26	39.51 1.80 -1.81	38.45 1.91 -1.17	39.95 2.25 -1.41	41.52 2.31 -1.36	41.94 2.16 -1.17	42.93 2.49 -0.84	45.46 2.28 -0.98	50.87 2.05 -1.25	59.47 1.94 -0.46	59.32 1.83 -0.43	56.47 1.68 -0.59	51.02 1.56 -0.80	47.40 1.78 -1.01	43.32 2.15 -0.56	39.51 2.13 -0.01
ASTORIA___2 24149	41.89 2.17 -0.88	36.71 1.95 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.01 1.26 -0.33	35.56 1.26 -0.37	39.06 1.45 -0.50	40.16 1.50 -1.26	39.44 1.72 -1.81	38.38 1.84 -1.17	39.76 2.07 -1.41	41.25 2.04 -1.36	41.70 1.93 -1.17	42.81 2.38 -0.84	45.29 2.11 -0.99	50.25 1.43 -1.25	59.36 1.83 -0.47	59.03 1.54 -0.42	56.21 1.41 -0.59	50.77 1.31 -0.79	47.21 1.60 -1.01	43.12 1.95 -0.56	39.39 2.02 -0.01
ASTORIA___3 23516	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.00 1.34 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.57 1.89 -1.41	41.05 1.85 -1.36	41.51 1.74 -1.16	42.56 2.14 -0.83	45.08 1.90 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.78 1.31 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	46.94 1.34 -1.00	42.79 1.63 -0.55	39.05 1.68 0.00
ASTORIA___4 23517	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.04 1.38 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.62 1.81 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	56.04 1.25 -0.59	50.67 1.22 -0.78	47.03 1.43 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
ASTORIA___5 23518	41.54 1.83 -0.88	36.36 1.61 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.00 1.34 -1.25	39.29 1.58 -1.80	38.23 1.70 -1.16	39.57 1.89 -1.41	41.05 1.85 -1.36	41.51 1.74 -1.16	42.56 2.14 -0.83	45.08 1.90 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.78 1.31 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	46.94 1.34 -1.00	42.79 1.63 -0.55	39.05 1.68 0.00
AST_ENERGY_2_CC3 323677	30.72 1.75 9.87	26.18 1.58 9.65	26.18 1.25 8.10	26.18 1.08 4.05	26.18 1.10 5.43	26.18 0.91 7.15	26.18 0.88 8.64	26.18 1.04 11.97	26.18 1.12 12.34	26.18 1.36 11.09	25.43 1.49 11.42	25.43 1.71 12.56	25.43 1.63 14.04	25.43 1.55 14.72	25.43 1.98 16.14	25.92 1.69 17.97	29.98 0.95 18.55	40.35 1.25 17.97	40.01 0.97 18.02	37.13 0.86 17.93	31.74 0.78 17.70	28.21 1.16 17.55	27.63 1.50 14.49	25.43 1.61 13.55
AST_ENERGY_2_CC4 323678	30.72 1.75 9.87	26.18 1.58 9.65	26.18 1.25 8.10	26.18 1.08 4.05	26.18 1.10 5.43	26.18 0.91 7.15	26.18 0.88 8.64	26.18 1.04 11.97	26.18 1.12 12.34	26.18 1.36 11.09	25.43 1.49 11.42	25.43 1.71 12.56	25.43 1.63 14.04	25.43 1.55 14.72	25.43 1.98 16.14	25.92 1.69 17.97	29.98 0.95 18.55	40.35 1.25 17.97	40.01 0.97 18.02	37.13 0.86 17.93	31.74 0.78 17.70	28.21 1.16 17.55	27.63 1.50 14.49	25.43 1.61 13.55

ATHENS_STG_1 23668	39.72 0.50 -0.39	34.92 0.44 -0.22	33.61 0.40 -0.19	29.58 0.38 -0.05	30.95 0.34 -0.11	32.82 0.26 -0.14	34.34 0.24 -0.16	37.70 0.37 -0.22	38.37 0.41 -0.55	37.14 0.43 -0.79	36.34 0.46 -0.51	37.45 0.55 -0.62	38.86 0.42 -0.60	39.50 0.39 -0.51	40.59 0.63 -0.37	43.14 0.51 -0.43	48.46 0.34 -0.55	57.72 0.45 -0.20	57.53 0.29 -0.18	54.68 0.22 -0.26	49.31 0.29 -0.35	45.44 0.40 -0.44	41.30 0.45 -0.24	37.82 0.45 0.00
ATHENS_STG_2 23670	39.72 0.50 -0.39	34.92 0.44 -0.22	33.61 0.40 -0.19	29.58 0.38 -0.05	30.95 0.34 -0.11	32.82 0.26 -0.14	34.34 0.24 -0.16	37.70 0.37 -0.22	38.37 0.41 -0.55	37.14 0.43 -0.79	36.34 0.46 -0.51	37.45 0.55 -0.62	38.86 0.42 -0.60	39.50 0.39 -0.51	40.59 0.63 -0.37	43.14 0.51 -0.43	48.46 0.34 -0.55	57.72 0.45 -0.20	57.53 0.29 -0.18	54.68 0.22 -0.26	49.31 0.29 -0.35	45.44 0.40 -0.44	41.30 0.45 -0.24	37.82 0.45 0.00
ATHENS_STG_3 23677	39.72 0.50 -0.39	34.92 0.44 -0.22	33.61 0.40 -0.19	29.58 0.38 -0.05	30.95 0.34 -0.11	32.82 0.26 -0.14	34.34 0.24 -0.16	37.70 0.37 -0.22	38.37 0.41 -0.55	37.14 0.43 -0.79	36.34 0.46 -0.51	37.45 0.55 -0.62	38.86 0.42 -0.60	39.50 0.39 -0.51	40.59 0.63 -0.37	43.14 0.51 -0.43	48.46 0.34 -0.55	57.72 0.45 -0.20	57.53 0.29 -0.18	54.68 0.22 -0.26	49.31 0.29 -0.35	45.44 0.40 -0.44	41.30 0.45 -0.24	37.82 0.45 0.00
AUBURN____LFGE 323710	42.44 0.39 -3.22	36.99 0.38 -2.36	35.85 0.33 -2.50	31.13 0.29 -1.69	32.74 0.31 -1.93	35.19 0.36 -2.41	36.94 0.41 -2.60	40.38 0.30 -2.98	40.60 0.19 -3.01	37.73 0.07 -1.75	38.06 0.14 -2.55	39.13 0.15 -2.70	40.07 0.19 -2.03	41.03 0.23 -2.20	42.10 0.20 -2.31	45.46 0.30 -2.97	52.31 0.43 -4.30	63.63 0.80 -5.77	65.02 1.08 -6.88	61.69 1.03 -6.46	54.87 0.83 -5.37	49.72 0.76 -4.36	43.06 0.53 -1.92	39.57 0.56 -1.64
BABYLON_RES_REC 323704	41.73 2.02 -0.88	36.46 1.71 -0.50	34.57 1.12 -0.42	30.17 0.90 -0.11	31.39 0.64 -0.24	33.29 0.55 -0.32	35.08 0.78 -0.36	38.60 1.00 -0.49	39.89 1.23 -1.25	39.18 1.47 -1.80	38.47 1.94 -1.16	39.51 1.81 -1.42	40.76 1.55 -1.37	41.43 1.66 -1.17	42.57 2.14 -0.84	44.61 1.44 -0.98	49.62 0.81 -1.24	57.93 0.40 -0.46	57.36 -0.11 -0.41	54.79 0.00 -0.59	49.49 0.05 -0.78	45.77 0.18 -0.99	42.05 0.89 -0.55	38.90 1.53 0.00
BALL_HILL_WT_PWR 323825	40.97 1.16 -0.98	36.18 1.27 -0.66	34.85 1.25 -0.57	30.64 1.17 -0.32	31.92 0.98 -0.44	34.05 1.10 -0.53	35.75 1.19 -0.62	38.34 0.37 -0.86	38.76 0.48 -0.87	36.56 0.25 -0.40	36.90 0.78 -0.75	37.72 0.62 -0.83	39.71 1.32 -0.55	40.97 1.39 -0.98	40.77 0.51 -0.67	43.89 0.47 -1.23	49.91 0.71 -1.62	59.73 0.29 -2.38	60.25 0.34 -2.84	57.38 0.54 -2.63	51.18 0.44 -2.07	46.83 0.67 -1.56	41.85 0.81 -0.43	39.28 1.64 -0.27
BARON_WINDS____WT_PWR 323822	40.94 0.97 -1.14	36.08 1.06 -0.77	34.74 1.06 -0.66	30.46 0.93 -0.38	31.90 0.89 -0.51	34.01 0.97 -0.61	35.72 1.05 -0.72	38.63 0.52 -1.00	38.84 0.41 -1.02	36.44 0.07 -0.46	36.60 0.35 -0.88	37.46 0.22 -0.96	39.12 0.64 -0.64	40.48 0.73 -1.14	40.57 0.20 -0.78	43.89 0.25 -1.44	50.04 0.57 -1.89	60.53 0.69 -2.77	61.29 0.91 -3.31	58.30 1.03 -3.07	51.96 0.88 -2.42	47.36 0.94 -1.82	42.01 0.89 -0.50	39.07 1.38 -0.31
BARRETT_IC_1 23704	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_10 23701	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_11 23702	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_12 23703	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_2 23705	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_3 23706	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_4 23707	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_5 23708	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00

BARRETT_IC_6 23709	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_7 23710	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.14 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.08 0.78 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.19 1.66 -1.16	39.55 1.85 -1.41	41.06 1.85 -1.36	41.44 1.66 -1.17	42.25 1.82 -0.84	44.65 1.48 -0.98	50.43 1.62 -1.24	58.78 1.26 -0.46	58.33 0.86 -0.41	55.39 0.60 -0.59	50.03 0.58 -0.77	46.18 0.58 -0.99	42.34 1.18 -0.55	38.71 1.35 0.00
BARRETT_IC_8 23711	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT_IC_9 23700	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT___1 23545	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BARRETT___2 23546	41.46 1.75 -0.88	36.36 1.61 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.04 0.75 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.23 1.70 -1.16	39.37 1.67 -1.41	40.57 1.36 -1.36	41.20 1.43 -1.17	42.25 1.82 -0.84	44.40 1.22 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.99 0.51 -0.41	55.17 0.38 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	41.85 0.69 -0.55	38.64 1.27 0.00
BATAVIA___115KV_TB1 55881	41.48 1.71 -0.94	36.46 1.58 -0.63	35.06 1.49 -0.55	30.86 1.40 -0.31	32.18 1.25 -0.42	34.20 1.26 -0.51	36.00 1.46 -0.60	38.94 1.00 -0.82	39.14 0.90 -0.84	36.90 0.61 -0.38	37.19 1.10 -0.73	37.95 0.87 -0.79	39.20 0.83 -0.53	40.82 1.27 -0.94	41.15 0.91 -0.65	44.31 0.93 -1.19	49.09 -0.05 -1.56	59.70 0.34 -2.29	60.77 0.97 -2.74	57.45 0.70 -2.54	51.44 0.78 -2.00	47.17 1.07 -1.50	41.92 0.89 -0.41	39.27 1.64 -0.26
BAYONEEC___CTG1 323682	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG10 323750	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG2 323683	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG3 323684	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG4 323685	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG5 323686	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG6 323687	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG7 323688	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00

BAYONEEC___CTG8 323689	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BAYONEEC___CTG9 323749	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.71 0.97 -0.32	35.38 1.09 -0.36	38.94 1.33 -0.49	40.16 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
BEACON___LESR 323632	38.40 0.16 0.59	34.02 0.10 0.33	32.84 0.10 0.28	29.19 0.12 0.07	30.50 0.15 0.16	32.38 0.16 0.21	33.90 0.20 0.24	37.08 0.30 0.33	36.79 0.23 0.84	34.89 0.18 1.20	34.63 0.04 0.78	35.41 0.07 0.94	36.67 -0.26 0.91	37.60 -0.23 0.78	39.03 0.00 0.56	41.45 -0.08 0.66	46.65 -0.09 0.83	56.81 0.06 0.31	56.73 -0.06 0.28	53.70 -0.11 0.39	48.19 0.05 0.52	44.02 0.09 0.67	40.33 0.08 0.37	37.29 -0.07 0.00
BEAVER RIVER___HYD 24048	60.21 0.78 -20.60	52.51 0.72 -17.53	57.59 0.99 -23.58	48.50 0.79 -18.56	49.73 0.91 -18.31	57.24 1.01 -23.81	58.39 1.09 -23.36	59.27 1.15 -21.01	59.34 1.01 -20.92	53.27 0.65 -16.71	52.91 0.28 -17.26	53.64 0.26 -17.11	53.92 0.19 -15.89	40.13 0.12 -1.41	55.62 0.00 -16.03	48.17 0.25 -5.72	63.01 0.52 -14.91	69.76 0.97 -11.73	72.05 1.31 -13.67	69.90 1.46 -14.23	66.59 1.26 -16.66	64.16 1.16 -18.40	60.00 0.89 -18.49	57.77 0.60 -19.80
BEEBEE_GT_13 23619	40.47 0.74 -0.90	35.54 0.69 -0.61	34.18 0.63 -0.53	30.06 0.61 -0.30	31.43 0.52 -0.40	33.40 0.49 -0.49	35.16 0.64 -0.57	38.27 0.37 -0.79	38.55 0.34 -0.81	36.49 0.22 -0.37	36.60 0.53 -0.70	37.48 0.44 -0.76	38.77 0.42 -0.50	40.21 0.69 -0.91	40.73 0.51 -0.62	43.84 0.51 -1.14	49.26 0.19 -1.50	59.78 0.51 -2.20	60.54 0.86 -2.62	57.40 0.76 -2.43	51.26 0.68 -1.91	46.84 0.80 -1.44	41.58 0.57 -0.40	38.51 0.90 -0.25
BENSHRST_27_KV_BENSHRST_1 355998	42.00 2.29 -0.88	36.77 2.02 -0.50	35.13 1.68 -0.42	30.72 1.46 -0.11	32.22 1.46 -0.24	34.14 1.39 -0.32	35.76 1.46 -0.36	39.23 1.63 -0.49	40.30 1.65 -1.25	39.68 1.98 -1.80	38.62 2.09 -1.16	40.08 2.39 -1.41	41.55 2.35 -1.36	42.01 2.24 -1.16	42.96 2.53 -0.83	45.50 2.32 -0.98	51.10 2.28 -1.24	59.47 1.94 -0.46	59.19 1.71 -0.41	56.31 1.52 -0.59	50.96 1.51 -0.78	47.34 1.74 -1.00	43.27 2.11 -0.55	39.54 2.17 0.00
BETHLEHEM___GRP 23843	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.27 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.36 -0.26 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.00 -0.40 0.88	36.47 -0.53 0.85	37.26 -0.62 0.73	38.59 -0.48 0.52	40.95 -0.63 0.61	46.18 -0.62 0.78	55.92 -0.86 0.29	55.83 -0.97 0.26	52.92 -0.92 0.37	47.45 -0.73 0.49	43.35 -0.62 0.63	39.78 -0.49 0.34	36.73 -0.64 0.00
BETHLEHEM___GS1 323560	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.28 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.32 -0.30 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.11 -0.29 0.88	36.32 -0.68 0.85	37.18 -0.69 0.73	38.60 -0.47 0.52	40.95 -0.63 0.61	45.99 -0.81 0.78	55.92 -0.85 0.29	55.83 -0.97 0.26	52.86 -0.97 0.37	47.40 -0.78 0.49	43.35 -0.62 0.63	39.70 -0.57 0.34	36.73 -0.64 0.00
BETHLEHEM___GS2 323561	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.28 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.32 -0.30 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.11 -0.29 0.88	36.32 -0.68 0.85	37.18 -0.69 0.73	38.60 -0.47 0.52	40.95 -0.63 0.61	45.99 -0.81 0.78	55.92 -0.85 0.29	55.83 -0.97 0.26	52.86 -0.97 0.37	47.40 -0.78 0.49	43.35 -0.62 0.63	39.70 -0.57 0.34	36.73 -0.64 0.00
BETHLEHEM___GS3 323562	37.86 -0.43 0.55	33.56 -0.38 0.31	32.40 -0.36 0.26	28.82 -0.26 0.07	30.08 -0.28 0.15	31.93 -0.29 0.20	33.41 -0.31 0.22	36.54 -0.26 0.31	36.32 -0.30 0.79	34.53 -0.25 1.13	34.29 -0.35 0.73	35.11 -0.29 0.88	36.32 -0.68 0.85	37.18 -0.69 0.73	38.60 -0.47 0.52	40.95 -0.63 0.61	45.99 -0.81 0.78	55.92 -0.85 0.29	55.83 -0.97 0.26	52.86 -0.97 0.37	47.40 -0.78 0.49	43.35 -0.62 0.63	39.70 -0.57 0.34	36.73 -0.64 0.00
BETHLEHEM___STEEL 23779	40.86 1.05 -0.98	36.01 1.10 -0.66	34.68 1.09 -0.57	30.52 1.05 -0.32	31.80 0.85 -0.44	33.89 0.94 -0.53	35.51 0.95 -0.62	38.15 0.19 -0.86	38.54 0.26 -0.88	36.34 0.04 -0.40	36.76 0.64 -0.75	37.54 0.44 -0.83	38.73 0.34 -0.55	40.40 0.81 -0.98	40.54 0.28 -0.67	43.60 0.17 -1.23	48.44 -0.76 -1.62	58.82 0.06 -2.38	59.96 -0.33 -2.84	56.52 -0.33 -2.64	50.79 0.05 -2.07	46.52 0.36 -1.56	41.41 0.37 -0.43	39.02 1.38 -0.27
BETHLHEM_115KV_TB1 79974	38.05 -0.27 0.52	33.72 -0.24 0.29	32.54 -0.23 0.25	28.91 -0.17 0.07	30.18 -0.18 0.14	32.04 -0.19 0.19	33.52 -0.20 0.21	36.67 -0.15 0.29	36.48 -0.19 0.74	34.71 -0.14 1.06	34.44 -0.25 0.68	35.17 -0.29 0.83	36.63 -0.42 0.80	37.46 -0.46 0.68	38.75 -0.36 0.49	41.16 -0.46 0.58	46.37 -0.48 0.73	56.11 -0.68 0.27	56.02 -0.80 0.24	53.10 -0.76 0.34	47.62 -0.58 0.46	43.52 -0.49 0.59	39.92 -0.37 0.32	36.88 -0.49 0.00
BETHPAGE_CC_5 323564	41.46 1.75 -0.88	36.29 1.54 -0.50	34.43 0.99 -0.42	30.08 0.82 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.94 0.64 -0.36	38.46 0.85 -0.49	39.70 1.05 -1.25	39.00 1.29 -1.80	38.33 1.80 -1.16	39.37 1.67 -1.42	40.61 1.40 -1.37	41.28 1.50 -1.17	42.37 1.94 -0.84	44.36 1.18 -0.98	49.67 0.86 -1.24	58.33 0.80 -0.46	57.82 0.34 -0.41	55.01 0.22 -0.59	49.69 0.24 -0.78	45.91 0.31 -0.99	41.85 0.69 -0.55	38.68 1.31 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.86 1.05 -0.98	36.01 1.10 -0.66	34.72 1.12 -0.57	30.55 1.08 -0.32	31.83 0.88 -0.44	33.93 0.97 -0.53	35.55 0.98 -0.62	38.16 0.19 -0.86	38.54 0.26 -0.88	36.38 0.07 -0.40	36.80 0.67 -0.76	37.55 0.44 -0.83	38.73 0.34 -0.55	40.40 0.81 -0.99	40.54 0.28 -0.67	43.60 0.17 -1.24	48.49 -0.71 -1.63	58.88 -0.57 -2.39	60.03 0.11 -2.86	56.64 -0.22 -2.65	50.85 0.10 -2.08	46.57 0.40 -1.57	41.45 0.41 -0.43	39.02 1.38 -0.27
BINGHAMTON___COGEN 23790	40.67 0.62 -1.22	35.72 0.65 -0.82	34.39 0.66 -0.71	30.10 0.55 -0.40	31.57 0.52 -0.54	33.66 0.58 -0.65	35.29 0.58 -0.77	38.58 0.41 -1.07	38.90 0.41 -1.09	36.69 0.29 -0.49	36.70 0.39 -0.94	37.75 0.44 -1.03	38.94 0.42 -0.68	40.33 0.50 -1.22	40.82 0.40 -0.83	44.15 0.42 -1.53	49.97 0.38 -2.02	60.71 0.68 -2.96	61.51 0.91 -3.54	58.30 0.81 -3.28	52.02 0.78 -2.58	47.30 0.76 -1.94	41.84 0.69 -0.53	38.53 0.82 -0.33

BIXINCNT_115KV_LOAD 355685	40.96 1.13 -1.00	36.19 1.27 -0.67	34.86 1.25 -0.58	30.62 1.14 -0.33	31.93 0.98 -0.45	34.07 1.10 -0.54	35.80 1.22 -0.64	38.40 0.41 -0.88	38.82 0.52 -0.90	36.57 0.25 -0.41	36.99 0.85 -0.77	37.78 0.65 -0.85	38.93 0.53 -0.56	40.54 0.93 -1.01	40.67 0.40 -0.69	43.75 0.30 -1.26	48.81 -0.43 -1.66	59.39 -0.11 -2.44	60.60 0.63 -2.91	57.18 0.27 -2.70	51.28 0.49 -2.12	46.87 0.67 -1.60	41.66 0.61 -0.44	39.21 1.57 -0.28
BLACK RIVER___HYD 24047	55.41 1.36 -15.22	48.20 1.17 -12.78	51.21 1.32 -16.86	43.34 1.05 -13.14	44.82 1.22 -13.09	50.66 1.26 -16.97	52.09 1.39 -16.76	53.98 1.49 -15.38	53.98 1.23 -15.34	48.64 0.79 -11.94	48.51 0.46 -12.69	49.41 0.47 -12.65	49.79 0.42 -11.53	40.97 0.39 -1.98	51.59 0.24 -11.76	48.08 0.67 -5.21	60.67 1.14 -11.95	69.48 1.88 -10.53	71.75 2.34 -12.35	69.22 2.49 -12.52	64.48 2.19 -13.62	60.91 2.01 -14.30	55.36 1.54 -13.20	52.55 1.23 -13.94
BLACKRVR_115KV_TB2 79977	55.41 1.36 -15.22	48.19 1.16 -12.78	51.21 1.32 -16.86	43.34 1.05 -13.14	44.82 1.22 -13.09	50.66 1.26 -16.97	52.09 1.39 -16.76	53.98 1.48 -15.38	53.98 1.23 -15.34	48.64 0.79 -11.94	48.55 0.50 -12.69	49.41 0.47 -12.65	49.71 0.34 -11.53	40.93 0.35 -1.98	51.58 0.24 -11.76	48.04 0.63 -5.21	60.62 1.09 -11.95	69.42 1.83 -10.53	71.75 2.34 -12.35	69.16 2.44 -12.52	64.48 2.19 -13.62	60.91 2.01 -14.30	55.32 1.50 -13.20	52.51 1.20 -13.94
BLDWN_LI_69_KV_BK4 356085	41.69 1.98 -0.88	36.50 1.75 -0.50	34.63 1.19 -0.42	30.25 0.99 -0.11	31.51 0.76 -0.24	33.42 0.68 -0.32	35.18 0.88 -0.36	38.64 1.04 -0.49	39.97 1.31 -1.25	39.25 1.54 -1.80	38.44 1.91 -1.16	39.84 2.14 -1.42	41.37 2.16 -1.37	41.79 2.01 -1.17	42.65 2.22 -0.84	45.03 1.86 -0.98	50.86 2.05 -1.24	59.35 1.83 -0.46	58.85 1.37 -0.41	55.87 1.08 -0.59	50.42 0.97 -0.78	46.53 0.94 -1.00	42.71 1.54 -0.55	38.98 1.61 0.00
BLISS_WT_PWR 323608	40.96 1.13 -1.00	36.19 1.27 -0.67	34.89 1.29 -0.58	30.65 1.17 -0.33	31.93 0.98 -0.45	34.10 1.13 -0.54	35.86 1.29 -0.64	38.43 0.45 -0.88	38.86 0.56 -0.90	36.60 0.29 -0.41	36.95 0.81 -0.77	37.78 0.65 -0.85	39.73 1.32 -0.56	40.96 1.35 -1.01	40.75 0.48 -0.69	43.92 0.47 -1.26	49.95 0.71 -1.66	59.91 0.40 -2.44	60.54 0.57 -2.91	57.66 0.76 -2.70	51.38 0.59 -2.12	46.91 0.71 -1.60	41.91 0.85 -0.44	39.33 1.68 -0.28
BLUESTONE___WT_PWR 323821	42.14 2.25 -1.05	36.91 1.95 -0.71	35.52 1.88 -0.61	31.07 1.57 -0.35	32.69 1.71 -0.47	34.77 1.78 -0.57	36.51 1.90 -0.67	39.96 1.93 -0.92	40.10 1.76 -0.94	37.70 1.36 -0.43	37.52 1.34 -0.81	38.62 1.45 -0.89	39.91 1.47 -0.59	41.16 1.50 -1.06	41.66 1.35 -0.72	45.33 1.81 -1.32	51.74 2.43 -1.74	62.99 3.37 -2.56	63.66 3.54 -3.06	60.56 3.52 -2.83	54.06 3.16 -2.23	49.14 2.86 -1.68	43.47 2.40 -0.46	39.94 2.28 -0.29
BLUE_CIRC_CHEM_DRP 24182	38.76 0.27 0.34	34.30 0.24 0.20	33.09 0.23 0.16	29.34 0.23 0.04	30.66 0.24 0.09	32.56 0.26 0.12	34.04 0.24 0.14	37.18 0.26 0.19	37.06 0.15 0.49	35.24 0.04 0.70	34.84 -0.07 0.45	35.48 -0.25 0.55	37.01 -0.30 0.53	37.84 -0.31 0.45	39.07 -0.20 0.32	41.56 -0.25 0.38	46.04 -1.05 0.48	55.63 -1.26 0.18	55.59 -1.31 0.16	52.78 -1.19 0.23	47.34 -1.02 0.31	43.36 -0.85 0.39	39.67 -0.73 0.21	36.58 -0.78 0.00
BOC_GAS_DRP 24189	38.63 0.12 0.32	34.17 0.10 0.19	32.97 0.10 0.16	29.22 0.12 0.04	30.51 0.09 0.09	32.37 0.06 0.12	33.87 0.07 0.13	37.04 0.11 0.18	37.05 0.11 0.46	35.39 0.14 0.67	35.04 0.11 0.43	35.83 0.07 0.52	37.38 0.04 0.50	38.14 -0.04 0.43	39.36 0.08 0.31	41.83 0.00 0.36	47.07 -0.05 0.46	56.72 -0.17 0.17	56.57 -0.34 0.15	53.72 -0.27 0.22	48.18 -0.19 0.29	44.14 -0.09 0.37	40.41 0.00 0.20	37.29 -0.07 0.00
BOONVILLE_115KV_TB1 79983	47.71 0.78 -8.10	41.79 0.69 -6.86	43.04 0.86 -9.15	37.03 0.70 -7.18	38.41 0.79 -7.10	42.50 0.84 -9.23	43.94 0.92 -9.08	46.30 0.96 -8.23	46.46 0.86 -8.20	43.01 0.61 -6.49	42.53 0.39 -6.77	43.41 0.40 -6.73	44.35 0.30 -6.20	39.66 0.31 -0.74	46.11 0.24 -6.28	45.11 0.46 -2.45	54.34 0.71 -6.05	63.20 1.14 -4.99	64.21 1.31 -5.83	61.61 1.41 -6.00	56.75 1.27 -6.81	53.05 1.07 -7.38	48.64 0.85 -7.17	45.65 0.64 -7.64
BORALEX_4TH_BRANCH 23824	37.88 0.82 1.77	33.96 0.72 1.01	32.80 0.63 0.85	29.51 0.58 0.23	30.57 0.55 0.49	32.30 0.52 0.64	33.93 0.71 0.72	37.16 1.04 0.99	35.88 1.01 2.53	33.29 1.01 3.63	33.73 0.71 2.34	34.32 0.87 2.84	35.98 0.87 2.73	37.07 0.81 2.34	38.90 0.99 1.68	41.19 0.97 1.98	46.45 1.38 2.50	57.73 1.60 0.93	57.77 1.54 0.84	54.43 1.41 1.18	48.40 1.31 1.58	43.83 1.25 2.02	40.56 1.06 1.11	38.04 0.67 0.00
BOWLINE___1 23526	41.03 1.36 -0.84	35.96 1.23 -0.48	34.41 0.99 -0.40	30.07 0.82 -0.11	31.53 0.79 -0.23	33.47 0.75 -0.30	35.09 0.81 -0.34	38.58 1.00 -0.47	39.72 1.12 -1.19	38.85 1.22 -1.71	37.75 1.27 -1.11	39.08 1.45 -1.34	40.50 1.36 -1.29	41.03 1.31 -1.11	42.01 1.62 -0.79	44.57 1.44 -0.94	49.99 1.23 -1.18	59.05 1.54 -0.44	58.77 1.31 -0.40	55.95 1.19 -0.56	50.58 1.17 -0.75	46.76 1.20 -0.95	42.44 1.30 -0.52	38.68 1.31 0.00
BOWLINE___2 23595	41.03 1.36 -0.84	35.96 1.23 -0.48	34.41 0.99 -0.40	30.07 0.82 -0.11	31.53 0.79 -0.23	33.47 0.75 -0.30	35.09 0.81 -0.34	38.58 1.00 -0.47	39.72 1.12 -1.19	38.85 1.22 -1.71	37.75 1.27 -1.11	39.08 1.45 -1.34	40.50 1.36 -1.29	41.02 1.31 -1.11	42.01 1.62 -0.79	44.57 1.44 -0.93	49.99 1.23 -1.18	59.05 1.54 -0.44	58.77 1.31 -0.40	55.90 1.14 -0.56	50.53 1.12 -0.75	46.76 1.20 -0.95	42.44 1.30 -0.52	38.64 1.27 0.00
BRADY___115KV_TB2 356060	107.36 0.97 -67.56	93.22 0.79 -58.18	113.26 0.79 -79.45	92.83 0.67 -63.02	93.00 0.79 -61.70	113.75 0.91 -80.42	113.36 0.92 -78.50	107.63 1.08 -69.45	107.53 1.05 -69.08	93.22 0.97 -56.34	93.14 0.92 -56.86	93.20 0.87 -56.05	91.66 0.91 -52.90	40.52 0.81 -1.10	93.36 0.83 -52.93	58.23 0.97 -15.06	94.09 1.14 -45.37	90.00 1.48 -31.45	95.00 1.54 -36.40	94.84 1.52 -39.11	99.68 1.31 -49.70	103.38 1.07 -57.71	103.96 0.97 -62.37	105.79 0.90 -67.52
BRANSCOMB___SOLAR 323811	38.81 0.82 0.84	34.56 0.79 0.48	33.34 0.73 0.40	29.68 0.64 0.11	30.98 0.70 0.23	32.80 0.68 0.30	34.31 0.71 0.34	37.49 0.85 0.47	36.87 0.67 1.20	34.69 0.50 1.73	34.43 0.18 1.12	35.15 0.22 1.35	36.70 0.15 1.30	37.72 0.23 1.12	39.23 0.44 0.80	41.72 0.47 0.94	47.10 0.71 1.19	57.82 1.20 0.44	57.98 1.31 0.40	54.94 1.30 0.56	49.18 1.26 0.75	44.89 1.25 0.96	41.14 1.05 0.53	38.23 0.86 0.00
BRDGHMPT_69_KV_BK1 55812	42.04 2.33 -0.88	36.67 1.92 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.45 0.70 -0.24	33.39 0.65 -0.32	35.18 0.88 -0.36	38.79 1.19 -0.49	40.19 1.53 -1.25	39.50 1.80 -1.80	38.90 2.37 -1.16	40.35 2.65 -1.41	41.97 2.76 -1.36	42.55 2.78 -1.17	43.60 3.17 -0.84	45.96 2.78 -0.98	52.05 3.24 -1.24	60.61 3.08 -0.46	59.93 2.45 -0.41	56.69 1.90 -0.59	51.00 1.56 -0.77	46.93 1.34 -0.99	43.19 2.03 -0.55	39.39 2.02 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.00 2.29 -0.88	36.67 1.92 -0.50	34.73 1.29 -0.42	30.31 1.05 -0.11	31.51 0.76 -0.24	33.46 0.71 -0.32	35.25 0.95 -0.36	38.79 1.19 -0.49	40.15 1.50 -1.25	39.40 1.69 -1.80	38.69 2.16 -1.16	40.09 2.39 -1.41	41.67 2.46 -1.36	42.13 2.35 -1.17	43.05 2.61 -0.84	45.29 2.11 -0.98	51.24 2.43 -1.24	59.70 2.17 -0.46	59.19 1.71 -0.41	56.09 1.30 -0.59	50.61 1.17 -0.77	46.62 1.03 -0.99	42.99 1.83 -0.55	39.24 1.87 0.00
BRISTLHL_115KV_TB1 79998	41.69 -0.12 -2.98	36.47 -0.07 -2.29	35.56 -0.10 -2.64	30.99 -0.06 -1.90	32.46 -0.09 -2.04	34.92 -0.10 -2.59	36.53 -0.10 -2.69	39.76 -0.19 -2.84	40.00 -0.26 -2.86	37.41 -0.36 -1.86	37.45 -0.32 -2.40	38.45 -0.33 -2.49	39.51 -0.34 -2.00	39.82 -0.27 -1.49	41.47 -0.32 -2.19	44.12 -0.25 -2.17	50.77 -0.24 -3.44	61.20 -0.11 -4.25	62.17 0.06 -5.06	59.07 0.05 -4.81	52.87 0.00 -4.21	48.27 0.04 -3.62	42.62 -0.04 -2.04	39.29 0.00 -1.92
BROOKHAVEN___DRP 24191	41.46 1.75 -0.88	36.16 1.40 -0.50	34.24 0.79 -0.42	29.87 0.61 -0.11	31.06 0.31 -0.24	32.94 0.19 -0.32	34.74 0.44 -0.36	38.23 0.63 -0.49	39.59 0.94 -1.25	38.86 1.15 -1.80	38.16 1.63 -1.16	39.55 1.85 -1.41	41.10 1.89 -1.36	41.59 1.81 -1.17	42.53 2.10 -0.84	44.82 1.65 -0.98	50.72 1.90 -1.24	59.13 1.60 -0.46	58.50 1.03 -0.41	55.50 0.70 -0.59	49.98 0.54 -0.77	46.04 0.45 -0.99	42.46 1.30 -0.55	38.71 1.35 0.00
BROOKLYN_NAVY_YARD 23515	41.57 1.86 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.41 1.12 -0.36	38.98 1.37 -0.49	40.23 1.57 -1.25	39.43 1.72 -1.80	38.30 1.77 -1.16	39.65 1.96 -1.41	41.13 1.93 -1.36	41.66 1.89 -1.16	42.68 2.26 -0.83	45.20 2.03 -0.98	50.58 1.76 -1.24	59.58 2.05 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	50.96 1.51 -0.78	47.12 1.52 -1.00	42.87 1.71 -0.55	39.05 1.68 0.00
BROOKLYN___ARMY_DRP 323595	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
BROOME_2_LFGE 323671	40.67 0.62 -1.22	35.72 0.65 -0.82	34.39 0.66 -0.71	30.10 0.55 -0.40	31.57 0.52 -0.54	33.66 0.58 -0.65	35.32 0.61 -0.77	38.58 0.61 -1.07	38.90 0.41 -1.09	36.69 0.29 -0.49	36.70 0.39 -0.94	37.71 0.40 -1.03	39.09 0.57 -0.68	40.41 0.58 -1.22	40.86 0.44 -0.83	44.19 0.47 -1.53	50.21 0.62 -2.02	60.88 0.86 -2.96	61.46 0.86 -3.54	58.35 0.86 -3.28	52.02 0.78 -2.58	47.30 0.76 -1.94	41.84 0.69 -0.53	38.56 0.86 -0.33
BROOME___LFGE 323600	40.67 0.62 -1.22	35.72 0.65 -0.82	34.39 0.66 -0.71	30.10 0.55 -0.40	31.57 0.52 -0.54	33.66 0.58 -0.65	35.32 0.61 -0.77	38.58 0.41 -1.07	38.90 0.41 -1.09	36.69 0.29 -0.49	36.70 0.39 -0.94	37.71 0.40 -1.03	39.09 0.57 -0.68	40.41 0.58 -1.22	40.86 0.44 -0.83	44.19 0.47 -1.53	50.21 0.62 -2.02	60.88 0.86 -2.96	61.46 0.86 -3.54	58.35 0.86 -3.28	52.02 0.78 -2.58	47.30 0.76 -1.94	41.84 0.69 -0.53	38.56 0.86 -0.33
BROWNFLS_115KV_TB_3_5 80003	75.52 0.78 -35.91	65.72 0.69 -30.78	75.66 0.86 -41.78	62.89 0.70 -33.04	63.78 0.82 -32.44	75.58 0.91 -42.25	76.22 0.95 -41.33	74.99 1.08 -36.80	75.04 1.01 -36.62	66.32 0.79 -29.62	66.10 0.57 -30.17	66.63 0.54 -29.81	66.29 0.49 -27.95	40.36 0.42 -1.33	68.01 0.36 -28.06	51.49 0.51 -8.79	73.06 0.62 -24.87	76.13 0.86 -18.21	79.29 1.08 -21.14	77.74 1.14 -22.40	77.11 0.97 -27.47	76.82 0.98 -31.24	74.21 0.81 -32.79	73.35 0.64 -35.34
BROWNSV1_27_KV_LOAD 356125	41.96 2.25 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.57 1.31 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.65 1.36 -0.36	39.23 1.63 -0.49	40.49 1.83 -1.25	39.68 1.98 -1.80	38.58 2.05 -1.16	40.05 2.36 -1.41	41.66 2.46 -1.36	42.12 2.35 -1.16	43.04 2.61 -0.83	45.67 2.49 -0.98	51.38 2.57 -1.24	60.10 2.57 -0.46	60.04 2.57 -0.41	56.96 2.17 -0.59	51.54 2.09 -0.78	47.61 2.01 -1.00	43.35 2.19 -0.55	39.39 2.02 0.00
BURROWS___LYONSDAL 23803	50.12 0.74 -10.55	43.89 0.69 -8.95	45.90 0.89 -11.98	39.29 0.73 -9.41	40.64 0.82 -9.30	45.39 0.88 -12.09	46.77 0.95 -11.88	48.89 1.04 -10.74	49.00 0.90 -10.70	45.01 0.61 -8.49	44.55 0.35 -8.83	45.37 0.33 -8.76	46.17 0.23 -8.10	39.67 0.19 -0.87	47.91 0.12 -8.20	45.62 0.34 -3.09	55.98 0.62 -7.79	64.40 1.03 -6.31	65.69 1.26 -7.37	63.17 1.36 -7.61	58.63 1.22 -8.75	55.21 1.07 -9.54	50.78 0.77 -9.39	47.96 0.56 -10.03
CAITHNESS_CC_1 323624	41.46 1.75 -0.88	36.16 1.40 -0.50	34.24 0.79 -0.42	29.87 0.61 -0.11	31.06 0.31 -0.24	32.94 0.20 -0.32	34.74 0.44 -0.36	38.23 0.63 -0.49	39.55 0.90 -1.25	38.86 1.15 -1.80	38.19 1.66 -1.16	39.15 1.45 -1.41	40.38 1.17 -1.36	41.09 1.31 -1.17	42.29 1.86 -0.84	44.23 1.06 -0.98	49.62 0.81 -1.24	58.27 0.74 -0.46	57.65 0.17 -0.41	54.79 0.00 -0.59	49.49 0.05 -0.77	45.68 0.09 -0.99	41.65 0.49 -0.55	38.60 1.23 0.00
CALPINE BETH_PAGE_GT4 24209	41.50 1.79 -0.88	36.29 1.54 -0.50	34.44 0.99 -0.42	30.08 0.82 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.45 0.85 -0.49	39.74 1.08 -1.25	39.04 1.33 -1.80	38.30 1.77 -1.16	39.66 1.96 -1.42	41.18 1.97 -1.37	41.59 1.81 -1.17	42.45 2.02 -0.84	44.57 1.39 -0.98	50.39 1.57 -1.24	58.73 1.20 -0.46	58.22 0.74 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.78	46.04 0.45 -1.00	42.46 1.30 -0.55	38.79 1.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.50 1.79 -0.88	36.29 1.54 -0.50	34.43 0.99 -0.42	30.08 0.82 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.46 0.85 -0.49	39.74 1.09 -1.25	39.04 1.33 -1.80	38.33 1.80 -1.16	39.41 1.71 -1.42	40.65 1.44 -1.37	41.32 1.55 -1.17	42.37 1.94 -0.84	44.32 1.14 -0.98	49.67 0.86 -1.24	58.27 0.74 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.69 0.24 -0.78	45.91 0.31 -1.00	41.89 0.73 -0.55	38.68 1.31 0.00
CALPINE_BP_GT1 23823	41.50 1.79 -0.88	36.29 1.54 -0.50	34.43 0.99 -0.42	30.08 0.82 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.46 0.85 -0.49	39.74 1.09 -1.25	39.04 1.33 -1.80	38.33 1.80 -1.16	39.41 1.71 -1.42	40.65 1.44 -1.37	41.32 1.55 -1.17	42.37 1.94 -0.84	44.32 1.14 -0.98	49.67 0.86 -1.24	58.27 0.74 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.69 0.24 -0.78	45.91 0.31 -1.00	41.89 0.73 -0.55	38.68 1.31 0.00
CALSPAN___DRP 24200	40.86 1.05 -0.98	36.01 1.10 -0.66	34.68 1.09 -0.57	30.52 1.05 -0.32	31.80 0.85 -0.44	33.89 0.94 -0.53	35.51 0.95 -0.62	38.15 0.19 -0.86	38.54 0.26 -0.88	36.34 0.04 -0.40	36.76 0.64 -0.75	37.54 0.44 -0.83	38.73 0.34 -0.55	40.40 0.81 -0.98	40.54 0.28 -0.67	43.60 0.17 -1.23	48.44 -0.76 -1.62	58.82 -0.63 -2.38	59.96 0.06 -2.84	56.52 -0.33 -2.64	50.79 0.05 -2.07	46.52 0.36 -1.56	41.41 0.37 -0.43	39.02 1.38 -0.27

CALVERTON___SOLAR 323806	41.50 1.79 -0.88	36.22 1.47 -0.50	34.27 0.83 -0.42	29.93 0.67 -0.11	31.09 0.34 -0.24	32.97 0.23 -0.32	34.77 0.47 -0.36	38.27 0.67 -0.49	39.59 0.94 -1.25	38.89 1.18 -1.80	38.23 1.70 -1.16	39.19 1.49 -1.41	40.42 1.21 -1.36	41.16 1.39 -1.17	42.41 1.98 -0.84	44.36 1.18 -0.98	49.82 1.00 -1.24	58.50 0.97 -0.46	57.88 0.40 -0.41	54.95 0.16 -0.59	49.64 0.20 -0.77	45.77 0.18 -0.99	41.73 0.57 -0.55	38.68 1.31 0.00
CANDIGU_WT_PWR 323617	40.94 0.97 -1.14	36.08 1.06 -0.77	34.74 1.06 -0.66	30.46 0.93 -0.38	31.90 0.89 -0.51	34.01 0.97 -0.61	35.72 1.05 -0.72	38.63 0.52 -1.00	38.84 0.41 -1.02	36.44 0.07 -0.46	36.60 0.35 -0.88	37.46 0.22 -0.96	39.12 0.64 -0.64	40.48 0.73 -1.14	40.57 0.20 -0.78	43.89 0.25 -1.44	50.04 0.57 -1.89	60.53 0.69 -2.77	61.29 0.91 -3.31	58.30 1.03 -3.07	51.96 0.88 -2.42	47.36 0.94 -1.82	42.01 0.89 -0.50	39.07 1.38 -0.31
CARR STREET_E_SYR 24060	41.75 -0.27 -3.18	36.47 -0.20 -2.43	35.54 -0.23 -2.75	30.93 -0.17 -1.96	32.42 -0.21 -2.12	34.89 -0.23 -2.69	36.52 -0.24 -2.81	39.79 -0.33 -3.02	40.03 -0.41 -3.04	37.38 -0.47 -1.93	37.54 -0.39 -2.56	38.55 -0.40 -2.67	39.66 -0.30 -2.11	40.05 -0.27 -1.71	41.56 -0.36 -2.33	44.31 -0.34 -2.45	51.14 -0.24 -3.80	61.57 -0.28 -4.79	62.53 -0.23 -5.70	59.45 -0.16 -5.40	53.14 -0.19 -4.67	48.43 -0.13 -3.97	42.54 -0.20 -2.12	39.18 -0.15 -1.96
CARTHAGE___PAPER 23857	57.18 1.05 -17.30	49.80 0.93 -14.62	53.61 1.12 -19.46	45.29 0.90 -15.24	46.65 1.04 -15.11	53.18 1.13 -19.62	54.48 1.22 -19.32	55.97 1.30 -17.56	56.03 1.12 -17.50	50.42 0.72 -13.79	50.18 0.35 -14.46	50.99 0.33 -14.38	51.32 0.27 -13.21	40.56 0.19 -1.76	53.08 0.08 -13.41	48.02 0.42 -5.41	61.48 0.81 -13.09	69.43 1.37 -10.99	71.69 1.77 -12.86	69.33 1.95 -13.18	65.17 1.70 -14.80	62.05 1.56 -15.89	57.04 1.18 -15.25	54.44 0.86 -16.21
CASSADAGA_WT_PWR 323784	41.65 1.83 -0.99	36.80 1.88 -0.67	35.45 1.85 -0.58	31.17 1.69 -0.33	32.45 1.49 -0.45	34.61 1.65 -0.53	36.47 1.90 -0.63	39.13 1.15 -0.87	39.57 1.27 -0.89	37.28 0.97 -0.40	37.69 1.55 -0.77	38.50 1.38 -0.84	40.59 2.19 -0.56	41.80 2.20 -1.00	41.58 1.30 -0.68	44.84 1.39 -1.25	50.99 1.76 -1.65	61.20 1.71 -2.42	61.78 1.83 -2.89	58.84 1.95 -2.68	52.38 1.60 -2.11	47.75 1.56 -1.59	42.63 1.58 -0.44	39.92 2.28 -0.27
CE_DUNWOOD___DRP 24194	41.26 1.55 -0.88	36.12 1.37 -0.50	34.53 1.09 -0.42	30.19 0.93 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.25 0.95 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.11 1.40 -1.80	38.01 1.49 -1.16	39.43 1.74 -1.40	40.98 1.78 -1.35	41.42 1.66 -1.16	42.32 1.90 -0.83	44.91 1.73 -0.98	50.62 1.81 -1.24	59.24 1.71 -0.46	59.07 1.60 -0.41	56.25 1.46 -0.58	50.86 1.41 -0.78	46.98 1.38 -1.00	42.75 1.58 -0.55	38.83 1.46 0.00
CE_MILLWOOD___DRP 24193	41.18 1.48 -0.87	36.05 1.30 -0.50	34.50 1.06 -0.42	30.13 0.87 -0.11	31.63 0.88 -0.24	33.55 0.81 -0.32	35.18 0.88 -0.36	38.67 1.08 -0.49	39.89 1.23 -1.25	39.03 1.33 -1.79	37.90 1.38 -1.16	39.35 1.67 -1.40	40.90 1.70 -1.35	41.34 1.58 -1.16	42.20 1.78 -0.83	44.82 1.65 -0.98	50.52 1.71 -1.23	59.18 1.65 -0.46	59.02 1.54 -0.41	56.14 1.36 -0.58	50.81 1.36 -0.78	46.94 1.34 -1.00	42.70 1.54 -0.55	38.75 1.38 0.00
CE_NYC2_DRP 24202	41.54 1.83 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.78 1.04 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.08 1.42 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.72 2.03 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.16 1.98 -0.98	50.67 1.86 -1.24	59.18 1.65 -0.46	58.96 1.48 -0.41	56.09 1.30 -0.59	50.71 1.27 -0.78	47.08 1.47 -1.00	42.95 1.79 -0.55	39.09 1.72 0.00
CE_NYC_DRP 24195	41.61 1.90 -0.88	36.43 1.68 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.81 1.07 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.27 1.61 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.79 2.10 -1.41	41.40 2.20 -1.36	41.81 2.05 -1.16	42.76 2.34 -0.83	45.33 2.15 -0.98	51.00 2.19 -1.24	59.64 2.11 -0.46	59.47 2.00 -0.41	56.53 1.73 -0.59	51.15 1.70 -0.78	47.30 1.69 -1.00	43.07 1.91 -0.55	39.13 1.76 0.00
CHAFFEE___LFGE 323603	40.87 1.05 -0.99	36.01 1.10 -0.67	34.69 1.09 -0.58	30.52 1.05 -0.33	31.81 0.85 -0.44	33.90 0.94 -0.53	35.58 1.02 -0.63	38.16 0.19 -0.87	38.63 0.34 -0.89	36.38 0.07 -0.40	36.77 0.64 -0.76	37.56 0.44 -0.84	39.57 1.17 -0.55	40.87 1.27 -0.99	40.67 0.40 -0.68	43.78 0.34 -1.25	49.79 0.57 -1.64	59.47 0.00 -2.41	60.05 0.11 -2.88	57.15 0.27 -2.67	51.01 0.24 -2.10	46.63 0.45 -1.58	41.70 0.65 -0.43	39.14 1.50 -0.27
CHATEAUG_35_KV_LOAD 355732	47.28 0.78 -7.67	41.58 0.72 -6.61	42.71 0.66 -9.02	36.89 0.58 -7.16	38.19 0.67 -7.01	42.40 0.84 -9.13	43.70 0.85 -8.92	46.04 1.04 -7.89	46.37 1.12 -7.85	43.42 1.11 -6.40	42.89 1.06 -6.46	43.77 1.12 -6.37	44.88 1.02 -6.01	39.73 1.00 -0.13	46.63 1.03 -6.01	45.00 1.10 -1.71	53.73 1.00 -5.15	61.84 1.20 -3.57	62.34 1.14 -4.13	59.62 0.98 -4.44	55.19 0.88 -5.65	51.60 0.45 -6.55	48.14 0.45 -7.08	45.64 0.60 -7.67
CHATEAUG_WT_PWR 323614	42.51 0.70 -2.98	37.47 0.65 -2.57	37.15 0.63 -3.50	32.48 0.55 -2.78	33.87 0.64 -2.72	36.75 0.78 -3.55	38.21 0.81 -3.46	41.17 1.00 -3.06	41.54 1.09 -3.05	39.47 1.08 -2.48	38.90 1.03 -2.51	39.81 1.05 -2.47	41.16 0.98 -2.33	39.62 0.97 -0.05	42.92 0.99 -2.33	43.92 1.06 -0.66	50.48 0.90 -2.00	59.36 0.91 -1.39	59.64 0.97 -1.61	56.74 0.81 -1.73	51.59 0.73 -2.19	47.72 0.58 -2.55	44.26 0.89 -2.75	40.94 0.60 -2.98
CHAT_HIGH_FALL_HYD 323578	47.28 0.78 -7.67	41.58 0.72 -6.61	42.71 0.66 -9.02	36.89 0.58 -7.16	38.19 0.67 -7.01	42.40 0.84 -9.13	43.70 0.85 -8.92	46.04 1.04 -7.89	46.37 1.12 -7.85	43.42 1.11 -6.40	42.89 1.06 -6.46	43.77 1.12 -6.37	44.88 1.02 -6.01	39.73 1.00 -0.13	46.63 1.03 -6.01	45.00 1.10 -1.71	53.73 1.00 -5.15	61.84 1.20 -3.57	62.34 1.14 -4.13	59.62 0.98 -4.44	55.19 0.88 -5.65	51.60 0.45 -6.55	48.14 0.45 -7.08	45.64 0.60 -7.67
CHAUTAUQUA___LFGE 323629	41.37 1.55 -0.99	36.53 1.61 -0.66	35.22 1.62 -0.57	30.93 1.46 -0.33	32.26 1.31 -0.44	34.38 1.43 -0.53	36.16 1.60 -0.63	38.79 0.82 -0.86	39.26 0.97 -0.88	36.96 0.65 -0.40	37.33 1.20 -0.76	38.17 1.05 -0.83	40.21 1.82 -0.55	41.45 1.85 -0.99	41.22 0.95 -0.68	44.41 0.97 -1.24	50.49 1.29 -1.63	60.55 1.08 -2.40	61.13 1.20 -2.87	58.16 1.30 -2.66	51.88 1.12 -2.09	47.33 1.16 -1.57	42.34 1.30 -0.43	39.66 2.02 -0.27
CHERRYST_13_KV_LD 356241	41.77 2.06 -0.88	36.53 1.78 -0.50	34.90 1.45 -0.42	30.48 1.22 -0.11	32.00 1.25 -0.24	33.91 1.17 -0.32	35.55 1.26 -0.36	39.12 1.52 -0.49	40.38 1.72 -1.25	39.58 1.87 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.51 2.31 -1.36	41.97 2.20 -1.16	42.92 2.49 -0.83	45.50 2.32 -0.98	51.19 2.38 -1.24	59.87 2.17 -0.46	59.65 2.34 -0.41	56.74 1.95 -0.59	51.35 1.90 -0.78	47.43 1.83 -1.00	43.19 2.03 -0.55	39.24 1.87 0.00

CHESTROR_138KV_BK263 355645	40.73 1.13 -0.77	35.72 1.03 -0.44	34.25 0.86 -0.37	29.98 0.73 -0.10	31.42 0.70 -0.21	33.35 0.65 -0.28	34.93 0.68 -0.32	38.36 0.82 -0.43	39.45 0.94 -1.11	38.47 0.97 -1.59	37.42 1.03 -1.03	38.76 1.23 -1.24	40.33 1.29 -1.20	40.83 1.20 -1.03	41.67 1.35 -0.73	44.29 1.22 -0.87	50.00 1.33 -1.10	58.73 1.26 -0.41	58.68 1.26 -0.37	55.86 1.14 -0.52	50.48 1.12 -0.69	46.60 1.12 -0.89	42.36 1.26 -0.48	38.49 1.12 0.00
CH_MIDHUDSON___DRP 24192	40.66 1.24 -0.59	35.68 1.10 -0.33	34.23 0.92 -0.28	30.04 0.82 -0.07	31.46 0.79 -0.16	33.38 0.75 -0.21	34.96 0.78 -0.24	38.37 0.93 -0.33	39.29 1.05 -0.84	38.23 1.11 -1.21	37.28 1.13 -0.78	38.57 1.34 -0.94	40.15 1.40 -0.91	40.73 1.35 -0.78	41.69 1.54 -0.56	44.29 1.43 -0.66	49.98 1.57 -0.83	58.92 1.54 -0.31	58.77 1.43 -0.28	55.90 1.30 -0.39	50.46 1.27 -0.52	46.52 1.25 -0.67	42.36 1.38 -0.37	38.60 1.23 0.00
CH_MISC_IPPS 23765	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.23 0.99 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.67 1.19 -0.38	39.60 1.23 -0.96	38.58 1.29 -1.38	37.60 1.34 -0.89	38.85 1.49 -1.08	40.32 1.44 -1.04	40.96 1.47 -0.89	41.97 1.74 -0.64	44.64 1.69 -0.75	50.19 1.66 -0.95	59.42 2.00 -0.36	59.21 1.83 -0.32	56.34 1.68 -0.45	50.82 1.56 -0.60	46.89 1.52 -0.77	42.62 1.58 -0.42	38.87 1.50 0.00
CH_RES_BVR_FALLS 23983	36.96 -0.08 1.79	32.64 -0.07 1.55	30.88 -0.03 2.11	27.45 -0.03 1.67	28.87 0.00 1.64	30.32 0.03 2.14	31.89 0.03 2.09	35.34 0.07 1.85	35.64 0.07 1.84	34.52 0.11 1.50	33.96 0.11 1.51	34.87 0.07 1.49	36.52 0.08 1.41	38.61 0.04 0.03	38.22 0.04 1.41	41.84 0.04 0.40	46.42 0.05 1.21	56.23 0.00 0.84	56.09 0.00 0.97	53.06 -0.11 1.04	47.10 -0.24 1.32	42.71 -0.36 1.53	38.55 -0.41 1.66	35.09 -0.49 1.79
CH_RES_NIAGARA 23895	40.56 0.78 -0.95	35.75 0.86 -0.64	34.44 0.86 -0.55	30.34 0.87 -0.31	31.57 0.64 -0.42	33.62 0.68 -0.51	34.85 0.31 -0.60	37.09 -0.85 -0.83	37.50 -0.75 -0.85	35.43 -0.86 -0.38	35.85 -0.25 -0.73	36.58 -0.51 -0.80	37.69 -0.68 -0.53	39.40 -0.15 -0.95	39.49 -0.75 -0.65	42.42 -0.97 -1.19	46.91 -2.24 -1.57	56.81 -2.57 -2.31	57.82 -2.00 -2.76	54.48 -2.28 -2.56	49.12 -1.56 -2.01	45.18 -0.94 -1.51	40.26 -0.77 -0.42	38.68 1.05 -0.26
CH_RES_SYRACUSE 23985	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.10 0.10 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 0.04 -3.14	40.26 0.12 -2.38	41.18 0.00 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.72 0.24 -4.91	63.87 0.29 -6.52	65.17 0.34 -7.77	61.94 0.43 -7.30	55.07 0.29 -6.11	49.87 0.27 -4.99	43.09 0.20 -2.27	39.53 0.19 -1.98
CLINTON_WT_PWR 323605	42.51 0.70 -2.98	37.47 0.65 -2.57	37.15 0.63 -3.50	32.48 0.55 -2.78	33.87 0.64 -2.72	36.75 0.78 -3.55	38.21 0.81 -3.46	41.17 1.00 -3.06	41.54 1.09 -3.05	39.47 1.08 -2.48	38.90 1.03 -2.51	39.81 1.05 -2.47	41.16 0.98 -2.33	39.62 0.97 -0.05	42.92 0.99 -2.33	43.92 1.06 -0.66	50.48 0.90 -2.00	59.36 0.91 -1.39	59.64 0.97 -1.61	56.74 0.81 -1.73	51.59 0.73 -2.19	47.72 0.58 -2.55	44.26 0.89 -2.75	40.94 0.60 -2.98
CLINTON___LFGE 323618	44.66 1.21 -4.62	39.36 1.13 -3.98	39.51 1.06 -5.43	34.39 0.93 -4.31	35.79 1.07 -4.22	39.18 1.26 -5.50	40.63 1.32 -5.37	43.41 1.56 -4.75	43.85 1.72 -4.72	41.41 1.65 -3.85	40.81 1.55 -3.89	41.75 1.63 -3.83	43.01 1.55 -3.62	40.18 1.50 -0.08	44.75 1.54 -3.62	44.92 1.69 -1.03	52.10 1.43 -3.10	60.81 1.60 -2.15	61.21 1.66 -2.49	58.29 1.41 -2.67	53.38 1.31 -3.40	49.70 1.16 -3.94	46.50 1.63 -4.26	43.22 1.23 -4.62
COBBLENY_34_KV_TB1 80064	40.87 1.05 -0.99	36.01 1.10 -0.67	34.69 1.09 -0.58	30.53 1.05 -0.33	31.81 0.85 -0.44	33.90 0.94 -0.53	35.55 0.98 -0.63	38.16 0.19 -0.87	38.59 0.30 -0.89	36.38 0.07 -0.40	36.80 0.67 -0.76	37.59 0.47 -0.84	38.78 0.38 -0.55	40.45 0.85 -0.99	40.55 0.28 -0.68	43.61 0.17 -1.25	48.55 -0.67 -1.64	58.96 -0.51 -2.41	60.11 0.17 -2.88	56.71 -0.16 -2.67	50.91 0.15 -2.10	46.58 0.40 -1.58	41.45 0.41 -0.43	39.02 1.38 -0.27
COFFEEN___115KV_TB3 355620	55.28 1.59 -14.85	48.04 1.34 -12.45	50.88 1.45 -16.40	43.12 1.20 -12.77	44.61 1.37 -12.73	50.36 1.43 -16.51	51.81 1.56 -16.31	53.74 1.63 -15.00	53.71 1.35 -14.96	48.42 0.90 -11.62	48.31 0.57 -12.37	49.18 0.54 -12.35	49.53 0.45 -11.23	41.05 0.42 -2.02	51.37 0.32 -11.46	48.17 0.80 -5.17	60.61 1.28 -11.75	69.68 2.17 -10.45	72.06 2.74 -12.26	69.43 2.82 -12.40	64.61 2.53 -13.42	60.94 2.32 -14.02	55.20 1.75 -12.84	52.33 1.42 -13.54
COLDSPRG_115KV_BK1 355956	41.55 1.71 -1.01	36.75 1.82 -0.68	35.43 1.82 -0.59	31.09 1.60 -0.33	32.40 1.43 -0.45	34.59 1.62 -0.54	36.41 1.83 -0.64	39.07 1.08 -0.89	39.54 1.23 -0.90	37.22 0.90 -0.41	37.63 1.49 -0.78	38.48 1.34 -0.85	39.70 1.29 -0.56	41.24 1.62 -1.01	41.35 1.07 -0.69	44.52 1.05 -1.27	49.77 0.52 -1.68	60.67 1.14 -2.46	62.00 2.00 -2.94	58.50 1.57 -2.72	52.32 1.51 -2.14	47.69 1.47 -1.61	42.40 1.34 -0.44	39.81 2.17 -0.28
COLONIE_LFGE___ 323577	38.38 0.54 0.99	34.16 0.48 0.57	32.97 0.43 0.48	29.43 0.41 0.13	30.63 0.40 0.27	32.46 0.39 0.36	33.97 0.44 0.41	37.14 0.59 0.56	36.51 0.52 1.42	34.37 0.50 2.04	34.37 0.32 1.32	35.05 0.36 1.59	36.54 0.23 1.54	37.56 0.27 1.32	39.12 0.48 0.94	41.51 0.42 1.11	46.74 0.57 1.41	57.40 0.86 0.52	57.39 0.80 0.47	54.24 0.70 0.66	48.51 0.73 0.89	44.22 0.76 1.14	40.60 0.61 0.62	37.82 0.45 0.00
COOPERNY_115KV_TB1 80082	40.37 0.93 -0.60	35.45 0.86 -0.34	34.04 0.73 -0.29	29.84 0.61 -0.08	31.29 0.61 -0.17	33.20 0.55 -0.22	34.76 0.58 -0.25	38.12 0.67 -0.34	39.02 0.75 -0.86	37.94 0.79 -1.24	37.02 0.85 -0.80	38.27 1.02 -0.97	39.80 1.02 -0.93	40.37 0.97 -0.80	41.27 1.11 -0.57	43.88 1.01 -0.68	49.48 1.05 -0.85	58.41 1.03 -0.32	58.32 0.97 -0.29	55.48 0.87 -0.40	50.13 0.92 -0.54	46.23 0.94 -0.69	42.05 1.06 -0.38	38.34 0.97 0.00
COPENHAGEN_WT_PWR 323753	54.24 1.21 -14.20	47.15 1.03 -11.88	49.77 1.16 -15.59	42.20 0.93 -12.11	43.67 1.07 -12.09	49.24 1.13 -15.68	50.71 1.26 -15.51	52.72 1.30 -14.31	52.73 1.05 -14.28	47.59 0.65 -11.04	47.58 0.39 -11.82	48.45 0.36 -11.81	48.84 0.30 -10.70	41.00 0.31 -2.08	50.69 0.16 -10.94	47.85 0.55 -5.11	59.96 1.00 -11.39	69.03 1.66 -10.30	71.21 2.05 -12.10	68.62 2.22 -12.19	63.66 1.95 -13.05	59.91 1.79 -13.52	54.15 1.34 -12.20	51.29 1.08 -12.83
CORNELL_____ 23752	41.34 0.93 -1.57	36.20 0.89 -1.06	34.80 0.86 -0.92	30.40 0.73 -0.52	31.97 0.76 -0.70	34.11 0.84 -0.84	35.82 0.88 -1.00	39.30 0.82 -1.38	39.48 0.67 -1.40	37.01 0.47 -0.64	37.07 0.50 -1.21	38.12 0.51 -1.33	39.25 0.53 -0.88	40.76 0.58 -1.58	41.22 0.55 -1.08	44.89 0.72 -1.98	51.13 0.95 -2.60	62.31 1.43 -3.82	63.40 1.77 -4.56	60.12 1.68 -4.23	53.46 1.46 -3.33	48.49 1.38 -2.51	42.40 1.10 -0.69	38.88 1.08 -0.43

CORONA_69_KV_TB1 355595	41.81 2.10 -0.88	36.57 1.82 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.32	35.28 0.98 -0.36	38.75 1.15 -0.49	40.08 1.42 -1.25	39.36 1.65 -1.80	38.51 1.98 -1.16	39.92 2.21 -1.42	41.45 2.23 -1.37	41.87 2.08 -1.18	42.74 2.30 -0.85	45.16 1.98 -0.98	51.00 2.19 -1.24	59.53 2.00 -0.46	59.07 1.60 -0.41	56.09 1.30 -0.59	50.66 1.22 -0.78	46.76 1.16 -1.00	42.83 1.67 -0.55	39.09 1.72 0.00
CORTLAND_115KV_TB3 80093	43.28 0.89 -3.56	37.81 0.79 -2.77	37.05 0.76 -3.27	32.21 0.67 -2.39	33.74 0.70 -2.53	36.43 0.78 -3.23	38.07 0.81 -3.32	41.39 0.85 -3.42	41.56 0.71 -3.44	38.75 0.54 -2.30	38.75 0.50 -2.89	39.80 0.54 -2.98	40.89 0.61 -2.44	40.81 0.62 -1.58	42.86 0.63 -2.64	45.39 0.80 -2.40	52.58 1.09 -3.92	63.36 1.60 -4.70	64.47 1.83 -5.58	61.33 1.79 -5.33	54.93 1.51 -4.76	50.17 1.38 -4.19	44.21 1.06 -2.54	40.74 0.93 -2.44
COXSACKIE___GT 23611	40.17 1.55 0.22	35.53 1.40 0.13	34.20 1.29 0.11	30.29 1.17 0.03	31.67 1.22 0.06	33.71 1.36 0.08	35.27 1.43 0.09	38.51 1.52 0.12	38.21 1.12 0.32	36.25 0.79 0.45	35.57 0.49 0.29	36.40 0.47 0.35	37.58 0.08 0.34	38.54 0.23 0.29	39.82 0.44 0.21	42.71 0.76 0.25	48.59 1.33 0.31	59.00 2.05 0.12	59.24 2.28 0.10	56.28 2.22 0.15	50.37 1.90 0.20	46.00 1.65 0.25	41.86 1.38 0.14	38.16 0.79 0.00
CPV_VALLEY___CC1 323721	40.44 0.89 -0.72	35.48 0.82 -0.41	34.03 0.66 -0.34	29.79 0.55 -0.09	31.26 0.55 -0.20	33.17 0.49 -0.26	34.71 0.47 -0.29	38.10 0.59 -0.40	39.14 0.71 -1.02	38.17 0.79 -1.47	37.16 0.85 -0.95	38.41 0.98 -1.15	39.86 0.91 -1.11	40.40 0.85 -0.95	41.38 1.11 -0.68	43.92 0.93 -0.80	49.35 0.76 -1.01	58.41 0.97 -0.38	58.14 0.74 -0.34	55.34 0.65 -0.48	49.99 0.68 -0.64	46.18 0.76 -0.82	41.95 0.89 -0.45	38.23 0.86 0.00
CPV_VALLEY___CC2 323722	40.44 0.89 -0.72	35.48 0.82 -0.41	34.03 0.66 -0.34	29.79 0.55 -0.09	31.26 0.55 -0.20	33.17 0.49 -0.26	34.71 0.47 -0.29	38.10 0.59 -0.40	39.14 0.71 -1.02	38.17 0.79 -1.47	37.16 0.85 -0.95	38.41 0.98 -1.15	39.86 0.91 -1.11	40.40 0.85 -0.95	41.38 1.11 -0.68	43.92 0.93 -0.80	49.35 0.76 -1.01	58.41 0.97 -0.38	58.14 0.74 -0.34	55.34 0.65 -0.48	49.99 0.68 -0.64	46.18 0.76 -0.82	41.95 0.89 -0.45	38.23 0.86 0.00
CRESCENT___HYD 24018	38.38 0.54 0.99	34.16 0.48 0.57	32.97 0.43 0.48	29.43 0.41 0.13	30.63 0.40 0.27	32.46 0.39 0.36	33.97 0.44 0.41	37.14 0.59 0.56	36.51 0.52 1.42	34.37 0.50 2.04	34.37 0.32 1.32	35.05 0.36 1.59	36.54 0.23 1.54	37.56 0.27 1.32	39.12 0.48 0.94	41.51 0.42 1.11	46.74 0.57 1.41	57.40 0.86 0.52	57.39 0.80 0.47	54.24 0.70 0.66	48.51 0.73 0.89	44.22 0.76 1.14	40.60 0.61 0.62	37.82 0.45 0.00
CRICKET___VALLEY_CC1 323756	26.00 0.58 13.42	27.12 0.51 7.65	26.98 0.40 6.45	27.76 0.32 1.71	27.12 0.31 3.69	27.76 0.20 4.86	28.69 0.24 5.49	29.99 0.41 7.53	18.70 0.48 19.19	9.00 0.61 27.52	18.23 0.64 17.78	15.54 0.76 21.51	17.74 0.64 20.74	21.45 0.62 17.77	27.77 0.91 12.73	27.90 0.72 15.01	29.08 0.48 18.97	50.56 0.57 7.08	51.06 0.34 6.35	45.46 0.22 8.96	36.99 0.29 11.97	29.67 0.40 15.33	32.78 0.57 8.40	37.97 0.60 0.00
CRICKET___VALLEY_CC2 323757	26.00 0.58 13.42	27.12 0.51 7.65	26.98 0.40 6.45	27.76 0.32 1.71	27.12 0.31 3.69	27.76 0.20 4.86	28.69 0.24 5.49	29.99 0.41 7.53	18.70 0.48 19.19	9.00 0.61 27.52	18.23 0.64 17.78	15.54 0.76 21.51	17.74 0.64 20.74	21.45 0.62 17.77	27.77 0.91 12.73	27.90 0.72 15.01	29.08 0.48 18.97	50.56 0.57 7.08	51.06 0.34 6.35	45.46 0.22 8.96	36.99 0.29 11.97	29.67 0.40 15.33	32.78 0.57 8.40	37.97 0.60 0.00
CRICKET___VALLEY_CC3 323758	26.00 0.58 13.42	27.12 0.51 7.65	26.98 0.40 6.45	27.76 0.32 1.71	27.12 0.31 3.69	27.76 0.20 4.86	28.69 0.24 5.49	29.99 0.41 7.53	18.70 0.48 19.19	9.00 0.61 27.52	18.23 0.64 17.78	15.54 0.76 21.51	17.74 0.64 20.74	21.45 0.62 17.77	27.77 0.91 12.73	27.90 0.72 15.01	29.08 0.48 18.97	50.56 0.57 7.08	51.06 0.34 6.35	45.46 0.22 8.96	36.99 0.29 11.97	29.67 0.40 15.33	32.78 0.57 8.40	37.97 0.60 0.00
CRUCIBLE_METL_DRP 24180	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.07 0.07 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 -0.07 -3.14	40.19 -0.04 -2.38	41.10 0.04 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.58 0.10 -4.91	63.81 0.23 -6.52	65.23 0.40 -7.77	61.89 0.38 -7.30	55.07 0.29 -6.11	49.91 0.31 -4.99	43.05 0.16 -2.27	39.53 0.19 -1.98
DAHOWA___HYDRO 323763	38.88 0.85 0.81	34.61 0.82 0.46	33.43 0.79 0.39	29.74 0.70 0.10	31.05 0.76 0.22	32.88 0.75 0.29	34.39 0.78 0.33	37.59 0.93 0.45	36.93 0.67 1.15	34.76 0.50 1.65	34.51 0.21 1.07	35.21 0.22 1.29	36.75 0.15 1.25	37.77 0.23 1.07	39.30 0.48 0.76	41.80 0.51 0.90	47.24 0.81 1.14	57.95 1.31 0.42	58.16 1.48 0.38	55.07 1.41 0.54	49.31 1.36 0.72	45.06 1.38 0.92	41.29 1.18 0.50	38.30 0.93 0.00
DANC___LFGE 323619	50.03 0.58 -10.61	43.47 0.51 -8.70	44.73 0.60 -11.11	38.12 0.46 -8.50	39.67 0.55 -8.61	44.13 0.58 -11.12	45.69 0.64 -11.11	48.30 0.63 -10.56	48.45 0.48 -10.56	43.98 0.22 -7.86	44.17 0.04 -8.77	45.16 0.04 -8.84	45.67 0.04 -7.79	41.07 0.00 -2.46	47.56 -0.12 -8.09	47.09 0.13 -4.77	57.42 0.43 -9.42	67.31 0.74 -9.51	69.30 1.03 -11.21	66.45 1.19 -11.06	60.71 1.02 -11.02	56.37 0.98 -10.79	50.02 0.73 -8.68	46.86 0.56 -8.93
DANSKAMMER___1 23586	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.23 0.99 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.67 1.19 -0.38	39.60 1.23 -0.96	38.58 1.29 -1.38	37.60 1.34 -0.89	38.85 1.49 -1.08	40.32 1.44 -1.04	40.96 1.47 -0.89	41.97 1.74 -0.64	44.64 1.69 -0.75	50.19 1.66 -0.95	59.42 2.00 -0.36	59.21 1.83 -0.32	56.34 1.68 -0.45	50.82 1.56 -0.60	46.89 1.52 -0.77	42.62 1.58 -0.42	38.87 1.50 0.00
DANSKAMMER___2 23589	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.23 0.99 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.67 1.19 -0.38	39.60 1.23 -0.96	38.58 1.29 -1.38	37.60 1.34 -0.89	38.85 1.49 -1.08	40.32 1.44 -1.04	40.96 1.47 -0.89	41.97 1.74 -0.64	44.64 1.69 -0.75	50.19 1.66 -0.95	59.42 2.00 -0.36	59.21 1.83 -0.32	56.34 1.68 -0.45	50.82 1.56 -0.60	46.89 1.52 -0.77	42.62 1.58 -0.42	38.87 1.50 0.00
DANSKAMMER___3 23590	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.23 0.99 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.67 1.19 -0.38	39.60 1.23 -0.96	38.58 1.29 -1.38	37.60 1.34 -0.89	38.85 1.49 -1.08	40.32 1.44 -1.04	40.96 1.47 -0.89	41.97 1.74 -0.64	44.64 1.69 -0.75	50.19 1.66 -0.95	59.42 2.00 -0.36	59.21 1.83 -0.32	56.34 1.68 -0.45	50.82 1.56 -0.60	46.89 1.52 -0.77	42.62 1.58 -0.42	38.87 1.50 0.00

DANSKAMMER___4 23591	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.23 0.99 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.67 1.19 -0.38	39.60 1.23 -0.96	38.58 1.29 -1.38	37.60 1.34 -0.89	38.85 1.49 -1.08	40.32 1.44 -1.04	40.96 1.47 -0.89	41.97 1.74 -0.64	44.64 1.69 -0.75	50.19 1.66 -0.95	59.42 2.00 -0.36	59.21 1.83 -0.32	56.34 1.68 -0.45	50.82 1.56 -0.60	46.89 1.52 -0.77	42.62 1.58 -0.42	38.87 1.50 0.00
DANSKAMMER___DIESEL 23592	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.23 0.99 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.67 1.19 -0.38	39.60 1.23 -0.96	38.58 1.29 -1.38	37.60 1.34 -0.89	38.92 1.56 -1.08	40.51 1.63 -1.04	41.08 1.58 -0.89	42.01 1.78 -0.64	44.68 1.73 -0.75	50.48 1.95 -0.95	59.36 1.94 -0.36	59.26 1.88 -0.32	56.44 1.79 -0.45	50.92 1.65 -0.60	46.98 1.61 -0.77	42.74 1.71 -0.42	38.86 1.49 0.00
DARBY___SOLAR 323810	38.77 0.78 0.84	34.53 0.75 0.48	33.35 0.73 0.40	29.68 0.64 0.11	30.95 0.67 0.23	32.80 0.68 0.30	34.31 0.71 0.34	37.49 0.85 0.47	36.84 0.64 1.20	34.65 0.47 1.72	34.43 0.18 1.11	35.12 0.18 1.35	36.66 0.11 1.30	37.69 0.19 1.11	39.23 0.44 0.80	41.72 0.47 0.94	47.15 0.76 1.19	57.88 1.25 0.44	57.98 1.31 0.40	54.89 1.25 0.56	49.13 1.22 0.75	44.89 1.25 0.96	41.14 1.05 0.53	38.23 0.86 0.00
DASHVILLE___HYD 23610	40.63 1.36 -0.44	35.70 1.20 -0.25	34.26 1.02 -0.21	30.11 0.90 -0.06	31.51 0.88 -0.12	33.43 0.84 -0.16	35.03 0.92 -0.18	38.39 1.04 -0.25	39.15 1.12 -0.63	37.96 1.15 -0.90	37.15 1.20 -0.58	38.36 1.38 -0.70	39.96 1.44 -0.68	40.61 1.43 -0.58	41.59 1.58 -0.41	44.25 1.56 -0.49	50.00 1.81 -0.62	59.12 1.83 -0.23	59.04 1.77 -0.21	56.18 1.68 -0.29	50.61 1.56 -0.39	46.62 1.52 -0.50	42.51 1.62 -0.27	38.57 1.20 0.00
DELAWARE___LFGE 323621	40.47 1.01 -0.63	35.57 0.89 -0.42	34.28 0.89 -0.37	30.09 0.73 -0.21	31.55 0.76 -0.28	33.54 0.78 -0.34	35.12 0.78 -0.40	38.48 0.82 -0.55	38.75 0.79 -0.56	36.85 0.68 -0.26	36.56 0.71 -0.49	37.65 0.83 -0.53	38.99 0.79 -0.35	40.05 0.81 -0.63	40.86 0.83 -0.43	43.92 0.93 -0.79	49.67 1.05 -1.05	59.91 1.31 -1.54	60.15 1.26 -1.84	57.15 1.25 -1.70	51.22 1.22 -1.34	46.81 1.20 -1.01	42.03 1.14 -0.28	38.59 1.05 -0.17
DERFIELD_115KV_TB7 355931	40.14 0.08 -1.23	35.38 0.07 -1.06	34.53 0.07 -1.44	30.35 0.06 -1.14	31.69 0.06 -1.12	33.92 0.03 -1.46	35.40 0.03 -1.43	38.41 0.04 -1.26	38.70 0.04 -1.25	36.93 0.00 -1.02	36.40 0.00 -1.03	37.30 0.00 -1.02	38.81 0.00 -0.96	38.62 0.00 -0.02	40.55 0.00 -0.96	42.47 0.00 -0.27	48.45 0.05 -0.82	57.69 0.06 -0.57	57.72 0.00 -0.66	54.97 0.05 -0.71	49.62 0.05 -0.90	45.69 0.04 -1.05	41.79 0.04 -1.13	38.63 0.04 -1.23
DOGLEVILLE___HYD 23807	39.36 -0.70 -1.23	34.73 -0.58 -1.06	33.91 -0.56 -1.44	29.77 -0.52 -1.14	31.14 -0.49 -1.12	33.37 -0.52 -1.46	34.89 -0.48 -1.43	37.81 -0.56 -1.26	38.02 -0.64 -1.25	36.22 -0.72 -1.02	35.66 -0.74 -1.03	36.61 -0.69 -1.02	38.01 -0.79 -0.96	37.81 -0.81 -0.02	39.68 -0.87 -0.96	41.54 -0.93 -0.27	47.50 -0.90 -0.82	56.67 -0.97 -0.57	56.81 -0.91 -0.66	54.05 -0.87 -0.71	48.74 -0.83 -0.90	44.98 -0.67 -1.05	41.14 -0.61 -1.13	37.92 -0.67 -1.23
DUNKIRK___115KV_TB_200 55889	41.29 1.48 -0.98	36.49 1.58 -0.66	35.18 1.59 -0.57	30.90 1.43 -0.33	32.20 1.25 -0.44	34.35 1.39 -0.53	36.06 1.49 -0.63	38.75 0.78 -0.86	39.15 0.86 -0.88	36.92 0.61 -0.40	37.33 1.20 -0.76	38.13 1.02 -0.83	39.34 0.95 -0.55	40.94 1.35 -0.99	41.10 0.83 -0.68	44.20 0.76 -1.24	49.21 0.00 -1.63	59.86 0.40 -2.40	61.12 1.20 -2.86	57.62 0.76 -2.65	51.68 0.92 -2.09	47.24 1.07 -1.57	42.02 0.97 -0.43	39.51 1.87 -0.27
DUNKIRK___1 23563	41.29 1.48 -0.98	36.49 1.58 -0.66	35.18 1.59 -0.57	30.90 1.43 -0.33	32.20 1.25 -0.44	34.35 1.39 -0.53	36.06 1.49 -0.63	38.75 0.78 -0.86	39.15 0.86 -0.88	36.92 0.61 -0.40	37.33 1.20 -0.76	38.13 1.02 -0.83	39.34 0.95 -0.55	40.94 1.35 -0.99	41.10 0.83 -0.68	44.20 0.76 -1.24	49.21 0.00 -1.63	59.86 0.40 -2.40	61.12 1.20 -2.86	57.62 0.76 -2.65	51.68 0.92 -2.09	47.24 1.07 -1.57	42.02 0.97 -0.43	39.51 1.87 -0.27
DUNKIRK___2 23564	41.29 1.48 -0.98	36.49 1.58 -0.66	35.18 1.59 -0.57	30.90 1.43 -0.33	32.20 1.25 -0.44	34.35 1.39 -0.53	36.06 1.49 -0.63	38.75 0.78 -0.86	39.15 0.86 -0.88	36.92 0.61 -0.40	37.33 1.20 -0.76	38.13 1.02 -0.83	39.34 0.95 -0.55	40.94 1.35 -0.99	41.10 0.83 -0.68	44.20 0.76 -1.24	49.21 0.00 -1.63	59.86 0.40 -2.40	61.12 1.20 -2.86	57.62 0.76 -2.65	51.68 0.92 -2.09	47.24 1.07 -1.57	42.02 0.97 -0.43	39.51 1.87 -0.27
DUNKIRK___3 23565	41.06 1.24 -0.98	36.25 1.34 -0.66	34.95 1.35 -0.57	30.70 1.22 -0.32	32.02 1.07 -0.44	34.12 1.17 -0.53	35.82 1.26 -0.62	38.45 0.48 -0.86	38.88 0.60 -0.88	36.63 0.32 -0.40	37.04 0.92 -0.76	37.84 0.73 -0.83	39.04 0.64 -0.55	40.63 1.04 -0.98	40.78 0.51 -0.67	43.85 0.42 -1.24	48.87 -0.33 -1.63	59.40 -0.06 -2.39	60.60 0.68 -2.85	57.17 0.33 -2.64	51.28 0.54 -2.08	46.92 0.76 -1.57	41.73 0.69 -0.43	39.25 1.61 -0.27
DUNKIRK___4 23566	41.06 1.24 -0.98	36.25 1.34 -0.66	34.95 1.35 -0.57	30.70 1.22 -0.32	32.02 1.07 -0.44	34.12 1.17 -0.53	35.82 1.26 -0.62	38.45 0.48 -0.86	38.88 0.60 -0.88	36.63 0.32 -0.40	37.04 0.92 -0.76	37.84 0.73 -0.83	39.04 0.64 -0.55	40.63 1.04 -0.98	40.78 0.51 -0.67	43.85 0.42 -1.24	48.87 -0.33 -1.63	59.40 -0.06 -2.39	60.60 0.68 -2.85	57.17 0.33 -2.64	51.28 0.54 -2.08	46.92 0.76 -1.57	41.73 0.69 -0.43	39.25 1.61 -0.27
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.38 1.67 -0.88	36.22 1.47 -0.50	34.63 1.19 -0.42	30.25 0.99 -0.11	31.73 0.98 -0.24	33.65 0.91 -0.32	35.31 1.02 -0.36	38.83 1.22 -0.49	40.08 1.42 -1.25	39.22 1.51 -1.80	38.12 1.59 -1.16	39.54 1.85 -1.41	41.13 1.93 -1.36	41.58 1.81 -1.16	42.44 2.02 -0.83	45.03 1.86 -0.98	50.77 1.95 -1.24	59.41 1.88 -0.46	59.19 1.71 -0.41	56.31 1.52 -0.59	50.96 1.51 -0.78	47.12 1.52 -1.00	42.87 1.71 -0.55	38.90 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.85 1.32 -0.70	35.85 1.20 -0.40	34.35 0.99 -0.33	30.08 0.85 -0.09	31.55 0.85 -0.19	33.49 0.81 -0.25	35.07 0.85 -0.28	38.50 1.00 -0.39	39.48 1.08 -0.99	38.49 1.15 -1.43	37.46 1.17 -0.92	38.81 1.42 -1.11	40.36 1.44 -1.07	40.92 1.39 -0.92	41.83 1.58 -0.66	44.45 1.48 -0.78	50.22 1.67 -0.98	59.03 1.60 -0.37	58.93 1.54 -0.33	56.13 1.46 -0.46	50.70 1.41 -0.62	46.73 1.34 -0.79	42.55 1.50 -0.44	38.68 1.31 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.70 1.98 -0.88	36.54 1.78 -0.51	34.91 1.45 -0.43	30.52 1.25 -0.12	32.01 1.25 -0.25	33.85 1.10 -0.32	35.38 1.09 -0.36	38.86 1.26 -0.49	40.00 1.35 -1.25	39.29 1.58 -1.80	38.19 1.66 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.64 2.22 -0.83	45.16 1.98 -0.98	50.58 1.76 -1.24	59.18 1.65 -0.46	58.96 1.48 -0.41	56.15 1.36 -0.59	50.71 1.27 -0.78	47.08 1.47 -1.00	43.03 1.87 -0.55	39.25 1.87 -0.01

E179THST_13_KV_LOAD 356214	41.89 2.17 -0.88	36.68 1.92 -0.51	35.07 1.62 -0.43	30.67 1.40 -0.12	32.16 1.40 -0.25	34.01 1.26 -0.32	35.55 1.26 -0.36	39.05 1.45 -0.49	40.19 1.53 -1.25	39.47 1.76 -1.80	38.40 1.87 -1.16	39.87 2.18 -1.41	41.47 2.27 -1.36	41.89 2.12 -1.16	42.88 2.45 -0.83	45.41 2.24 -0.98	50.86 2.05 -1.24	59.53 2.00 -0.46	59.30 1.83 -0.41	56.47 1.68 -0.59	51.01 1.56 -0.78	47.34 1.74 -1.00	43.27 2.11 -0.55	39.43 2.06 -0.01
EAST HAMPTON___GT 23717	42.20 2.49 -0.88	36.84 2.09 -0.50	34.90 1.45 -0.42	30.54 1.28 -0.11	31.67 0.91 -0.24	33.58 0.84 -0.32	35.38 1.09 -0.36	39.01 1.41 -0.49	40.45 1.80 -1.25	39.79 2.08 -1.80	39.29 2.76 -1.16	40.34 2.65 -1.41	41.71 2.50 -1.36	42.59 2.82 -1.17	43.92 3.48 -0.84	46.00 2.83 -0.98	51.72 2.90 -1.24	60.55 3.02 -0.46	59.70 2.22 -0.41	56.63 1.84 -0.59	51.00 1.56 -0.77	46.93 1.34 -0.99	42.79 1.63 -0.55	39.69 2.32 0.00
EAST RIVER___6 23660	41.69 1.98 -0.88	36.46 1.71 -0.50	34.83 1.39 -0.42	30.46 1.20 -0.11	31.94 1.19 -0.24	33.85 1.10 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.30 1.64 -1.25	39.54 1.83 -1.80	38.40 1.87 -1.16	39.76 2.07 -1.41	41.24 2.04 -1.36	41.81 2.04 -1.16	42.88 2.46 -0.83	45.50 2.32 -0.98	50.81 2.00 -1.24	59.81 2.29 -0.46	59.47 2.00 -0.41	56.52 1.73 -0.59	51.20 1.75 -0.78	47.34 1.74 -1.00	42.99 1.83 -0.55	39.20 1.83 0.00
EAST RIVER___7 23524	41.69 1.98 -0.88	36.46 1.71 -0.50	34.83 1.39 -0.42	30.46 1.20 -0.11	31.94 1.19 -0.24	33.85 1.10 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.30 1.64 -1.25	39.54 1.83 -1.80	38.40 1.87 -1.16	39.76 2.07 -1.41	41.24 2.04 -1.36	41.81 2.04 -1.16	42.88 2.46 -0.83	45.50 2.32 -0.98	50.81 2.00 -1.24	59.81 2.29 -0.46	59.47 2.00 -0.41	56.52 1.73 -0.59	51.20 1.75 -0.78	47.34 1.74 -1.00	42.99 1.83 -0.55	39.20 1.83 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.26 1.55 -0.88	36.12 1.37 -0.50	34.53 1.09 -0.42	30.19 0.93 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.25 0.95 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.11 1.40 -1.80	38.01 1.49 -1.16	39.43 1.74 -1.40	40.98 1.78 -1.35	41.42 1.66 -1.16	42.32 1.90 -0.83	44.91 1.73 -0.98	50.62 1.81 -1.24	59.24 1.71 -0.46	59.07 1.60 -0.41	56.25 1.46 -0.58	50.86 1.41 -0.78	46.98 1.38 -1.00	42.75 1.58 -0.55	38.83 1.46 0.00
EAST_HAMPTON___DIESEL 23722	42.20 2.49 -0.88	36.81 2.05 -0.50	34.90 1.45 -0.42	30.51 1.25 -0.11	31.67 0.91 -0.24	33.58 0.84 -0.32	35.38 1.09 -0.36	39.01 1.41 -0.49	40.45 1.80 -1.25	39.79 2.08 -1.80	39.29 2.76 -1.16	40.34 2.65 -1.41	41.71 2.50 -1.36	42.59 2.82 -1.17	43.92 3.48 -0.84	46.00 2.83 -0.98	51.72 2.90 -1.24	60.55 3.02 -0.46	59.70 2.22 -0.41	56.63 1.84 -0.59	51.00 1.56 -0.77	46.93 1.34 -0.99	42.79 1.63 -0.55	39.69 2.32 0.00
EAST_POINT___SOLAR 323840	40.99 2.60 0.45	36.33 2.33 0.26	35.05 2.25 0.22	31.04 1.95 0.06	32.49 2.10 0.12	34.56 2.30 0.16	36.13 2.37 0.18	39.05 2.19 0.25	37.81 1.05 0.64	35.03 0.04 0.92	34.31 -0.46 0.59	35.27 -0.29 0.72	37.00 -0.15 0.69	38.05 0.04 0.59	39.44 0.28 0.43	42.75 1.06 0.50	48.89 1.95 0.63	60.31 3.48 0.24	61.07 4.22 0.21	58.02 4.12 0.30	52.01 3.75 0.40	47.66 3.57 0.51	43.50 3.17 0.28	40.17 2.80 0.00
EAST_PULASKI___ESR 323781	46.44 0.04 -7.57	40.20 0.03 -5.91	40.08 0.07 -6.99	34.30 0.03 -5.12	35.98 0.06 -5.41	39.40 0.06 -6.91	41.14 0.10 -7.10	44.44 0.04 -7.29	44.66 -0.07 -7.33	40.63 -0.21 -4.93	41.23 -0.28 -6.14	42.36 -0.25 -6.33	42.82 -0.23 -5.20	41.67 -0.23 -3.30	44.89 -0.32 -5.62	47.01 -0.21 -5.02	55.78 -0.05 -8.26	66.92 0.00 -9.85	68.93 0.17 -11.70	65.67 0.27 -11.19	58.89 0.20 -10.02	53.72 0.27 -8.85	46.16 0.12 -5.43	42.68 0.07 -5.23
EAST_RIVER___1 323558	41.61 1.90 -0.88	36.43 1.68 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.81 1.07 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.23 1.57 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.68 1.99 -1.41	41.17 1.97 -1.36	41.70 1.93 -1.16	42.72 2.30 -0.83	45.29 2.11 -0.98	50.67 1.85 -1.24	59.70 2.17 -0.46	59.30 1.83 -0.41	56.42 1.62 -0.59	51.01 1.56 -0.78	47.21 1.60 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
EAST_RIVER___2 323559	41.69 1.98 -0.88	36.46 1.71 -0.50	34.83 1.39 -0.42	30.46 1.20 -0.11	31.94 1.19 -0.24	33.85 1.10 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.30 1.64 -1.25	39.54 1.83 -1.80	38.40 1.87 -1.16	39.76 2.07 -1.41	41.24 2.04 -1.36	41.81 2.04 -1.16	42.88 2.46 -0.83	45.50 2.32 -0.98	50.81 2.00 -1.24	59.81 2.29 -0.46	59.47 2.00 -0.41	56.52 1.73 -0.59	51.20 1.75 -0.78	47.34 1.74 -1.00	42.99 1.83 -0.55	39.20 1.83 0.00
EAST___DELAWARE_HYD 23607	41.17 1.75 -0.59	36.16 1.58 -0.33	34.66 1.35 -0.28	30.39 1.17 -0.07	31.86 1.19 -0.16	33.80 1.17 -0.21	35.40 1.22 -0.24	38.81 1.37 -0.33	39.63 1.38 -0.84	38.48 1.36 -1.20	37.52 1.38 -0.78	38.71 1.49 -0.94	40.23 1.47 -0.91	40.89 1.50 -0.78	41.93 1.78 -0.56	44.67 1.81 -0.66	50.40 2.00 -0.83	59.83 2.45 -0.31	59.74 2.40 -0.28	56.82 2.22 -0.39	51.23 2.04 -0.52	47.28 2.01 -0.67	42.93 1.95 -0.37	39.16 1.79 0.00
EIGHT_POINT___WT_PWR 323820	41.54 1.55 -1.16	36.61 1.58 -0.78	35.25 1.55 -0.67	30.90 1.37 -0.38	32.37 1.34 -0.52	34.57 1.52 -0.62	36.30 1.63 -0.73	39.23 1.11 -1.01	39.41 0.97 -1.03	36.92 0.54 -0.47	37.04 0.78 -0.89	37.88 0.62 -0.98	39.59 1.10 -0.65	40.96 1.20 -1.16	41.02 0.63 -0.79	44.41 0.76 -1.46	50.78 1.29 -1.92	61.42 1.54 -2.81	62.30 1.88 -3.36	59.22 1.90 -3.12	52.67 1.56 -2.45	47.96 1.52 -1.84	42.50 1.38 -0.51	39.48 1.79 -0.32
ELBRIDGE_115KV_TB2 80188	42.45 -0.08 -3.69	36.92 -0.03 -2.71	35.84 -0.03 -2.85	31.04 -0.03 -1.92	32.65 -0.06 -2.20	35.14 -0.03 -2.75	36.87 -0.03 -2.96	40.37 -0.15 -3.41	40.63 -0.22 -3.45	37.62 -0.29 -2.00	38.09 -0.21 -2.93	39.17 -0.22 -3.10	39.98 -0.19 -2.32	41.00 -0.15 -2.55	42.08 -0.16 -2.65	45.47 -0.17 -3.44	52.36 -0.19 -4.97	63.70 -0.06 -6.69	65.15 0.11 -7.97	61.80 0.11 -7.48	54.93 0.05 -6.21	49.72 0.09 -5.03	42.80 0.00 -2.19	39.27 0.04 -1.86
ELEC_TRO_TEK 24086	41.50 1.79 -0.88	36.33 1.58 -0.50	34.50 1.06 -0.42	30.14 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.08 0.78 -0.36	38.57 0.96 -0.49	39.85 1.20 -1.25	39.11 1.40 -1.80	38.30 1.77 -1.16	39.66 1.96 -1.42	41.22 2.01 -1.37	41.60 1.81 -1.18	42.46 2.02 -0.85	44.82 1.65 -0.98	50.62 1.81 -1.24	59.07 1.54 -0.46	58.62 1.14 -0.41	55.66 0.87 -0.59	50.27 0.83 -0.78	46.44 0.85 -1.00	42.54 1.38 -0.55	38.83 1.46 0.00
ELLENBURG_WT_PWR 323604	42.51 0.70 -2.98	37.47 0.65 -2.57	37.15 0.63 -3.50	32.48 0.55 -2.78	33.87 0.64 -2.72	36.75 0.78 -3.55	38.21 0.81 -3.46	41.17 1.00 -3.06	41.54 1.09 -3.05	39.47 1.08 -2.48	38.90 1.03 -2.51	39.81 1.05 -2.47	41.16 0.98 -2.33	39.62 0.97 -0.05	42.92 0.99 -2.33	43.92 1.06 -0.66	50.48 0.90 -2.00	59.36 0.91 -1.39	59.64 0.97 -1.61	56.74 0.81 -1.73	51.59 0.73 -2.19	47.72 0.58 -2.55	44.26 0.89 -2.75	40.94 0.60 -2.98

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.73 0.93 -0.96	35.89 0.99 -0.65	34.61 1.02 -0.56	30.46 0.99 -0.32	31.73 0.79 -0.43	33.79 0.84 -0.52	35.40 0.85 -0.61	37.99 0.04 -0.84	38.38 0.11 -0.86	36.23 -0.07 -0.39	36.64 0.53 -0.74	37.42 0.33 -0.81	38.57 0.19 -0.54	40.27 0.69 -0.97	40.41 0.16 -0.66	43.41 0.00 -1.21	48.22 -0.95 -1.60	58.50 -0.91 -2.34	59.58 -0.29 -2.80	56.21 -0.60 -2.60	50.51 -0.19 -2.04	46.32 0.18 -1.54	41.24 0.20 -0.42	38.90 1.27 -0.26
EMPIRE_CC_1 323656	37.74 -0.04 1.06	33.58 -0.07 0.60	32.42 -0.10 0.51	28.99 -0.03 0.13	30.13 -0.09 0.29	31.91 -0.13 0.38	33.40 -0.10 0.43	36.52 0.00 0.59	35.89 0.00 1.51	33.78 0.04 2.17	33.86 -0.11 1.40	34.55 -0.04 1.69	35.91 -0.30 1.63	36.89 -0.31 1.40	38.51 -0.08 1.00	40.80 -0.21 1.18	45.75 -0.33 1.49	56.22 -0.28 0.56	56.17 -0.40 0.50	53.06 -0.44 0.71	47.48 -0.24 0.94	43.26 -0.13 1.21	39.79 -0.16 0.66	37.11 -0.26 0.00
EMPIRE_CC_2 323658	37.74 -0.04 1.06	33.58 -0.07 0.60	32.42 -0.10 0.51	28.99 -0.03 0.13	30.13 -0.09 0.29	31.91 -0.13 0.38	33.40 -0.10 0.43	36.52 0.00 0.59	35.89 0.00 1.51	33.78 0.04 2.17	33.86 -0.11 1.40	34.55 -0.04 1.69	35.91 -0.30 1.63	36.89 -0.31 1.40	38.51 -0.08 1.00	40.80 -0.21 1.18	45.75 -0.33 1.49	56.22 -0.28 0.56	56.17 -0.40 0.50	53.06 -0.44 0.71	47.48 -0.24 0.94	43.26 -0.13 1.21	39.79 -0.16 0.66	37.11 -0.26 0.00
ENORWICH_115KV_TB1 80156	42.93 2.87 -1.22	37.54 2.47 -0.82	36.11 2.38 -0.71	31.56 2.01 -0.40	33.25 2.20 -0.55	35.42 2.33 -0.66	37.22 2.51 -0.77	40.70 2.52 -1.07	40.74 2.24 -1.09	38.09 1.69 -0.49	37.90 1.59 -0.94	39.02 1.71 -1.03	40.12 1.59 -0.68	41.53 1.70 -1.22	41.97 1.54 -0.84	45.97 2.24 -1.54	52.50 2.90 -2.02	64.26 4.22 -2.97	65.35 4.74 -3.55	62.10 4.61 -3.29	55.44 4.19 -2.59	50.25 3.70 -1.95	44.15 3.01 -0.54	40.51 2.80 -0.34
ERIE_ST__34_KV_TB1-2 80199	40.71 0.89 -0.98	35.91 0.99 -0.66	34.62 1.02 -0.57	30.43 0.96 -0.32	31.71 0.76 -0.44	33.80 0.84 -0.53	35.48 0.92 -0.62	38.04 0.07 -0.86	38.43 0.15 -0.88	36.24 -0.07 -0.40	36.66 0.53 -0.76	37.44 0.33 -0.83	38.62 0.23 -0.55	40.25 0.66 -0.98	40.38 0.12 -0.67	43.43 0.00 -1.24	48.39 -0.81 -1.63	58.83 -0.63 -2.39	60.03 0.11 -2.85	56.58 -0.27 -2.64	50.80 0.05 -2.08	46.43 0.27 -1.57	41.33 0.28 -0.43	38.95 1.31 -0.27
ERIE_WT_PWR 323693	40.86 1.05 -0.98	36.01 1.10 -0.66	34.72 1.12 -0.57	30.55 1.08 -0.32	31.83 0.89 -0.44	33.92 0.97 -0.53	35.58 1.02 -0.62	38.15 0.19 -0.86	38.58 0.30 -0.88	36.38 0.07 -0.40	36.72 0.60 -0.75	37.55 0.44 -0.83	39.57 1.17 -0.55	40.86 1.27 -0.98	40.62 0.36 -0.67	43.76 0.34 -1.23	49.72 0.52 -1.62	59.33 -0.11 -2.38	59.91 0.00 -2.84	57.00 0.16 -2.64	50.94 0.20 -2.07	46.61 0.45 -1.56	41.69 0.65 -0.43	39.13 1.50 -0.27
ESPRGFLD_115KV_TB1 80157	41.05 2.17 -0.04	36.22 1.92 -0.05	34.92 1.85 -0.05	30.79 1.57 -0.06	32.28 1.71 -0.06	34.31 1.82 -0.06	35.89 1.87 -0.08	39.11 1.89 -0.11	38.87 1.57 0.10	36.62 1.11 0.40	36.18 0.92 0.11	37.21 1.09 0.16	38.75 1.14 0.23	39.76 1.20 0.04	40.82 1.27 0.04	43.92 1.65 -0.08	49.84 2.14 -0.12	60.66 3.02 -0.57	61.09 3.31 -0.72	58.07 3.25 -0.61	52.02 2.97 -0.39	47.63 2.85 -0.17	43.10 2.52 0.03	39.77 2.32 -0.08
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.32 0.89 -1.60	36.15 0.82 -1.07	34.75 0.79 -0.93	30.35 0.67 -0.53	31.93 0.70 -0.72	34.06 0.78 -0.86	35.77 0.81 -1.01	39.25 0.74 -1.40	39.47 0.64 -1.43	36.95 0.40 -0.65	37.06 0.46 -1.23	38.10 0.47 -1.35	39.19 0.45 -0.89	40.75 0.54 -1.60	41.20 0.51 -1.10	44.84 0.63 -2.01	51.08 0.86 -2.65	62.26 1.31 -3.89	63.36 1.65 -4.64	60.08 1.57 -4.30	53.42 1.36 -3.39	48.40 1.25 -2.55	42.33 1.02 -0.70	38.82 1.01 -0.44
ETNA____115KV_TB2 80207	41.32 0.89 -1.60	36.15 0.82 -1.07	34.75 0.79 -0.93	30.35 0.67 -0.53	31.93 0.70 -0.72	34.06 0.78 -0.86	35.77 0.81 -1.01	39.25 0.74 -1.40	39.47 0.64 -1.43	36.95 0.40 -0.65	37.06 0.46 -1.23	38.10 0.47 -1.35	39.19 0.45 -0.89	40.75 0.54 -1.60	41.20 0.51 -1.10	44.84 0.63 -2.01	51.08 0.86 -2.65	62.26 1.31 -3.89	63.36 1.65 -4.64	60.08 1.57 -4.30	53.42 1.36 -3.39	48.40 1.25 -2.55	42.33 1.02 -0.70	38.82 1.01 -0.44
EUCLID___115KV_TB2 356179	41.65 -0.27 -3.09	36.41 -0.21 -2.37	35.53 -0.20 -2.71	30.91 -0.17 -1.94	32.39 -0.21 -2.09	34.85 -0.23 -2.66	36.47 -0.24 -2.77	39.71 -0.33 -2.94	39.99 -0.37 -2.96	37.38 -0.43 -1.90	37.47 -0.39 -2.49	38.51 -0.36 -2.59	39.53 -0.38 -2.07	39.89 -0.31 -1.59	41.50 -0.36 -2.27	44.12 -0.38 -2.31	50.76 -0.43 -3.62	61.18 -0.40 -4.51	62.14 -0.29 -5.36	59.03 -0.27 -5.09	52.86 -0.24 -4.44	48.22 -0.18 -3.80	42.46 -0.24 -2.09	39.17 -0.15 -1.95
E_CANADA_CAP_HY 24051	40.84 2.41 0.40	36.18 2.16 0.23	34.91 2.08 0.19	30.91 1.81 0.05	32.35 1.95 0.11	34.39 2.11 0.14	35.95 2.17 0.16	39.08 2.19 0.22	38.37 1.53 0.57	35.95 0.86 0.82	35.34 0.49 0.53	36.22 0.58 0.64	37.91 0.68 0.61	38.89 0.81 0.53	40.20 0.99 0.38	43.23 1.48 0.45	49.10 2.09 0.56	60.16 3.31 0.21	60.58 3.71 0.19	57.57 3.63 0.27	51.62 3.31 0.35	47.40 3.25 0.45	43.25 2.88 0.25	39.95 2.58 0.00
E_CANADA_MHWK_HY 24050	39.36 -0.70 -1.23	34.73 -0.58 -1.06	33.91 -0.56 -1.44	29.77 -0.52 -1.14	31.14 -0.49 -1.12	33.37 -0.52 -1.46	34.86 -0.51 -1.43	37.82 -0.56 -1.26	38.02 -0.64 -1.25	36.22 -0.72 -1.02	35.66 -0.74 -1.03	36.61 -0.69 -1.02	37.97 -0.83 -0.96	37.81 -0.81 -0.02	39.68 -0.87 -0.96	41.54 -0.93 -0.27	47.40 -1.00 -0.82	56.67 -0.97 -0.57	56.81 -0.92 -0.66	54.05 -0.87 -0.71	48.74 -0.83 -0.90	44.98 -0.67 -1.05	41.09 -0.65 -1.13	37.92 -0.67 -1.23
E_FISHKILL___LBMP 23776	40.78 1.05 -0.90	35.69 0.92 -0.51	34.25 0.79 -0.43	29.96 0.70 -0.11	31.43 0.67 -0.25	33.33 0.58 -0.32	34.95 0.64 -0.37	38.43 0.82 -0.50	39.62 0.94 -1.28	38.79 1.04 -1.84	37.65 1.10 -1.19	39.03 1.31 -1.44	40.56 1.32 -1.39	41.03 1.24 -1.19	41.87 1.43 -0.85	44.47 1.27 -1.00	50.18 1.33 -1.27	58.74 1.20 -0.47	58.51 1.03 -0.42	55.73 0.92 -0.60	50.44 0.97 -0.80	46.61 0.98 -1.02	42.35 1.18 -0.56	38.45 1.08 0.00
FALCON___SEABRD_CC1 323796	43.83 1.05 -3.94	38.64 0.99 -3.40	38.58 0.92 -4.64	33.67 0.85 -3.68	35.06 0.95 -3.60	38.25 1.13 -4.69	39.71 1.19 -4.58	42.57 1.41 -4.05	43.01 1.57 -4.03	40.71 1.51 -3.29	40.10 1.42 -3.32	41.04 1.49 -3.27	42.33 1.40 -3.09	40.06 1.39 -0.06	44.10 1.42 -3.09	44.59 1.52 -0.88	51.27 1.05 -2.65	60.04 1.14 -1.84	60.33 1.14 -2.12	57.41 0.92 -2.28	52.39 0.83 -2.90	48.81 0.85 -3.37	45.88 1.63 -3.64	42.51 1.20 -3.94
FALCON___SEABRD_CC2 323797	43.83 1.05 -3.94	38.64 0.99 -3.40	38.58 0.92 -4.64	33.67 0.85 -3.68	35.06 0.95 -3.60	38.25 1.13 -4.69	39.71 1.19 -4.58	42.57 1.41 -4.05	43.01 1.57 -4.03	40.71 1.51 -3.29	40.10 1.42 -3.32	41.04 1.49 -3.27	42.33 1.40 -3.09	40.06 1.39 -0.06	44.10 1.42 -3.09	44.59 1.52 -0.88	51.27 1.05 -2.65	60.04 1.14 -1.84	60.33 1.14 -2.12	57.41 0.92 -2.28	52.39 0.83 -2.90	48.81 0.85 -3.37	45.88 1.63 -3.64	42.51 1.20 -3.94

FAR ROCKAWAY___4 23548	42.12 2.41 -0.88	36.87 2.12 -0.50	35.00 1.55 -0.42	30.54 1.28 -0.11	31.82 1.07 -0.24	33.75 1.01 -0.32	35.52 1.22 -0.36	39.01 1.41 -0.49	40.38 1.72 -1.25	39.61 1.90 -1.80	38.83 2.30 -1.16	40.24 2.54 -1.42	41.83 2.61 -1.37	42.25 2.47 -1.18	43.13 2.69 -0.85	45.58 2.41 -0.98	51.48 2.66 -1.24	60.04 2.51 -0.46	59.59 2.11 -0.41	56.58 1.79 -0.59	51.05 1.61 -0.78	47.11 1.52 -1.00	43.11 1.95 -0.55	39.35 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.89 2.17 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.78 1.04 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.23 1.57 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.79 2.10 -1.41	41.36 2.16 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.29 2.11 -0.98	51.00 2.19 -1.24	59.64 2.11 -0.46	59.93 2.45 -0.41	56.53 1.73 -0.59	51.10 1.65 -0.78	47.25 1.65 -1.00	43.03 1.87 -0.55	39.13 1.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.61 1.90 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.78 1.04 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.27 1.61 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.79 2.10 -1.41	41.36 2.16 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.33 2.15 -0.98	51.00 2.19 -1.24	59.64 2.11 -0.46	59.47 2.00 -0.41	56.53 1.73 -0.59	51.15 1.70 -0.78	47.30 1.69 -1.00	43.07 1.91 -0.55	39.13 1.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.57 1.86 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.37 1.11 -0.11	31.85 1.10 -0.24	33.78 1.04 -0.32	35.42 1.12 -0.36	38.97 1.37 -0.49	40.23 1.57 -1.25	39.40 1.69 -1.80	38.30 1.77 -1.16	39.76 2.07 -1.41	41.36 2.16 -1.36	41.77 2.01 -1.16	42.68 2.26 -0.83	45.29 2.11 -0.98	50.96 2.14 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.10 1.65 -0.78	47.25 1.65 -1.00	43.03 1.87 -0.55	39.09 1.72 0.00
FARRAGUT___LBMP 323566	41.57 1.86 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.19 1.53 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.72 2.03 -1.41	41.32 2.12 -1.36	41.74 1.97 -1.16	42.68 2.26 -0.83	45.24 2.07 -0.98	50.91 2.09 -1.24	59.53 2.00 -0.46	59.36 1.88 -0.41	56.42 1.63 -0.59	51.05 1.61 -0.78	47.21 1.61 -1.00	42.99 1.83 -0.55	39.05 1.68 0.00
FENNER___WINDPWR 24204	43.55 0.93 -3.78	38.07 0.79 -3.03	37.53 0.79 -3.72	32.61 0.67 -2.79	34.12 0.73 -2.88	36.94 0.81 -3.70	38.53 0.85 -3.75	41.70 0.89 -3.70	41.86 0.75 -3.71	39.08 0.54 -2.63	38.96 0.49 -3.10	39.95 0.51 -3.16	41.10 0.57 -2.69	40.46 0.58 -1.28	42.99 0.55 -2.84	45.07 0.76 -2.12	52.42 1.10 -3.75	62.79 1.54 -4.18	63.67 1.66 -4.95	60.68 1.68 -4.79	54.61 1.46 -4.49	49.99 1.25 -4.14	44.53 1.02 -2.90	41.12 0.86 -2.89
FIBERTEK___ENERGY 23856	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.07 0.07 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 -0.07 -3.14	40.19 -0.04 -2.38	41.10 0.04 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.58 0.10 -4.91	63.81 0.23 -6.52	65.23 0.40 -7.77	61.89 0.38 -7.30	55.07 0.29 -6.11	49.91 0.31 -4.99	43.05 0.16 -2.27	39.53 0.19 -1.98
FITZPATRICK___ 23598	24.95 -0.85 13.03	24.72 -0.75 8.77	24.69 -0.73 7.61	24.20 -0.64 4.31	24.00 -0.67 5.84	24.67 -0.74 7.01	24.91 -0.75 8.28	24.80 -0.89 11.42	24.80 -0.93 11.67	29.70 -0.93 5.28	24.44 -0.88 10.05	24.36 -0.91 11.01	29.70 -0.87 7.28	24.64 -0.89 13.08	29.70 -0.95 8.94	24.76 -1.01 16.42	24.91 -1.05 21.62	24.09 -1.26 31.72	17.90 -1.26 37.91	17.92 -1.14 35.14	20.00 -1.02 27.64	22.86 -0.94 20.81	34.00 -0.89 5.72	33.00 -0.79 3.58
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.11 1.59 -0.69	36.08 1.44 -0.39	34.58 1.22 -0.33	30.29 1.05 -0.09	31.74 1.04 -0.19	33.68 1.01 -0.25	35.31 1.09 -0.28	38.72 1.22 -0.39	39.70 1.31 -0.98	38.69 1.36 -1.41	37.66 1.38 -0.91	38.98 1.60 -1.10	40.58 1.67 -1.06	41.18 1.66 -0.91	42.07 1.82 -0.65	44.74 1.77 -0.77	50.59 2.05 -0.97	59.48 2.05 -0.36	59.38 2.00 -0.33	56.51 1.84 -0.46	51.03 1.75 -0.61	47.04 1.65 -0.79	42.83 1.79 -0.43	38.94 1.57 0.00
FORT ORANGE___ 23900	38.29 0.00 0.55	33.94 0.00 0.31	32.76 0.00 0.26	29.14 0.06 0.07	30.39 0.03 0.15	32.29 0.06 0.20	33.75 0.03 0.22	36.91 0.11 0.31	36.66 0.04 0.78	34.79 0.00 1.12	34.54 -0.11 0.73	35.33 -0.07 0.88	36.55 -0.45 0.85	37.42 -0.46 0.73	38.84 -0.24 0.52	41.24 -0.34 0.61	46.42 -0.38 0.77	56.49 -0.28 0.29	56.46 -0.34 0.26	53.46 -0.38 0.37	47.94 -0.24 0.49	43.80 -0.18 0.63	40.11 -0.16 0.34	37.07 -0.30 0.00
FORT_DRUM_COGEN 23780	55.76 1.32 -15.61	48.47 1.10 -13.12	51.63 1.25 -17.35	43.70 1.02 -13.54	45.13 1.16 -13.46	51.13 1.23 -17.47	52.54 1.36 -17.24	54.31 1.41 -15.79	54.31 1.16 -15.75	48.95 0.75 -12.29	48.85 0.46 -13.02	49.70 0.44 -12.98	49.99 0.30 -11.84	40.85 0.31 -1.94	51.85 0.20 -12.06	48.03 0.59 -5.25	60.74 1.00 -12.16	69.40 1.71 -10.62	71.68 2.17 -12.44	69.18 2.33 -12.64	64.60 2.09 -13.84	61.07 1.87 -14.60	55.62 1.42 -13.59	52.86 1.12 -14.37
FOX_HILLS___ESR 323835	41.81 2.10 -0.88	36.63 1.88 -0.50	35.03 1.59 -0.42	30.63 1.37 -0.11	32.12 1.37 -0.24	34.01 1.26 -0.32	35.65 1.36 -0.36	39.09 1.48 -0.49	40.08 1.42 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.87 2.18 -1.41	41.24 2.04 -1.36	41.74 1.97 -1.16	42.60 2.18 -0.83	45.12 1.94 -0.98	50.67 1.86 -1.24	58.96 1.43 -0.46	58.68 1.20 -0.41	55.82 1.03 -0.59	50.52 1.07 -0.78	46.99 1.38 -1.00	42.99 1.83 -0.55	39.39 2.02 0.00
FPL_FAR_ROCK_GT1 24212	42.12 2.41 -0.88	36.88 2.12 -0.50	35.00 1.55 -0.42	30.54 1.28 -0.11	31.82 1.07 -0.24	33.75 1.01 -0.32	35.52 1.22 -0.36	39.01 1.41 -0.49	40.34 1.68 -1.25	39.61 1.90 -1.80	38.86 2.33 -1.16	40.06 2.36 -1.42	41.37 2.16 -1.37	42.02 2.24 -1.18	43.13 2.69 -0.85	45.33 2.15 -0.98	50.86 2.04 -1.24	59.70 2.17 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	50.90 1.46 -0.78	47.02 1.43 -1.00	42.62 1.46 -0.55	39.31 1.94 0.00
FPL_FAR_ROCK_GT2 23815	42.12 2.41 -0.88	36.88 2.12 -0.50	35.00 1.55 -0.42	30.54 1.28 -0.11	31.82 1.07 -0.24	33.75 1.01 -0.32	35.52 1.22 -0.36	39.01 1.41 -0.49	40.34 1.68 -1.25	39.61 1.90 -1.80	38.86 2.33 -1.16	40.06 2.36 -1.42	41.37 2.16 -1.37	42.02 2.24 -1.18	43.13 2.69 -0.85	45.33 2.15 -0.98	50.86 2.04 -1.24	59.70 2.17 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	50.90 1.46 -0.78	47.02 1.43 -1.00	42.62 1.46 -0.55	39.31 1.94 0.00
FRANKLIN_FALL_HYD 24054	58.79 1.13 -18.83	51.46 0.99 -16.21	56.12 0.96 -22.14	47.56 0.85 -17.56	48.68 0.98 -17.20	55.97 1.13 -22.41	57.00 1.19 -21.88	57.91 1.45 -19.36	58.23 1.57 -19.25	53.12 1.51 -15.70	52.66 1.45 -15.85	53.43 1.52 -15.62	53.99 1.40 -14.74	40.26 1.35 -0.31	55.77 1.43 -14.75	47.91 1.52 -4.20	61.74 1.52 -12.65	67.60 1.77 -8.77	68.98 1.77 -10.14	66.68 1.57 -10.90	63.98 1.46 -13.85	61.71 1.03 -16.08	58.97 0.97 -17.38	57.20 1.01 -18.82

FREEPORT_EQUS_GT1 23764	41.73 2.02 -0.88	36.50 1.75 -0.50	34.63 1.19 -0.42	30.22 0.96 -0.11	31.48 0.73 -0.24	33.39 0.65 -0.32	35.18 0.88 -0.36	38.68 1.08 -0.49	39.97 1.31 -1.25	39.25 1.54 -1.80	38.51 1.98 -1.16	39.66 1.96 -1.42	40.92 1.70 -1.37	41.56 1.78 -1.17	42.65 2.22 -0.84	44.78 1.60 -0.98	50.20 1.38 -1.24	58.96 1.43 -0.46	58.45 0.97 -0.41	55.61 0.81 -0.59	50.27 0.83 -0.78	46.44 0.85 -1.00	42.22 1.05 -0.55	38.94 1.57 0.00
FREEPORT___CT2 23818	41.73 2.02 -0.88	36.50 1.75 -0.50	34.63 1.19 -0.42	30.22 0.96 -0.11	31.48 0.73 -0.24	33.39 0.65 -0.32	35.18 0.88 -0.36	38.68 1.08 -0.49	39.97 1.31 -1.25	39.25 1.54 -1.80	38.51 1.98 -1.16	39.66 1.96 -1.42	40.92 1.70 -1.37	41.56 1.78 -1.17	42.65 2.22 -0.84	44.78 1.60 -0.98	50.20 1.38 -1.24	58.96 1.43 -0.46	58.45 0.97 -0.41	55.61 0.81 -0.59	50.27 0.83 -0.78	46.44 0.85 -1.00	42.22 1.05 -0.55	38.94 1.57 0.00
FRESHKLS_33_KV_LOAD 356253	41.89 2.17 -0.88	36.74 1.99 -0.50	35.13 1.68 -0.42	30.72 1.46 -0.11	32.22 1.46 -0.24	34.14 1.39 -0.32	35.76 1.46 -0.36	39.20 1.60 -0.49	40.15 1.50 -1.25	39.58 1.87 -1.80	38.51 1.98 -1.16	39.90 2.21 -1.41	41.21 2.01 -1.36	41.74 1.97 -1.16	42.60 2.18 -0.83	45.12 1.94 -0.98	50.67 1.86 -1.24	58.96 1.43 -0.46	58.68 1.20 -0.41	55.82 1.03 -0.59	50.52 1.07 -0.78	46.94 1.34 -1.00	42.99 1.83 -0.55	39.50 2.13 0.00
FULTON COGEN____ 23766	41.69 -0.12 -2.98	36.47 -0.07 -2.29	35.56 -0.10 -2.64	30.99 -0.06 -1.90	32.46 -0.09 -2.04	34.92 -0.10 -2.59	36.53 -0.10 -2.69	39.76 -0.19 -2.84	40.00 -0.26 -2.86	37.41 -0.36 -1.86	37.45 -0.32 -2.40	38.45 -0.33 -2.49	39.51 -0.34 -2.00	39.82 -0.27 -1.49	41.47 -0.32 -2.19	44.12 -0.25 -2.17	50.77 -0.24 -3.44	61.20 -0.11 -4.25	62.17 0.06 -5.06	59.07 0.05 -4.81	52.87 0.00 -4.21	48.27 0.04 -3.62	42.62 -0.04 -2.04	39.29 0.00 -1.92
FULTON___LFGE 323630	40.51 2.13 0.46	35.91 1.92 0.26	34.65 1.85 0.22	30.69 1.60 0.06	32.12 1.74 0.13	34.14 1.88 0.17	35.68 1.93 0.19	38.85 2.00 0.26	38.02 1.27 0.66	35.54 0.57 0.95	34.86 0.11 0.61	35.62 0.07 0.74	37.25 0.11 0.71	38.23 0.23 0.61	39.63 0.48 0.44	42.65 0.97 0.52	48.63 1.71 0.65	59.79 2.97 0.24	60.27 3.42 0.22	57.20 3.31 0.31	51.32 3.07 0.41	47.02 2.94 0.53	42.93 2.60 0.29	39.65 2.28 0.00
G.F.CEMENT___DRP 24184	38.90 0.82 0.75	34.68 0.86 0.43	33.49 0.83 0.36	29.75 0.70 0.10	31.10 0.79 0.21	32.93 0.78 0.27	34.45 0.81 0.31	37.58 0.89 0.42	36.93 0.60 1.07	34.81 0.43 1.53	34.49 0.11 0.99	35.23 0.15 1.20	36.84 0.15 1.15	37.85 0.23 0.99	39.28 0.40 0.71	41.82 0.46 0.84	47.52 1.00 1.06	58.04 1.37 0.39	58.25 1.54 0.35	55.22 1.52 0.50	49.41 1.41 0.67	45.22 1.47 0.85	41.45 1.30 0.47	38.38 1.01 0.00
GARDENVILLE___LBMP 24039	40.80 0.97 -1.00	35.95 1.03 -0.67	34.63 1.02 -0.58	30.47 0.99 -0.33	31.78 0.82 -0.45	33.87 0.91 -0.54	35.45 0.88 -0.63	38.06 0.07 -0.87	38.45 0.15 -0.89	36.24 -0.07 -0.40	36.67 0.53 -0.77	37.42 0.29 -0.84	38.59 0.19 -0.56	40.26 0.66 -1.00	40.39 0.12 -0.68	43.45 0.00 -1.26	48.37 -0.86 -1.66	58.75 -0.74 -2.43	59.85 -0.11 -2.90	56.46 -0.43 -2.69	50.73 -0.05 -2.12	46.51 0.31 -1.59	41.34 0.28 -0.44	38.95 1.31 -0.27
GARDNVLA_35_KV_LD 355827	40.97 1.17 -0.97	36.07 1.16 -0.66	34.78 1.19 -0.57	30.61 1.14 -0.32	31.89 0.95 -0.44	33.99 1.04 -0.52	35.61 1.05 -0.62	38.26 0.30 -0.85	38.65 0.37 -0.87	36.48 0.18 -0.39	36.90 0.78 -0.75	37.65 0.54 -0.82	38.88 0.49 -0.54	40.55 0.97 -0.98	40.70 0.44 -0.67	43.76 0.34 -1.23	48.67 -0.52 -1.62	59.04 -0.40 -2.37	60.18 0.29 -2.83	56.72 -0.11 -2.63	50.98 0.24 -2.07	46.69 0.54 -1.56	41.57 0.53 -0.43	39.09 1.46 -0.27
GELCKHM___115KV_LOAD 80723	42.02 -0.12 -3.30	36.64 -0.10 -2.49	35.70 -0.10 -2.78	31.01 -0.09 -1.95	32.56 -0.09 -2.15	35.04 -0.10 -2.71	36.69 -0.10 -2.85	40.00 -0.22 -3.11	40.28 -0.26 -3.14	37.54 -0.32 -1.95	37.77 -0.25 -2.65	38.80 -0.25 -2.77	39.78 -0.23 -2.17	40.36 -0.15 -1.90	41.80 -0.20 -2.41	44.67 -0.21 -2.68	51.41 -0.24 -4.07	62.12 -0.17 -5.23	63.28 0.00 -6.22	60.09 0.00 -5.88	53.65 -0.05 -5.03	48.82 0.00 -4.21	42.67 -0.08 -2.14	39.28 -0.04 -1.94
GENERAL___MILLS 23808	40.86 1.05 -0.98	36.01 1.10 -0.66	34.68 1.09 -0.57	30.52 1.05 -0.32	31.80 0.85 -0.44	33.89 0.94 -0.53	35.51 0.95 -0.62	38.15 0.19 -0.86	38.54 0.26 -0.88	36.34 0.04 -0.40	36.76 0.64 -0.75	37.54 0.44 -0.83	38.73 0.34 -0.55	40.40 0.81 -0.98	40.54 0.28 -0.67	43.60 0.17 -1.23	48.44 -0.76 -1.62	58.82 -0.63 -2.38	59.96 0.06 -2.84	56.52 -0.33 -2.64	50.79 0.05 -2.07	46.52 0.36 -1.56	41.41 0.37 -0.43	39.02 1.38 -0.27
GE_PLASTICS___DRP 24183	38.50 0.08 0.41	34.08 0.07 0.24	32.86 0.03 0.20	29.18 0.09 0.05	30.46 0.06 0.11	32.31 0.03 0.15	33.80 0.03 0.17	36.99 0.11 0.23	36.89 0.07 0.59	35.13 0.07 0.85	34.82 0.00 0.55	35.33 -0.29 0.66	36.83 -0.38 0.64	37.63 -0.42 0.55	38.88 -0.32 0.39	41.31 -0.42 0.46	46.51 -0.48 0.58	56.16 -0.68 0.22	56.07 -0.80 0.20	53.17 -0.76 0.28	47.71 -0.58 0.37	43.64 -0.49 0.47	39.99 -0.37 0.26	36.88 -0.49 0.00
GILBOA___1 23756	39.49 0.47 -0.19	34.77 0.41 -0.11	33.61 0.50 -0.09	29.61 0.44 -0.02	30.99 0.43 -0.05	32.88 0.39 -0.07	34.29 0.27 -0.08	37.59 0.37 -0.11	38.05 0.37 -0.27	36.70 0.40 -0.39	36.01 0.39 -0.25	37.02 0.44 -0.30	38.52 0.38 -0.29	39.20 0.35 -0.25	40.28 0.51 -0.18	42.83 0.42 -0.21	48.18 0.34 -0.27	57.62 0.45 -0.10	57.38 0.23 -0.09	54.50 0.16 -0.13	49.18 0.34 -0.17	45.22 0.40 -0.22	41.18 0.45 -0.12	37.82 0.45 0.00
GILBOA___2 23757	39.49 0.47 -0.19	34.77 0.41 -0.11	33.61 0.50 -0.09	29.61 0.44 -0.02	30.99 0.43 -0.05	32.88 0.39 -0.07	34.29 0.27 -0.08	37.59 0.37 -0.11	38.05 0.37 -0.27	36.70 0.40 -0.39	36.01 0.39 -0.25	37.02 0.44 -0.30	38.52 0.38 -0.29	39.20 0.35 -0.25	40.28 0.51 -0.18	42.83 0.42 -0.21	48.18 0.34 -0.27	57.62 0.45 -0.10	57.38 0.23 -0.09	54.50 0.16 -0.13	49.18 0.34 -0.17	45.22 0.40 -0.22	41.18 0.45 -0.12	37.82 0.45 0.00
GILBOA___3 23758	39.49 0.47 -0.19	34.77 0.41 -0.11	33.61 0.50 -0.09	29.61 0.44 -0.02	30.99 0.43 -0.05	32.88 0.39 -0.07	34.29 0.27 -0.08	37.59 0.37 -0.11	38.05 0.37 -0.27	36.70 0.40 -0.39	36.01 0.39 -0.25	37.02 0.44 -0.30	38.52 0.38 -0.29	39.20 0.35 -0.25	40.28 0.51 -0.18	42.83 0.42 -0.21	48.18 0.34 -0.27	57.62 0.45 -0.10	57.38 0.23 -0.09	54.50 0.16 -0.13	49.18 0.34 -0.17	45.22 0.40 -0.22	41.18 0.45 -0.12	37.82 0.45 0.00
GILBOA___4 23759	39.49 0.47 -0.19	34.77 0.41 -0.11	33.61 0.50 -0.09	29.61 0.44 -0.02	30.99 0.43 -0.05	32.88 0.39 -0.07	34.29 0.27 -0.08	37.59 0.37 -0.11	38.05 0.37 -0.27	36.70 0.40 -0.39	36.01 0.39 -0.25	37.02 0.44 -0.30	38.52 0.38 -0.29	39.20 0.35 -0.25	40.28 0.51 -0.18	42.83 0.42 -0.21	48.18 0.34 -0.27	57.62 0.45 -0.10	57.38 0.23 -0.09	54.50 0.16 -0.13	49.18 0.34 -0.17	45.22 0.40 -0.22	41.18 0.45 -0.12	37.82 0.45 0.00

GILBOA____ 23599	39.49 0.47 -0.19	34.77 0.41 -0.11	33.61 0.50 -0.09	29.61 0.44 -0.02	30.99 0.43 -0.05	32.88 0.39 -0.07	34.29 0.27 -0.08	37.59 0.37 -0.11	38.05 0.37 -0.27	36.69 0.40 -0.39	36.01 0.39 -0.25	37.06 0.47 -0.30	38.59 0.45 -0.29	39.28 0.42 -0.25	40.29 0.51 -0.18	42.83 0.42 -0.21	48.32 0.48 -0.27	57.62 0.46 -0.10	57.27 0.11 -0.09	54.55 0.22 -0.13	49.13 0.29 -0.17	45.26 0.45 -0.22	41.22 0.49 -0.12	37.82 0.45 0.00
GINNA____ 23603	38.60 -1.20 -0.97	33.84 -1.06 -0.65	32.53 -1.06 -0.56	28.56 -0.90 -0.32	29.90 -1.04 -0.43	31.78 -1.17 -0.52	33.50 -1.05 -0.61	36.58 -1.37 -0.85	36.81 -1.46 -0.87	34.83 -1.47 -0.39	34.88 -1.24 -0.75	35.80 -1.30 -0.82	37.37 -1.02 -0.54	38.61 -0.96 -0.97	38.91 -1.35 -0.66	42.02 -1.39 -1.22	47.80 -1.38 -1.60	57.59 -1.83 -2.35	58.10 -1.77 -2.81	55.35 -1.46 -2.61	49.21 -1.51 -2.05	44.81 -1.34 -1.54	39.78 -1.26 -0.42	36.66 -0.97 -0.27
GLEN PARK____ 23778	55.34 1.55 -14.95	48.06 1.27 -12.54	50.97 1.42 -16.52	43.19 1.17 -12.87	44.67 1.34 -12.82	50.45 1.39 -16.63	51.90 1.53 -16.43	53.80 1.59 -15.10	53.77 1.31 -15.06	48.47 0.86 -11.70	48.36 0.53 -12.46	49.26 0.55 -12.43	49.61 0.46 -11.30	41.08 0.46 -2.01	51.45 0.32 -11.54	48.14 0.76 -5.18	60.71 1.33 -11.80	69.65 2.11 -10.47	71.97 2.63 -12.28	69.40 2.76 -12.43	64.62 2.48 -13.47	60.92 2.23 -14.09	55.25 1.71 -12.94	52.40 1.38 -13.65
GLENDALE_27_KV_LOAD 356172	41.73 2.02 -0.88	36.53 1.78 -0.50	34.90 1.45 -0.42	30.51 1.25 -0.11	32.03 1.28 -0.24	33.91 1.17 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.27 1.61 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.47 2.27 -1.36	41.89 2.12 -1.16	42.84 2.42 -0.83	45.41 2.24 -0.98	50.96 2.14 -1.24	59.53 2.00 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.30 1.69 -1.00	43.15 1.99 -0.55	39.28 1.91 0.00
GLENWOOD_IC_1_G5 23712	41.65 1.94 -0.88	36.43 1.68 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.28 0.98 -0.36	38.83 1.22 -0.49	40.12 1.46 -1.25	39.33 1.62 -1.80	38.40 1.87 -1.16	39.84 2.14 -1.42	41.41 2.20 -1.37	41.83 2.05 -1.18	42.70 2.26 -0.85	45.16 1.98 -0.98	50.62 1.81 -1.24	59.13 1.60 -0.46	58.73 1.26 -0.41	55.82 1.03 -0.59	50.42 0.97 -0.78	46.94 1.34 -1.00	42.87 1.71 -0.55	39.05 1.68 0.00
GLENWOOD_IC_2_G1 23688	41.46 1.75 -0.88	36.29 1.54 -0.50	34.60 1.16 -0.42	30.22 0.96 -0.11	31.64 0.89 -0.24	33.55 0.81 -0.32	35.21 0.92 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.18 1.47 -1.80	38.23 1.70 -1.16	39.50 1.81 -1.41	40.86 1.66 -1.36	41.43 1.66 -1.16	42.44 2.02 -0.83	44.87 1.69 -0.98	50.24 1.43 -1.24	59.12 1.60 -0.46	58.79 1.31 -0.41	55.87 1.08 -0.59	50.57 1.12 -0.78	46.81 1.20 -1.00	42.46 1.30 -0.55	38.87 1.50 0.00
GLENWOOD_IC_3_G1 23689	41.46 1.75 -0.88	36.29 1.54 -0.50	34.60 1.16 -0.42	30.22 0.96 -0.11	31.64 0.89 -0.24	33.55 0.81 -0.32	35.21 0.92 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.18 1.47 -1.80	38.23 1.70 -1.16	39.50 1.81 -1.41	40.86 1.66 -1.36	41.43 1.66 -1.16	42.44 2.02 -0.83	44.87 1.69 -0.98	50.24 1.43 -1.24	59.12 1.60 -0.46	58.79 1.31 -0.41	55.87 1.08 -0.59	50.57 1.12 -0.78	46.81 1.20 -1.00	42.46 1.30 -0.55	38.87 1.50 0.00
GLENWOOD____4 23550	41.65 1.94 -0.88	36.43 1.68 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.28 0.98 -0.36	38.83 1.22 -0.49	40.12 1.46 -1.25	39.33 1.62 -1.80	38.40 1.87 -1.16	39.84 2.14 -1.42	41.41 2.20 -1.37	41.83 2.05 -1.18	42.70 2.26 -0.85	45.16 1.98 -0.98	50.77 1.95 -1.24	59.24 1.71 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.56 1.12 -0.78	46.94 1.34 -1.00	42.87 1.71 -0.55	39.05 1.68 0.00
GLENWOOD____5 23614	41.65 1.94 -0.88	36.43 1.68 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.28 0.98 -0.36	38.83 1.22 -0.49	40.12 1.46 -1.25	39.33 1.62 -1.80	38.40 1.87 -1.16	39.84 2.14 -1.42	41.41 2.20 -1.37	41.83 2.05 -1.18	42.70 2.26 -0.85	45.16 1.98 -0.98	50.77 1.95 -1.24	59.24 1.71 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.56 1.12 -0.78	46.94 1.34 -1.00	42.87 1.71 -0.55	39.05 1.68 0.00
GLOBAL GREEN_PORT_GT1 23814	42.27 2.56 -0.88	36.88 2.12 -0.50	34.93 1.49 -0.42	30.54 1.28 -0.11	31.67 0.91 -0.24	33.62 0.88 -0.32	35.41 1.12 -0.36	39.05 1.45 -0.49	40.49 1.83 -1.25	39.79 2.08 -1.80	39.25 2.72 -1.16	40.31 2.61 -1.41	41.67 2.46 -1.36	42.52 2.74 -1.17	43.84 3.41 -0.84	45.92 2.74 -0.98	51.67 2.85 -1.24	60.49 2.97 -0.46	59.70 2.22 -0.41	56.63 1.84 -0.59	51.00 1.56 -0.77	46.98 1.38 -0.99	42.79 1.63 -0.55	39.65 2.28 0.00
GLOBE____DSASP 323697	40.52 0.74 -0.95	35.71 0.82 -0.64	34.40 0.83 -0.55	30.31 0.85 -0.31	31.54 0.61 -0.42	33.58 0.65 -0.51	34.78 0.24 -0.60	36.97 -0.96 -0.83	37.39 -0.86 -0.85	35.36 -0.93 -0.38	35.78 -0.32 -0.73	36.47 -0.62 -0.80	37.58 -0.79 -0.53	39.32 -0.23 -0.95	39.41 -0.83 -0.65	42.29 -1.10 -1.19	46.82 -2.33 -1.57	56.63 -2.74 -2.31	57.65 -2.17 -2.76	54.37 -2.39 -2.55	48.97 -1.70 -2.01	45.04 -1.07 -1.51	40.14 -0.89 -0.42	38.64 1.01 -0.26
GOETHSLN____LBMP 323567	41.34 1.63 -0.88	36.19 1.44 -0.50	34.57 1.12 -0.42	30.19 0.93 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.21 0.92 -0.36	38.75 1.15 -0.49	40.00 1.35 -1.25	39.18 1.47 -1.80	38.09 1.56 -1.16	39.54 1.85 -1.41	41.13 1.93 -1.36	41.54 1.78 -1.16	42.44 2.02 -0.83	44.99 1.81 -0.98	50.62 1.81 -1.24	59.24 1.71 -0.46	59.02 1.54 -0.41	56.15 1.36 -0.59	50.76 1.31 -0.78	46.94 1.34 -1.00	42.75 1.58 -0.55	38.86 1.49 0.00
GOLAH____69_KV_TB 1_2 80279	40.72 0.97 -0.92	35.80 0.92 -0.62	34.45 0.89 -0.54	30.27 0.82 -0.30	31.65 0.73 -0.41	33.63 0.71 -0.49	35.34 0.81 -0.58	38.36 0.45 -0.81	38.60 0.37 -0.82	36.50 0.22 -0.37	36.61 0.53 -0.71	37.46 0.40 -0.78	38.74 0.38 -0.51	40.22 0.69 -0.92	40.66 0.44 -0.63	43.78 0.42 -1.16	49.01 -0.10 -1.53	59.53 0.23 -2.24	60.37 0.63 -2.68	57.23 0.54 -2.48	51.20 0.58 -1.95	46.74 0.67 -1.47	41.59 0.57 -0.40	38.67 1.05 -0.25
GOODYEAR_LAKE_HYD 323669	40.86 1.51 -0.52	35.90 1.30 -0.35	34.58 1.25 -0.30	30.40 1.08 -0.17	31.90 1.16 -0.23	33.87 1.17 -0.28	35.45 1.19 -0.33	38.82 1.26 -0.45	39.02 1.16 -0.46	37.09 0.97 -0.21	36.69 0.92 -0.40	37.81 1.09 -0.44	39.19 1.06 -0.29	40.20 1.08 -0.52	41.05 1.11 -0.35	44.15 1.31 -0.65	50.05 1.62 -0.85	60.37 2.05 -1.25	60.67 2.11 -1.50	57.71 2.11 -1.39	51.71 1.95 -1.09	47.30 1.87 -0.82	42.54 1.71 -0.23	39.08 1.57 -0.14
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.71 0.66 -1.22	35.75 0.69 -0.82	34.43 0.69 -0.71	30.13 0.58 -0.40	31.60 0.55 -0.54	33.69 0.62 -0.65	35.32 0.61 -0.77	38.62 0.45 -1.07	38.94 0.45 -1.09	36.69 0.29 -0.49	36.73 0.42 -0.94	37.75 0.44 -1.03	38.94 0.42 -0.68	40.33 0.50 -1.22	40.82 0.40 -0.83	44.15 0.42 -1.53	49.97 0.38 -2.02	60.71 0.68 -2.96	61.51 0.91 -3.54	58.30 0.81 -3.28	52.02 0.78 -2.58	47.34 0.80 -1.94	41.84 0.69 -0.53	38.56 0.86 -0.33

GOUDEY___7 23579	40.71 0.66 -1.22	35.75 0.69 -0.82	34.43 0.69 -0.71	30.13 0.58 -0.40	31.60 0.55 -0.54	33.69 0.62 -0.65	35.32 0.61 -0.77	38.62 0.45 -1.07	38.94 0.45 -1.09	36.69 0.29 -0.49	36.73 0.42 -0.94	37.75 0.44 -1.03	38.94 0.42 -0.68	40.33 0.50 -1.22	40.82 0.40 -0.83	44.15 0.42 -1.53	49.97 0.38 -2.02	60.71 0.68 -2.96	61.51 0.91 -3.54	58.30 0.81 -3.28	52.02 0.78 -2.58	47.34 0.80 -1.94	41.84 0.69 -0.53	38.56 0.86 -0.33
GOUDEY___8 23580	40.71 0.66 -1.22	35.75 0.69 -0.82	34.43 0.69 -0.71	30.13 0.58 -0.40	31.60 0.55 -0.54	33.69 0.62 -0.65	35.32 0.61 -0.77	38.62 0.45 -1.07	38.94 0.45 -1.09	36.69 0.29 -0.49	36.73 0.42 -0.94	37.75 0.44 -1.03	38.94 0.42 -0.68	40.33 0.50 -1.22	40.82 0.40 -0.83	44.15 0.42 -1.53	49.97 0.38 -2.02	60.71 0.68 -2.96	61.51 0.91 -3.54	58.30 0.81 -3.28	52.02 0.78 -2.58	47.34 0.80 -1.94	41.84 0.69 -0.53	38.56 0.86 -0.33
GOWANUS_GT1_1 24077	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_2 24078	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_3 24079	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_4 24080	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_5 24084	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_6 24111	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_7 24112	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT1_8 24113	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT2_1 24114	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT2_2 24115	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT2_3 24116	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT2_4 24117	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT2_5 24118	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01

GOWANUS_GT2_6 24119	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT2_7 24120	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT2_8 24121	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_1 24122	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_2 24123	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_3 24124	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_4 24125	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_5 24126	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_6 24127	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_7 24128	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT3_8 24129	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
GOWANUS_GT4_1 24130	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT4_2 24131	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT4_3 24132	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT4_4 24133	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00

GOWANUS_GT4_5 24134	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT4_6 24135	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT4_7 24136	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GOWANUS_GT4_8 24137	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GREATVR_69_KV_BK1 356245	42.23 2.52 -0.88	36.84 2.09 -0.50	34.90 1.45 -0.42	30.46 1.20 -0.11	31.64 0.88 -0.24	33.55 0.81 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.30 1.65 -1.25	39.58 1.87 -1.80	38.86 2.33 -1.16	40.31 2.61 -1.41	41.90 2.69 -1.36	42.40 2.63 -1.17	43.32 2.89 -0.84	45.62 2.45 -0.98	51.67 2.85 -1.24	60.21 2.68 -0.46	59.65 2.17 -0.41	56.53 1.73 -0.59	50.95 1.51 -0.77	46.93 1.34 -0.99	43.23 2.07 -0.55	39.42 2.06 0.00
GREENBSH_115KV_TB3 55895	38.05 -0.19 0.59	33.71 -0.21 0.33	32.54 -0.20 0.28	28.96 -0.12 0.07	30.19 -0.15 0.16	32.05 -0.16 0.21	33.56 -0.14 0.24	36.71 -0.07 0.33	36.45 -0.11 0.84	34.60 -0.11 1.20	34.38 -0.21 0.78	35.05 -0.29 0.94	36.52 -0.42 0.91	37.36 -0.46 0.78	38.72 -0.32 0.56	41.07 -0.46 0.66	46.32 -0.43 0.83	56.13 -0.63 0.31	56.04 -0.74 0.28	53.16 -0.65 0.39	47.61 -0.54 0.52	43.48 -0.45 0.67	39.92 -0.32 0.37	36.92 -0.45 0.00
GREENDGE_115KV_TB5 80291	40.93 0.78 -1.32	36.16 1.03 -0.89	34.78 0.99 -0.77	30.46 0.87 -0.43	31.95 0.85 -0.59	34.10 0.97 -0.71	35.83 1.05 -0.84	39.08 0.82 -1.15	39.25 0.67 -1.18	36.84 0.40 -0.53	36.95 0.57 -1.01	37.87 0.47 -1.11	38.81 0.23 -0.73	40.35 0.42 -1.32	40.77 0.28 -0.90	44.23 0.38 -1.66	50.19 0.43 -2.18	61.24 0.97 -3.20	62.43 1.54 -3.83	59.16 1.41 -3.55	52.62 1.17 -2.79	47.77 1.07 -2.10	42.00 0.81 -0.58	38.78 1.05 -0.36
GREENIDGE___3 23582	40.93 0.78 -1.32	36.16 1.03 -0.89	34.78 0.99 -0.77	30.46 0.87 -0.43	31.95 0.85 -0.59	34.10 0.97 -0.71	35.83 1.05 -0.84	39.08 0.82 -1.15	39.25 0.67 -1.18	36.84 0.40 -0.53	36.95 0.57 -1.01	37.87 0.47 -1.11	38.81 0.23 -0.73	40.35 0.42 -1.32	40.77 0.28 -0.90	44.23 0.38 -1.66	50.19 0.43 -2.18	61.24 0.97 -3.20	62.43 1.54 -3.83	59.16 1.41 -3.55	52.62 1.17 -2.79	47.77 1.07 -2.10	42.00 0.81 -0.58	38.78 1.05 -0.36
GREENIDGE___4 23583	40.93 0.78 -1.32	36.16 1.03 -0.89	34.78 0.99 -0.77	30.46 0.87 -0.43	31.95 0.85 -0.59	34.10 0.97 -0.71	35.86 1.09 -0.84	39.08 0.82 -1.15	39.29 0.71 -1.18	36.84 0.40 -0.53	36.91 0.53 -1.01	37.86 0.47 -1.11	39.11 0.53 -0.73	40.54 0.62 -1.32	40.81 0.32 -0.90	44.32 0.47 -1.66	50.66 0.90 -2.18	61.52 1.25 -3.20	62.37 1.48 -3.83	59.32 1.57 -3.55	52.62 1.17 -2.79	47.82 1.12 -2.10	42.08 0.89 -0.58	38.82 1.08 -0.36
GREENLWN_69_KV_BK 3 55738	41.38 1.67 -0.88	36.16 1.40 -0.50	34.30 0.86 -0.42	29.93 0.67 -0.11	31.18 0.43 -0.24	33.07 0.32 -0.32	34.84 0.54 -0.36	38.31 0.71 -0.49	39.67 1.01 -1.25	38.97 1.26 -1.80	38.19 1.66 -1.16	39.58 1.89 -1.41	40.99 1.78 -1.36	41.28 1.51 -1.17	41.90 1.46 -0.84	44.06 0.89 -0.98	49.86 1.05 -1.24	58.04 0.51 -0.46	57.53 0.06 -0.41	54.57 -0.22 -0.59	49.25 -0.19 -0.77	45.46 -0.13 -0.99	42.01 0.85 -0.55	38.68 1.31 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00
GRISSOM___SOLAR 323813	40.30 1.94 0.47	35.73 1.75 0.27	34.48 1.68 0.23	30.55 1.46 0.06	31.93 1.56 0.13	33.94 1.69 0.17	35.51 1.76 0.19	38.66 1.82 0.27	37.85 1.12 0.68	35.37 0.43 0.97	34.67 -0.07 0.63	35.38 -0.14 0.76	36.96 -0.15 0.73	37.98 0.00 0.63	39.38 0.24 0.45	42.34 0.67 0.53	48.33 1.43 0.67	59.44 2.63 0.25	59.97 3.14 0.22	56.87 2.98 0.32	51.02 2.77 0.42	46.69 2.63 0.54	42.67 2.35 0.30	39.42 2.05 0.00
GROVEVILLE___HYD 323602	41.11 1.59 -0.69	36.08 1.44 -0.39	34.58 1.22 -0.33	30.29 1.05 -0.09	31.74 1.04 -0.19	33.68 1.01 -0.25	35.31 1.09 -0.28	38.72 1.22 -0.39	39.70 1.31 -0.98	38.69 1.36 -1.41	37.66 1.38 -0.91	38.98 1.60 -1.10	40.58 1.67 -1.06	41.18 1.66 -0.91	42.07 1.82 -0.65	44.74 1.77 -0.77	50.59 2.05 -0.97	59.48 2.05 -0.36	59.38 2.00 -0.33	56.51 1.84 -0.46	51.03 1.75 -0.61	47.04 1.65 -0.79	42.83 1.79 -0.43	38.94 1.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.07 0.07 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 -0.07 -3.14	40.19 -0.04 -2.38	41.10 0.04 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.58 0.10 -4.91	63.81 0.23 -6.52	65.23 0.40 -7.77	61.89 0.38 -7.30	55.07 0.29 -6.11	49.91 0.31 -4.99	43.05 0.16 -2.27	39.53 0.19 -1.98
HAMLTNNY_34_KV_TB 80303	42.64 0.12 -3.69	37.09 0.14 -2.71	36.00 0.13 -2.85	31.19 0.12 -1.92	32.80 0.09 -2.20	35.30 0.13 -2.75	37.04 0.14 -2.96	40.56 0.04 -3.41	40.82 -0.04 -3.45	37.80 -0.11 -2.00	38.26 -0.04 -2.93	39.35 -0.04 -3.10	40.17 0.00 -2.32	41.24 0.08 -2.55	42.28 0.04 -2.65	45.68 0.04 -3.44	52.64 0.10 -4.97	64.04 0.29 -6.69	65.49 0.46 -7.97	62.12 0.43 -7.48	55.22 0.34 -6.21	49.99 0.36 -5.03	43.00 0.20 -2.19	39.46 0.22 -1.86

HAMPSHIRE___PAPER_HYD 323593	75.52 0.78 -35.91	65.72 0.68 -30.78	75.66 0.86 -41.78	62.89 0.70 -33.04	63.78 0.82 -32.44	75.58 0.91 -42.25	76.22 0.95 -41.33	74.99 1.08 -36.80	75.04 1.01 -36.62	66.32 0.79 -29.62	66.10 0.56 -30.17	66.63 0.55 -29.81	66.29 0.49 -27.95	40.36 0.43 -1.33	68.01 0.36 -28.06	51.50 0.51 -8.79	73.06 0.62 -24.87	76.07 0.80 -18.21	79.29 1.08 -21.14	77.74 1.14 -22.40	77.11 0.97 -27.47	76.87 1.03 -31.24	74.29 0.89 -32.79	73.35 0.63 -35.34
HARDSCRABBLE_WT_PWR 323673	39.60 -0.46 -1.23	34.90 -0.41 -1.06	34.10 -0.36 -1.44	29.95 -0.35 -1.14	31.32 -0.31 -1.12	33.56 -0.32 -1.46	35.06 -0.31 -1.43	38.04 -0.33 -1.26	38.25 -0.41 -1.25	36.47 -0.47 -1.02	35.91 -0.50 -1.03	36.83 -0.47 -1.02	38.24 -0.57 -0.96	38.05 -0.58 -0.02	39.96 -0.59 -0.96	41.84 -0.63 -0.27	47.73 -0.67 -0.82	57.07 -0.57 -0.57	57.15 -0.57 -0.66	54.37 -0.54 -0.71	49.04 -0.53 -0.90	45.25 -0.40 -1.05	41.34 -0.41 -1.13	38.15 -0.45 -1.23
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.10 1.48 -0.79	36.07 1.37 -0.45	34.53 1.12 -0.38	30.18 0.93 -0.10	31.67 0.95 -0.22	33.62 0.91 -0.29	35.21 0.95 -0.32	38.67 1.11 -0.44	39.77 1.23 -1.13	38.79 1.26 -1.62	37.76 1.34 -1.05	39.11 1.56 -1.27	40.69 1.63 -1.22	41.20 1.54 -1.05	42.08 1.74 -0.75	44.73 1.65 -0.88	50.55 1.86 -1.12	59.31 1.83 -0.42	59.26 1.83 -0.37	56.41 1.68 -0.53	50.98 1.61 -0.70	47.02 1.52 -0.90	42.77 1.67 -0.49	38.83 1.46 0.00
HARSNRAD_115KV_TB1 81005	40.48 0.70 -0.95	35.65 0.75 -0.64	34.34 0.76 -0.56	30.25 0.79 -0.31	31.52 0.58 -0.43	33.55 0.62 -0.51	35.09 0.54 -0.60	37.68 -0.26 -0.83	38.07 -0.19 -0.85	35.97 -0.32 -0.39	36.39 0.28 -0.73	37.09 0.00 -0.80	38.26 -0.11 -0.53	39.95 0.39 -0.96	40.09 -0.16 -0.65	43.06 -0.34 -1.20	47.77 -1.38 -1.58	57.90 -1.48 -2.32	58.97 -0.86 -2.77	55.58 -1.19 -2.57	50.00 -0.68 -2.02	45.99 -0.13 -1.52	40.95 -0.08 -0.42	38.60 0.97 -0.26
HARZA MOOSE___RIVER 24016	50.12 0.74 -10.55	43.89 0.69 -8.95	45.90 0.89 -11.98	39.29 0.73 -9.41	40.64 0.82 -9.30	45.39 0.88 -12.09	46.77 0.95 -11.88	48.89 1.04 -10.74	49.00 0.90 -10.70	45.01 0.61 -8.49	44.55 0.35 -8.83	45.37 0.33 -8.76	46.17 0.23 -8.10	39.67 0.19 -0.87	47.91 0.12 -8.20	45.62 0.34 -3.09	55.98 0.62 -7.79	64.40 1.03 -6.31	65.69 1.26 -7.37	63.17 1.36 -7.61	58.63 1.22 -8.75	55.21 1.07 -9.54	50.78 0.77 -9.39	47.96 0.56 -10.03
HDSNBRDG_115KV_BRDG_TB1 355580	41.84 -0.16 -3.16	36.55 -0.10 -2.40	35.61 -0.13 -2.72	30.96 -0.12 -1.93	32.49 -0.12 -2.10	34.95 -0.13 -2.66	36.58 -0.14 -2.78	39.84 -0.26 -2.99	40.12 -0.30 -3.01	37.46 -0.36 -1.91	37.62 -0.28 -2.54	38.64 -0.29 -2.65	39.67 -0.26 -2.09	40.13 -0.19 -1.72	41.66 -0.24 -2.31	44.39 -0.25 -2.45	51.07 -0.29 -3.78	61.62 -0.23 -4.79	62.70 -0.06 -5.69	59.55 -0.05 -5.40	53.23 -0.10 -4.66	48.50 -0.04 -3.95	42.59 -0.12 -2.10	39.27 -0.04 -1.94
HELLGATE_13_KV_LD 55870	41.77 2.06 -0.88	36.57 1.82 -0.50	34.93 1.49 -0.42	30.55 1.28 -0.11	32.07 1.31 -0.24	33.94 1.20 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.27 1.61 -1.25	39.50 1.80 -1.80	38.40 1.87 -1.16	39.90 2.21 -1.41	41.47 2.27 -1.36	41.89 2.12 -1.16	42.84 2.42 -0.83	45.41 2.24 -0.98	50.91 2.09 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.30 1.69 -1.00	43.15 1.99 -0.55	39.32 1.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.77 2.06 -0.88	36.57 1.82 -0.50	34.93 1.49 -0.42	30.55 1.28 -0.11	32.07 1.31 -0.24	33.94 1.20 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.27 1.61 -1.25	39.50 1.80 -1.80	38.40 1.87 -1.16	39.90 2.21 -1.41	41.47 2.27 -1.36	41.89 2.12 -1.16	42.84 2.42 -0.83	45.41 2.24 -0.98	50.91 2.09 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.30 1.69 -1.00	43.15 1.99 -0.55	39.32 1.94 0.00
HEMPSTEAD____ 23647	41.46 1.75 -0.88	36.26 1.51 -0.50	34.43 0.99 -0.42	30.08 0.82 -0.11	31.36 0.61 -0.24	33.26 0.52 -0.32	35.01 0.71 -0.36	38.49 0.89 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.26 1.73 -1.16	39.44 1.74 -1.42	40.73 1.52 -1.37	41.36 1.58 -1.17	42.42 1.98 -0.85	44.57 1.39 -0.98	49.91 1.10 -1.24	58.61 1.08 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.98 0.54 -0.78	46.27 0.67 -1.00	42.05 0.89 -0.55	38.71 1.34 0.00
HICKLING___1 23621	41.12 1.05 -1.23	36.25 1.16 -0.83	34.90 1.16 -0.72	30.55 0.99 -0.41	32.04 0.98 -0.55	34.16 1.07 -0.66	35.84 1.12 -0.78	38.93 0.74 -1.08	39.18 0.67 -1.10	36.80 0.40 -0.50	36.96 0.64 -0.95	37.90 0.58 -1.04	39.10 0.57 -0.69	40.61 0.77 -1.24	40.99 0.55 -0.85	44.34 0.59 -1.55	50.10 0.48 -2.04	61.09 1.03 -3.00	62.25 1.60 -3.59	58.88 1.36 -3.32	52.60 1.31 -2.61	47.86 1.29 -1.97	42.21 1.06 -0.54	39.13 1.42 -0.34
HICKLING___2 23622	41.12 1.05 -1.23	36.25 1.16 -0.83	34.90 1.16 -0.72	30.55 0.99 -0.41	32.04 0.98 -0.55	34.16 1.07 -0.66	35.84 1.12 -0.78	38.93 0.74 -1.08	39.18 0.67 -1.10	36.80 0.40 -0.50	36.96 0.64 -0.95	37.90 0.58 -1.04	39.10 0.57 -0.69	40.61 0.77 -1.24	40.99 0.55 -0.85	44.34 0.59 -1.55	50.10 0.48 -2.04	61.09 1.03 -3.00	62.25 1.60 -3.59	58.88 1.36 -3.32	52.60 1.31 -2.61	47.86 1.29 -1.97	42.21 1.06 -0.54	39.13 1.42 -0.34
HIGH FALLS___HY 23754	41.11 1.79 -0.49	36.14 1.61 -0.28	34.65 1.39 -0.24	30.38 1.17 -0.06	31.83 1.19 -0.14	33.77 1.17 -0.18	35.36 1.22 -0.20	38.76 1.37 -0.28	39.53 1.42 -0.71	38.36 1.44 -1.01	37.51 1.49 -0.65	38.85 1.78 -0.79	40.42 1.82 -0.76	41.07 1.81 -0.65	42.08 2.02 -0.47	44.77 2.03 -0.55	50.70 2.43 -0.70	59.89 2.57 -0.26	59.86 2.57 -0.23	56.97 2.44 -0.33	51.35 2.24 -0.44	47.26 2.10 -0.56	43.11 2.19 -0.31	39.31 1.94 0.00
HIGH_RIVER___SOLAR 323847	39.46 1.13 0.50	34.96 0.99 0.29	33.74 0.96 0.24	29.93 0.85 0.06	31.26 0.89 0.14	33.18 0.94 0.18	34.68 0.95 0.21	37.83 1.00 0.28	37.25 0.56 0.72	35.02 0.14 1.03	34.49 -0.21 0.67	35.30 -0.18 0.81	36.88 -0.19 0.78	37.82 -0.12 0.67	39.23 0.12 0.48	41.97 0.34 0.56	47.62 0.76 0.71	58.23 1.43 0.26	58.48 1.66 0.24	55.44 1.57 0.34	49.73 1.51 0.45	45.50 1.47 0.57	41.60 1.30 0.31	38.53 1.16 0.00
HILLBURN___GT 23639	41.12 1.48 -0.81	36.05 1.33 -0.46	34.50 1.09 -0.39	30.16 0.90 -0.10	31.62 0.89 -0.22	33.56 0.84 -0.29	35.19 0.92 -0.33	38.68 1.11 -0.45	39.79 1.23 -1.16	38.90 1.33 -1.66	37.86 1.42 -1.07	39.18 1.59 -1.30	40.61 1.52 -1.25	41.14 1.47 -1.07	42.14 1.78 -0.77	44.71 1.60 -0.91	50.20 1.48 -1.14	59.32 1.83 -0.43	58.99 1.54 -0.38	56.15 1.41 -0.54	50.75 1.36 -0.72	46.91 1.38 -0.93	42.58 1.46 -0.51	38.79 1.42 0.00
HILLSIDE_115KV_TB1 80332	40.61 0.54 -1.24	35.80 0.72 -0.83	34.47 0.73 -0.72	30.14 0.58 -0.41	31.61 0.55 -0.55	33.74 0.65 -0.66	35.40 0.68 -0.79	38.49 0.30 -1.08	38.77 0.26 -1.11	36.45 0.04 -0.50	36.61 0.28 -0.95	37.55 0.22 -1.04	38.69 0.15 -0.69	40.15 0.31 -1.24	40.56 0.12 -0.85	43.84 0.08 -1.56	49.53 -0.10 -2.05	60.36 0.29 -3.01	61.40 0.74 -3.60	58.14 0.60 -3.33	51.92 0.63 -2.62	47.24 0.67 -1.97	41.68 0.53 -0.54	38.61 0.90 -0.34

HISHELDN_WT_PWR 323625	40.80 0.93 -1.03	35.94 0.99 -0.70	34.62 0.99 -0.60	30.42 0.93 -0.34	31.80 0.82 -0.46	33.89 0.91 -0.55	35.54 0.95 -0.66	38.16 0.15 -0.90	38.48 0.15 -0.92	36.19 -0.14 -0.42	36.48 0.32 -0.80	37.30 0.15 -0.87	39.18 0.76 -0.58	40.53 0.89 -1.04	40.38 0.08 -0.71	43.54 0.04 -1.30	49.53 0.24 -1.71	59.35 -0.23 -2.51	60.01 -0.06 -3.00	57.15 0.16 -2.78	51.05 0.20 -2.19	46.70 0.45 -1.65	41.63 0.57 -0.45	39.00 1.34 -0.28
HOLTSVILLE_IC_1 23690	41.57 1.86 -0.88	36.29 1.54 -0.50	34.37 0.92 -0.42	29.99 0.73 -0.11	31.18 0.43 -0.24	33.07 0.32 -0.32	34.84 0.54 -0.36	38.38 0.78 -0.49	39.70 1.05 -1.25	39.00 1.29 -1.80	38.30 1.77 -1.16	39.26 1.56 -1.41	40.50 1.29 -1.36	41.24 1.47 -1.17	42.41 1.98 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.64 0.20 -0.77	45.82 0.22 -0.99	41.77 0.61 -0.55	38.71 1.34 0.00
HOLTSVILLE_IC_10 23699	41.77 2.06 -0.88	36.43 1.68 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.47 1.94 -1.16	39.44 1.74 -1.41	40.68 1.47 -1.36	41.43 1.66 -1.17	42.61 2.18 -0.84	44.61 1.44 -0.98	50.10 1.29 -1.24	58.73 1.20 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.77	46.04 0.45 -0.99	41.97 0.81 -0.55	38.90 1.53 0.00
HOLTSVILLE_IC_2 23691	41.57 1.86 -0.88	36.29 1.54 -0.50	34.37 0.92 -0.42	29.99 0.73 -0.11	31.18 0.43 -0.24	33.07 0.32 -0.32	34.84 0.54 -0.36	38.38 0.78 -0.49	39.70 1.05 -1.25	39.00 1.29 -1.80	38.30 1.77 -1.16	39.26 1.56 -1.41	40.50 1.29 -1.36	41.24 1.47 -1.17	42.41 1.98 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.64 0.20 -0.77	45.82 0.22 -0.99	41.77 0.61 -0.55	38.71 1.34 0.00
HOLTSVILLE_IC_3 23692	41.57 1.86 -0.88	36.29 1.54 -0.50	34.37 0.92 -0.42	29.99 0.73 -0.11	31.18 0.43 -0.24	33.07 0.32 -0.32	34.84 0.54 -0.36	38.38 0.78 -0.49	39.70 1.05 -1.25	39.00 1.29 -1.80	38.30 1.77 -1.16	39.26 1.56 -1.41	40.50 1.29 -1.36	41.24 1.47 -1.17	42.41 1.98 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.64 0.20 -0.77	45.82 0.22 -0.99	41.77 0.61 -0.55	38.71 1.34 0.00
HOLTSVILLE_IC_4 23693	41.57 1.86 -0.88	36.29 1.54 -0.50	34.37 0.92 -0.42	29.99 0.73 -0.11	31.18 0.43 -0.24	33.07 0.32 -0.32	34.84 0.54 -0.36	38.38 0.78 -0.49	39.70 1.05 -1.25	39.00 1.29 -1.80	38.30 1.77 -1.16	39.26 1.56 -1.41	40.50 1.29 -1.36	41.24 1.47 -1.17	42.41 1.98 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.64 0.20 -0.77	45.82 0.22 -0.99	41.77 0.61 -0.55	38.71 1.34 0.00
HOLTSVILLE_IC_5 23694	41.57 1.86 -0.88	36.29 1.54 -0.50	34.37 0.92 -0.42	29.99 0.73 -0.11	31.18 0.43 -0.24	33.07 0.32 -0.32	34.84 0.54 -0.36	38.38 0.78 -0.49	39.70 1.05 -1.25	39.00 1.29 -1.80	38.30 1.77 -1.16	39.26 1.56 -1.41	40.50 1.29 -1.36	41.24 1.47 -1.17	42.41 1.98 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.64 0.20 -0.77	45.82 0.22 -0.99	41.77 0.61 -0.55	38.71 1.34 0.00
HOLTSVILLE_IC_6 23695	41.77 2.06 -0.88	36.43 1.68 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.47 1.94 -1.16	39.44 1.74 -1.41	40.68 1.47 -1.36	41.43 1.66 -1.17	42.61 2.18 -0.84	44.61 1.44 -0.98	50.10 1.29 -1.24	58.73 1.20 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.77	46.04 0.45 -0.99	41.97 0.81 -0.55	38.90 1.53 0.00
HOLTSVILLE_IC_7 23696	41.77 2.06 -0.88	36.43 1.68 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.47 1.94 -1.16	39.44 1.74 -1.41	40.68 1.47 -1.36	41.43 1.66 -1.17	42.61 2.18 -0.84	44.61 1.44 -0.98	50.10 1.29 -1.24	58.73 1.20 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.77	46.04 0.45 -0.99	41.97 0.81 -0.55	38.90 1.53 0.00
HOLTSVILLE_IC_8 23697	41.77 2.06 -0.88	36.43 1.68 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.47 1.94 -1.16	39.44 1.74 -1.41	40.68 1.47 -1.36	41.43 1.66 -1.17	42.61 2.18 -0.84	44.61 1.44 -0.98	50.10 1.29 -1.24	58.73 1.20 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.77	46.04 0.45 -0.99	41.97 0.81 -0.55	38.90 1.53 0.00
HOLTSVILLE_IC_9 23698	41.77 2.06 -0.88	36.43 1.68 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	34.98 0.68 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.47 1.94 -1.16	39.44 1.74 -1.41	40.68 1.47 -1.36	41.43 1.66 -1.17	42.61 2.18 -0.84	44.61 1.44 -0.98	50.10 1.29 -1.24	58.73 1.20 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.77	46.04 0.45 -0.99	41.97 0.81 -0.55	38.90 1.53 0.00
HOMER_HL_115KV_TB2 355744	40.44 0.58 -1.02	35.90 0.96 -0.69	34.61 0.99 -0.60	30.27 0.79 -0.34	31.64 0.67 -0.46	33.75 0.78 -0.55	35.54 0.95 -0.65	38.08 0.07 -0.90	38.47 0.15 -0.92	36.18 -0.14 -0.41	36.55 0.39 -0.79	37.40 0.25 -0.86	38.53 0.11 -0.57	39.98 0.35 -1.03	40.13 -0.16 -0.70	43.19 -0.30 -1.29	48.32 -0.95 -1.70	59.04 -0.51 -2.49	60.38 0.34 -2.98	56.96 0.00 -2.76	51.03 0.19 -2.17	46.55 0.31 -1.63	41.31 0.24 -0.45	38.88 1.23 -0.28
HOWARD_WT_PWR 323690	41.60 1.59 -1.17	36.65 1.61 -0.79	35.26 1.55 -0.68	30.94 1.40 -0.39	32.41 1.37 -0.53	34.58 1.52 -0.63	36.35 1.66 -0.74	39.29 1.15 -1.03	39.46 1.01 -1.05	36.96 0.57 -0.47	37.09 0.81 -0.90	37.93 0.65 -0.99	39.63 1.13 -0.65	41.02 1.24 -1.18	41.07 0.67 -0.80	44.47 0.80 -1.48	50.85 1.33 -1.94	61.58 1.66 -2.85	62.41 1.94 -3.41	59.31 1.95 -3.16	52.76 1.60 -2.49	48.03 1.56 -1.87	42.55 1.42 -0.51	39.52 1.83 -0.32
HQ_GEN_CEDARS 23644	111.65 0.54 -72.27	96.97 0.48 -62.24	118.48 0.46 -84.99	96.97 0.41 -67.41	96.97 0.46 -66.00	119.00 0.55 -86.03	118.50 0.58 -83.98	112.11 0.71 -74.30	112.05 0.75 -73.90	96.97 0.79 -60.27	96.97 0.78 -60.82	96.97 0.73 -59.96	95.23 0.79 -56.59	40.48 0.69 -1.18	96.97 0.75 -56.63	59.11 0.80 -16.11	96.97 0.86 -48.54	91.74 1.03 -33.64	96.97 0.97 -38.94	96.97 0.92 -41.84	102.57 0.73 -53.17	106.92 0.58 -61.73	107.86 0.53 -66.72	110.13 0.52 -72.24
HQ_GEN_CEDARS_PROXY 323590	111.65 0.54 -72.27	96.97 0.48 -62.24	118.48 0.46 -84.99	96.97 0.41 -67.41	96.97 0.46 -66.00	118.95 0.55 -85.97	118.55 0.58 -84.03	112.11 0.70 -74.30	112.05 0.75 -73.90	96.97 0.79 -60.27	96.97 0.78 -60.82	96.97 0.73 -59.96	95.24 0.80 -56.59	40.48 0.70 -1.18	96.97 0.75 -56.63	59.11 0.80 -16.11	96.97 0.86 -48.54	91.57 0.86 -33.64	96.97 0.97 -38.94	96.97 0.92 -41.84	102.57 0.73 -53.17	107.92 0.62 -62.69	106.99 0.61 -65.77	110.09 0.48 -72.24

HQ_GEN_IMPORT 323601	36.23 0.12 2.72	31.98 0.07 2.34	29.93 0.10 3.20	26.67 0.06 2.53	28.12 0.09 2.48	29.30 0.16 3.29	30.97 0.14 3.10	34.50 0.19 2.79	34.89 0.26 2.78	33.93 0.29 2.27	33.36 0.28 2.29	34.25 0.22 2.25	35.98 0.27 2.13	38.79 0.23 0.04	37.70 0.24 2.13	41.89 0.30 0.61	46.04 0.29 1.82	56.03 0.23 1.26	55.94 0.34 1.46	52.90 0.27 1.57	46.86 0.20 2.00	43.37 0.13 1.37	37.31 0.16 3.46	34.77 0.11 2.72
HQ_GEN_WHEEL 23651	36.23 0.12 2.72	31.98 0.07 2.34	29.93 0.10 3.20	26.67 0.06 2.53	28.12 0.09 2.48	29.30 0.16 3.29	30.97 0.14 3.10	34.50 0.19 2.79	34.89 0.26 2.78	33.93 0.29 2.27	33.36 0.28 2.29	34.25 0.22 2.25	35.98 0.27 2.13	38.79 0.23 0.04	37.70 0.24 2.13	41.89 0.30 0.61	46.04 0.29 1.82	56.03 0.23 1.26	55.94 0.34 1.46	52.90 0.27 1.57	46.86 0.20 2.00	43.37 0.13 1.37	37.31 0.16 3.46	34.77 0.11 2.72
HUDSON AVE_GT_3 23810	41.65 1.94 -0.88	36.43 1.68 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.81 1.07 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.27 1.61 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.79 2.10 -1.41	41.40 2.20 -1.36	41.81 2.05 -1.16	42.76 2.34 -0.83	45.33 2.15 -0.98	51.00 2.19 -1.24	59.64 2.11 -0.46	59.47 2.00 -0.41	56.53 1.73 -0.59	51.15 1.70 -0.78	47.30 1.69 -1.00	43.07 1.91 -0.55	39.13 1.76 0.00
HUDSON AVE_GT_4 23540	41.65 1.94 -0.88	36.43 1.68 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.81 1.07 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.27 1.61 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.79 2.10 -1.41	41.40 2.20 -1.36	41.81 2.05 -1.16	42.76 2.34 -0.83	45.33 2.15 -0.98	51.00 2.19 -1.24	59.64 2.11 -0.46	59.47 2.00 -0.41	56.53 1.73 -0.59	51.15 1.70 -0.78	47.30 1.69 -1.00	43.07 1.91 -0.55	39.13 1.76 0.00
HUDSON AVE_GT_5 23657	41.65 1.94 -0.88	36.43 1.68 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.81 1.07 -0.32	35.45 1.15 -0.36	39.01 1.41 -0.49	40.27 1.61 -1.25	39.43 1.72 -1.80	38.33 1.80 -1.16	39.79 2.10 -1.41	41.40 2.20 -1.36	41.81 2.05 -1.16	42.76 2.34 -0.83	45.33 2.15 -0.98	51.00 2.19 -1.24	59.64 2.11 -0.46	59.47 2.00 -0.41	56.53 1.73 -0.59	51.15 1.70 -0.78	47.30 1.69 -1.00	43.07 1.91 -0.55	39.13 1.76 0.00
HUDSON_AVE_10 24168	41.57 1.86 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.42 1.12 -0.36	38.97 1.37 -0.49	40.27 1.61 -1.25	39.43 1.72 -1.80	38.30 1.77 -1.16	39.76 2.07 -1.41	41.36 2.16 -1.36	41.77 2.01 -1.16	42.68 2.26 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.58 2.05 -0.46	59.42 1.94 -0.41	56.47 1.68 -0.59	51.10 1.65 -0.78	47.21 1.61 -1.00	43.03 1.87 -0.55	39.09 1.72 0.00
HUDSON___115KV_TB 4 355613	39.07 0.62 0.38	34.58 0.55 0.22	33.37 0.53 0.18	29.60 0.50 0.05	30.92 0.52 0.11	32.87 0.58 0.14	34.39 0.61 0.16	37.56 0.67 0.21	37.34 0.49 0.55	35.45 0.32 0.78	34.97 0.11 0.51	35.60 -0.07 0.61	37.14 -0.11 0.59	37.98 -0.12 0.51	39.27 0.04 0.36	41.90 0.13 0.43	47.42 0.38 0.54	57.44 0.57 0.20	57.51 0.63 0.18	54.60 0.65 0.25	48.91 0.58 0.34	44.70 0.54 0.44	40.90 0.53 0.24	37.52 0.15 0.00
HUNTER MOUNT___DRP 323613	39.51 0.89 0.22	34.91 0.79 0.13	33.68 0.76 0.11	29.82 0.70 0.03	31.18 0.73 0.06	33.19 0.84 0.08	34.70 0.85 0.09	37.91 0.93 0.12	37.76 0.67 0.32	35.92 0.47 0.45	35.29 0.21 0.29	35.86 -0.07 0.35	37.39 -0.11 0.34	38.27 -0.04 0.29	39.50 0.12 0.21	42.20 0.25 0.25	47.88 0.62 0.31	57.86 0.91 0.12	57.98 1.03 0.10	55.14 1.08 0.15	49.39 0.92 0.20	45.15 0.80 0.25	41.17 0.69 0.14	37.52 0.15 0.00
HUNTINGTON_RES_REC 323705	41.57 1.86 -0.88	36.29 1.54 -0.50	34.37 0.92 -0.42	29.99 0.73 -0.11	31.21 0.46 -0.24	33.10 0.36 -0.32	34.87 0.58 -0.36	38.38 0.78 -0.49	39.74 1.09 -1.25	39.04 1.33 -1.80	38.33 1.80 -1.16	39.37 1.67 -1.41	40.50 1.29 -1.36	41.13 1.35 -1.17	42.22 1.78 -0.84	44.15 0.97 -0.98	49.57 0.76 -1.24	58.16 0.63 -0.46	57.59 0.11 -0.41	54.74 -0.05 -0.59	49.44 0.00 -0.77	45.64 0.04 -0.99	41.57 0.41 -0.55	38.75 1.38 0.00
HUNTLEY___63 23557	40.92 1.13 -0.96	36.03 1.13 -0.64	34.71 1.12 -0.56	30.60 1.14 -0.32	31.85 0.92 -0.43	33.91 0.97 -0.51	35.36 0.81 -0.61	37.87 -0.07 -0.84	38.26 0.00 -0.86	36.15 -0.14 -0.39	36.57 0.46 -0.74	37.31 0.22 -0.81	38.49 0.11 -0.53	40.18 0.62 -0.96	40.33 0.08 -0.66	43.32 -0.08 -1.21	48.07 -1.09 -1.59	58.26 -1.14 -2.33	59.33 -0.51 -2.79	55.92 -0.87 -2.58	50.31 -0.39 -2.03	46.18 0.04 -1.53	41.11 0.08 -0.42	39.05 1.42 -0.26
HUNTLEY___64 23558	40.92 1.13 -0.96	36.03 1.13 -0.64	34.71 1.12 -0.56	30.60 1.14 -0.32	31.85 0.92 -0.43	33.91 0.97 -0.51	35.36 0.81 -0.61	37.87 -0.07 -0.84	38.26 0.00 -0.86	36.15 -0.14 -0.39	36.57 0.46 -0.74	37.31 0.22 -0.81	38.49 0.11 -0.53	40.18 0.62 -0.96	40.33 0.08 -0.66	43.32 -0.08 -1.21	48.07 -1.09 -1.59	58.26 -1.14 -2.33	59.33 -0.51 -2.79	55.92 -0.87 -2.58	50.31 -0.39 -2.03	46.18 0.04 -1.53	41.11 0.08 -0.42	39.05 1.42 -0.26
HUNTLEY___65 23559	40.92 1.13 -0.96	36.03 1.13 -0.64	34.71 1.12 -0.56	30.60 1.14 -0.32	31.85 0.92 -0.43	33.91 0.97 -0.51	35.36 0.81 -0.61	37.87 -0.07 -0.84	38.26 0.00 -0.86	36.15 -0.14 -0.39	36.57 0.46 -0.74	37.31 0.22 -0.81	38.49 0.11 -0.53	40.18 0.62 -0.96	40.33 0.08 -0.66	43.32 -0.08 -1.21	48.07 -1.09 -1.59	58.26 -1.14 -2.33	59.33 -0.51 -2.79	55.92 -0.87 -2.58	50.31 -0.39 -2.03	46.18 0.04 -1.53	41.11 0.08 -0.42	39.05 1.42 -0.26
HUNTLEY___66 23560	40.92 1.13 -0.96	36.03 1.13 -0.64	34.71 1.12 -0.56	30.60 1.14 -0.32	31.85 0.92 -0.43	33.91 0.97 -0.51	35.36 0.81 -0.61	37.87 -0.07 -0.84	38.26 0.00 -0.86	36.15 -0.14 -0.39	36.57 0.46 -0.74	37.31 0.22 -0.81	38.49 0.11 -0.53	40.18 0.62 -0.96	40.33 0.08 -0.66	43.32 -0.08 -1.21	48.07 -1.09 -1.59	58.26 -1.14 -2.33	59.33 -0.51 -2.79	55.92 -0.87 -2.58	50.31 -0.39 -2.03	46.18 0.04 -1.53	41.11 0.08 -0.42	39.05 1.42 -0.26
HUNTLEY___67 23561	40.57 0.78 -0.96	35.75 0.86 -0.64	34.47 0.89 -0.56	30.34 0.87 -0.32	31.61 0.67 -0.43	33.65 0.71 -0.51	35.22 0.68 -0.61	37.80 -0.15 -0.84	38.22 -0.04 -0.86	36.08 -0.22 -0.39	36.50 0.39 -0.74	37.24 0.15 -0.81	38.38 0.00 -0.53	40.11 0.54 -0.96	40.21 -0.04 -0.66	43.19 -0.21 -1.21	47.93 -1.24 -1.59	58.08 -1.31 -2.33	59.16 -0.68 -2.78	55.81 -0.98 -2.58	50.21 -0.49 -2.03	46.08 -0.04 -1.53	41.03 0.00 -0.42	38.72 1.08 -0.26
HUNTLEY___68 23562	40.57 0.78 -0.96	35.75 0.86 -0.64	34.47 0.89 -0.56	30.34 0.87 -0.32	31.61 0.67 -0.43	33.65 0.71 -0.51	35.22 0.68 -0.61	37.80 -0.15 -0.84	38.22 -0.04 -0.86	36.08 -0.22 -0.39	36.50 0.39 -0.74	37.24 0.15 -0.81	38.38 0.00 -0.53	40.11 0.54 -0.96	40.21 -0.04 -0.66	43.19 -0.21 -1.21	47.93 -1.24 -1.59	58.08 -1.31 -2.33	59.16 -0.68 -2.78	55.81 -0.98 -2.58	50.21 -0.49 -2.03	46.08 -0.04 -1.53	41.03 0.00 -0.42	38.72 1.08 -0.26

HYLAND___LFGE 323620	42.61 2.72 -1.05	37.43 2.47 -0.71	35.98 2.34 -0.62	31.60 2.10 -0.35	33.06 2.08 -0.47	35.16 2.17 -0.57	37.19 2.58 -0.67	40.37 2.34 -0.92	40.14 1.80 -0.94	37.38 1.04 -0.43	37.21 1.03 -0.81	37.90 0.73 -0.89	39.72 1.29 -0.59	41.05 1.39 -1.06	41.30 0.99 -0.72	44.96 1.44 -1.33	51.75 2.43 -1.75	63.23 3.60 -2.57	64.41 4.28 -3.07	61.60 4.55 -2.84	54.65 3.75 -2.24	49.72 3.43 -1.68	44.04 2.96 -0.46	40.68 3.03 -0.29
INDECK___CORINTH 23802	38.43 0.31 0.72	34.26 0.41 0.41	33.08 0.40 0.34	29.41 0.35 0.09	30.71 0.40 0.20	32.49 0.32 0.26	33.98 0.34 0.29	37.04 0.33 0.40	36.45 0.07 1.02	34.44 0.00 1.47	34.10 -0.32 0.95	34.81 -0.33 1.15	36.29 -0.45 1.11	37.35 -0.31 0.95	38.79 -0.12 0.68	41.27 -0.13 0.80	46.75 0.19 1.01	57.32 0.63 0.38	57.46 0.74 0.34	54.43 0.70 0.48	48.71 0.68 0.64	44.59 0.80 0.82	40.81 0.65 0.45	37.85 0.48 0.00
INDECK___ILION 23567	40.22 0.16 -1.23	35.45 0.14 -1.06	34.60 0.13 -1.44	30.41 0.12 -1.14	31.75 0.12 -1.12	33.98 0.10 -1.46	35.47 0.10 -1.43	38.48 0.11 -1.26	38.77 0.11 -1.25	37.01 0.07 -1.02	36.47 0.07 -1.03	37.37 0.07 -1.02	38.88 0.08 -0.96	38.66 0.04 -0.02	40.63 0.08 -0.96	42.55 0.08 -0.27	48.54 0.14 -0.82	57.81 0.17 -0.57	57.89 0.17 -0.66	55.13 0.22 -0.71	49.76 0.19 -0.90	45.83 0.18 -1.05	41.91 0.16 -1.13	38.71 0.11 -1.23
INDECK___OLEAN 23982	40.44 0.58 -1.02	35.90 0.96 -0.69	34.61 0.99 -0.60	30.27 0.79 -0.34	31.64 0.67 -0.46	33.75 0.78 -0.55	35.57 0.98 -0.65	38.08 0.07 -0.90	38.51 0.19 -0.92	36.18 -0.14 -0.41	36.51 0.35 -0.79	37.37 0.22 -0.86	39.21 0.80 -0.57	40.36 0.73 -1.03	40.17 -0.12 -0.70	43.36 -0.13 -1.29	49.32 0.05 -1.70	59.61 0.06 -2.49	60.21 0.17 -2.98	57.29 0.33 -2.76	51.03 0.20 -2.17	46.59 0.36 -1.63	41.51 0.45 -0.45	38.99 1.34 -0.28
INDECK___OSWEGO 23783	45.21 -0.54 -6.92	38.85 -0.48 -5.08	37.93 -0.46 -5.37	32.38 -0.41 -3.64	34.23 -0.43 -4.15	37.16 -0.45 -5.19	39.05 -0.48 -5.58	42.92 -0.60 -6.41	43.25 -0.64 -6.48	38.99 -0.68 -3.77	40.19 -0.67 -5.49	41.40 -0.69 -5.81	41.57 -0.64 -4.37	42.71 -0.62 -4.72	43.85 -0.71 -4.97	47.86 -0.72 -6.38	56.17 -0.67 -9.26	68.68 -0.80 -12.41	71.11 -0.74 -14.79	67.50 -0.60 -13.89	59.64 -0.58 -11.56	53.49 -0.49 -9.38	44.21 -0.53 -4.13	40.46 -0.45 -3.53
INDECK___YERKES 23781	40.96 1.16 -0.96	36.06 1.17 -0.64	34.74 1.16 -0.56	30.60 1.14 -0.32	31.89 0.95 -0.43	33.95 1.01 -0.51	35.46 0.92 -0.61	37.91 -0.04 -0.84	38.34 0.07 -0.86	36.16 -0.14 -0.39	36.53 0.43 -0.74	37.35 0.26 -0.81	39.36 0.98 -0.53	40.72 1.16 -0.96	40.45 0.20 -0.66	43.49 0.08 -1.21	49.40 0.24 -1.59	58.77 -0.63 -2.33	59.28 -0.57 -2.79	56.46 -0.32 -2.58	50.46 -0.24 -2.03	46.22 0.09 -1.53	41.40 0.36 -0.42	39.17 1.53 -0.26
INDIAN POINT_GT_1 24139	41.14 1.44 -0.87	36.05 1.30 -0.49	34.46 1.02 -0.42	30.13 0.87 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.31	35.17 0.88 -0.35	38.67 1.08 -0.49	39.84 1.20 -1.24	38.98 1.29 -1.77	37.89 1.38 -1.15	39.30 1.63 -1.39	40.85 1.67 -1.34	41.30 1.54 -1.15	42.19 1.78 -0.82	44.77 1.60 -0.97	50.46 1.67 -1.22	59.12 1.60 -0.46	58.95 1.48 -0.41	56.14 1.36 -0.58	50.75 1.31 -0.77	46.88 1.29 -0.99	42.66 1.50 -0.54	38.71 1.35 0.00
INDIAN POINT_GT_2 23659	41.14 1.44 -0.87	36.05 1.30 -0.49	34.46 1.02 -0.42	30.13 0.87 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.31	35.17 0.88 -0.35	38.67 1.08 -0.49	39.84 1.20 -1.24	38.98 1.29 -1.77	37.89 1.38 -1.15	39.30 1.63 -1.39	40.85 1.67 -1.34	41.30 1.54 -1.15	42.19 1.78 -0.82	44.77 1.60 -0.97	50.46 1.67 -1.22	59.12 1.60 -0.46	58.95 1.48 -0.41	56.14 1.36 -0.58	50.75 1.31 -0.77	46.88 1.29 -0.99	42.66 1.50 -0.54	38.71 1.35 0.00
INDIAN POINT_GT_3 24019	41.14 1.44 -0.87	36.05 1.30 -0.49	34.46 1.02 -0.42	30.13 0.87 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.31	35.17 0.88 -0.35	38.67 1.08 -0.49	39.84 1.20 -1.24	38.98 1.29 -1.77	37.89 1.38 -1.15	39.30 1.63 -1.39	40.85 1.67 -1.34	41.30 1.54 -1.15	42.19 1.78 -0.82	44.77 1.60 -0.97	50.46 1.67 -1.22	59.12 1.60 -0.46	58.95 1.48 -0.41	56.14 1.36 -0.58	50.75 1.31 -0.77	46.88 1.29 -0.99	42.66 1.50 -0.54	38.71 1.35 0.00
INDIAN POINT___2 23530	41.12 1.44 -0.84	36.03 1.30 -0.48	34.45 1.02 -0.41	30.10 0.85 -0.11	31.59 0.85 -0.23	33.51 0.78 -0.31	35.13 0.85 -0.35	38.62 1.04 -0.47	39.77 1.16 -1.21	38.93 1.29 -1.73	37.86 1.38 -1.12	39.16 1.52 -1.35	40.59 1.44 -1.30	41.11 1.39 -1.12	42.09 1.70 -0.80	44.66 1.52 -0.94	50.10 1.33 -1.19	59.11 1.60 -0.44	58.83 1.37 -0.40	55.96 1.19 -0.56	50.59 1.17 -0.75	46.81 1.25 -0.96	42.48 1.34 -0.53	38.71 1.34 0.00
INDIAN POINT___3 23531	41.10 1.40 -0.87	36.01 1.27 -0.49	34.46 1.02 -0.42	30.08 0.82 -0.11	31.57 0.82 -0.24	33.48 0.75 -0.31	35.14 0.85 -0.35	38.63 1.04 -0.49	39.80 1.16 -1.24	38.94 1.26 -1.78	37.83 1.31 -1.15	39.23 1.56 -1.39	40.81 1.63 -1.34	41.26 1.51 -1.15	42.12 1.70 -0.82	44.68 1.52 -0.97	50.42 1.62 -1.23	59.06 1.54 -0.46	58.90 1.43 -0.41	56.08 1.30 -0.58	50.70 1.27 -0.77	46.88 1.29 -0.99	42.62 1.46 -0.54	38.68 1.31 0.00
INGHAM_C_115KV_TB7 356103	39.36 -0.70 -1.23	34.73 -0.58 -1.06	33.91 -0.56 -1.44	29.77 -0.52 -1.14	31.14 -0.49 -1.12	33.37 -0.52 -1.46	34.89 -0.48 -1.43	37.81 -0.56 -1.26	38.02 -0.64 -1.25	36.22 -0.72 -1.02	35.66 -0.74 -1.03	36.61 -0.69 -1.02	38.01 -0.79 -0.96	37.81 -0.81 -0.02	39.68 -0.87 -0.96	41.54 -0.93 -0.27	47.50 -0.90 -0.82	56.67 -0.97 -0.57	56.81 -0.91 -0.66	54.05 -0.87 -0.71	48.74 -0.83 -0.90	44.98 -0.67 -1.05	41.14 -0.61 -1.13	37.92 -0.67 -1.23
IP CORINTH___1 23988	38.66 0.54 0.72	34.46 0.62 0.41	33.27 0.59 0.34	29.55 0.50 0.09	30.89 0.58 0.20	32.68 0.52 0.26	34.19 0.54 0.29	37.26 0.56 0.40	36.68 0.30 1.02	34.62 0.18 1.47	34.31 -0.11 0.95	35.03 -0.11 1.15	36.62 -0.11 1.11	37.62 -0.04 0.95	39.03 0.12 0.68	41.56 0.17 0.80	47.18 0.62 1.01	57.60 0.91 0.38	57.81 1.08 0.34	54.76 1.03 0.48	49.00 0.97 0.64	44.90 1.12 0.82	41.14 0.97 0.45	38.08 0.71 0.00
IP___TICONDEROGA 23804	40.04 1.94 0.74	35.72 1.88 0.42	34.49 1.82 0.35	30.60 1.54 0.09	32.05 1.74 0.20	34.01 1.85 0.27	35.54 1.90 0.30	38.74 2.04 0.41	37.89 1.53 1.05	35.62 1.22 1.51	35.17 0.78 0.97	35.87 0.76 1.18	37.58 0.87 1.14	38.71 1.08 0.97	40.12 1.23 0.70	42.81 1.43 0.82	48.87 2.33 1.04	59.93 3.25 0.39	60.42 3.71 0.35	57.35 3.63 0.49	51.32 3.31 0.66	46.88 3.12 0.84	42.87 2.72 0.46	39.65 2.28 0.00
ISLIP_RES_REC 323679	41.96 2.25 -0.88	36.57 1.81 -0.50	34.63 1.19 -0.42	30.22 0.96 -0.11	31.39 0.64 -0.24	33.29 0.55 -0.32	35.11 0.81 -0.36	38.64 1.04 -0.49	40.00 1.34 -1.25	39.29 1.58 -1.80	38.62 2.09 -1.16	39.62 1.92 -1.41	40.87 1.66 -1.36	41.63 1.85 -1.17	42.85 2.42 -0.84	44.82 1.64 -0.98	50.38 1.57 -1.24	59.07 1.54 -0.46	58.45 0.97 -0.41	55.55 0.76 -0.59	50.17 0.73 -0.77	46.27 0.67 -0.99	42.13 0.97 -0.55	39.05 1.68 0.00

JAMAICA__27_KV_LOAD 355505	41.96 2.25 -0.88	36.70 1.95 -0.50	35.03 1.59 -0.42	30.60 1.34 -0.11	32.12 1.37 -0.24	34.07 1.33 -0.32	35.79 1.49 -0.36	39.42 1.82 -0.49	40.71 2.06 -1.25	39.86 2.15 -1.80	38.65 2.12 -1.16	40.12 2.43 -1.41	41.74 2.54 -1.36	42.20 2.43 -1.16	43.04 2.61 -0.83	45.67 2.49 -0.98	51.43 2.62 -1.24	60.21 2.68 -0.46	60.04 2.57 -0.41	57.07 2.28 -0.59	51.59 2.14 -0.78	47.65 2.05 -1.00	43.48 2.31 -0.55	39.50 2.13 0.00
JANIS__SOLAR 323808	42.13 1.90 -1.39	36.86 1.68 -0.94	35.45 1.62 -0.81	30.98 1.37 -0.46	32.60 1.46 -0.62	34.76 1.59 -0.75	36.52 1.70 -0.88	40.00 1.67 -1.22	40.03 1.38 -1.24	37.37 0.90 -0.56	37.22 0.78 -1.07	38.25 0.80 -1.17	39.49 0.87 -0.78	40.92 0.92 -1.39	41.29 0.75 -0.95	45.21 1.26 -1.75	51.88 2.00 -2.30	63.41 2.97 -3.38	64.41 3.31 -4.04	61.26 3.31 -3.75	54.48 2.87 -2.95	49.36 2.54 -2.22	43.33 2.11 -0.61	39.73 1.98 -0.38
JARVIS____ 23743	40.14 0.08 -1.23	35.38 0.07 -1.06	34.53 0.07 -1.44	30.35 0.06 -1.14	31.69 0.06 -1.12	33.92 0.03 -1.46	35.40 0.03 -1.43	38.41 0.04 -1.26	38.70 0.04 -1.25	36.93 0.00 -1.02	36.40 0.00 -1.03	37.30 0.00 -1.02	38.77 -0.04 -0.96	38.59 -0.04 -0.02	40.55 0.00 -0.96	42.47 0.00 -0.27	48.40 0.00 -0.82	57.69 0.06 -0.57	57.72 0.00 -0.66	54.92 0.00 -0.71	49.62 0.05 -0.90	45.69 0.04 -1.05	41.79 0.04 -1.13	38.63 0.04 -1.23
JENNISON____1 23625	41.94 2.06 -1.05	36.74 1.78 -0.71	35.39 1.75 -0.61	30.95 1.46 -0.35	32.57 1.59 -0.47	34.64 1.65 -0.57	36.37 1.76 -0.67	39.77 1.74 -0.92	39.95 1.61 -0.94	37.59 1.26 -0.43	37.42 1.24 -0.81	38.51 1.34 -0.89	39.68 1.25 -0.59	40.97 1.31 -1.06	41.54 1.23 -0.72	45.17 1.65 -1.32	51.36 2.05 -1.74	62.53 2.91 -2.56	63.37 3.25 -3.06	60.18 3.14 -2.83	53.82 2.92 -2.23	48.91 2.63 -1.68	43.27 2.19 -0.46	39.75 2.09 -0.29
JENNISON____2 23626	41.94 2.06 -1.05	36.74 1.78 -0.71	35.39 1.75 -0.61	30.95 1.46 -0.35	32.57 1.59 -0.47	34.64 1.65 -0.57	36.37 1.76 -0.67	39.77 1.74 -0.92	39.95 1.61 -0.94	37.59 1.26 -0.43	37.42 1.24 -0.81	38.51 1.34 -0.89	39.68 1.25 -0.59	40.97 1.31 -1.06	41.54 1.23 -0.72	45.17 1.65 -1.32	51.36 2.05 -1.74	62.53 2.91 -2.56	63.37 3.25 -3.06	60.18 3.14 -2.83	53.82 2.92 -2.23	48.91 2.63 -1.68	43.27 2.19 -0.46	39.75 2.09 -0.29
JERICOHO_RISE_WT_PWR 323719	47.25 0.66 -7.75	41.55 0.62 -6.68	42.74 0.60 -9.12	36.91 0.53 -7.23	38.20 0.61 -7.08	42.40 0.75 -9.23	43.73 0.78 -9.01	46.04 0.96 -7.97	46.38 1.05 -7.93	43.42 1.04 -6.47	42.88 0.99 -6.53	43.73 1.01 -6.43	44.90 0.98 -6.07	39.66 0.92 -0.13	46.62 0.95 -6.08	44.98 1.06 -1.73	53.68 0.90 -5.21	61.59 0.91 -3.61	62.21 0.97 -4.18	59.51 0.81 -4.49	55.10 0.73 -5.70	51.76 0.54 -6.62	48.54 0.77 -7.16	45.60 0.48 -7.75
KATONAH__115KV_46KV_TB4 355592	41.26 1.55 -0.87	36.15 1.40 -0.50	34.57 1.12 -0.42	30.25 0.99 -0.11	31.73 0.98 -0.24	33.68 0.94 -0.32	35.31 1.02 -0.36	38.79 1.19 -0.49	40.00 1.35 -1.25	39.14 1.44 -1.79	38.01 1.49 -1.16	39.46 1.78 -1.40	41.01 1.82 -1.35	41.46 1.70 -1.16	42.32 1.90 -0.83	44.95 1.77 -0.98	50.76 1.95 -1.23	59.47 1.94 -0.46	59.30 1.83 -0.41	56.41 1.63 -0.58	51.05 1.61 -0.78	47.12 1.52 -1.00	42.82 1.67 -0.55	38.86 1.49 0.00
KCE_NY_1 323755	39.04 0.97 0.76	34.71 0.89 0.43	33.51 0.86 0.37	29.81 0.76 0.10	31.09 0.79 0.21	32.96 0.81 0.28	34.47 0.85 0.31	37.68 1.00 0.43	37.10 0.79 1.09	34.99 0.65 1.56	34.75 0.39 1.01	35.50 0.44 1.22	37.04 0.38 1.18	38.10 0.50 1.01	39.54 0.67 0.72	42.06 0.72 0.85	47.54 1.05 1.08	58.15 1.48 0.40	58.24 1.54 0.36	55.16 1.46 0.51	49.40 1.41 0.68	45.11 1.38 0.87	41.35 1.22 0.48	38.38 1.01 0.00
KCE_NY_6_ESR 323823	40.86 1.05 -0.98	36.01 1.10 -0.66	34.72 1.12 -0.57	30.55 1.08 -0.32	31.83 0.89 -0.44	33.92 0.97 -0.53	35.58 1.02 -0.62	38.15 0.19 -0.86	38.58 0.30 -0.88	36.38 0.07 -0.40	36.72 0.60 -0.75	37.55 0.44 -0.83	39.57 1.17 -0.55	40.86 1.27 -0.98	40.62 0.36 -0.67	43.76 0.34 -1.23	49.72 0.52 -1.62	59.33 -0.11 -2.38	59.91 0.00 -2.84	57.00 0.16 -2.64	50.94 0.20 -2.07	46.61 0.45 -1.56	41.69 0.65 -0.43	39.13 1.50 -0.27
KEDC_PORT_JEFF_GT2 24210	41.73 2.02 -0.88	36.40 1.64 -0.50	34.47 1.02 -0.42	30.08 0.82 -0.11	31.27 0.52 -0.24	33.16 0.42 -0.32	34.98 0.68 -0.36	38.49 0.89 -0.49	39.82 1.16 -1.25	39.15 1.44 -1.80	38.44 1.91 -1.16	39.44 1.74 -1.41	40.65 1.44 -1.36	41.40 1.62 -1.17	42.57 2.14 -0.84	44.53 1.35 -0.98	50.00 1.19 -1.24	58.67 1.14 -0.46	58.05 0.57 -0.41	55.17 0.38 -0.59	49.83 0.39 -0.77	46.00 0.40 -0.99	41.89 0.73 -0.55	38.87 1.50 0.00
KEDC_PORT_JEFF_GT3 24211	41.73 2.02 -0.88	36.40 1.64 -0.50	34.47 1.02 -0.42	30.08 0.82 -0.11	31.27 0.52 -0.24	33.16 0.42 -0.32	34.98 0.68 -0.36	38.49 0.89 -0.49	39.82 1.16 -1.25	39.15 1.44 -1.80	38.44 1.91 -1.16	39.44 1.74 -1.41	40.65 1.44 -1.36	41.40 1.62 -1.17	42.57 2.14 -0.84	44.53 1.35 -0.98	50.00 1.19 -1.24	58.67 1.14 -0.46	58.05 0.57 -0.41	55.17 0.38 -0.59	49.83 0.39 -0.77	46.00 0.40 -0.99	41.89 0.73 -0.55	38.87 1.50 0.00
KEDC_GLWD_GT4 24219	41.65 1.94 -0.88	36.43 1.68 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.67 0.91 -0.24	33.58 0.84 -0.32	35.28 0.98 -0.36	38.82 1.22 -0.49	40.08 1.42 -1.25	39.33 1.62 -1.80	38.44 1.91 -1.16	39.70 1.99 -1.42	41.07 1.85 -1.37	41.63 1.85 -1.18	42.69 2.26 -0.85	44.99 1.81 -0.98	50.10 1.29 -1.24	58.90 1.37 -0.46	58.50 1.03 -0.41	55.66 0.86 -0.59	50.27 0.83 -0.78	46.85 1.25 -1.00	42.50 1.34 -0.55	38.98 1.61 0.00
KEDC_GLWD_GT5 24220	41.65 1.94 -0.88	36.43 1.68 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.67 0.91 -0.24	33.58 0.84 -0.32	35.28 0.98 -0.36	38.82 1.22 -0.49	40.08 1.42 -1.25	39.33 1.62 -1.80	38.44 1.91 -1.16	39.70 1.99 -1.42	41.07 1.85 -1.37	41.63 1.85 -1.18	42.69 2.26 -0.85	44.99 1.81 -0.98	50.10 1.29 -1.24	58.90 1.37 -0.46	58.50 1.03 -0.41	55.66 0.86 -0.59	50.27 0.83 -0.78	46.85 1.25 -1.00	42.50 1.34 -0.55	38.98 1.61 0.00
KENSICO____ 23655	41.26 1.55 -0.88	36.12 1.37 -0.50	34.53 1.09 -0.42	30.19 0.93 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.25 0.95 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.11 1.40 -1.80	38.01 1.49 -1.16	39.43 1.74 -1.40	40.98 1.78 -1.35	41.42 1.66 -1.16	42.32 1.90 -0.83	44.91 1.73 -0.98	50.62 1.81 -1.24	59.24 1.71 -0.46	59.07 1.60 -0.41	56.25 1.46 -0.58	50.86 1.41 -0.78	46.98 1.38 -1.00	42.75 1.58 -0.55	38.83 1.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.17 1.79 -0.55	36.14 1.58 -0.32	34.64 1.35 -0.27	30.39 1.17 -0.07	31.82 1.16 -0.15	33.79 1.17 -0.20	35.39 1.22 -0.23	38.79 1.37 -0.31	39.58 1.38 -0.79	38.45 1.40 -1.14	37.52 1.41 -0.73	38.80 1.63 -0.89	40.37 1.67 -0.86	41.00 1.66 -0.73	41.98 1.86 -0.53	44.72 1.90 -0.62	50.64 2.28 -0.78	59.81 2.45 -0.29	59.84 2.51 -0.26	56.96 2.39 -0.37	51.35 2.19 -0.49	47.24 2.01 -0.63	43.03 2.07 -0.35	39.20 1.83 0.00

KIAC_JFK_GT1 23816	41.69 1.98 -0.88	36.50 1.75 -0.50	34.83 1.39 -0.42	30.43 1.17 -0.11	31.94 1.19 -0.24	33.88 1.13 -0.32	35.59 1.29 -0.36	39.20 1.60 -0.49	40.49 1.83 -1.25	39.65 1.94 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.51 2.31 -1.36	41.97 2.20 -1.16	42.64 2.22 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.64 2.11 -0.46	59.42 1.94 -0.41	56.53 1.73 -0.59	51.10 1.65 -0.78	47.21 1.61 -1.00	43.11 1.95 -0.55	39.28 1.91 0.00
KIAC_JFK_GT2 23817	41.69 1.98 -0.88	36.50 1.75 -0.50	34.83 1.39 -0.42	30.43 1.17 -0.11	31.94 1.19 -0.24	33.88 1.13 -0.32	35.59 1.29 -0.36	39.20 1.60 -0.49	40.49 1.83 -1.25	39.65 1.94 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.51 2.31 -1.36	41.97 2.20 -1.16	42.64 2.22 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.64 2.11 -0.46	59.42 1.94 -0.41	56.53 1.73 -0.59	51.10 1.65 -0.78	47.21 1.61 -1.00	43.11 1.95 -0.55	39.28 1.91 0.00
KIAC_JFK____ 323774	41.69 1.98 -0.88	36.50 1.75 -0.50	34.83 1.39 -0.42	30.43 1.17 -0.11	31.94 1.19 -0.24	33.88 1.13 -0.32	35.55 1.26 -0.36	39.20 1.59 -0.49	40.45 1.80 -1.25	39.65 1.94 -1.80	38.44 1.91 -1.16	39.83 2.14 -1.41	41.28 2.08 -1.36	41.81 2.04 -1.16	42.88 2.46 -0.83	45.20 2.03 -0.98	50.58 1.76 -1.24	59.64 2.11 -0.46	59.30 1.83 -0.41	56.36 1.57 -0.59	50.96 1.51 -0.78	47.12 1.52 -1.00	42.87 1.71 -0.55	39.24 1.87 0.00
KINTIGH__24_KV_GSU 356498	40.36 0.62 -0.91	35.55 0.68 -0.61	34.25 0.69 -0.53	30.15 0.70 -0.30	31.43 0.52 -0.41	33.46 0.55 -0.49	35.06 0.54 -0.58	37.76 -0.15 -0.80	38.14 -0.07 -0.81	36.06 -0.21 -0.37	36.32 0.25 -0.70	37.16 0.11 -0.77	39.07 0.72 -0.51	40.41 0.89 -0.91	40.21 0.00 -0.62	43.26 -0.08 -1.15	49.08 0.00 -1.51	58.48 -0.80 -2.21	58.96 -0.74 -2.64	56.11 -0.54 -2.45	50.20 -0.39 -1.93	46.01 -0.04 -1.45	41.22 0.20 -0.40	38.55 0.93 -0.25
KINTIGH____ 23543	40.36 0.62 -0.91	35.55 0.69 -0.61	34.25 0.69 -0.53	30.15 0.70 -0.30	31.43 0.52 -0.41	33.46 0.55 -0.49	35.02 0.51 -0.58	37.76 -0.15 -0.80	38.14 -0.07 -0.81	36.06 -0.22 -0.37	36.39 0.32 -0.70	37.16 0.11 -0.77	38.31 -0.04 -0.51	39.98 0.46 -0.91	40.18 -0.04 -0.62	43.13 -0.21 -1.15	47.94 -1.14 -1.51	58.08 -1.20 -2.21	59.02 -0.68 -2.64	55.73 -0.92 -2.45	50.11 -0.49 -1.93	46.01 -0.04 -1.45	40.97 -0.04 -0.40	38.48 0.86 -0.25
KNTFSRNC_46_KV_46KV_LOAD 80397	44.66 1.20 -4.62	39.36 1.13 -3.98	39.51 1.06 -5.43	34.39 0.93 -4.31	35.79 1.07 -4.22	39.19 1.26 -5.50	40.63 1.32 -5.37	43.41 1.56 -4.75	43.81 1.68 -4.72	41.41 1.65 -3.85	40.81 1.56 -3.89	41.78 1.67 -3.83	42.98 1.51 -3.62	40.19 1.51 -0.08	44.75 1.54 -3.62	44.87 1.65 -1.03	52.10 1.43 -3.10	60.93 1.71 -2.15	61.20 1.65 -2.49	58.23 1.36 -2.67	53.38 1.31 -3.40	49.26 0.71 -3.94	45.73 0.85 -4.26	43.26 1.27 -4.62
LACHUTE____HYDRO 323717	40.04 1.94 0.74	35.72 1.88 0.42	34.49 1.82 0.35	30.60 1.54 0.09	32.04 1.74 0.20	34.01 1.85 0.27	35.50 1.87 0.30	38.74 2.04 0.41	37.89 1.53 1.05	35.62 1.22 1.51	35.17 0.78 0.97	35.87 0.76 1.18	37.50 0.80 1.14	38.67 1.04 0.97	40.12 1.23 0.70	42.81 1.44 0.82	48.77 2.24 1.04	59.99 3.31 0.39	60.42 3.71 0.35	57.29 3.58 0.49	51.27 3.26 0.66	46.84 3.08 0.84	42.83 2.68 0.46	39.65 2.28 0.00
LAWRNCALV_115KV_TB1 80681	96.71 0.74 -57.14	84.01 0.62 -49.14	100.67 0.66 -66.98	82.78 0.55 -53.08	83.17 0.64 -52.02	100.95 0.75 -67.78	100.93 0.78 -66.21	96.72 0.93 -58.69	96.72 0.94 -58.38	84.34 0.93 -47.50	84.32 0.88 -48.06	84.53 0.83 -47.41	83.38 0.87 -44.66	40.67 0.77 -1.29	85.12 0.79 -44.74	56.20 0.89 -13.11	87.21 0.90 -38.73	85.35 0.97 -27.31	89.67 0.97 -31.64	88.98 0.92 -33.85	91.99 0.78 -42.54	94.39 0.71 -49.08	93.92 0.73 -52.58	94.89 0.67 -56.85
LEDERLE____ 23769	41.29 1.63 -0.83	36.20 1.47 -0.47	34.61 1.19 -0.40	30.25 0.99 -0.11	31.74 1.01 -0.23	33.67 0.94 -0.30	35.36 1.09 -0.34	38.87 1.30 -0.47	40.01 1.42 -1.19	39.08 1.47 -1.70	38.02 1.56 -1.10	39.43 1.81 -1.33	41.02 1.89 -1.28	41.48 1.78 -1.10	42.36 1.98 -0.79	44.98 1.86 -0.93	50.75 2.00 -1.17	59.56 2.05 -0.44	59.34 1.88 -0.39	56.49 1.73 -0.55	51.06 1.65 -0.74	47.15 1.61 -0.95	42.88 1.75 -0.52	38.94 1.57 0.00
LIGHTHSE_115KV_TB6 355974	46.84 0.19 -7.81	40.62 0.14 -6.23	40.83 0.20 -7.61	34.98 0.15 -5.68	36.59 0.18 -5.89	40.18 0.19 -7.56	41.85 0.24 -7.67	44.92 0.19 -7.63	45.13 0.07 -7.65	41.17 -0.11 -5.37	41.58 -0.18 -6.39	42.62 -0.18 -6.52	43.14 -0.23 -5.52	41.17 -0.19 -2.76	45.21 -0.24 -5.86	46.57 -0.13 -4.50	55.41 -0.05 -7.88	66.06 0.11 -8.88	67.93 0.34 -10.52	64.81 0.43 -10.17	58.45 0.34 -9.44	53.70 0.45 -8.65	46.78 0.24 -5.92	43.43 0.19 -5.88
LINDEN COGEN____ 23786	41.30 1.59 -0.88	36.16 1.40 -0.50	34.53 1.09 -0.42	30.17 0.90 -0.11	31.67 0.91 -0.24	33.55 0.81 -0.32	35.18 0.88 -0.36	38.75 1.15 -0.49	39.97 1.31 -1.25	39.18 1.47 -1.80	38.08 1.55 -1.16	39.43 1.74 -1.41	40.86 1.66 -1.36	41.39 1.62 -1.16	42.40 1.98 -0.83	44.95 1.77 -0.98	50.24 1.43 -1.24	59.24 1.71 -0.46	58.84 1.37 -0.41	55.98 1.19 -0.59	50.61 1.17 -0.78	46.85 1.25 -1.00	42.58 1.42 -0.55	38.83 1.46 0.00
LINDHRST_69_KV_BK1 356055	41.96 2.25 -0.88	36.67 1.92 -0.50	34.77 1.32 -0.42	30.34 1.08 -0.11	31.54 0.79 -0.24	33.46 0.71 -0.32	35.28 0.98 -0.36	38.79 1.19 -0.49	40.15 1.50 -1.25	39.43 1.72 -1.80	38.69 2.16 -1.16	40.09 2.39 -1.42	41.67 2.46 -1.37	42.09 2.32 -1.17	43.01 2.57 -0.84	45.24 2.07 -0.98	51.19 2.38 -1.24	59.64 2.11 -0.46	59.13 1.65 -0.41	56.04 1.25 -0.59	50.61 1.17 -0.78	46.67 1.07 -0.99	42.99 1.83 -0.55	39.24 1.87 0.00
LIPA_MISC_IPP 23656	41.46 1.75 -0.88	36.16 1.40 -0.50	34.24 0.79 -0.42	29.87 0.61 -0.11	31.06 0.31 -0.24	32.94 0.19 -0.32	34.74 0.44 -0.36	38.23 0.63 -0.49	39.59 0.94 -1.25	38.86 1.15 -1.80	38.16 1.63 -1.16	39.55 1.85 -1.41	41.10 1.89 -1.36	41.59 1.81 -1.17	42.53 2.10 -0.84	44.82 1.65 -0.98	50.72 1.90 -1.24	59.13 1.60 -0.46	58.50 1.03 -0.41	55.50 0.70 -0.59	49.98 0.54 -0.77	46.04 0.45 -0.99	42.46 1.30 -0.55	38.71 1.35 0.00
LISF____SOLAR 323691	41.50 1.79 -0.88	36.22 1.47 -0.50	34.27 0.83 -0.42	29.93 0.67 -0.11	31.09 0.34 -0.24	32.97 0.23 -0.32	34.77 0.47 -0.36	38.27 0.67 -0.49	39.59 0.94 -1.25	38.89 1.18 -1.80	38.23 1.70 -1.16	39.15 1.45 -1.41	40.42 1.21 -1.36	41.16 1.39 -1.17	42.37 1.94 -0.84	44.32 1.14 -0.98	49.77 0.95 -1.24	58.44 0.91 -0.46	57.82 0.34 -0.41	54.95 0.16 -0.59	49.59 0.15 -0.77	45.77 0.18 -0.99	41.73 0.57 -0.55	38.68 1.31 0.00
LITTLE FALLS____HYD 24013	39.36 -0.70 -1.23	34.73 -0.58 -1.06	33.91 -0.56 -1.44	29.77 -0.52 -1.14	31.14 -0.49 -1.12	33.37 -0.52 -1.46	34.89 -0.48 -1.43	37.81 -0.56 -1.26	38.02 -0.64 -1.25	36.22 -0.72 -1.02	35.66 -0.74 -1.03	36.61 -0.69 -1.02	38.01 -0.79 -1.02	37.81 -0.81 -0.96	39.68 -0.87 -0.96	41.54 -0.93 -0.27	47.50 -0.90 -0.82	56.67 -0.97 -0.57	56.81 -0.91 -0.66	54.05 -0.87 -0.71	48.74 -0.83 -0.90	44.98 -0.67 -1.05	41.14 -0.61 -1.13	37.92 -0.67 -1.23

LITTLRIV_115KV_TB1 356100	94.62 1.17 -54.63	82.18 0.96 -46.97	98.03 0.99 -64.01	80.69 0.82 -50.72	81.16 0.95 -49.71	98.30 1.10 -64.77	98.36 1.15 -63.27	94.54 1.34 -56.10	94.48 1.27 -55.81	82.45 1.15 -45.39	82.37 1.06 -45.95	82.63 1.02 -45.33	81.56 1.02 -42.69	40.80 0.93 -1.27	83.30 0.95 -42.76	55.91 1.14 -12.58	85.93 1.28 -37.07	84.79 1.54 -26.19	89.12 1.71 -30.34	88.33 1.68 -32.44	90.85 1.46 -40.72	92.84 1.29 -46.95	92.03 1.18 -50.24	92.73 1.05 -54.32
LI_NEWBRDGE___DRP 323616	41.38 1.67 -0.88	36.16 1.40 -0.50	34.34 0.89 -0.42	29.96 0.70 -0.11	31.24 0.49 -0.24	33.13 0.39 -0.32	34.87 0.58 -0.36	38.34 0.74 -0.49	39.67 1.01 -1.25	38.97 1.26 -1.80	38.16 1.63 -1.16	39.51 1.81 -1.41	41.06 1.85 -1.36	41.43 1.66 -1.17	42.25 1.82 -0.84	44.57 1.39 -0.98	50.34 1.52 -1.24	58.73 1.20 -0.46	58.22 0.74 -0.41	55.28 0.49 -0.59	49.88 0.44 -0.77	46.09 0.49 -0.99	42.34 1.18 -0.55	38.68 1.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.44 0.66 -0.95	35.61 0.72 -0.64	34.34 0.76 -0.55	30.22 0.76 -0.31	31.48 0.55 -0.43	33.52 0.58 -0.51	35.05 0.51 -0.60	37.68 -0.26 -0.83	38.07 -0.19 -0.85	35.94 -0.36 -0.38	36.35 0.25 -0.73	37.05 -0.04 -0.80	38.22 -0.15 -0.53	39.94 0.39 -0.95	40.04 -0.20 -0.65	43.06 -0.34 -1.20	47.77 -1.38 -1.58	57.89 -1.48 -2.31	58.91 -0.91 -2.76	55.57 -1.19 -2.56	50.00 -0.68 -2.01	45.98 -0.13 -1.52	40.91 -0.12 -0.42	38.60 0.97 -0.26
LOCKPORT___CC1 323769	40.49 0.70 -0.95	35.64 0.75 -0.64	34.34 0.76 -0.56	30.25 0.79 -0.31	31.51 0.58 -0.43	33.55 0.61 -0.51	35.15 0.61 -0.60	37.72 -0.22 -0.83	38.11 -0.15 -0.85	35.97 -0.32 -0.39	36.32 0.21 -0.73	37.09 0.00 -0.80	39.09 0.72 -0.53	40.45 0.89 -0.96	40.17 -0.08 -0.65	43.23 -0.17 -1.20	49.06 -0.09 -1.58	58.36 -1.03 -2.32	58.86 -0.97 -2.77	56.07 -0.71 -2.57	50.15 -0.53 -2.02	46.03 -0.09 -1.52	41.19 0.16 -0.42	38.72 1.08 -0.26
LOCKPORT___CC2 323770	40.49 0.70 -0.95	35.64 0.75 -0.64	34.34 0.76 -0.56	30.25 0.79 -0.31	31.51 0.58 -0.43	33.55 0.61 -0.51	35.15 0.61 -0.60	37.72 -0.22 -0.83	38.11 -0.15 -0.85	35.97 -0.32 -0.39	36.32 0.21 -0.73	37.09 0.00 -0.80	39.09 0.72 -0.53	40.45 0.89 -0.96	40.17 -0.08 -0.65	43.23 -0.17 -1.20	49.06 -0.09 -1.58	58.36 -1.03 -2.32	58.86 -0.97 -2.77	56.07 -0.71 -2.57	50.15 -0.53 -2.02	46.03 -0.09 -1.52	41.19 0.16 -0.42	38.72 1.08 -0.26
LOCKPORT___CC3 323771	40.49 0.70 -0.95	35.64 0.75 -0.64	34.34 0.76 -0.56	30.25 0.79 -0.31	31.51 0.58 -0.43	33.55 0.61 -0.51	35.15 0.61 -0.60	37.72 -0.22 -0.83	38.11 -0.15 -0.85	35.97 -0.32 -0.39	36.32 0.21 -0.73	37.09 0.00 -0.80	39.09 0.72 -0.53	40.45 0.89 -0.96	40.17 -0.08 -0.65	43.23 -0.17 -1.20	49.06 -0.09 -1.58	58.36 -1.03 -2.32	58.86 -0.97 -2.77	56.07 -0.71 -2.57	50.15 -0.53 -2.02	46.03 -0.09 -1.52	41.19 0.16 -0.42	38.72 1.08 -0.26
LOCUSVLY_69_KV_BK2 55797	41.73 2.02 -0.88	36.50 1.75 -0.50	34.67 1.22 -0.42	30.28 1.02 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.32	35.25 0.95 -0.36	38.79 1.19 -0.49	40.12 1.46 -1.25	39.36 1.65 -1.80	38.51 1.98 -1.16	39.95 2.25 -1.42	41.49 2.27 -1.37	41.90 2.12 -1.18	42.69 2.26 -0.85	45.08 1.90 -0.98	50.77 1.95 -1.24	59.24 1.71 -0.46	58.85 1.37 -0.41	55.87 1.08 -0.59	50.42 0.97 -0.78	46.67 1.07 -1.00	42.79 1.62 -0.55	39.09 1.72 0.00
LONG_LAKE_PHOENIX 24014	41.69 -0.12 -2.98	36.47 -0.07 -2.29	35.56 -0.10 -2.64	30.99 -0.06 -1.90	32.46 -0.09 -2.04	34.92 -0.10 -2.59	36.53 -0.10 -2.69	39.76 -0.19 -2.84	40.00 -0.26 -2.86	37.41 -0.36 -1.86	37.45 -0.32 -2.40	38.45 -0.33 -2.49	39.51 -0.34 -2.00	39.82 -0.27 -1.49	41.47 -0.32 -2.19	44.12 -0.25 -2.17	50.77 -0.24 -3.44	61.20 -0.11 -4.25	62.17 0.06 -5.06	59.07 0.05 -4.81	52.87 0.00 -4.21	48.27 0.04 -3.62	42.62 -0.04 -2.04	39.29 0.00 -1.92
LOVETT___3 23632	41.07 1.40 -0.84	36.00 1.27 -0.48	34.45 1.02 -0.40	30.10 0.85 -0.11	31.56 0.82 -0.23	33.51 0.78 -0.30	35.20 0.92 -0.34	38.69 1.11 -0.47	39.84 1.23 -1.20	38.96 1.33 -1.72	37.90 1.41 -1.11	39.30 1.67 -1.35	40.85 1.70 -1.30	41.30 1.58 -1.11	42.21 1.82 -0.80	44.78 1.65 -0.94	50.52 1.76 -1.19	59.22 1.71 -0.44	58.94 1.48 -0.40	56.12 1.36 -0.56	50.73 1.31 -0.75	46.85 1.29 -0.96	42.64 1.50 -0.53	38.71 1.35 0.00
LOVETT___4 23642	41.07 1.40 -0.84	36.00 1.27 -0.48	34.45 1.02 -0.40	30.10 0.85 -0.11	31.56 0.82 -0.23	33.51 0.78 -0.30	35.20 0.92 -0.34	38.69 1.11 -0.47	39.84 1.23 -1.20	38.96 1.33 -1.72	37.90 1.41 -1.11	39.30 1.67 -1.35	40.85 1.70 -1.30	41.30 1.58 -1.11	42.21 1.82 -0.80	44.78 1.65 -0.94	50.52 1.76 -1.19	59.22 1.71 -0.44	58.94 1.48 -0.40	56.12 1.36 -0.56	50.73 1.31 -0.75	46.85 1.29 -0.96	42.64 1.50 -0.53	38.71 1.35 0.00
LOVETT___5 23593	41.07 1.40 -0.84	36.00 1.27 -0.48	34.45 1.02 -0.40	30.10 0.85 -0.11	31.56 0.82 -0.23	33.51 0.78 -0.30	35.20 0.92 -0.34	38.69 1.11 -0.47	39.84 1.23 -1.20	38.96 1.33 -1.72	37.90 1.41 -1.11	39.30 1.67 -1.35	40.85 1.70 -1.30	41.30 1.58 -1.11	42.21 1.82 -0.80	44.78 1.65 -0.94	50.52 1.76 -1.19	59.22 1.71 -0.44	58.94 1.48 -0.40	56.12 1.36 -0.56	50.73 1.31 -0.75	46.85 1.29 -0.96	42.64 1.50 -0.53	38.71 1.35 0.00
LOWER RAQUET___HYD 24057	91.87 0.78 -52.26	79.83 0.65 -44.93	94.97 0.73 -61.22	78.26 0.61 -48.50	78.75 0.70 -47.54	95.18 0.81 -61.94	95.30 0.85 -60.51	91.77 1.00 -53.66	91.84 1.05 -53.39	80.29 0.97 -43.41	80.24 0.92 -43.95	80.52 0.87 -43.36	79.55 0.87 -40.83	40.63 0.77 -1.26	81.29 0.79 -40.91	55.20 0.93 -12.07	83.98 0.90 -35.50	82.99 0.80 -25.13	87.15 0.97 -29.12	86.30 0.98 -31.12	88.46 0.78 -39.01	90.39 0.85 -44.94	89.55 0.89 -48.05	90.02 0.71 -51.94
LOWER___HUDSON 24059	38.38 0.54 0.99	34.16 0.48 0.57	32.97 0.43 0.48	29.43 0.41 0.13	30.63 0.40 0.27	32.46 0.39 0.36	33.97 0.44 0.41	37.14 0.59 0.56	36.51 0.52 1.42	34.37 0.50 2.04	34.37 0.32 1.32	35.05 0.36 1.59	36.54 0.23 1.54	37.56 0.27 1.32	39.12 0.48 0.94	41.51 0.42 1.11	46.74 0.57 1.41	57.40 0.86 0.52	57.39 0.80 0.47	54.24 0.70 0.66	48.51 0.73 0.89	44.22 0.76 1.14	40.60 0.61 0.62	37.82 0.45 0.00
LOWVILLE_115KV_TB2 356335	55.17 0.66 -15.67	48.27 0.69 -13.33	51.95 1.02 -17.90	44.04 0.82 -14.08	45.35 0.95 -13.89	51.50 1.01 -18.07	52.80 1.12 -17.74	54.27 1.19 -15.98	54.33 1.01 -15.91	49.28 0.68 -12.68	48.74 0.25 -13.13	49.52 0.22 -13.02	50.03 0.11 -12.07	39.79 0.04 -1.15	51.71 -0.08 -12.19	46.80 0.17 -4.43	59.42 0.43 -11.42	67.05 0.91 -9.07	68.84 1.20 -10.58	66.55 1.36 -10.99	62.62 1.17 -12.78	59.69 1.03 -14.06	55.38 0.73 -14.03	52.83 0.45 -15.01
LUTHERFT_115KV_GLOB_FND_222 355753	39.00 0.93 0.76	34.71 0.89 0.43	33.52 0.86 0.37	29.78 0.73 0.10	31.09 0.79 0.21	32.96 0.81 0.28	34.47 0.85 0.31	37.65 0.96 0.43	37.10 0.79 1.09	34.99 0.65 1.56	34.75 0.39 1.01	35.50 0.44 1.22	37.12 0.45 1.18	38.13 0.54 1.01	39.54 0.67 0.72	42.06 0.72 0.85	47.64 1.14 1.08	58.09 1.43 0.40	58.24 1.54 0.36	55.16 1.46 0.51	49.40 1.41 0.68	45.11 1.38 0.87	41.39 1.26 0.48	38.38 1.01 0.00

LUTHERNY_35_KV_BK2 355980	39.04 0.97 0.76	34.71 0.89 0.43	33.52 0.86 0.37	29.81 0.76 0.10	31.09 0.79 0.21	32.96 0.81 0.28	34.47 0.85 0.31	37.68 1.00 0.43	37.14 0.82 1.09	34.99 0.65 1.56	34.75 0.39 1.01	35.50 0.44 1.22	37.16 0.49 1.18	38.13 0.54 1.01	39.54 0.67 0.72	42.10 0.76 0.85	47.64 1.14 1.08	58.15 1.48 0.40	58.24 1.54 0.36	55.21 1.52 0.51	49.40 1.41 0.68	45.16 1.43 0.87	41.44 1.30 0.48	38.42 1.05 0.00
LWR___OSWEGATCHIE_HYD 23850	75.52 0.78 -35.91	65.72 0.69 -30.78	75.66 0.86 -41.78	62.89 0.70 -33.04	63.78 0.82 -32.44	75.58 0.91 -42.25	76.22 0.95 -41.33	74.99 1.08 -36.80	75.04 1.01 -36.62	66.32 0.79 -29.62	66.10 0.57 -30.17	66.63 0.54 -29.81	66.29 0.49 -27.95	40.36 0.42 -1.33	68.01 0.36 -28.06	51.49 0.51 -8.79	73.06 0.62 -24.87	76.13 0.86 -18.21	79.29 1.08 -21.14	77.74 1.14 -22.40	77.11 0.97 -27.47	76.82 0.98 -31.24	74.21 0.81 -32.79	73.35 0.64 -35.34
LYONS_FALL_HYD 23570	50.12 0.74 -10.55	43.89 0.68 -8.95	45.90 0.89 -11.98	39.29 0.73 -9.41	40.64 0.82 -9.30	45.39 0.88 -12.09	46.77 0.95 -11.88	48.88 1.04 -10.74	49.00 0.90 -10.70	45.01 0.61 -8.49	44.55 0.35 -8.83	45.37 0.33 -8.76	46.21 0.27 -8.10	39.67 0.19 -0.87	47.91 0.12 -8.20	45.62 0.34 -3.09	55.98 0.62 -7.79	64.46 1.08 -6.31	65.69 1.25 -7.37	63.18 1.36 -7.61	58.63 1.22 -8.75	55.21 1.07 -9.54	50.78 0.77 -9.39	47.96 0.56 -10.03
MADISON___COUNTY_LFGE 323628	43.82 0.97 -4.01	38.36 0.82 -3.29	38.07 0.86 -4.18	33.08 0.73 -3.20	34.55 0.79 -3.24	37.45 0.84 -4.19	39.04 0.92 -4.19	42.03 0.93 -3.99	42.18 0.79 -3.99	39.44 0.57 -2.96	39.18 0.50 -3.31	40.13 0.51 -3.34	41.28 0.49 -2.94	40.11 0.54 -0.96	43.16 0.51 -3.06	44.75 0.72 -1.83	52.16 1.00 -3.59	62.14 1.43 -3.65	63.03 1.65 -4.31	60.07 1.63 -4.24	54.33 1.46 -4.21	50.00 1.29 -4.10	44.90 1.02 -3.27	41.62 0.90 -3.36
MALONE___115KV_TB1 356076	58.79 1.13 -18.83	51.46 0.99 -16.21	56.12 0.96 -22.14	47.56 0.85 -17.56	48.68 0.98 -17.20	55.97 1.13 -22.41	57.00 1.19 -21.88	57.91 1.45 -19.36	58.23 1.57 -19.25	53.12 1.51 -15.70	52.66 1.45 -15.85	53.43 1.52 -15.62	53.99 1.40 -14.74	40.26 1.35 -0.31	55.77 1.43 -14.75	47.91 1.52 -4.20	61.74 1.52 -12.65	67.60 1.77 -8.77	68.98 1.77 -10.14	66.68 1.57 -10.90	63.98 1.46 -13.85	61.71 1.03 -16.08	58.97 0.97 -17.38	57.20 1.01 -18.82
MAPLEWOD_115KV_TB3 80458	38.40 0.23 0.67	34.08 0.21 0.38	32.87 0.17 0.32	29.24 0.17 0.09	30.51 0.18 0.18	32.38 0.19 0.24	33.87 0.20 0.27	37.03 0.30 0.37	36.71 0.26 0.95	34.76 0.22 1.37	34.55 0.07 0.88	35.32 0.11 1.07	36.85 0.04 1.03	37.72 0.16 0.88	39.12 0.16 0.63	41.53 0.08 0.75	46.87 0.24 0.94	56.94 0.23 0.35	56.92 0.17 0.32	53.92 0.16 0.45	48.31 0.24 0.60	44.11 0.27 0.76	40.48 0.28 0.42	37.44 0.07 0.00
MAPLE_RIDGE_WT_1 323574	37.40 -0.12 1.32	33.05 -0.07 1.14	31.44 -0.03 1.55	27.89 -0.03 1.23	29.30 0.00 1.20	30.85 0.00 1.57	32.41 0.00 1.53	35.79 0.04 1.36	36.09 0.04 1.35	34.88 0.07 1.10	34.29 0.04 1.11	35.22 0.04 1.09	36.81 0.00 1.03	38.58 0.00 0.02	38.52 -0.04 1.03	41.90 0.00 0.29	46.69 0.00 0.89	56.39 -0.06 0.61	56.29 -0.06 0.71	53.28 -0.16 0.76	47.41 -0.29 0.97	43.03 -0.45 1.13	38.87 -0.53 1.22	35.42 -0.64 1.32
MAPLE_RIDGE_WT_2 323611	37.40 -0.12 1.32	33.05 -0.07 1.14	31.44 -0.03 1.55	27.89 -0.03 1.23	29.30 0.00 1.20	30.85 0.00 1.57	32.41 0.00 1.53	35.79 0.04 1.36	36.09 0.04 1.35	34.88 0.07 1.10	34.29 0.04 1.11	35.22 0.04 1.09	36.81 0.00 1.03	38.58 0.00 0.02	38.52 -0.04 1.03	41.90 0.00 0.29	46.69 0.00 0.89	56.39 -0.06 0.61	56.29 -0.06 0.71	53.28 -0.16 0.76	47.41 -0.29 0.97	43.03 -0.45 1.13	38.87 -0.53 1.22	35.42 -0.64 1.32
MARBLE_RIVER_WT_PWR 323696	43.83 1.05 -3.94	38.64 0.99 -3.40	38.62 0.96 -4.64	33.70 0.87 -3.68	35.09 0.98 -3.60	38.28 1.17 -4.69	39.74 1.22 -4.58	42.61 1.45 -4.05	43.04 1.61 -4.03	40.74 1.54 -3.29	40.17 1.49 -3.32	41.08 1.52 -3.27	42.41 1.47 -3.09	40.10 1.43 -0.06	44.15 1.47 -3.09	44.64 1.56 -0.88	51.41 1.19 -2.65	60.22 1.31 -1.84	60.50 1.31 -2.12	57.52 1.03 -2.28	52.49 0.92 -2.90	48.77 0.80 -3.37	45.63 1.38 -3.64	42.25 0.93 -3.94
MARSHVLE_115KV_TB1 80742	40.87 2.45 0.41	36.17 2.16 0.24	34.94 2.11 0.20	30.90 1.81 0.05	32.35 1.95 0.11	34.38 2.11 0.15	35.98 2.21 0.17	39.10 2.23 0.23	38.31 1.50 0.59	35.85 0.79 0.85	35.21 0.39 0.55	36.13 0.51 0.66	37.81 0.61 0.64	38.79 0.73 0.55	40.11 0.91 0.39	43.17 1.43 0.46	49.13 2.14 0.58	60.16 3.31 0.22	60.69 3.82 0.20	57.62 3.69 0.28	51.71 3.41 0.37	47.43 3.30 0.47	43.32 2.96 0.26	39.99 2.62 0.00
MARSH_HILL_WT_PWR 323713	41.54 1.55 -1.16	36.61 1.58 -0.78	35.25 1.55 -0.67	30.90 1.37 -0.38	32.37 1.34 -0.52	34.57 1.52 -0.62	36.30 1.63 -0.73	39.23 1.11 -1.01	39.41 0.97 -1.03	36.92 0.54 -0.47	37.04 0.78 -0.89	37.88 0.62 -0.98	39.59 1.10 -0.65	40.96 1.20 -1.16	41.02 0.63 -0.79	44.41 0.76 -1.46	50.78 1.29 -1.92	61.42 1.54 -2.81	62.30 1.88 -3.36	59.22 1.90 -3.12	52.67 1.56 -2.45	47.96 1.52 -1.84	42.50 1.38 -0.51	39.48 1.79 -0.32
MCINTYRE_115KV_TB2 80467	98.54 1.28 -58.43	85.56 1.06 -50.25	102.62 1.09 -68.50	84.34 0.90 -54.29	84.74 1.04 -53.20	102.94 1.20 -69.32	102.87 1.22 -67.71	98.53 1.41 -60.01	98.41 1.31 -59.70	85.67 1.19 -48.58	85.61 1.10 -49.15	85.78 1.02 -48.48	84.58 1.06 -45.67	40.83 0.93 -1.30	86.33 0.99 -45.75	56.77 1.18 -13.39	88.59 1.43 -39.58	86.84 1.88 -27.89	91.42 2.05 -32.31	90.78 2.01 -34.57	93.89 1.75 -43.47	96.29 1.52 -50.17	95.72 1.34 -53.77	96.71 1.20 -58.15
MECO_____69_KV_BK1 80468	40.74 2.37 0.46	36.11 2.12 0.26	34.88 2.08 0.22	30.87 1.78 0.06	32.30 1.92 0.13	34.37 2.11 0.17	35.92 2.17 0.19	39.15 2.30 0.26	38.32 1.57 0.66	35.79 0.83 0.95	35.08 0.32 0.61	35.87 0.33 0.74	37.51 0.38 0.71	38.50 0.50 0.61	39.91 0.75 0.44	42.90 1.22 0.52	49.11 2.19 0.65	60.25 3.42 0.24	60.78 3.94 0.22	57.69 3.79 0.31	51.76 3.50 0.41	47.37 3.30 0.53	43.29 2.96 0.29	39.95 2.58 0.00
MENANDS___115KV_TB5 355628	38.17 0.00 0.66	33.87 0.00 0.38	32.67 -0.03 0.32	29.09 0.03 0.08	30.33 0.00 0.18	32.18 0.00 0.24	33.70 0.03 0.27	36.85 0.11 0.37	36.53 0.07 0.95	34.62 0.07 1.36	34.45 -0.04 0.88	35.18 -0.04 1.07	36.70 -0.11 1.03	37.53 -0.19 0.88	38.92 -0.04 0.63	41.33 -0.13 0.74	46.59 -0.05 0.94	56.54 -0.17 0.35	56.52 -0.23 0.31	53.54 -0.22 0.44	47.93 -0.15 0.59	43.80 -0.04 0.76	40.20 0.00 0.42	37.18 -0.19 0.00
MG INDUSTRY___DRP 24185	38.76 0.27 0.34	34.30 0.24 0.20	33.09 0.23 0.16	29.34 0.23 0.04	30.66 0.24 0.09	32.56 0.26 0.12	34.04 0.24 0.14	37.18 0.26 0.19	37.06 0.15 0.49	35.24 0.04 0.70	34.84 -0.07 0.45	35.48 -0.25 0.55	37.01 -0.30 0.53	37.84 -0.31 0.45	39.07 -0.20 0.32	41.56 -0.25 0.38	46.04 -1.05 0.48	55.63 -1.26 0.18	55.59 -1.31 0.16	52.78 -1.19 0.23	47.34 -1.02 0.31	43.36 -0.85 0.39	39.67 -0.73 0.21	36.58 -0.78 0.00

MID___OSWEGATCHIE_HYD 23849	75.52 0.78 -35.91	65.72 0.69 -30.78	75.66 0.86 -41.78	62.89 0.70 -33.04	63.78 0.82 -32.44	75.58 0.91 -42.25	76.22 0.95 -41.33	74.99 1.08 -36.80	75.04 1.01 -36.62	66.32 0.79 -29.62	66.10 0.57 -30.17	66.63 0.54 -29.81	66.29 0.49 -27.95	40.36 0.42 -1.33	68.01 0.36 -28.06	51.49 0.51 -8.79	73.06 0.62 -24.87	76.13 0.86 -18.21	79.29 1.08 -21.14	77.74 1.14 -22.40	77.11 0.97 -27.47	76.82 0.98 -31.24	74.21 0.81 -32.79	73.35 0.64 -35.34
MID___RAQUETTE_HYD 23851	91.87 0.78 -52.26	79.83 0.65 -44.93	94.97 0.73 -61.22	78.26 0.61 -48.50	78.75 0.70 -47.54	95.18 0.81 -61.94	95.30 0.85 -60.51	91.77 1.00 -53.66	91.80 1.01 -53.39	80.29 0.97 -43.41	80.24 0.92 -43.95	80.52 0.87 -43.36	79.55 0.87 -40.83	40.63 0.77 -1.26	81.29 0.79 -40.91	55.20 0.93 -12.07	83.98 0.90 -35.50	83.17 0.97 -25.13	87.15 0.97 -29.12	86.25 0.92 -31.12	88.46 0.78 -39.01	90.30 0.76 -44.94	89.43 0.77 -48.05	90.02 0.71 -51.94
MILLIKEN___1 23584	41.47 0.89 -1.74	36.24 0.82 -1.17	34.83 0.79 -1.01	30.39 0.67 -0.57	31.99 0.70 -0.78	34.14 0.78 -0.93	35.86 0.81 -1.10	39.38 0.74 -1.52	39.60 0.64 -1.56	37.05 0.43 -0.70	37.17 0.46 -1.34	38.22 0.47 -1.47	39.31 0.49 -0.97	40.93 0.58 -1.75	41.34 0.55 -1.19	45.06 0.68 -2.19	51.36 0.90 -2.88	62.67 1.37 -4.23	63.83 1.71 -5.06	60.52 1.63 -4.69	53.77 1.41 -3.69	48.67 1.29 -2.78	42.43 1.06 -0.76	38.89 1.05 -0.48
MILLIKEN___2 23585	41.47 0.89 -1.74	36.24 0.82 -1.17	34.83 0.79 -1.01	30.39 0.67 -0.57	31.99 0.70 -0.78	34.14 0.78 -0.93	35.86 0.81 -1.10	39.38 0.74 -1.52	39.60 0.64 -1.56	37.05 0.43 -0.70	37.17 0.46 -1.34	38.22 0.47 -1.47	39.31 0.49 -0.97	40.93 0.58 -1.75	41.34 0.55 -1.19	45.06 0.68 -2.19	51.36 0.90 -2.88	62.67 1.37 -4.23	63.83 1.71 -5.06	60.52 1.63 -4.69	53.77 1.41 -3.69	48.67 1.29 -2.78	42.43 1.06 -0.76	38.89 1.05 -0.48
MILLIKEN___DIESEL 23629	41.47 0.89 -1.74	36.24 0.82 -1.17	34.83 0.79 -1.01	30.39 0.67 -0.57	31.99 0.70 -0.78	34.14 0.78 -0.93	35.86 0.81 -1.10	39.38 0.74 -1.52	39.60 0.64 -1.56	37.05 0.43 -0.70	37.17 0.46 -1.34	38.22 0.47 -1.47	39.31 0.49 -0.97	40.93 0.58 -1.75	41.34 0.55 -1.19	45.06 0.68 -2.19	51.36 0.90 -2.88	62.67 1.37 -4.23	63.83 1.71 -5.06	60.52 1.63 -4.69	53.77 1.41 -3.69	48.67 1.29 -2.78	42.43 1.06 -0.76	38.89 1.05 -0.48
MILLSEAT___LFGE 323607	41.17 1.40 -0.94	36.22 1.33 -0.64	34.86 1.29 -0.55	30.68 1.22 -0.31	32.00 1.07 -0.42	34.04 1.10 -0.51	35.79 1.26 -0.60	38.57 0.63 -0.83	38.84 0.60 -0.84	36.65 0.36 -0.38	36.91 0.81 -0.73	37.73 0.65 -0.80	39.70 1.32 -0.53	41.06 1.50 -0.95	40.91 0.67 -0.65	44.10 0.72 -1.19	49.90 0.76 -1.56	59.59 0.23 -2.30	60.21 0.40 -2.74	57.40 0.65 -2.54	51.20 0.54 -2.00	46.91 0.80 -1.51	41.88 0.85 -0.41	39.20 1.57 -0.26
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.18 1.48 -0.87	36.05 1.30 -0.50	34.50 1.06 -0.42	30.13 0.87 -0.11	31.63 0.88 -0.24	33.55 0.81 -0.32	35.18 0.88 -0.36	38.67 1.08 -0.49	39.89 1.23 -1.25	39.03 1.33 -1.79	37.90 1.38 -1.16	39.35 1.67 -1.40	40.90 1.70 -1.35	41.34 1.58 -1.16	42.20 1.78 -0.83	44.82 1.65 -0.98	50.52 1.71 -1.23	59.18 1.65 -0.46	59.02 1.54 -0.41	56.14 1.36 -0.58	50.81 1.36 -0.78	46.94 1.34 -1.00	42.70 1.54 -0.55	38.75 1.38 0.00
MILLWOOD_13_KV_LOAD 356217	41.26 1.55 -0.87	36.12 1.37 -0.50	34.57 1.12 -0.42	30.19 0.93 -0.11	31.70 0.95 -0.24	33.62 0.88 -0.32	35.24 0.95 -0.36	38.75 1.15 -0.49	39.96 1.31 -1.25	39.10 1.40 -1.79	37.97 1.45 -1.16	39.42 1.74 -1.40	40.97 1.78 -1.35	41.42 1.66 -1.16	42.28 1.86 -0.83	44.90 1.73 -0.98	50.66 1.86 -1.23	59.35 1.83 -0.46	59.13 1.65 -0.41	56.25 1.46 -0.58	50.90 1.46 -0.78	47.03 1.43 -1.00	42.78 1.62 -0.55	38.83 1.46 0.00
MODEL_CITY_ENERGY 24167	40.09 0.31 -0.95	35.30 0.41 -0.64	34.04 0.46 -0.56	29.99 0.53 -0.31	31.24 0.31 -0.43	33.26 0.32 -0.51	34.81 0.27 -0.60	37.35 -0.60 -0.83	37.77 -0.49 -0.85	35.65 -0.65 -0.39	36.00 -0.11 -0.73	36.76 -0.33 -0.80	38.75 0.38 -0.53	40.10 0.54 -0.96	39.81 -0.43 -0.65	42.80 -0.59 -1.20	48.53 -0.62 -1.58	57.67 -1.71 -2.32	58.17 -1.66 -2.77	55.42 -1.35 -2.57	49.57 -1.12 -2.02	45.54 -0.58 -1.52	40.79 -0.24 -0.42	38.34 0.71 -0.26
MODERN_LFGE___ 323580	40.09 0.31 -0.95	35.30 0.41 -0.64	34.04 0.46 -0.56	29.99 0.53 -0.31	31.24 0.31 -0.43	33.26 0.32 -0.51	34.81 0.27 -0.60	37.35 -0.60 -0.83	37.77 -0.49 -0.85	35.65 -0.65 -0.39	36.00 -0.11 -0.73	36.76 -0.33 -0.80	38.75 0.38 -0.53	40.10 0.54 -0.96	39.81 -0.43 -0.65	42.80 -0.59 -1.20	48.53 -0.62 -1.58	57.67 -1.71 -2.32	58.17 -1.66 -2.77	55.42 -1.35 -2.57	49.57 -1.12 -2.02	45.54 -0.58 -1.52	40.79 -0.24 -0.42	38.34 0.71 -0.26
MOHAWK_PAPER___DRP 24187	38.40 0.23 0.67	34.08 0.21 0.38	32.87 0.17 0.32	29.24 0.17 0.09	30.51 0.18 0.18	32.38 0.19 0.24	33.87 0.20 0.27	37.03 0.30 0.37	36.71 0.26 0.95	34.76 0.22 1.37	34.55 0.07 0.88	35.32 0.11 1.07	36.85 0.04 1.03	37.72 0.00 0.88	39.12 0.16 0.63	41.53 0.08 0.75	46.87 0.24 0.94	56.94 0.23 0.35	56.92 0.17 0.32	53.92 0.16 0.45	48.31 0.24 0.60	44.11 0.27 0.76	40.48 0.28 0.42	37.44 0.07 0.00
MOHICAN___35_KV_115KV_LD 80490	38.90 0.82 0.75	34.68 0.86 0.43	33.49 0.83 0.36	29.75 0.70 0.10	31.10 0.79 0.21	32.93 0.78 0.27	34.45 0.81 0.31	37.58 0.89 0.42	36.93 0.60 1.07	34.81 0.43 1.53	34.49 0.11 0.99	35.23 0.15 1.20	36.84 0.15 1.15	37.85 0.23 0.99	39.28 0.40 0.71	41.82 0.46 0.84	47.52 1.00 1.06	58.04 1.37 0.39	58.25 1.54 0.35	55.22 1.52 0.50	49.41 1.41 0.67	45.22 1.47 0.85	41.45 1.30 0.47	38.38 1.01 0.00
MONGAUP___HYD 23641	41.15 1.55 -0.76	36.09 1.40 -0.43	34.58 1.19 -0.37	30.27 1.02 -0.10	31.76 1.04 -0.21	33.74 1.04 -0.28	35.30 1.05 -0.31	38.69 1.15 -0.43	39.58 1.09 -1.09	38.51 1.04 -1.56	37.40 1.03 -1.01	38.59 1.09 -1.22	40.08 1.06 -1.18	40.69 1.08 -1.01	41.66 1.35 -0.72	44.44 1.39 -0.85	50.22 1.57 -1.08	59.52 2.05 -0.40	59.42 2.00 -0.36	56.61 1.90 -0.51	51.09 1.75 -0.68	47.16 1.69 -0.87	42.75 1.67 -0.48	38.90 1.53 0.00
MONTAUK___DIESEL 23721	42.20 2.49 -0.88	36.84 2.09 -0.50	34.90 1.45 -0.42	30.54 1.28 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.38 1.09 -0.36	39.01 1.41 -0.49	40.49 1.83 -1.25	39.79 2.08 -1.80	39.25 2.72 -1.16	40.75 3.05 -1.41	42.43 3.22 -1.36	43.06 3.28 -1.17	44.15 3.72 -0.84	46.55 3.38 -0.98	52.72 3.90 -1.24	61.35 3.82 -0.46	60.56 3.08 -0.41	57.28 2.49 -0.59	51.44 2.00 -0.77	47.29 1.69 -0.99	43.56 2.40 -0.55	39.76 2.39 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.65 1.83 -0.99	36.81 1.88 -0.67	35.45 1.85 -0.58	31.17 1.69 -0.33	32.45 1.49 -0.45	34.61 1.65 -0.53	36.40 1.83 -0.63	39.13 1.15 -0.87	39.57 1.27 -0.89	37.28 0.97 -0.40	37.73 1.59 -0.77	38.54 1.42 -0.84	39.76 1.36 -0.56	41.38 1.78 -1.00	41.50 1.23 -0.68	44.67 1.22 -1.25	49.80 0.57 -1.65	60.69 1.20 -2.42	61.90 1.94 -2.89	58.41 1.52 -2.68	52.29 1.51 -2.11	47.71 1.52 -1.59	42.43 1.38 -0.44	39.81 2.17 -0.27

MORRIS_RIDGE___SOLAR 323848	40.93 1.01 -1.09	36.08 1.10 -0.74	34.75 1.09 -0.64	30.50 0.99 -0.36	31.91 0.91 -0.49	34.02 1.01 -0.59	35.72 1.09 -0.69	38.51 0.45 -0.96	38.68 0.30 -0.98	36.28 -0.07 -0.44	36.49 0.28 -0.84	37.24 0.04 -0.92	39.02 0.57 -0.61	40.40 0.70 -1.10	40.38 0.04 -0.75	43.66 0.08 -1.38	49.77 0.38 -1.81	60.07 0.34 -2.66	60.87 0.63 -3.18	57.91 0.76 -2.95	51.67 0.68 -2.32	47.15 0.80 -1.74	41.95 0.85 -0.48	39.09 1.42 -0.30
MORTIMER_115KV_TB3 55949	40.45 0.70 -0.92	35.52 0.65 -0.62	34.15 0.59 -0.54	30.01 0.55 -0.30	31.38 0.46 -0.41	33.37 0.45 -0.49	35.13 0.61 -0.58	38.25 0.33 -0.81	38.49 0.26 -0.82	36.43 0.14 -0.37	36.54 0.46 -0.71	37.42 0.36 -0.78	38.74 0.38 -0.51	40.18 0.66 -0.92	40.66 0.44 -0.63	43.78 0.42 -1.16	49.19 0.10 -1.52	59.70 0.40 -2.24	60.48 0.74 -2.67	57.28 0.60 -2.48	51.20 0.58 -1.95	46.78 0.71 -1.47	41.54 0.53 -0.40	38.48 0.86 -0.25
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.50 1.79 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.35 1.05 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.65 1.96 -1.41	41.24 2.04 -1.36	41.70 1.93 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.01 1.64 0.00
MUNSVILLE_WIND_PWR 323609	43.20 3.14 -1.22	37.75 2.67 -0.82	36.31 2.58 -0.71	31.74 2.19 -0.40	33.44 2.38 -0.55	35.61 2.53 -0.66	37.43 2.72 -0.77	40.92 2.75 -1.07	40.96 2.47 -1.09	38.27 1.87 -0.49	38.08 1.77 -0.94	39.20 1.89 -1.03	40.46 1.93 -0.68	41.80 1.97 -1.22	42.13 1.70 -0.84	46.22 2.49 -1.54	52.98 3.38 -2.02	64.77 4.73 -2.97	65.69 5.08 -3.55	62.54 5.04 -3.29	55.78 4.53 -2.59	50.52 3.97 -1.95	44.40 3.25 -0.54	40.70 2.99 -0.34
N SALMON___HYD 24042	58.79 1.13 -18.83	51.46 0.99 -16.21	56.12 0.96 -22.14	47.56 0.85 -17.56	48.68 0.98 -17.20	55.97 1.13 -22.41	57.00 1.19 -21.88	57.91 1.45 -19.36	58.23 1.57 -19.25	53.12 1.51 -15.70	52.67 1.45 -15.85	53.39 1.49 -15.62	53.99 1.40 -14.74	40.26 1.35 -0.31	55.77 1.42 -14.75	47.91 1.52 -4.20	61.79 1.57 -12.65	67.49 1.66 -8.77	68.98 1.77 -10.14	66.68 1.57 -10.90	64.03 1.51 -13.85	61.93 1.25 -16.08	59.29 1.30 -17.38	57.20 1.01 -18.82
N.AKRON__115KV_KNAPP 355671	41.37 1.59 -0.94	36.36 1.47 -0.64	34.99 1.42 -0.55	30.80 1.34 -0.31	32.12 1.19 -0.42	34.13 1.20 -0.51	35.90 1.36 -0.60	38.75 0.82 -0.83	39.00 0.75 -0.84	36.80 0.50 -0.38	37.09 0.99 -0.73	37.84 0.76 -0.80	39.09 0.72 -0.53	40.75 1.20 -0.95	40.99 0.75 -0.65	44.14 0.76 -1.19	48.62 -0.52 -1.56	59.02 -0.34 -2.30	60.09 0.29 -2.74	56.80 0.05 -2.54	50.91 0.24 -2.00	46.78 0.67 -1.51	41.55 0.53 -0.41	39.05 1.42 -0.26
N.E_GEN_SANDY PD 24062	32.66 0.54 6.72	30.90 0.48 3.83	30.16 0.36 3.23	28.61 0.32 0.86	28.96 0.31 1.85	30.17 0.23 2.49	31.55 0.30 2.69	33.86 0.52 3.77	28.36 0.56 9.61	22.74 0.61 13.78	27.00 0.53 8.90	26.13 0.62 10.77	27.95 0.49 10.39	30.17 0.46 8.90	33.93 0.71 6.37	35.27 0.59 7.52	38.60 0.52 9.50	54.26 0.74 3.54	54.45 0.57 3.18	50.15 0.43 4.49	43.16 0.49 5.99	38.46 0.58 6.72	35.98 0.53 5.16	33.45 0.45 4.37
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.14 1.48 -0.83	36.06 1.34 -0.47	34.51 1.09 -0.40	30.13 0.87 -0.11	31.62 0.88 -0.23	33.57 0.84 -0.30	35.26 0.98 -0.34	38.76 1.19 -0.47	39.90 1.31 -1.19	39.02 1.40 -1.71	37.96 1.49 -1.10	39.36 1.74 -1.34	40.91 1.78 -1.29	41.41 1.70 -1.10	42.28 1.90 -0.79	44.86 1.73 -0.93	50.66 1.90 -1.18	59.39 1.88 -0.44	59.11 1.65 -0.39	56.23 1.46 -0.56	50.82 1.41 -0.74	46.94 1.38 -0.95	42.72 1.58 -0.52	38.79 1.42 0.00
N.QUEENS_27_KV_LOAD 356247	41.97 2.25 -0.88	36.75 1.99 -0.51	35.14 1.68 -0.43	30.73 1.46 -0.12	32.22 1.46 -0.25	34.08 1.33 -0.33	35.63 1.32 -0.37	39.13 1.52 -0.50	40.27 1.61 -1.26	39.51 1.80 -1.81	38.45 1.91 -1.17	39.95 2.25 -1.41	41.52 2.31 -1.36	41.94 2.16 -1.17	42.93 2.49 -0.84	45.46 2.28 -0.98	50.87 2.05 -1.25	59.47 1.94 -0.46	59.32 1.83 -0.43	56.47 1.68 -0.59	51.02 1.56 -0.80	47.40 1.78 -1.01	43.32 2.15 -0.56	39.51 2.13 -0.01
N.TROY___115KV_TB1 355778	38.38 0.54 0.99	34.16 0.48 0.57	32.98 0.43 0.48	29.43 0.41 0.13	30.63 0.40 0.27	32.45 0.39 0.36	33.97 0.44 0.41	37.15 0.59 0.56	36.54 0.56 1.42	34.37 0.50 2.04	34.33 0.28 1.32	35.05 0.36 1.59	36.65 0.34 1.54	37.64 0.35 1.32	39.12 0.48 0.94	41.55 0.46 1.11	46.88 0.71 1.41	57.40 0.86 0.52	57.39 0.80 0.47	54.30 0.76 0.66	48.56 0.78 0.89	44.22 0.76 1.14	40.68 0.69 0.62	37.82 0.45 0.00
NARROWS_GT1_1 24228	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT1_2 24229	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT1_3 24230	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT1_4 24231	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT1_5 24232	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01

NARROWS_GT1_6 24233	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT1_7 24234	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT1_8 24235	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_1 24236	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_2 24237	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_3 24238	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_4 24239	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_5 24240	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_6 24241	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_7 24242	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NARROWS_GT2_8 24243	41.85 2.13 -0.88	36.64 1.88 -0.51	35.01 1.55 -0.43	30.61 1.34 -0.12	32.10 1.34 -0.25	34.01 1.26 -0.33	35.63 1.32 -0.37	39.09 1.49 -0.49	40.04 1.38 -1.25	39.50 1.79 -1.80	38.47 1.94 -1.16	39.79 2.10 -1.41	41.17 1.97 -1.36	41.66 1.89 -1.16	42.72 2.30 -0.83	45.20 2.03 -0.98	50.15 1.33 -1.24	59.12 1.60 -0.45	58.72 1.25 -0.41	55.87 1.08 -0.58	50.56 1.12 -0.77	47.07 1.47 -1.00	43.03 1.87 -0.55	39.36 1.98 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.51 0.89 0.22	34.91 0.79 0.13	33.68 0.76 0.11	29.82 0.70 0.03	31.18 0.73 0.06	33.19 0.84 0.08	34.70 0.85 0.09	37.91 0.93 0.12	37.76 0.67 0.32	35.92 0.47 0.45	35.29 0.21 0.29	35.86 -0.07 0.35	37.39 -0.11 0.34	38.27 -0.04 0.29	39.50 0.12 0.21	42.20 0.25 0.25	47.88 0.62 0.31	57.86 0.91 0.12	57.98 1.03 0.10	55.14 1.08 0.15	49.39 0.92 0.20	45.15 0.80 0.25	41.17 0.69 0.14	37.52 0.15 0.00
NCHELSEA_115KV_TR2 355582	41.02 1.51 -0.67	36.01 1.37 -0.38	34.50 1.16 -0.32	30.26 1.02 -0.09	31.70 1.01 -0.19	33.64 0.97 -0.24	35.23 1.02 -0.28	38.68 1.19 -0.38	39.64 1.27 -0.96	38.62 1.33 -1.38	37.61 1.34 -0.89	38.92 1.56 -1.08	40.52 1.63 -1.04	41.08 1.58 -0.89	42.01 1.78 -0.64	44.68 1.73 -0.75	50.48 1.95 -0.95	59.42 2.00 -0.36	59.32 1.94 -0.32	56.44 1.79 -0.45	50.97 1.70 -0.60	46.98 1.61 -0.77	42.74 1.71 -0.42	38.86 1.49 0.00
NEG CAPITAL___MECHNVIL 23645	38.99 1.01 0.85	34.69 0.93 0.48	33.47 0.86 0.41	29.80 0.76 0.11	31.10 0.82 0.23	32.96 0.84 0.31	34.47 0.88 0.35	37.67 1.04 0.48	37.05 0.86 1.22	34.92 0.76 1.74	34.74 0.49 1.13	35.47 0.55 1.36	37.02 0.49 1.31	38.06 0.58 1.13	39.58 0.79 0.81	42.09 0.84 0.95	47.51 1.14 1.20	58.27 1.66 0.45	58.32 1.66 0.40	55.21 1.57 0.57	49.42 1.51 0.76	45.10 1.47 0.97	41.34 1.26 0.53	38.41 1.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.79 -0.15 -1.11	34.90 -0.10 -0.75	33.54 -0.13 -0.65	29.43 -0.09 -0.37	30.82 -0.18 -0.50	32.80 -0.23 -0.60	34.54 -0.10 -0.70	37.67 -0.41 -0.97	37.95 -0.45 -0.99	35.82 -0.54 -0.45	35.90 -0.32 -0.85	36.86 -0.36 -0.94	38.43 -0.04 -0.62	39.76 0.04 -1.11	40.03 -0.32 -0.76	43.30 -0.29 -1.40	49.32 -0.09 -1.84	59.42 -0.34 -2.70	60.00 -0.28 -3.22	57.14 -0.05 -2.99	50.77 -0.24 -2.35	46.24 -0.13 -1.77	40.94 -0.16 -0.49	37.71 0.04 -0.30

NEG CENTRAL___DRP 24199	42.21 0.54 -2.84	36.96 0.62 -2.09	35.85 0.59 -2.23	31.20 0.52 -1.52	32.75 0.52 -1.72	35.17 0.58 -2.16	36.90 0.64 -2.31	40.22 0.48 -2.63	40.44 0.37 -2.66	37.66 0.18 -1.57	37.91 0.28 -2.26	38.92 0.25 -2.38	39.84 0.19 -1.80	40.84 0.35 -1.89	41.91 0.28 -2.04	45.10 0.34 -2.56	51.75 0.43 -3.74	62.85 0.80 -4.99	64.20 1.20 -5.94	60.87 1.08 -5.58	54.26 0.92 -4.67	49.25 0.85 -3.80	42.98 0.65 -1.72	39.60 0.75 -1.49
NEG CENTRAL___INDECK 23768	42.06 2.17 -1.05	36.95 1.99 -0.71	35.52 1.88 -0.62	31.19 1.69 -0.35	32.66 1.68 -0.47	34.77 1.78 -0.57	36.68 2.07 -0.67	39.78 1.74 -0.92	39.81 1.46 -0.94	37.24 0.90 -0.43	37.24 1.06 -0.81	38.04 0.87 -0.89	39.87 1.44 -0.59	41.25 1.58 -1.06	41.42 1.11 -0.72	44.87 1.35 -1.33	51.47 2.14 -1.75	62.43 2.80 -2.57	63.38 3.25 -3.07	60.47 3.42 -2.84	53.72 2.82 -2.24	48.92 2.63 -1.68	43.35 2.27 -0.46	40.13 2.47 -0.29
NEG CENTRAL___SENECA 23627	41.06 0.82 -1.41	36.16 0.96 -0.95	34.74 0.89 -0.82	30.40 0.79 -0.47	31.93 0.79 -0.63	34.06 0.88 -0.76	35.82 0.98 -0.90	39.13 0.78 -1.24	39.30 0.64 -1.26	36.88 0.40 -0.57	36.99 0.53 -1.09	37.98 0.51 -1.19	39.01 0.38 -0.79	40.56 0.54 -1.42	41.00 0.44 -0.97	44.52 0.55 -1.78	50.49 0.57 -2.34	61.64 1.14 -3.44	62.77 1.60 -4.11	59.47 1.46 -3.81	52.93 1.27 -2.99	48.01 1.16 -2.25	42.13 0.89 -0.62	38.80 1.05 -0.39
NEG CENTRAL___STATE_STREET 24147	42.44 0.39 -3.22	36.99 0.38 -2.36	35.85 0.33 -2.50	31.13 0.29 -1.69	32.74 0.31 -1.93	35.19 0.36 -2.41	36.94 0.41 -2.60	40.38 0.30 -2.98	40.60 0.19 -3.01	37.73 0.07 -1.75	38.06 0.14 -2.55	39.13 0.15 -2.70	40.07 0.19 -2.03	41.03 0.23 -2.20	42.10 0.20 -2.31	45.46 0.30 -2.97	52.31 0.43 -4.30	63.63 0.80 -5.77	65.02 1.08 -6.88	61.69 1.03 -6.46	54.87 0.83 -5.37	49.72 0.76 -4.36	43.06 0.53 -1.92	39.57 0.56 -1.64
NEG MILLWOOD___DRP 24198	41.26 1.67 -0.76	36.16 1.47 -0.43	34.64 1.25 -0.36	30.35 1.11 -0.10	31.82 1.10 -0.21	33.77 1.07 -0.27	35.37 1.12 -0.31	38.83 1.30 -0.42	39.91 1.42 -1.08	38.97 1.51 -1.55	37.89 1.52 -1.00	39.27 1.78 -1.21	40.87 1.85 -1.17	41.38 1.78 -1.00	42.29 1.98 -0.72	44.94 1.90 -0.85	50.79 2.14 -1.07	59.69 2.23 -0.40	59.53 2.11 -0.36	56.61 1.90 -0.51	51.19 1.85 -0.68	47.21 1.74 -0.86	42.91 1.83 -0.47	38.98 1.61 0.00
NEG NORTH_FLCN_SEA 23793	43.83 1.05 -3.94	38.64 0.99 -3.40	38.59 0.92 -4.64	33.67 0.85 -3.68	35.06 0.95 -3.60	38.25 1.13 -4.69	39.71 1.19 -4.58	42.57 1.41 -4.05	42.97 1.53 -4.03	40.71 1.51 -3.29	40.10 1.41 -3.32	41.08 1.52 -3.27	42.33 1.40 -3.09	40.06 1.39 -0.06	44.11 1.43 -3.09	44.59 1.52 -0.88	51.27 1.05 -2.65	60.16 1.26 -1.84	60.33 1.14 -2.12	57.41 0.92 -2.28	52.39 0.83 -2.90	48.28 0.31 -3.37	44.90 0.65 -3.64	42.54 1.23 -3.94
NEG NORTH_KES_CHATEGAY 23792	47.28 0.78 -7.67	41.58 0.72 -6.61	42.71 0.66 -9.02	36.89 0.58 -7.16	38.19 0.67 -7.01	42.40 0.84 -9.13	43.70 0.85 -8.92	46.04 1.04 -7.89	46.37 1.12 -7.85	43.42 1.11 -6.40	42.89 1.06 -6.46	43.77 1.12 -6.37	44.88 1.02 -6.01	39.73 1.00 -0.13	46.63 1.03 -6.01	45.00 1.10 -1.71	53.73 1.00 -5.15	61.84 1.20 -3.57	62.34 1.14 -4.13	59.62 0.98 -4.44	55.19 0.88 -5.65	51.60 0.45 -6.55	48.14 0.45 -7.08	45.64 0.60 -7.67
NEG NORTH___ALICE_FALLS 23915	44.66 1.20 -4.62	39.36 1.13 -3.98	39.51 1.06 -5.43	34.39 0.93 -4.31	35.79 1.07 -4.22	39.19 1.26 -5.50	40.63 1.32 -5.37	43.41 1.56 -4.75	43.81 1.68 -4.72	41.41 1.65 -3.85	40.81 1.56 -3.89	41.78 1.67 -3.83	42.98 1.51 -3.62	40.19 1.51 -0.08	44.75 1.54 -3.62	44.87 1.65 -1.03	52.10 1.43 -3.10	60.93 1.71 -2.15	61.20 1.65 -2.49	58.23 1.36 -2.67	53.38 1.31 -3.40	49.26 0.71 -3.94	45.73 0.85 -4.26	43.26 1.27 -4.62
NEG NORTH___LWR_SARANAC 23913	44.66 1.20 -4.62	39.36 1.13 -3.98	39.51 1.06 -5.43	34.39 0.93 -4.31	35.79 1.07 -4.22	39.19 1.26 -5.50	40.63 1.32 -5.37	43.41 1.56 -4.75	43.81 1.68 -4.72	41.41 1.65 -3.85	40.81 1.56 -3.89	41.78 1.67 -3.83	42.98 1.51 -3.62	40.19 1.51 -0.08	44.75 1.54 -3.62	44.87 1.65 -1.03	52.10 1.43 -3.10	60.93 1.71 -2.15	61.20 1.65 -2.49	58.23 1.36 -2.67	53.38 1.31 -3.40	49.26 0.71 -3.94	45.73 0.85 -4.26	43.26 1.27 -4.62
NEG NORTH___PLATTSBURG 23628	44.66 1.21 -4.62	39.36 1.13 -3.98	39.51 1.06 -5.43	34.39 0.93 -4.31	35.79 1.07 -4.22	39.18 1.26 -5.50	40.63 1.32 -5.37	43.41 1.56 -4.75	43.85 1.72 -4.72	41.41 1.65 -3.85	40.81 1.55 -3.89	41.75 1.63 -3.83	43.01 1.55 -3.62	40.18 1.50 -0.08	44.75 1.54 -3.62	44.92 1.69 -1.03	52.10 1.43 -3.10	60.81 1.60 -2.15	61.21 1.66 -2.49	58.29 1.41 -2.67	53.38 1.31 -3.40	49.70 1.16 -3.94	46.50 1.63 -4.26	43.22 1.23 -4.62
NEG WEST_LEA_LOCKPORT 23791	40.48 0.70 -0.95	35.65 0.75 -0.64	34.34 0.76 -0.56	30.25 0.79 -0.31	31.52 0.58 -0.43	33.55 0.62 -0.51	35.09 0.54 -0.60	37.68 0.26 -0.83	38.07 -0.19 -0.85	35.97 -0.32 -0.39	36.39 0.28 -0.73	37.09 0.00 -0.80	38.26 -0.11 -0.53	39.95 0.39 -0.96	40.09 -0.16 -0.65	43.06 -0.34 -1.20	47.77 -1.38 -1.58	57.90 -1.48 -2.32	58.97 -0.86 -2.77	55.58 -1.19 -2.57	50.00 -0.68 -2.02	45.99 -0.13 -1.52	40.95 -0.08 -0.42	38.60 0.97 -0.26
NEG WEST___LANCASTR 23811	40.29 0.47 -0.99	35.61 0.69 -0.67	34.33 0.73 -0.58	30.12 0.64 -0.33	31.41 0.46 -0.44	33.51 0.55 -0.53	35.18 0.61 -0.63	37.65 -0.33 -0.87	38.07 -0.22 -0.89	35.85 -0.47 -0.40	36.24 0.11 -0.77	37.05 -0.07 -0.84	38.17 -0.23 -0.55	39.76 0.15 -1.00	39.88 -0.40 -0.68	42.94 -0.51 -1.25	47.89 -1.33 -1.65	58.29 -1.20 -2.42	59.49 -0.46 -2.89	56.12 -0.76 -2.68	50.34 -0.44 -2.11	46.01 -0.18 -1.59	40.89 -0.16 -0.44	38.58 0.93 -0.27
NEG_PENN_ALLEGHNY 23528	40.79 0.74 -1.22	35.82 0.75 -0.82	34.46 0.73 -0.71	30.16 0.61 -0.40	31.66 0.61 -0.54	33.76 0.68 -0.65	35.42 0.71 -0.77	38.69 0.52 -1.07	39.02 0.52 -1.09	36.76 0.36 -0.49	36.80 0.49 -0.94	37.82 0.51 -1.03	39.21 0.68 -0.68	40.52 0.70 -1.22	40.98 0.55 -0.83	44.32 0.59 -1.53	50.40 0.81 -2.02	61.05 1.03 -2.96	61.68 1.08 -3.54	58.57 1.08 -3.28	52.17 0.92 -2.58	47.48 0.94 -1.94	41.96 0.81 -0.53	38.67 0.97 -0.33
NEG___GEN_MONROE 24207	40.72 0.97 -0.92	35.80 0.92 -0.62	34.45 0.89 -0.54	30.27 0.82 -0.30	31.65 0.73 -0.41	33.63 0.71 -0.49	35.34 0.81 -0.58	38.36 0.45 -0.81	38.60 0.37 -0.82	36.50 0.22 -0.37	36.61 0.53 -0.71	37.46 0.40 -0.78	38.74 0.38 -0.51	40.22 0.69 -0.92	40.66 0.44 -0.63	43.78 0.42 -1.16	49.01 -0.10 -1.53	59.53 0.23 -2.24	60.37 0.63 -2.68	57.23 0.54 -2.48	51.20 0.58 -1.95	46.74 0.67 -1.47	41.59 0.57 -0.40	38.67 1.05 -0.25
NEPA___ENERGY 23901	40.95 1.13 -0.99	36.29 1.37 -0.67	34.96 1.35 -0.58	30.64 1.17 -0.33	31.99 1.04 -0.44	34.12 1.17 -0.53	35.82 1.26 -0.63	38.50 0.52 -0.87	38.93 0.64 -0.89	36.67 0.36 -0.40	37.05 0.92 -0.76	37.88 0.76 -0.84	39.04 0.64 -0.55	40.60 1.00 -0.99	40.75 0.48 -0.68	43.82 0.38 -1.25	48.89 -0.33 -1.64	59.53 0.06 -2.41	60.80 0.86 -2.88	57.36 0.49 -2.67	51.45 0.68 -2.10	47.03 0.85 -1.58	41.82 0.77 -0.43	39.29 1.64 -0.27

NEVERSINK___HYD 23608	41.17 1.75 -0.59	36.16 1.58 -0.33	34.66 1.35 -0.28	30.39 1.17 -0.07	31.86 1.19 -0.16	33.80 1.17 -0.21	35.40 1.22 -0.24	38.81 1.37 -0.33	39.63 1.38 -0.84	38.48 1.36 -1.21	37.53 1.38 -0.78	38.71 1.49 -0.94	40.23 1.47 -0.91	40.89 1.50 -0.78	41.93 1.78 -0.56	44.67 1.81 -0.66	50.40 2.00 -0.83	59.88 2.51 -0.31	59.74 2.40 -0.28	56.87 2.28 -0.39	51.28 2.09 -0.52	47.28 2.01 -0.67	42.93 1.95 -0.37	39.16 1.79 0.00
NEWKRMKL_115KV_TB1 55635	38.09 -0.16 0.59	33.78 -0.14 0.34	32.61 -0.13 0.28	28.99 -0.09 0.08	30.26 -0.09 0.16	32.11 -0.10 0.21	33.59 -0.10 0.24	36.74 -0.04 0.33	36.48 -0.07 0.84	34.63 -0.07 1.21	34.41 -0.18 0.78	35.12 -0.22 0.95	36.63 -0.30 0.91	37.44 -0.39 0.78	38.79 -0.24 0.56	41.20 -0.34 0.66	46.45 -0.29 0.84	56.30 -0.46 0.31	56.27 -0.51 0.28	53.32 -0.49 0.39	47.75 -0.39 0.53	43.66 -0.27 0.67	40.04 -0.20 0.37	37.03 -0.34 0.00
NEWTON___FALLS_HYD 23847	75.52 0.78 -35.91	65.72 0.69 -30.78	75.66 0.86 -41.78	62.89 0.70 -33.04	63.78 0.82 -32.44	75.58 0.91 -42.25	76.22 0.95 -41.33	74.99 1.08 -36.80	75.04 1.01 -36.62	66.32 0.79 -29.62	66.10 0.57 -30.17	66.63 0.54 -29.81	66.29 0.49 -27.95	40.36 0.42 -1.33	68.01 0.36 -28.06	51.49 0.51 -8.79	73.06 0.62 -24.87	76.13 0.86 -18.21	79.29 1.08 -21.14	77.74 1.14 -22.40	77.11 0.97 -27.47	76.82 0.98 -31.24	74.21 0.81 -32.79	73.35 0.64 -35.34
NGRID_A1_DSASP 323792	40.56 0.78 -0.95	35.75 0.86 -0.64	34.43 0.86 -0.55	30.34 0.87 -0.31	31.58 0.64 -0.42	33.62 0.68 -0.51	34.88 0.34 -0.60	37.09 -0.85 -0.83	37.54 -0.71 -0.85	35.43 -0.86 -0.38	35.82 -0.28 -0.73	36.58 -0.51 -0.80	38.56 0.19 -0.53	39.90 0.35 -0.95	39.57 -0.67 -0.65	42.55 -0.84 -1.19	48.29 -0.85 -1.57	57.26 -2.11 -2.31	57.71 -2.11 -2.76	54.97 -1.79 -2.56	49.22 -1.46 -2.01	45.18 -0.94 -1.51	40.50 -0.53 -0.42	38.75 1.12 -0.26
NGRID_A2_DSASP 323793	40.56 0.78 -0.95	35.75 0.86 -0.64	34.43 0.86 -0.55	30.34 0.87 -0.31	31.58 0.64 -0.42	33.62 0.68 -0.51	34.88 0.34 -0.60	37.09 -0.85 -0.83	37.54 -0.71 -0.85	35.43 -0.86 -0.38	35.82 -0.28 -0.73	36.58 -0.51 -0.80	38.56 0.19 -0.53	39.90 0.35 -0.95	39.57 -0.67 -0.65	42.55 -0.84 -1.19	48.29 -0.85 -1.57	57.26 -2.11 -2.31	57.71 -2.11 -2.76	54.97 -1.79 -2.56	49.22 -1.46 -2.01	45.18 -0.94 -1.51	40.50 -0.53 -0.42	38.75 1.12 -0.26
NGRID_A4_DSASP 323807	40.56 0.78 -0.95	35.75 0.86 -0.64	34.43 0.86 -0.55	30.34 0.87 -0.31	31.58 0.64 -0.42	33.62 0.68 -0.51	34.88 0.34 -0.60	37.09 -0.85 -0.83	37.54 -0.71 -0.85	35.43 -0.86 -0.38	35.82 -0.28 -0.73	36.58 -0.51 -0.80	38.56 0.19 -0.53	39.90 0.35 -0.95	39.57 -0.67 -0.65	42.55 -0.84 -1.19	48.29 -0.85 -1.57	57.26 -2.11 -2.31	57.71 -2.11 -2.76	54.97 -1.79 -2.56	49.22 -1.46 -2.01	45.18 -0.94 -1.51	40.50 -0.53 -0.42	38.75 1.12 -0.26
NIAGARA_115E_LBMP 323715	39.90 0.12 -0.95	35.17 0.27 -0.64	33.91 0.33 -0.56	29.87 0.41 -0.31	31.12 0.18 -0.43	33.13 0.20 -0.51	34.65 0.10 -0.61	37.16 -0.78 -0.83	37.58 -0.67 -0.85	35.47 -0.82 -0.39	35.82 -0.28 -0.73	36.61 -0.47 -0.80	38.61 0.23 -0.53	39.95 0.39 -0.96	39.61 -0.63 -0.65	42.59 -0.80 -1.20	48.25 -0.91 -1.58	57.33 -2.05 -2.32	57.83 -2.00 -2.77	55.04 -1.74 -2.57	49.27 -1.41 -2.02	45.32 -0.80 -1.52	40.59 -0.45 -0.42	38.15 0.52 -0.26
NIAGARA_115W_LBMP 323714	40.52 0.74 -0.95	35.71 0.82 -0.64	34.40 0.83 -0.55	30.31 0.85 -0.31	31.54 0.61 -0.42	33.58 0.65 -0.51	34.81 0.27 -0.60	36.97 -0.97 -0.83	37.43 -0.82 -0.85	35.36 -0.93 -0.38	35.71 -0.39 -0.73	36.47 -0.62 -0.80	38.45 0.08 -0.53	39.79 0.23 -0.95	39.49 -0.75 -0.65	42.46 -0.93 -1.19	48.15 -1.00 -1.57	57.09 -2.28 -2.31	57.59 -2.23 -2.76	54.81 -1.95 -2.55	49.12 -1.56 -2.01	45.09 -1.02 -1.51	40.38 -0.65 -0.42	38.71 1.08 -0.26
NIAGARA_230_LBMP 323716	40.32 0.54 -0.94	35.53 0.65 -0.63	34.23 0.66 -0.55	30.13 0.67 -0.31	31.39 0.46 -0.42	33.42 0.49 -0.51	34.98 0.44 -0.60	37.49 -0.44 -0.82	37.95 -0.30 -0.84	35.82 -0.47 -0.38	36.17 0.07 -0.73	36.93 -0.14 -0.80	38.94 0.57 -0.53	40.24 0.70 -0.94	39.96 -0.28 -0.65	42.96 -0.42 -1.19	48.75 -0.38 -1.56	57.87 -1.48 -2.29	58.37 -1.42 -2.74	55.60 -1.14 -2.54	49.79 -0.87 -2.00	45.70 -0.40 -1.50	40.94 -0.08 -0.41	38.52 0.90 -0.26
NIAGARA___115KV_198_GIBSON 55903	40.52 0.74 -0.95	35.71 0.82 -0.64	34.40 0.83 -0.55	30.31 0.85 -0.31	31.54 0.61 -0.42	33.58 0.65 -0.51	34.78 0.24 -0.60	36.97 -0.96 -0.83	37.39 -0.86 -0.85	35.36 -0.93 -0.38	35.78 -0.32 -0.73	36.47 -0.62 -0.80	37.58 -0.79 -0.53	39.32 -0.23 -0.95	39.41 -0.83 -0.65	42.29 -1.10 -1.19	46.82 -2.33 -1.57	56.63 -2.74 -2.31	57.65 -2.17 -2.76	54.37 -2.39 -2.55	48.97 -1.70 -2.01	45.04 -1.07 -1.51	40.14 -0.89 -0.42	38.64 1.01 -0.26
NIAGARA____ 23760	40.33 0.54 -0.95	35.54 0.65 -0.64	34.24 0.66 -0.56	30.13 0.67 -0.31	31.39 0.46 -0.43	33.42 0.49 -0.51	34.98 0.44 -0.60	37.50 -0.44 -0.83	37.95 -0.30 -0.85	35.83 -0.47 -0.38	36.17 0.07 -0.73	36.94 -0.14 -0.80	38.94 0.57 -0.53	40.25 0.70 -0.95	39.97 -0.28 -0.65	42.97 -0.42 -1.19	48.76 -0.38 -1.57	57.89 -1.48 -2.30	58.39 -1.42 -2.75	55.62 -1.14 -2.55	49.80 -0.87 -2.01	45.71 -0.40 -1.51	40.95 -0.08 -0.42	38.53 0.90 -0.26
NINE_MILE_1 23575	24.81 -0.85 13.17	24.63 -0.75 8.87	24.61 -0.73 7.69	24.15 -0.64 4.35	23.94 -0.67 5.90	24.63 -0.71 7.08	24.82 -0.75 8.37	24.68 -0.89 11.54	24.68 -0.93 11.79	29.64 -0.93 5.33	24.33 -0.88 10.16	24.25 -0.91 11.13	29.62 -0.87 7.35	24.54 -0.85 13.22	29.61 -0.95 9.03	24.59 -1.01 16.59	24.68 -1.05 21.85	23.76 -1.26 32.05	17.50 -1.26 38.30	17.56 -1.14 35.51	19.71 -1.02 27.93	22.64 -0.94 21.02	33.94 -0.89 5.78	33.00 -0.75 3.62
NINE_MILE_2 23744	24.59 -0.85 13.39	24.48 -0.75 9.02	24.48 -0.73 7.82	24.08 -0.64 4.43	23.84 -0.67 6.00	24.51 -0.71 7.20	24.68 -0.75 8.51	24.48 -0.89 11.74	24.48 -0.93 11.99	29.55 -0.93 5.42	24.16 -0.88 10.33	24.06 -0.91 11.32	29.50 -0.87 7.48	24.31 -0.85 13.45	29.45 -0.95 9.19	24.31 -1.01 16.87	24.31 -1.05 22.22	23.21 -1.26 32.60	16.85 -1.26 38.96	16.95 -1.14 36.11	19.23 -1.02 28.41	22.28 -0.94 21.38	33.84 -0.89 5.88	32.94 -0.75 3.68
NM_CAPITAL___DRP 24208	38.10 -0.08 0.66	33.81 -0.07 0.37	32.61 -0.10 0.32	29.04 -0.03 0.08	30.27 -0.06 0.18	32.12 -0.06 0.24	33.64 -0.03 0.27	36.78 0.04 0.37	36.46 0.00 0.94	34.56 0.00 1.35	34.39 -0.11 0.87	35.12 -0.11 1.05	36.64 -0.19 1.02	37.46 -0.27 0.87	38.85 -0.12 0.62	41.25 -0.21 0.74	46.50 -0.14 0.93	56.43 -0.29 0.35	56.35 -0.40 0.31	53.39 -0.38 0.44	47.84 -0.24 0.59	43.67 -0.18 0.75	40.12 -0.08 0.41	37.11 -0.26 0.00
NM_CENTRAL___DRP 24181	41.96 -0.12 -3.25	36.63 -0.10 -2.48	35.75 -0.10 -2.83	31.08 -0.09 -2.02	32.60 -0.09 -2.19	35.10 -0.10 -2.77	36.73 -0.10 -2.89	39.97 -0.22 -3.08	40.25 -0.26 -3.11	37.58 -0.32 -1.99	37.70 -0.28 -2.61	38.75 -0.25 -2.72	39.78 -0.23 -2.17	40.12 -0.19 -1.71	41.77 -0.20 -2.38	44.44 -0.21 -2.46	51.17 -0.24 -3.83	61.70 -0.17 -4.80	62.78 0.00 -5.71	59.63 0.00 -5.42	53.32 -0.05 -4.71	48.62 0.00 -4.01	42.72 -0.08 -2.19	39.36 -0.04 -2.03

NM_FRONTIER___DRP 24179	40.52 0.74 -0.95	35.71 0.82 -0.64	34.40 0.83 -0.55	30.31 0.85 -0.31	31.54 0.61 -0.42	33.58 0.65 -0.51	34.78 0.24 -0.60	36.97 -0.96 -0.83	37.39 -0.86 -0.85	35.36 -0.93 -0.38	35.78 -0.32 -0.73	36.47 -0.62 -0.80	37.58 -0.79 -0.53	39.32 -0.23 -0.95	39.41 -0.83 -0.65	42.29 -1.10 -1.19	46.82 -2.33 -1.57	56.63 -2.74 -2.31	57.65 -2.17 -2.76	54.37 -2.39 -2.55	48.97 -1.70 -2.01	45.04 -1.07 -1.51	40.14 -0.89 -0.42	38.64 1.01 -0.26
NM_ST_REGIS___HYD 24053	85.15 0.89 -45.42	74.05 0.75 -39.05	87.02 0.79 -53.20	71.97 0.67 -42.15	72.61 0.79 -41.31	87.16 0.91 -53.83	87.48 0.95 -52.59	84.90 1.15 -46.64	85.00 1.20 -46.40	74.78 1.15 -37.72	74.63 1.06 -38.20	75.03 1.05 -37.69	74.35 1.02 -35.49	40.68 0.97 -1.11	76.14 0.99 -35.56	53.80 1.10 -10.51	79.54 1.09 -30.87	80.14 1.20 -21.87	83.61 1.20 -25.35	82.43 1.14 -27.08	83.57 0.97 -33.93	84.52 0.85 -39.07	83.22 0.85 -41.76	83.32 0.82 -45.13
NORTHPORT___1 23551	41.65 1.94 -0.88	36.36 1.61 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.33 0.58 -0.24	33.23 0.49 -0.32	35.01 0.71 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.40 1.87 -1.16	39.47 1.78 -1.41	40.73 1.52 -1.36	41.40 1.62 -1.17	42.49 2.06 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.88 0.40 -0.41	55.01 0.22 -0.59	49.69 0.24 -0.77	45.91 0.31 -0.99	41.97 0.81 -0.55	38.83 1.46 0.00
NORTHPORT___2 23552	41.65 1.94 -0.88	36.36 1.61 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.33 0.58 -0.24	33.23 0.49 -0.32	35.01 0.71 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.40 1.87 -1.16	39.47 1.78 -1.41	40.73 1.52 -1.36	41.40 1.62 -1.17	42.49 2.06 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.88 0.40 -0.41	55.01 0.22 -0.59	49.69 0.24 -0.77	45.91 0.31 -0.99	41.97 0.81 -0.55	38.83 1.46 0.00
NORTHPORT___3 23553	41.27 1.55 -0.88	36.05 1.30 -0.50	34.17 0.73 -0.42	29.84 0.58 -0.11	31.09 0.34 -0.24	32.97 0.23 -0.32	34.71 0.41 -0.36	38.19 0.59 -0.49	39.52 0.86 -1.25	38.82 1.11 -1.80	38.08 1.55 -1.16	39.11 1.41 -1.41	40.08 0.87 -1.36	40.62 0.85 -1.17	41.54 1.11 -0.84	43.42 0.25 -0.97	48.66 -0.14 -1.23	57.12 -0.40 -0.45	56.61 -0.85 -0.41	53.86 -0.92 -0.58	48.65 -0.78 -0.77	45.01 -0.58 -0.99	41.00 -0.16 -0.55	38.45 1.08 0.00
NORTHPORT___4 23650	41.27 1.55 -0.88	36.05 1.30 -0.50	34.17 0.73 -0.42	29.84 0.58 -0.11	31.09 0.34 -0.24	32.97 0.23 -0.32	34.71 0.41 -0.36	38.19 0.59 -0.49	39.52 0.86 -1.25	38.82 1.11 -1.80	38.08 1.55 -1.16	39.11 1.41 -1.41	40.08 0.87 -1.36	40.62 0.85 -1.17	41.54 1.11 -0.84	43.42 0.25 -0.97	48.66 -0.14 -1.23	57.12 -0.40 -0.45	56.61 -0.85 -0.41	53.86 -0.92 -0.58	48.65 -0.78 -0.77	45.01 -0.58 -0.99	41.00 -0.16 -0.55	38.45 1.08 0.00
NORTHPORT___IC 23718	41.65 1.94 -0.88	36.36 1.61 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.33 0.58 -0.24	33.23 0.49 -0.32	35.01 0.71 -0.36	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.40 1.87 -1.16	39.80 2.10 -1.41	41.33 2.12 -1.36	41.74 1.97 -1.17	42.65 2.22 -0.84	44.78 1.60 -0.98	50.62 1.81 -1.24	59.01 1.48 -0.46	58.45 0.97 -0.41	55.44 0.65 -0.59	50.03 0.58 -0.77	46.13 0.54 -0.99	42.62 1.46 -0.55	38.90 1.53 0.00
NORTH___COUNTRY_ESR 323785	47.25 0.66 -7.75	41.55 0.62 -6.68	42.74 0.60 -9.12	36.91 0.53 -7.23	38.20 0.61 -7.08	42.40 0.75 -9.23	43.73 0.78 -9.01	46.04 0.96 -7.97	46.38 1.05 -7.93	43.42 1.04 -6.47	42.88 0.99 -6.53	43.73 1.01 -6.43	44.90 0.98 -6.07	39.66 0.92 -0.13	46.62 0.95 -6.08	44.98 1.06 -1.73	53.68 0.90 -5.21	61.59 0.91 -3.61	62.21 0.97 -4.18	59.51 0.81 -4.49	55.10 0.73 -5.70	51.76 0.54 -6.62	48.54 0.77 -7.16	45.60 0.48 -7.75
NPX_GEN_1385_PROXY 323591	41.65 1.94 -0.88	36.36 1.61 -0.50	34.50 1.06 -0.42	30.11 0.85 -0.11	31.33 0.58 -0.24	33.18 0.49 -0.26	35.07 0.71 -0.41	38.53 0.93 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.40 1.87 -1.16	39.47 1.78 -1.41	40.73 1.52 -1.36	41.40 1.62 -1.17	42.49 2.06 -0.84	44.36 1.18 -0.98	49.77 0.95 -1.24	58.39 0.86 -0.46	57.88 0.40 -0.41	55.01 0.22 -0.59	49.69 0.24 -0.77	46.86 0.31 -1.95	41.02 0.81 0.41	38.83 1.46 0.00
NPX_GEN_CSC 323557	41.30 1.59 -0.88	36.02 1.27 -0.50	34.10 0.66 -0.42	29.76 0.50 -0.11	30.90 0.15 -0.24	32.72 0.03 -0.26	34.62 0.27 -0.41	38.08 0.48 -0.49	39.41 0.75 -1.25	38.71 1.00 -1.80	38.05 1.52 -1.16	39.00 1.30 -1.41	40.23 1.02 -1.36	40.97 1.20 -1.17	42.17 1.74 -0.84	44.10 0.93 -0.98	49.57 0.76 -1.24	58.16 0.63 -0.46	57.53 0.06 -0.41	54.63 -0.16 -0.59	49.34 -0.10 -0.77	46.46 -0.09 -1.95	40.53 0.32 0.41	38.45 1.08 0.00
NSINS_S_GLNS_FALLS 23858	38.84 0.74 0.73	34.62 0.79 0.42	33.43 0.76 0.35	29.70 0.64 0.09	31.04 0.73 0.20	32.87 0.71 0.27	34.35 0.71 0.30	37.48 0.78 0.41	36.88 0.52 1.05	34.80 0.40 1.51	34.47 0.07 0.97	35.18 0.07 1.18	36.78 0.08 1.14	37.82 0.19 0.97	39.21 0.32 0.70	41.75 0.38 0.82	47.44 0.90 1.04	57.93 1.26 0.39	58.14 1.43 0.35	55.12 1.41 0.49	49.32 1.31 0.66	45.14 1.38 0.84	41.37 1.22 0.46	38.30 0.93 0.00
NUCOR_STEEL___DRP 24197	42.60 0.43 -3.34	37.12 0.41 -2.45	35.98 0.36 -2.59	31.22 0.32 -1.75	32.84 0.34 -2.00	35.31 0.39 -2.50	37.04 0.41 -2.69	40.50 0.30 -3.09	40.76 0.22 -3.13	37.80 0.07 -1.82	38.16 0.14 -2.65	39.27 0.18 -2.81	40.18 0.23 -2.11	41.20 0.31 -2.29	42.27 0.28 -2.40	45.63 0.34 -3.09	52.48 0.43 -4.48	63.76 0.68 -6.01	65.20 0.97 -7.17	61.86 0.92 -6.73	55.04 0.78 -5.60	49.85 0.71 -4.54	43.17 0.57 -1.99	39.63 0.56 -1.70
NUMBER_THREE_WT_PWR 323818	55.66 0.62 -16.21	48.68 0.65 -13.78	52.53 0.99 -18.51	44.53 0.82 -14.56	45.83 0.95 -14.37	52.12 1.01 -18.69	53.37 1.09 -18.35	54.82 1.19 -16.52	54.87 1.01 -16.45	49.71 0.68 -13.12	49.19 0.25 -13.57	49.96 0.22 -13.46	50.40 0.08 -12.48	39.78 0.00 -1.18	52.08 -0.12 -12.61	46.89 0.13 -4.57	59.75 0.38 -11.80	67.28 0.86 -9.36	69.12 1.14 -10.92	66.84 1.30 -11.34	62.99 1.12 -13.20	60.11 0.98 -14.53	55.82 0.69 -14.51	53.31 0.41 -15.53
NYISO_LBMP_REFERENCE 24008	38.83 0.00 0.00	34.25 0.00 0.00	33.02 0.00 0.00	29.15 0.00 0.00	30.51 0.00 0.00	32.42 0.00 0.00	33.94 0.00 0.00	37.11 0.00 0.00	37.40 0.00 0.00	35.91 0.00 0.00	35.37 0.00 0.00	36.28 0.00 0.00	37.85 0.00 0.00	38.60 0.00 0.00	39.59 0.00 0.00	42.20 0.00 0.00	47.58 0.00 0.00	57.07 0.00 0.00	57.06 0.00 0.00	54.21 0.00 0.00	48.67 0.00 0.00	44.60 0.00 0.00	40.61 0.00 0.00	37.37 0.00 0.00
NYPA_BRENTWD____GT 24164	42.00 2.29 -0.88	36.67 1.92 -0.50	34.73 1.29 -0.42	30.31 1.05 -0.11	31.51 0.76 -0.24	33.46 0.71 -0.32	35.25 0.95 -0.36	38.79 1.19 -0.49	40.11 1.46 -1.25	39.40 1.69 -1.80	38.72 2.19 -1.16	39.76 2.07 -1.41	41.03 1.82 -1.36	41.74 1.97 -1.17	42.89 2.46 -0.84	44.87 1.69 -0.98	50.34 1.52 -1.24	59.07 1.54 -0.46	58.50 1.03 -0.41	55.61 0.81 -0.59	50.27 0.83 -0.77	46.35 0.76 -0.99	42.30 1.14 -0.55	39.16 1.79 0.00

NYPA_GOWANUS____GT5 24156	41.85	36.64	35.01	30.61	32.10	34.01	35.63	39.09	40.04	39.50	38.47	39.79	41.17	41.66	42.72	45.20	50.15	59.12	58.72	55.87	50.51	47.07	43.03	39.36
	2.13	1.88	1.55	1.34	1.34	1.26	1.32	1.49	1.38	1.79	1.94	2.10	1.97	1.89	2.30	2.03	1.33	1.60	1.25	1.08	1.07	1.47	1.87	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.33	-0.37	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	-0.01
NYPA_GOWANUS____GT6 24157	41.85	36.64	35.01	30.61	32.10	34.01	35.63	39.09	40.04	39.50	38.47	39.79	41.17	41.66	42.72	45.20	50.15	59.12	58.72	55.87	50.51	47.07	43.03	39.36
	2.13	1.88	1.55	1.34	1.34	1.26	1.32	1.49	1.38	1.79	1.94	2.10	1.97	1.89	2.30	2.03	1.33	1.60	1.25	1.08	1.07	1.47	1.87	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.33	-0.37	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	-0.01
NYPA_HARLEM__RVR__GT1 24160	41.85	36.64	35.04	30.64	32.13	33.98	35.52	38.98	40.13	39.40	38.33	39.73	41.17	41.66	42.76	45.20	50.19	59.23	58.95	56.08	50.66	47.12	43.07	39.36
	2.13	1.88	1.59	1.37	1.37	1.23	1.22	1.37	1.46	1.69	1.80	2.03	1.97	1.89	2.34	2.03	1.38	1.71	1.48	1.30	1.22	1.52	1.91	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.32	-0.36	-0.49	-1.27	-1.80	-1.16	-1.42	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.78	-1.00	-0.55	-0.01
NYPA_HARLEM__RVR__GT2 24161	41.85	36.64	35.04	30.64	32.13	33.98	35.52	38.98	40.13	39.40	38.33	39.73	41.17	41.66	42.76	45.20	50.19	59.23	58.95	56.08	50.66	47.12	43.07	39.36
	2.13	1.88	1.59	1.37	1.37	1.23	1.22	1.37	1.46	1.69	1.80	2.03	1.97	1.89	2.34	2.03	1.38	1.71	1.48	1.30	1.22	1.52	1.91	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.32	-0.36	-0.49	-1.27	-1.80	-1.16	-1.42	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.78	-1.00	-0.55	-0.01
NYPA_KENT____GT 24152	41.85	36.64	35.01	30.61	32.10	34.01	35.63	39.09	40.04	39.50	38.47	39.79	41.17	41.66	42.72	45.20	50.10	59.06	58.67	55.81	50.51	47.07	43.03	39.36
	2.13	1.88	1.55	1.34	1.34	1.26	1.32	1.49	1.38	1.79	1.94	2.10	1.97	1.89	2.30	2.03	1.29	1.54	1.20	1.03	1.07	1.47	1.87	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.33	-0.37	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	-0.01
NYPA_POUCH1____GT 24155	41.81	36.64	35.04	30.64	32.13	34.01	35.63	39.09	40.00	39.50	38.44	39.76	41.09	41.58	42.64	45.08	50.00	58.95	58.55	55.65	50.36	46.90	42.99	39.36
	2.10	1.88	1.59	1.37	1.37	1.26	1.32	1.49	1.34	1.79	1.91	2.07	1.89	1.81	2.22	1.90	1.19	1.43	1.08	0.86	0.92	1.29	1.83	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.33	-0.37	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	-0.01
NYPA_VERNON____GT2 24162	41.57	36.40	34.77	30.43	31.91	33.78	35.38	38.90	40.08	39.36	38.30	39.65	41.09	41.58	42.64	45.16	50.29	59.23	58.90	56.03	50.66	47.03	42.83	39.09
	1.86	1.64	1.32	1.17	1.16	1.04	1.09	1.30	1.42	1.65	1.77	1.96	1.89	1.81	2.22	1.98	1.48	1.71	1.43	1.25	1.22	1.43	1.67	1.72
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	0.00
NYPA_VERNON____GT3 24163	41.57	36.40	34.77	30.43	31.91	33.78	35.38	38.90	40.08	39.36	38.30	39.65	41.09	41.58	42.64	45.16	50.29	59.23	58.90	56.03	50.66	47.03	42.83	39.09
	1.86	1.64	1.32	1.17	1.16	1.04	1.09	1.30	1.42	1.65	1.77	1.96	1.89	1.81	2.22	1.98	1.48	1.71	1.43	1.25	1.22	1.43	1.67	1.72
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	0.00
NYPA____ASTORIA_CC1 323568	41.54	36.36	34.77	30.40	31.88	33.75	35.35	38.86	40.00	39.29	38.23	39.57	41.05	41.51	42.56	45.08	50.15	59.12	58.78	55.87	50.56	46.94	42.79	39.05
	1.83	1.61	1.32	1.14	1.13	1.01	1.05	1.26	1.34	1.58	1.70	1.89	1.85	1.74	2.14	1.90	1.33	1.60	1.31	1.08	1.12	1.34	1.63	1.68
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	0.00
NYPA____ASTORIA_CC2 323569	41.54	36.36	34.77	30.40	31.88	33.75	35.35	38.86	40.00	39.29	38.23	39.57	41.05	41.51	42.56	45.08	50.15	59.12	58.78	55.87	50.56	46.94	42.79	39.05
	1.83	1.61	1.32	1.14	1.13	1.01	1.05	1.26	1.34	1.58	1.70	1.89	1.85	1.74	2.14	1.90	1.33	1.60	1.31	1.08	1.12	1.34	1.63	1.68
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.16	-0.83	-0.98	-1.24	-0.45	-0.41	-0.58	-0.77	-1.00	-0.55	0.00
NYPA____HOLTSVILL 23794	41.57	36.29	34.37	29.99	31.18	33.07	34.84	38.38	39.70	39.00	38.30	39.26	40.50	41.20	42.37	44.32	49.77	58.39	57.76	54.90	49.59	45.77	41.77	38.71
	1.86	1.54	0.92	0.73	0.43	0.32	0.54	0.78	1.05	1.29	1.77	1.56	1.29	1.43	1.94	1.14	0.95	0.86	0.29	0.11	0.15	0.18	0.61	1.34
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.17	-0.84	-0.98	-1.24	-0.46	-0.41	-0.59	-0.77	-0.99	-0.55	0.00
NYPA____HELLGATE_GT1 24158	41.85	36.64	35.04	30.64	32.13	33.99	35.53	38.99	40.12	39.41	38.35	39.72	41.18	41.67	42.77	45.20	50.20	59.23	58.95	56.08	50.66	47.12	43.09	39.36
	2.13	1.88	1.59	1.37	1.37	1.23	1.22	1.37	1.46	1.69	1.80	2.03	1.97	1.89	2.34	2.03	1.38	1.71	1.48	1.30	1.22	1.52	1.91	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.33	-0.37	-0.51	-1.25	-1.81	-1.18	-1.41	-1.37	-1.18	-0.85	-0.98	-1.24	-0.46	-0.41	-0.58	-0.77	-1.00	-0.56	-0.01
NYPA____HELLGATE_GT2 24159	41.85	36.64	35.04	30.64	32.13	33.99	35.53	38.99	40.12	39.41	38.35	39.72	41.18	41.67	42.77	45.20	50.20	59.23	58.95	56.08	50.66	47.12	43.09	39.36
	2.13	1.88	1.59	1.37	1.37	1.23	1.22	1.37	1.46	1.69	1.80	2.03	1.97	1.89	2.34	2.03	1.38	1.71	1.48	1.30	1.22	1.52	1.91	1.98
	-0.88	-0.51	-0.43	-0.12	-0.25	-0.33	-0.37	-0.51	-1.25	-1.81	-1.18	-1.41	-1.37	-1.18	-0.85	-0.98	-1.24	-0.46	-0.41	-0.58	-0.77	-1.00	-0.56	-0.01
NYS_BARGE____HYD 23848	40.44	35.61	34.34	30.22	31.48	33.52	35.12	37.68	38.07	35.94	36.28	37.09	39.09	40.41	40.12	43.18	49.01	58.29	58.85	56.06	50.10	45.98	41.19	38.68
	0.66	0.72	0.76	0.76	0.55	0.58	0.58	-0.26	-0.19	-0.36	0.18	0.00	0.72	0.85	-0.12	-0.21	-0.14	-1.09	-0.97	-0.71	-0.58	-0.13	0.16	1.04
	-0.95	-0.64	-0.55	-0.31	-0.43	-0.51	-0.60	-0.83	-0.85	-0.38	-0.73	-0.80	-0.53	-0.95	-0.65	-1.20	-1.58	-2.31	-2.76	-2.56	-2.01	-1.52	-0.42	-0.26
OAK ORCHARD____HYD 24046	40.45	35.52	34.15	30.00	31.38	33.37	35.13	38.25	38.52	36.43	36.50	37.42	39.15	40.45	40.70	43.86	49.86	59.93	60.42	57.55	51.25	46.78	41.66	38.52
	0.70	0.65	0.60	0.55	0.46	0.45	0.61	0.33	0.30	0.14	0.43	0.36	0.80	0.92	0.48	0.51	0.76	0.63	0.69	0.86	0.63	0.71	0.65	0.90
	-0.92	-0.62	-0.54	-0.30	-0.41	-0.49	-0.58	-0.81	-0.82	-0.37	-0.71	-0.78	-0.51	-0.92	-0.63	-1.16	-1.52	-2.24	-2.67	-2.48	-1.95	-1.47	-0.40	-0.25

OAKDALE___35_KV_LOAD 356122	40.62 0.58 -1.20	35.68 0.62 -0.81	34.32 0.59 -0.70	30.04 0.50 -0.40	31.54 0.49 -0.54	33.59 0.52 -0.65	35.24 0.54 -0.76	38.53 0.37 -1.05	38.82 0.34 -1.08	36.61 0.22 -0.49	36.65 0.35 -0.93	37.66 0.36 -1.02	38.89 0.38 -0.67	40.24 0.42 -1.21	40.77 0.36 -0.82	44.05 0.34 -1.51	49.90 0.33 -1.99	60.56 0.57 -2.93	61.30 0.74 -3.50	58.15 0.70 -3.24	51.90 0.68 -2.55	47.23 0.71 -1.92	41.75 0.61 -0.53	38.45 0.75 -0.33
OCC_CHEM___DRP 24175	40.56 0.78 -0.95	35.75 0.86 -0.64	34.44 0.86 -0.55	30.34 0.87 -0.31	31.57 0.64 -0.42	33.62 0.68 -0.51	34.85 0.31 -0.60	37.09 -0.85 -0.83	37.50 -0.75 -0.85	35.43 -0.86 -0.38	35.85 -0.25 -0.73	36.58 -0.51 -0.80	37.69 -0.68 -0.53	39.40 -0.15 -0.95	39.49 -0.75 -0.65	42.42 -0.97 -1.19	46.91 -2.24 -1.57	56.81 -2.57 -2.31	57.82 -2.00 -2.76	54.48 -2.28 -2.56	49.12 -1.56 -2.01	45.18 -0.94 -1.51	40.26 -0.77 -0.42	38.68 1.05 -0.26
OH_GEN_PROXY 24063	40.28 0.50 -0.94	35.50 0.62 -0.63	34.20 0.63 -0.55	30.10 0.64 -0.31	31.39 0.46 -0.42	33.36 0.49 -0.45	35.03 0.44 -0.65	37.53 -0.41 -0.82	37.94 -0.30 -0.84	35.86 -0.43 -0.38	36.20 0.11 -0.72	36.97 -0.11 -0.79	38.94 0.57 -0.52	40.28 0.73 -0.94	40.00 -0.24 -0.64	43.00 -0.38 -1.18	48.80 -0.33 -1.56	58.04 -1.31 -2.29	58.49 -1.31 -2.73	55.71 -1.03 -2.53	49.88 -0.78 -1.99	46.70 -0.36 -2.46	40.03 -0.04 0.54	38.49 0.86 -0.26
OLIN_CORP_DRP 24177	40.02 0.23 -0.95	35.24 0.34 -0.64	33.98 0.40 -0.56	29.93 0.47 -0.32	31.18 0.24 -0.43	33.20 0.26 -0.51	34.68 0.14 -0.61	37.24 -0.71 -0.84	37.66 -0.60 -0.85	35.54 -0.75 -0.39	35.96 -0.14 -0.74	36.69 -0.40 -0.81	37.81 -0.57 -0.53	39.52 -0.04 -0.96	39.65 -0.59 -0.65	42.55 -0.84 -1.20	47.16 -2.00 -1.58	56.99 -2.40 -2.32	58.07 -1.77 -2.77	54.72 -2.06 -2.57	49.28 -1.41 -2.02	45.41 -0.71 -1.52	40.42 -0.61 -0.42	38.12 0.49 -0.26
OLIN_CORP_DSASP 323712	40.56 0.78 -0.95	35.75 0.86 -0.64	34.43 0.86 -0.55	30.34 0.87 -0.31	31.58 0.64 -0.42	33.62 0.68 -0.51	34.88 0.34 -0.60	37.09 -0.85 -0.83	37.54 -0.71 -0.85	35.43 -0.86 -0.38	35.82 -0.28 -0.73	36.58 -0.51 -0.80	38.56 0.19 -0.53	39.90 0.35 -0.95	39.57 -0.67 -0.65	42.55 -0.84 -1.19	48.29 -0.85 -1.57	57.26 -2.11 -2.31	57.71 -2.11 -2.76	54.97 -1.79 -2.56	49.22 -1.46 -2.01	45.18 -0.94 -1.51	40.50 -0.53 -0.42	38.75 1.12 -0.26
ONEIDA_HERK_LFGE 323681	47.24 0.74 -7.67	41.40 0.65 -6.49	42.49 0.79 -8.67	36.62 0.67 -6.80	38.00 0.76 -6.73	41.98 0.81 -8.75	43.42 0.88 -8.60	45.83 0.93 -7.80	45.99 0.82 -7.77	42.63 0.57 -6.14	42.17 0.39 -6.41	43.05 0.40 -6.37	44.02 0.30 -5.87	39.61 0.31 -0.70	45.78 0.24 -5.95	44.98 0.47 -2.32	54.02 0.71 -5.73	62.93 1.14 -4.72	63.83 1.25 -5.52	61.24 1.36 -5.68	56.34 1.22 -6.45	52.61 1.03 -6.98	48.22 0.81 -6.80	45.21 0.60 -7.24
ONEIDA___115KV_TB4 55905	43.82 0.97 -4.01	38.36 0.82 -3.29	38.07 0.86 -4.18	33.08 0.73 -3.20	34.55 0.79 -3.24	37.45 0.84 -4.19	39.04 0.92 -4.19	42.03 0.93 -3.99	42.18 0.79 -3.99	39.44 0.57 -2.96	39.18 0.50 -3.31	40.13 0.51 -3.34	41.28 0.49 -2.94	40.11 0.54 -0.96	43.16 0.51 -3.06	44.75 0.72 -1.83	52.16 1.00 -3.59	62.14 1.43 -3.65	63.03 1.65 -4.31	60.07 1.63 -4.24	54.33 1.46 -4.21	50.00 1.29 -4.10	44.90 1.02 -3.27	41.62 0.90 -3.36
ONONDAGA_REF_OCCRA 23987	42.26 0.08 -3.35	36.86 0.07 -2.54	35.93 0.07 -2.84	31.22 0.06 -2.01	32.74 0.03 -2.20	35.27 0.06 -2.78	36.92 0.07 -2.92	40.27 0.00 -3.16	40.52 -0.07 -3.19	37.77 -0.14 -2.00	37.95 -0.11 -2.69	38.98 -0.11 -2.80	39.98 -0.08 -2.21	40.48 0.00 -1.87	41.99 -0.04 -2.44	44.85 0.00 -2.66	51.69 0.05 -4.07	62.48 0.23 -5.18	63.63 0.40 -6.17	60.42 0.38 -5.84	53.97 0.29 -5.01	49.14 0.31 -4.23	42.97 0.16 -2.20	39.57 0.19 -2.01
ONONDAGA___COGEN 23986	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.07 0.07 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 -0.07 -3.14	40.19 -0.04 -2.38	41.10 0.04 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.58 0.10 -4.91	63.81 0.23 -6.52	65.23 0.40 -7.77	61.89 0.38 -7.30	55.07 0.29 -6.11	49.91 0.31 -4.99	43.05 0.16 -2.27	39.53 0.19 -1.98
ONTARIO___LFGE 23819	41.06 0.82 -1.41	36.16 0.96 -0.95	34.74 0.89 -0.82	30.40 0.79 -0.47	31.93 0.79 -0.63	34.06 0.88 -0.76	35.82 0.98 -0.90	39.13 0.78 -1.24	39.30 0.64 -1.26	36.88 0.40 -0.57	36.99 0.53 -1.09	37.95 0.47 -1.19	39.28 0.64 -0.79	40.75 0.73 -1.42	41.04 0.48 -0.97	44.56 0.59 -1.78	50.96 1.05 -2.34	61.87 1.37 -3.44	62.76 1.60 -4.11	59.64 1.62 -3.81	52.92 1.26 -2.99	48.01 1.16 -2.25	42.21 0.97 -0.62	38.84 1.08 -0.39
ORANGEVILLE_WT_PWR 323706	40.81 0.93 -1.05	35.95 0.99 -0.71	34.63 0.99 -0.61	30.46 0.96 -0.35	31.80 0.82 -0.47	33.93 0.94 -0.56	35.59 0.98 -0.67	38.25 0.22 -0.92	38.53 0.19 -0.94	36.19 -0.14 -0.42	36.50 0.32 -0.81	37.28 0.11 -0.89	39.15 0.72 -0.59	40.47 0.81 -1.05	40.39 0.08 -0.72	43.56 0.04 -1.32	49.60 0.29 -1.74	59.56 -0.06 -2.55	60.23 0.11 -3.05	57.36 0.33 -2.83	51.24 0.34 -2.23	46.81 0.54 -1.68	41.72 0.65 -0.46	39.00 1.34 -0.29
ORANGEVILLE___ESR 323794	40.81 0.93 -1.05	35.95 0.99 -0.71	34.63 0.99 -0.61	30.46 0.96 -0.35	31.80 0.82 -0.47	33.93 0.94 -0.56	35.59 0.98 -0.67	38.25 0.22 -0.92	38.53 0.19 -0.94	36.19 -0.14 -0.42	36.50 0.32 -0.81	37.28 0.11 -0.89	39.15 0.72 -0.59	40.47 0.81 -1.05	40.39 0.08 -0.72	43.56 0.04 -1.32	49.60 0.29 -1.74	59.56 -0.06 -2.55	60.23 0.11 -3.05	57.36 0.33 -2.83	51.24 0.34 -2.23	46.81 0.54 -1.68	41.72 0.65 -0.46	39.00 1.34 -0.29
OSWEGATCHIE___HYD 24044	75.52 0.78 -35.91	65.72 0.68 -30.78	75.66 0.86 -41.78	62.89 0.70 -33.04	63.78 0.82 -32.44	75.58 0.91 -42.25	76.22 0.95 -41.33	74.99 1.08 -36.80	75.04 1.01 -36.62	66.32 0.79 -29.62	66.10 0.56 -30.17	66.63 0.55 -29.81	66.29 0.49 -27.95	40.36 0.43 -1.33	68.01 0.36 -28.06	51.50 0.51 -8.79	73.06 0.62 -24.87	76.07 0.80 -18.21	79.29 1.08 -21.14	77.74 1.14 -22.40	77.11 0.97 -27.47	76.87 1.03 -31.24	74.29 0.89 -32.79	73.35 0.63 -35.34
OSWEGO___5 23606	45.25 -0.58 -7.00	38.48 -0.48 -4.71	36.65 -0.46 -4.08	31.05 -0.41 -2.31	33.19 -0.46 -3.13	35.70 -0.49 -3.76	37.91 -0.48 -4.45	42.65 -0.60 -6.13	43.03 -0.64 -6.26	38.06 -0.68 -2.83	40.13 -0.64 -5.40	41.54 -0.65 -5.91	41.19 -0.57 -3.91	45.05 -0.58 -7.02	43.72 -0.67 -4.80	50.34 -0.68 -8.82	58.52 -0.67 -11.61	73.30 -0.80 -17.03	76.62 -0.80 -20.35	72.37 -0.71 -18.87	62.88 -0.63 -14.84	55.19 -0.58 -11.17	43.12 -0.57 -3.07	38.85 -0.45 -1.92
OSWEGO___6 23613	45.25 -0.58 -7.00	38.48 -0.48 -4.71	36.65 -0.46 -4.08	31.05 -0.41 -2.31	33.19 -0.46 -3.13	35.70 -0.49 -3.76	37.91 -0.48 -4.45	42.65 -0.60 -6.13	43.03 -0.64 -6.26	38.06 -0.68 -2.83	40.13 -0.64 -5.40	41.54 -0.65 -5.91	41.19 -0.57 -3.91	45.05 -0.58 -7.02	43.72 -0.67 -4.80	50.34 -0.68 -8.82	58.52 -0.67 -11.61	73.30 -0.80 -17.03	76.62 -0.80 -20.35	72.37 -0.71 -18.87	62.88 -0.63 -14.84	55.19 -0.58 -11.17	43.12 -0.57 -3.07	38.85 -0.45 -1.92

OUTOKUMPU-AB___DRP 24206	40.92 1.13 -0.96	36.03 1.13 -0.64	34.71 1.12 -0.56	30.60 1.14 -0.32	31.85 0.92 -0.43	33.91 0.97 -0.51	35.36 0.81 -0.61	37.87 -0.07 -0.84	38.26 0.00 -0.86	36.15 -0.14 -0.39	36.57 0.46 -0.74	37.31 0.22 -0.81	38.49 0.11 -0.53	40.18 0.62 -0.96	40.33 0.08 -0.66	43.32 -0.08 -1.21	48.07 -1.09 -1.59	58.26 -1.14 -2.33	59.33 -0.51 -2.79	55.92 -0.87 -2.58	50.31 -0.39 -2.03	46.18 0.04 -1.53	41.11 0.08 -0.42	39.05 1.42 -0.26
OXBOW___BTM 323836	40.79 1.01 -0.95	35.92 1.03 -0.64	34.60 1.02 -0.56	30.51 1.05 -0.31	31.76 0.82 -0.43	33.81 0.88 -0.51	35.19 0.64 -0.61	37.54 -0.41 -0.84	37.96 -0.30 -0.85	35.83 -0.47 -0.39	36.21 0.11 -0.73	36.98 -0.11 -0.81	39.02 0.64 -0.53	40.37 0.81 -0.96	40.05 -0.20 -0.65	43.10 -0.29 -1.20	48.92 -0.24 -1.58	58.08 -1.31 -2.32	58.58 -1.26 -2.77	55.80 -0.97 -2.57	49.91 -0.78 -2.02	45.76 -0.36 -1.52	40.99 -0.04 -0.42	39.01 1.38 -0.26
OXBOW___ 24026	40.80 1.01 -0.95	35.92 1.03 -0.64	34.60 1.02 -0.56	30.51 1.05 -0.31	31.76 0.82 -0.43	33.81 0.88 -0.51	35.15 0.61 -0.61	37.54 -0.41 -0.84	37.96 -0.30 -0.85	35.83 -0.47 -0.39	36.28 0.18 -0.73	36.98 -0.11 -0.81	38.15 -0.23 -0.53	39.87 0.31 -0.96	39.97 -0.28 -0.65	42.93 -0.46 -1.20	47.59 -1.57 -1.58	57.62 -1.77 -2.32	58.69 -1.14 -2.77	55.31 -1.46 -2.57	49.81 -0.88 -2.02	45.72 -0.40 -1.52	40.75 -0.28 -0.42	38.90 1.27 -0.26
OXY_CHEM_DSASP 323612	40.56 0.78 -0.95	35.75 0.86 -0.64	34.44 0.86 -0.55	30.34 0.87 -0.31	31.57 0.64 -0.42	33.62 0.68 -0.51	34.85 0.31 -0.60	37.09 -0.85 -0.83	37.50 -0.75 -0.85	35.43 -0.86 -0.38	35.85 -0.25 -0.73	36.58 -0.51 -0.80	37.69 -0.68 -0.53	39.40 -0.15 -0.95	39.49 -0.75 -0.65	42.42 -0.97 -1.19	46.91 -2.24 -1.57	56.81 -2.57 -2.31	57.82 -2.00 -2.76	54.48 -2.28 -2.56	49.12 -1.56 -2.01	45.18 -0.94 -1.51	40.26 -0.77 -0.42	38.68 1.05 -0.26
OZONE_PARK_ESR 323760	41.96 2.25 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.57 1.31 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.69 1.39 -0.36	39.23 1.63 -0.49	40.53 1.87 -1.25	39.68 1.98 -1.80	38.58 2.05 -1.16	40.05 2.36 -1.41	41.66 2.46 -1.36	42.12 2.35 -1.16	43.08 2.65 -0.83	45.67 2.49 -0.98	51.38 2.57 -1.24	60.15 2.63 -0.46	60.04 2.57 -0.41	57.01 2.22 -0.59	51.54 2.09 -0.78	47.65 2.05 -1.00	43.35 2.19 -0.55	39.39 2.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.56 0.78 -0.95	35.75 0.86 -0.64	34.44 0.86 -0.55	30.34 0.87 -0.31	31.57 0.64 -0.42	33.62 0.68 -0.51	34.85 0.31 -0.60	37.09 -0.85 -0.83	37.50 -0.75 -0.85	35.43 -0.86 -0.38	35.85 -0.25 -0.73	36.58 -0.51 -0.80	37.69 -0.68 -0.53	39.40 -0.15 -0.95	39.49 -0.75 -0.65	42.42 -0.97 -1.19	46.91 -2.24 -1.57	56.81 -2.57 -2.31	57.82 -2.00 -2.76	54.48 -2.28 -2.56	49.12 -1.56 -2.01	45.18 -0.94 -1.51	40.26 -0.77 -0.42	38.68 1.05 -0.26
PACKARD___115KV_DUPONT_184 80571	40.56 0.78 -0.95	35.75 0.86 -0.64	34.44 0.86 -0.55	30.34 0.87 -0.31	31.57 0.64 -0.42	33.62 0.68 -0.51	34.85 0.31 -0.60	37.09 -0.85 -0.83	37.50 -0.75 -0.85	35.43 -0.86 -0.38	35.85 -0.25 -0.73	36.58 -0.51 -0.80	37.69 -0.68 -0.53	39.40 -0.15 -0.95	39.49 -0.75 -0.65	42.42 -0.97 -1.19	46.91 -2.24 -1.57	56.81 -2.57 -2.31	57.82 -2.00 -2.76	54.48 -2.28 -2.56	49.12 -1.56 -2.01	45.18 -0.94 -1.51	40.26 -0.77 -0.42	38.68 1.05 -0.26
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.70 1.98 -0.88	36.51 1.75 -0.51	34.91 1.45 -0.43	30.52 1.25 -0.12	32.01 1.25 -0.25	33.85 1.10 -0.32	35.38 1.09 -0.36	38.86 1.26 -0.49	40.00 1.35 -1.25	39.25 1.54 -1.80	38.19 1.66 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.64 2.22 -0.83	45.16 1.98 -0.98	50.58 1.76 -1.24	59.13 1.60 -0.46	58.96 1.48 -0.41	56.15 1.36 -0.59	50.71 1.27 -0.78	47.08 1.47 -1.00	43.03 1.87 -0.55	39.25 1.87 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.13 2.41 -0.88	36.92 2.16 -0.51	35.30 1.85 -0.43	30.87 1.60 -0.12	32.41 1.65 -0.25	34.23 1.49 -0.32	35.79 1.49 -0.36	39.23 1.63 -0.49	40.42 1.76 -1.25	39.61 1.90 -1.80	38.55 2.02 -1.16	40.01 2.32 -1.41	41.62 2.42 -1.36	42.04 2.28 -1.16	43.04 2.61 -0.83	45.58 2.41 -0.98	51.05 2.24 -1.24	59.70 2.17 -0.46	59.53 2.05 -0.41	56.69 1.90 -0.59	51.20 1.75 -0.78	47.48 1.87 -1.00	43.44 2.27 -0.55	39.66 2.28 -0.01
PATROON___115KV_TB1 80586	38.18 -0.04 0.61	33.83 -0.07 0.35	32.66 -0.07 0.29	29.07 0.00 0.08	30.34 0.00 0.17	32.20 0.00 0.22	33.69 0.00 0.25	36.84 0.07 0.34	36.56 0.04 0.88	34.65 0.00 1.26	34.45 -0.11 0.81	35.15 -0.15 0.98	36.67 -0.23 0.95	37.52 -0.27 0.81	38.89 -0.12 0.58	41.30 -0.21 0.69	46.57 -0.14 0.87	56.46 -0.29 0.32	56.43 -0.34 0.29	53.47 -0.33 0.41	47.93 -0.19 0.55	43.77 -0.13 0.70	40.15 -0.08 0.38	37.15 -0.22 0.00
PATTRSNVILLE___SOLAR 323815	39.28 0.97 0.52	34.84 0.89 0.30	33.63 0.86 0.25	29.81 0.73 0.07	31.16 0.79 0.14	33.05 0.81 0.19	34.54 0.81 0.21	37.71 0.89 0.29	37.25 0.60 0.75	35.16 0.32 1.07	34.75 0.07 0.69	35.52 0.07 0.84	37.11 0.08 0.81	38.03 0.12 0.69	39.41 0.32 0.50	42.08 0.47 0.58	47.60 0.76 0.74	58.10 1.31 0.28	58.24 1.43 0.25	55.21 1.36 0.35	49.52 1.31 0.47	45.30 1.29 0.60	41.46 1.18 0.33	38.38 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.56 0.74 -0.98	35.80 0.89 -0.66	34.49 0.89 -0.57	30.32 0.85 -0.33	31.62 0.67 -0.44	33.70 0.75 -0.53	35.38 0.81 -0.63	37.90 -0.07 -0.86	38.28 0.00 -0.88	36.09 -0.22 -0.40	36.52 0.39 -0.76	37.30 0.18 -0.83	38.47 0.08 -0.55	40.06 0.46 -0.99	40.23 -0.04 -0.67	43.27 -0.17 -1.24	48.21 -1.00 -1.63	58.60 -0.86 -2.39	59.75 -0.17 -2.86	56.37 -0.49 -2.65	50.61 -0.15 -2.09	46.26 0.09 -1.57	41.17 0.12 -0.43	38.80 1.16 -0.27
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.26 1.67 -0.76	36.16 1.47 -0.43	34.64 1.25 -0.36	30.35 1.11 -0.10	31.82 1.10 -0.21	33.77 1.07 -0.27	35.37 1.12 -0.31	38.83 1.30 -0.42	39.91 1.42 -1.08	38.97 1.51 -1.55	37.89 1.52 -1.00	39.27 1.78 -1.21	40.87 1.85 -1.17	41.38 1.78 -1.00	42.29 1.98 -0.72	44.94 1.90 -0.85	50.79 2.14 -1.07	59.69 2.23 -0.40	59.53 2.11 -0.36	56.61 1.90 -0.51	51.19 1.85 -0.68	47.21 1.74 -0.86	42.91 1.83 -0.47	38.98 1.61 0.00
PEEKSKILL___ 23653	41.14 1.44 -0.87	36.05 1.30 -0.49	34.46 1.02 -0.42	30.13 0.87 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.31	35.14 0.85 -0.35	38.67 1.08 -0.49	39.84 1.20 -1.24	38.98 1.29 -1.77	37.89 1.38 -1.15	39.19 1.52 -1.39	40.66 1.47 -1.34	41.18 1.43 -1.15	42.15 1.74 -0.82	44.73 1.56 -0.97	50.18 1.38 -1.22	59.18 1.66 -0.46	58.84 1.37 -0.41	55.97 1.19 -0.58	50.66 1.22 -0.77	46.84 1.25 -0.99	42.49 1.34 -0.54	38.71 1.34 0.00
PGE MADISON___WINDPWR 24146	43.20 3.15 -1.22	37.74 2.67 -0.82	36.31 2.58 -0.71	31.74 2.19 -0.40	33.44 2.38 -0.55	35.61 2.53 -0.66	37.43 2.72 -0.77	40.92 2.75 -1.07	40.96 2.47 -1.09	38.27 1.87 -0.49	38.08 1.77 -0.94	39.24 1.92 -1.03	40.30 1.78 -0.68	41.72 1.89 -1.22	42.13 1.70 -0.84	46.18 2.45 -1.54	52.79 3.19 -2.02	64.60 4.57 -2.97	65.69 5.08 -3.55	62.43 4.93 -3.29	55.73 4.48 -2.59	50.52 3.97 -1.95	44.40 3.25 -0.54	40.69 2.99 -0.34

PIERCEFIELD___HYD 23852	91.87 0.78 -52.26	79.83 0.65 -44.93	94.97 0.73 -61.22	78.26 0.61 -48.50	78.75 0.70 -47.54	95.18 0.81 -61.94	95.30 0.85 -60.51	91.77 1.00 -53.66	91.80 1.01 -53.39	80.29 0.97 -43.41	80.24 0.92 -43.95	80.52 0.87 -43.36	79.55 0.87 -40.83	40.63 0.77 -1.26	81.29 0.79 -40.91	55.20 0.93 -12.07	83.98 0.90 -35.50	83.17 0.97 -25.13	87.15 0.97 -29.12	86.25 0.92 -31.12	88.46 0.78 -39.01	90.30 0.76 -44.94	89.43 0.77 -48.05	90.02 0.71 -51.94
PINELAWN_CC_1 323563	41.73 2.02 -0.88	36.46 1.71 -0.50	34.57 1.12 -0.42	30.17 0.90 -0.11	31.39 0.64 -0.24	33.29 0.55 -0.32	35.08 0.78 -0.36	38.60 1.00 -0.49	39.89 1.23 -1.25	39.18 1.47 -1.80	38.47 1.94 -1.16	39.51 1.81 -1.42	40.76 1.55 -1.37	41.43 1.66 -1.17	42.57 2.14 -0.84	44.61 1.44 -0.98	49.62 0.81 -1.24	57.93 0.40 -0.46	57.36 -0.11 -0.41	54.79 0.00 -0.59	49.49 0.05 -0.78	45.77 0.18 -0.99	42.05 0.89 -0.55	38.90 1.53 0.00
PJM_GEN_HTP_PROXY 323702	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.31 1.05 -0.11	31.79 1.04 -0.24	33.66 0.97 -0.26	35.40 1.05 -0.41	38.90 1.30 -0.49	40.11 1.46 -1.25	39.33 1.62 -1.80	38.23 1.70 -1.16	39.57 1.89 -1.41	41.02 1.82 -1.36	41.54 1.78 -1.16	42.56 2.14 -0.83	45.12 1.94 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	48.03 1.47 -1.96	41.83 1.63 0.41	38.98 1.61 0.00
PJM_GEN_KEystone 24065	40.66 0.78 -1.05	35.80 0.89 -0.66	34.38 0.79 -0.57	30.05 0.64 -0.26	31.48 0.58 -0.39	33.44 0.58 -0.43	35.20 0.64 -0.62	38.22 0.33 -0.78	39.03 0.45 -1.18	37.46 0.40 -1.16	37.09 0.67 -1.05	38.19 0.69 -1.22	39.78 0.91 -1.02	40.69 0.89 -1.19	41.06 0.63 -0.84	43.96 0.51 -1.26	49.63 0.43 -1.63	59.17 0.40 -1.70	59.37 0.34 -1.96	56.45 0.33 -1.92	50.69 0.34 -1.68	47.56 0.54 -2.43	40.89 0.69 0.41	38.58 1.04 -0.17
PJM_GEN_NEPTUNE_PROXY 323594	41.34 1.63 -0.88	36.16 1.40 -0.50	34.30 0.86 -0.42	29.96 0.70 -0.11	31.21 0.46 -0.24	33.05 0.36 -0.26	34.89 0.54 -0.41	38.34 0.74 -0.49	39.63 0.97 -1.25	38.93 1.22 -1.80	38.16 1.63 -1.16	39.29 1.59 -1.41	40.50 1.29 -1.36	41.13 1.35 -1.17	42.17 1.74 -0.84	44.27 1.10 -0.98	49.62 0.81 -1.24	58.22 0.69 -0.46	57.76 0.29 -0.41	54.95 0.16 -0.59	49.69 0.24 -0.77	46.91 0.36 -1.95	40.78 0.57 0.41	38.56 1.20 0.00
PJM_GEN_VFT_PROXY 323633	41.30 1.59 -0.88	36.16 1.40 -0.50	34.53 1.09 -0.42	30.17 0.90 -0.11	31.67 0.91 -0.24	33.50 0.81 -0.26	35.23 0.88 -0.41	38.75 1.15 -0.49	39.97 1.31 -1.25	39.18 1.47 -1.80	38.08 1.55 -1.16	39.43 1.74 -1.41	40.86 1.66 -1.36	41.39 1.62 -1.16	42.40 1.98 -0.83	44.95 1.77 -0.98	50.24 1.43 -1.24	59.24 1.71 -0.46	58.84 1.37 -0.41	55.98 1.19 -0.59	50.61 1.17 -0.78	47.81 1.25 -1.96	41.63 1.42 0.41	38.83 1.46 0.00
PLATSBURG_115KV_PMLD1 355749	43.90 1.13 -3.94	38.67 1.03 -3.40	38.65 0.99 -4.64	33.70 0.87 -3.68	35.12 1.01 -3.60	38.32 1.20 -4.69	39.78 1.26 -4.58	42.65 1.48 -4.05	43.04 1.61 -4.03	40.74 1.54 -3.29	40.17 1.49 -3.32	41.15 1.60 -3.27	42.41 1.48 -3.09	40.10 1.43 -0.06	44.19 1.50 -3.09	44.64 1.56 -0.88	51.41 1.19 -2.65	60.33 1.43 -1.84	60.50 1.31 -2.12	57.57 1.08 -2.28	52.59 1.02 -2.90	48.46 0.49 -3.37	44.94 0.69 -3.64	42.51 1.20 -3.94
PLEASANTVLY___LBMP 24000	40.81 1.01 -0.97	35.69 0.89 -0.55	34.25 0.76 -0.47	29.91 0.64 -0.12	31.39 0.61 -0.27	33.33 0.55 -0.35	34.95 0.61 -0.40	38.43 0.78 -0.54	39.69 0.90 -1.39	38.87 0.97 -1.99	37.68 1.03 -1.28	39.07 1.23 -1.55	40.59 1.25 -1.50	41.05 1.16 -1.28	41.86 1.35 -0.92	44.46 1.18 -1.09	50.18 1.24 -1.37	58.72 1.14 -0.51	58.49 0.97 -0.46	55.72 0.87 -0.65	50.46 0.92 -0.87	46.65 0.94 -1.11	42.36 1.14 -0.61	38.38 1.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.35 1.63 -0.88	36.19 1.44 -0.50	34.54 1.09 -0.42	30.19 0.93 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.22 0.92 -0.36	38.72 1.11 -0.50	39.94 1.27 -1.26	39.09 1.36 -1.81	37.99 1.45 -1.17	39.40 1.71 -1.42	40.95 1.74 -1.37	41.40 1.62 -1.17	42.29 1.86 -0.84	44.87 1.69 -0.99	50.58 1.76 -1.25	59.24 1.71 -0.47	59.08 1.60 -0.42	56.20 1.41 -0.59	50.87 1.41 -0.79	46.99 1.38 -1.01	42.75 1.58 -0.55	38.79 1.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.35 1.63 -0.88	36.19 1.44 -0.50	34.54 1.09 -0.42	30.19 0.93 -0.11	31.67 0.92 -0.24	33.59 0.84 -0.32	35.22 0.92 -0.36	38.72 1.11 -0.50	39.94 1.27 -1.26	39.09 1.36 -1.81	37.99 1.45 -1.17	39.40 1.71 -1.42	40.95 1.74 -1.37	41.40 1.62 -1.17	42.29 1.86 -0.84	44.87 1.69 -0.99	50.58 1.76 -1.25	59.24 1.71 -0.47	59.08 1.60 -0.42	56.20 1.41 -0.59	50.87 1.41 -0.79	46.99 1.38 -1.01	42.75 1.58 -0.55	38.79 1.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.86 1.32 0.29	35.25 1.16 0.17	33.87 0.99 0.14	29.96 0.85 0.04	31.28 0.85 0.08	33.13 0.81 0.11	34.67 0.85 0.12	37.95 1.00 0.16	38.07 1.08 0.42	36.46 1.15 0.60	36.15 1.17 0.39	37.19 1.38 0.47	38.79 1.40 0.45	39.61 1.39 0.39	40.90 1.58 0.28	43.35 1.48 0.33	48.83 1.67 0.41	58.57 1.65 0.15	58.52 1.60 0.14	55.47 1.46 0.19	49.82 1.41 0.26	45.61 1.34 0.33	41.89 1.46 0.18	38.68 1.31 0.00
POLETTI_____ 23519	30.71 1.75 9.87	26.18 1.58 9.65	26.18 1.25 8.10	26.18 1.08 4.05	26.18 1.10 5.43	26.18 0.91 7.15	26.22 0.92 8.64	26.18 1.04 11.97	26.22 1.16 12.34	26.18 1.36 11.09	25.39 1.45 11.42	25.50 1.78 12.56	25.62 1.82 14.04	25.54 1.66 14.72	25.43 1.98 16.14	25.95 1.73 17.97	30.46 1.43 18.55	40.34 1.26 17.98	40.14 1.08 18.01	37.24 0.98 17.94	31.90 0.92 17.69	28.26 1.20 17.55	27.79 1.67 14.49	25.47 1.64 13.55
POMONA___ESR 323819	41.14 1.48 -0.83	36.06 1.33 -0.47	34.51 1.09 -0.40	30.13 0.87 -0.11	31.62 0.89 -0.23	33.57 0.84 -0.30	35.26 0.98 -0.34	38.76 1.19 -0.47	39.90 1.31 -1.19	39.02 1.40 -1.71	37.96 1.49 -1.10	39.25 1.63 -1.34	40.72 1.59 -1.29	41.25 1.55 -1.10	42.24 1.86 -0.79	44.86 1.73 -0.93	50.32 1.57 -1.18	59.45 1.94 -0.44	58.94 1.48 -0.39	56.12 1.36 -0.56	50.72 1.31 -0.74	46.89 1.34 -0.95	42.56 1.42 -0.52	38.75 1.38 0.00
PORT_JEFF_3 23555	41.65 1.94 -0.88	36.36 1.61 -0.50	34.43 0.99 -0.42	30.05 0.79 -0.11	31.24 0.49 -0.24	33.13 0.39 -0.32	34.91 0.61 -0.36	38.46 0.85 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.40 1.87 -1.16	39.37 1.67 -1.41	40.61 1.40 -1.36	41.32 1.55 -1.17	42.53 2.10 -0.84	44.49 1.31 -0.98	49.91 1.10 -1.24	58.56 1.03 -0.46	57.99 0.51 -0.41	55.12 0.33 -0.59	49.78 0.34 -0.77	45.91 0.31 -0.99	41.89 0.73 -0.55	38.83 1.46 0.00
PORT_JEFF_4 23616	41.65 1.94 -0.88	36.36 1.61 -0.50	34.43 0.99 -0.42	30.05 0.79 -0.11	31.24 0.49 -0.24	33.13 0.39 -0.32	34.91 0.61 -0.36	38.46 0.85 -0.49	39.78 1.12 -1.25	39.07 1.36 -1.80	38.40 1.87 -1.16	39.37 1.67 -1.41	40.61 1.40 -1.36	41.32 1.55 -1.17	42.53 2.10 -0.84	44.49 1.31 -0.98	49.91 1.10 -1.24	58.56 1.03 -0.46	57.99 0.51 -0.41	55.12 0.33 -0.59	49.78 0.34 -0.77	45.91 0.31 -0.99	41.89 0.73 -0.55	38.83 1.46 0.00

PORT_JEFF_IC 23713	41.73 2.02 -0.88	36.40 1.64 -0.50	34.47 1.02 -0.42	30.08 0.82 -0.11	31.27 0.52 -0.24	33.16 0.42 -0.32	34.98 0.68 -0.36	38.49 0.89 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.44 1.91 -1.16	39.84 2.14 -1.41	41.40 2.20 -1.36	41.86 2.08 -1.17	42.81 2.38 -0.84	45.08 1.90 -0.98	51.00 2.19 -1.24	59.47 1.94 -0.46	58.85 1.37 -0.41	55.82 1.03 -0.59	50.27 0.83 -0.77	46.31 0.71 -0.99	42.71 1.54 -0.55	38.94 1.57 0.00
PPL PILGRIM_ST_GT1 24216	42.00 2.29 -0.88	36.67 1.92 -0.50	34.73 1.29 -0.42	30.31 1.05 -0.11	31.51 0.76 -0.24	33.46 0.71 -0.32	35.25 0.95 -0.36	38.79 1.19 -0.49	40.11 1.46 -1.25	39.40 1.69 -1.80	38.72 2.19 -1.16	39.76 2.07 -1.41	41.03 1.82 -1.36	41.74 1.97 -1.17	42.89 2.46 -0.84	44.87 1.69 -0.98	50.34 1.52 -1.24	59.07 1.54 -0.46	58.50 1.03 -0.41	55.61 0.81 -0.59	50.27 0.83 -0.77	46.35 0.76 -0.99	42.30 1.14 -0.55	39.16 1.79 0.00
PPL PILGRIM_ST_GT2 24217	42.00 2.29 -0.88	36.67 1.92 -0.50	34.73 1.29 -0.42	30.31 1.05 -0.11	31.51 0.76 -0.24	33.46 0.71 -0.32	35.25 0.95 -0.36	38.79 1.19 -0.49	40.11 1.46 -1.25	39.40 1.69 -1.80	38.72 2.19 -1.16	39.76 2.07 -1.41	41.03 1.82 -1.36	41.74 1.97 -1.17	42.89 2.46 -0.84	44.87 1.69 -0.98	50.34 1.52 -1.24	59.07 1.54 -0.46	58.50 1.03 -0.41	55.61 0.81 -0.59	50.27 0.83 -0.77	46.35 0.76 -0.99	42.30 1.14 -0.55	39.16 1.79 0.00
PPL_SHRM_GT3 24213	41.27 1.55 -0.88	35.98 1.23 -0.50	34.07 0.63 -0.42	29.73 0.46 -0.11	30.87 0.12 -0.24	32.74 0.00 -0.32	34.54 0.24 -0.36	38.01 0.41 -0.49	39.37 0.71 -1.25	38.68 0.97 -1.80	37.98 1.45 -1.16	38.93 1.23 -1.41	40.16 0.95 -1.36	40.93 1.16 -1.17	42.13 1.70 -0.84	44.10 0.93 -0.98	49.53 0.71 -1.24	58.10 0.57 -0.46	57.48 0.00 -0.41	54.63 -0.16 -0.59	49.34 -0.10 -0.77	45.51 -0.09 -0.99	41.49 0.32 -0.55	38.41 1.04 0.00
PPL_SHRM_GT4 24214	41.27 1.55 -0.88	35.98 1.23 -0.50	34.07 0.63 -0.42	29.73 0.46 -0.11	30.87 0.12 -0.24	32.74 0.00 -0.32	34.54 0.24 -0.36	38.01 0.41 -0.49	39.37 0.71 -1.25	38.68 0.97 -1.80	37.98 1.45 -1.16	38.93 1.23 -1.41	40.16 0.95 -1.36	40.93 1.16 -1.17	42.13 1.70 -0.84	44.10 0.93 -0.98	49.53 0.71 -1.24	58.10 0.57 -0.46	57.48 0.00 -0.41	54.63 -0.16 -0.59	49.34 -0.10 -0.77	45.51 -0.09 -0.99	41.49 0.32 -0.55	38.41 1.04 0.00
PROJECT___ORANGE 1 24174	41.93 -0.12 -3.21	36.64 -0.07 -2.45	35.74 -0.07 -2.79	31.08 -0.06 -1.99	32.57 -0.09 -2.16	35.06 -0.10 -2.73	36.69 -0.10 -2.85	39.97 -0.19 -3.05	40.22 -0.26 -3.07	37.55 -0.32 -1.96	37.71 -0.25 -2.59	38.72 -0.25 -2.69	39.76 -0.23 -2.14	40.16 -0.15 -1.71	41.75 -0.20 -2.36	44.48 -0.17 -2.46	51.20 -0.19 -3.81	61.75 -0.11 -4.80	62.83 0.06 -5.71	59.67 0.05 -5.41	53.36 0.00 -4.69	48.64 0.04 -3.99	42.73 -0.04 -2.16	39.37 0.00 -2.00
PROJECT___ORANGE 2 24166	41.93 -0.12 -3.21	36.64 -0.07 -2.45	35.74 -0.07 -2.79	31.08 -0.06 -1.99	32.57 -0.09 -2.16	35.06 -0.10 -2.73	36.69 -0.10 -2.85	39.97 -0.19 -3.05	40.22 -0.26 -3.07	37.55 -0.32 -1.96	37.71 -0.25 -2.59	38.72 -0.25 -2.69	39.76 -0.23 -2.14	40.16 -0.15 -1.71	41.75 -0.20 -2.36	44.48 -0.17 -2.46	51.20 -0.19 -3.81	61.75 -0.11 -4.80	62.83 0.06 -5.71	59.67 0.05 -5.41	53.36 0.00 -4.69	48.64 0.04 -3.99	42.73 -0.04 -2.16	39.37 0.00 -2.00
PUCKETT___SOLAR 323809	41.16 1.16 -1.16	36.13 1.10 -0.78	34.76 1.06 -0.68	30.44 0.90 -0.39	31.98 0.95 -0.52	34.06 1.01 -0.63	35.73 1.05 -0.74	39.09 0.96 -1.02	39.27 0.82 -1.04	36.92 0.54 -0.47	36.80 0.53 -0.90	37.81 0.55 -0.98	39.14 0.64 -0.65	40.43 0.66 -1.17	40.90 0.51 -0.80	44.38 0.72 -1.47	50.60 1.10 -1.93	61.56 1.66 -2.84	62.22 1.77 -3.39	59.13 1.79 -3.14	52.74 1.60 -2.47	47.93 1.47 -1.86	42.42 1.30 -0.51	39.03 1.34 -0.32
PYRITES___HYD 24023	95.44 1.28 -55.32	82.88 1.06 -47.57	98.95 1.09 -64.83	81.43 0.90 -51.37	81.89 1.04 -50.35	99.23 1.20 -65.60	99.28 1.26 -64.08	95.37 1.45 -56.81	95.27 1.35 -56.52	83.10 1.22 -45.97	83.00 1.10 -46.53	83.24 1.05 -45.90	82.18 1.10 -43.24	40.85 0.97 -1.28	83.89 0.99 -43.31	56.15 1.22 -12.73	86.48 1.38 -37.53	85.33 1.77 -26.50	89.71 1.94 -30.70	88.93 1.90 -32.83	91.60 1.70 -41.23	93.61 1.47 -47.54	92.84 1.34 -50.89	93.58 1.20 -55.02
QUAKERRD_115KV_BK1 80622	39.54 -0.27 -0.98	34.70 -0.21 -0.66	33.36 -0.23 -0.57	29.30 -0.17 -0.32	30.67 -0.27 -0.44	32.63 -0.32 -0.53	34.32 -0.24 -0.62	37.45 -0.52 -0.86	37.72 -0.56 -0.88	35.66 -0.65 -0.40	35.73 -0.39 -0.75	36.64 -0.47 -0.83	37.90 -0.49 -0.55	39.28 -0.31 -0.98	39.79 -0.48 -0.67	42.92 -0.51 -1.23	48.34 -0.86 -1.62	58.65 -0.80 -2.38	59.39 -0.51 -2.84	56.30 -0.54 -2.64	50.25 -0.49 -2.07	45.85 -0.31 -1.56	40.64 -0.41 -0.43	37.53 -0.11 -0.27
QUENSBRY_115KV_TB8 356137	38.85 0.74 0.72	34.63 0.79 0.41	33.43 0.76 0.35	29.70 0.64 0.09	31.04 0.73 0.20	32.84 0.68 0.26	34.35 0.71 0.30	37.48 0.78 0.41	36.85 0.49 1.04	34.78 0.36 1.49	34.41 0.00 0.96	35.16 0.04 1.16	36.76 0.04 1.12	37.80 0.15 0.96	39.18 0.28 0.69	41.72 0.34 0.81	47.41 0.86 1.02	57.94 1.26 0.38	58.15 1.43 0.34	55.13 1.41 0.48	49.33 1.31 0.65	45.16 1.38 0.83	41.38 1.22 0.45	38.30 0.93 0.00
RAMAPO___LBMP 323565	40.98 1.32 -0.82	35.92 1.20 -0.47	34.38 0.96 -0.39	30.04 0.79 -0.10	31.53 0.79 -0.23	33.44 0.71 -0.30	35.05 0.78 -0.34	38.54 0.96 -0.46	39.70 1.12 -1.18	38.78 1.19 -1.69	37.70 1.24 -1.09	39.12 1.52 -1.32	40.67 1.55 -1.27	41.12 1.43 -1.09	41.99 1.62 -0.78	44.55 1.43 -0.92	50.26 1.52 -1.16	58.98 1.48 -0.43	58.88 1.43 -0.39	56.00 1.25 -0.55	50.67 1.27 -0.73	46.79 1.25 -0.94	42.55 1.42 -0.51	38.64 1.27 0.00
RANKINE____ 23646	40.86 1.05 -0.98	36.01 1.10 -0.66	34.68 1.09 -0.57	30.52 1.05 -0.32	31.80 0.85 -0.44	33.89 0.94 -0.53	35.51 0.95 -0.62	38.15 0.19 -0.86	38.54 0.26 -0.88	36.34 0.04 -0.40	36.76 0.64 -0.75	37.54 0.44 -0.83	38.73 0.34 -0.55	40.40 0.81 -0.98	40.54 0.28 -0.67	43.60 0.17 -1.23	48.44 -0.76 -1.62	58.82 -0.63 -2.38	59.96 0.06 -2.84	56.52 -0.33 -2.64	50.79 0.05 -2.07	46.52 0.36 -1.56	41.41 0.37 -0.43	39.02 1.38 -0.27
RAVENSWOOD_GT2_1 24244	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.70 1.93 -1.16	42.60 2.18 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT2_2 24245	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.70 1.93 -1.16	42.60 2.18 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00

RAVENSWOOD_GT2_3 24246	41.54 1.83 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.15 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.72 2.03 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.53 2.00 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.99 1.83 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT2_4 24247	41.54 1.83 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.15 1.50 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.72 2.03 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.53 2.00 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.99 1.83 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT3_1 24248	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT3_2 24249	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.25 1.77 -0.41	56.36 1.57 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT3_3 24250	41.57 1.86 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.37 1.11 -0.11	31.88 1.13 -0.24	33.78 1.04 -0.32	35.42 1.12 -0.36	38.97 1.37 -0.49	40.19 1.53 -1.25	39.40 1.69 -1.80	38.30 1.77 -1.16	39.76 2.07 -1.41	41.32 2.12 -1.36	41.77 2.01 -1.16	42.68 2.26 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.05 1.61 -0.78	47.25 1.65 -1.00	43.03 1.87 -0.55	39.09 1.72 0.00
RAVENSWOOD_GT3_4 24251	41.57 1.86 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.37 1.11 -0.11	31.88 1.13 -0.24	33.78 1.04 -0.32	35.42 1.12 -0.36	38.97 1.37 -0.49	40.19 1.53 -1.25	39.40 1.69 -1.80	38.30 1.77 -1.16	39.76 2.07 -1.41	41.32 2.12 -1.36	41.77 2.01 -1.16	42.68 2.26 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.05 1.61 -0.78	47.25 1.65 -1.00	43.03 1.87 -0.55	39.09 1.72 0.00
RAVENSWOOD_GT_1 23729	41.57 1.86 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.43 1.17 -0.11	31.91 1.16 -0.24	33.78 1.04 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.12 1.46 -1.25	39.36 1.65 -1.80	38.26 1.73 -1.16	39.72 2.03 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.72 1.90 -1.24	59.24 1.71 -0.46	59.02 1.54 -0.41	56.15 1.36 -0.59	50.81 1.36 -0.78	47.12 1.52 -1.00	42.99 1.83 -0.55	39.13 1.76 0.00
RAVENSWOOD_GT_10 24258	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT_11 24259	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT_4 24252	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.19 1.53 -1.25	39.36 1.65 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.91 2.09 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.05 1.61 -0.78	47.21 1.61 -1.00	42.95 1.79 -0.55	39.01 1.64 0.00
RAVENSWOOD_GT_5 24254	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.19 1.53 -1.25	39.36 1.65 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.91 2.09 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.05 1.61 -0.78	47.21 1.61 -1.00	42.95 1.79 -0.55	39.01 1.64 0.00
RAVENSWOOD_GT_6 24253	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.19 1.53 -1.25	39.36 1.65 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.91 2.09 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.05 1.61 -0.78	47.21 1.61 -1.00	42.95 1.79 -0.55	39.01 1.64 0.00
RAVENSWOOD_GT_7 24255	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.94 1.34 -0.49	40.19 1.53 -1.25	39.36 1.65 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.74 1.97 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.91 2.09 -1.24	59.58 2.05 -0.46	59.36 1.88 -0.41	56.47 1.68 -0.59	51.05 1.61 -0.78	47.21 1.61 -1.00	42.95 1.79 -0.55	39.01 1.64 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00
RAVENSWOOD_GT_9 24257	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.72 0.97 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.15 1.50 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.28 2.08 -1.36	41.70 1.93 -1.16	42.64 2.22 -0.83	45.20 2.03 -0.98	50.86 2.05 -1.24	59.47 1.94 -0.46	59.30 1.83 -0.41	56.42 1.63 -0.59	51.01 1.56 -0.78	47.16 1.56 -1.00	42.95 1.79 -0.55	39.05 1.68 0.00

RAVENSWOOD___1 23533	41.57 1.86 -0.88	36.40 1.64 -0.50	34.77 1.32 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.78 1.04 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.08 1.42 -1.25	39.33 1.62 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.09 1.89 -1.36	41.54 1.78 -1.16	42.60 2.18 -0.83	45.12 1.94 -0.98	50.24 1.43 -1.24	59.18 1.66 -0.45	58.84 1.37 -0.41	55.97 1.19 -0.58	50.61 1.17 -0.77	47.03 1.43 -1.00	42.83 1.67 -0.55	39.05 1.68 0.00
RAVENSWOOD___2 23534	41.46 1.75 -0.88	36.29 1.54 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.68 0.94 -0.32	35.28 0.98 -0.36	38.82 1.22 -0.49	39.97 1.31 -1.25	39.25 1.54 -1.80	38.19 1.66 -1.16	39.54 1.85 -1.41	40.98 1.78 -1.36	41.46 1.70 -1.16	42.52 2.10 -0.83	45.03 1.85 -0.98	49.91 1.10 -1.24	58.72 1.20 -0.45	58.38 0.91 -0.41	55.54 0.76 -0.58	50.27 0.83 -0.77	46.90 1.29 -1.00	42.70 1.54 -0.55	38.98 1.61 0.00
RAVENSWOOD___3 23535	41.54 1.83 -0.88	36.33 1.58 -0.50	34.70 1.25 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.75 1.01 -0.32	35.38 1.09 -0.36	38.90 1.30 -0.49	40.11 1.46 -1.25	39.33 1.62 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.58 1.81 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.48 1.66 -1.24	59.47 1.94 -0.46	59.13 1.66 -0.41	56.25 1.46 -0.59	50.86 1.41 -0.78	47.07 1.47 -1.00	42.79 1.63 -0.55	39.01 1.64 0.00
RAVENSWOOD___4 23820	41.54 1.83 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.04 1.38 -1.25	39.33 1.62 -1.80	38.26 1.73 -1.16	39.61 1.92 -1.41	41.05 1.85 -1.36	41.54 1.78 -1.16	42.60 2.18 -0.83	45.12 1.94 -0.98	50.20 1.38 -1.24	59.12 1.60 -0.45	58.78 1.31 -0.41	55.92 1.14 -0.58	50.56 1.12 -0.77	46.99 1.38 -1.00	42.79 1.63 -0.55	39.05 1.68 0.00
RCPL_TRUST___DRP 24196	41.57 1.86 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.37 1.11 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.42 1.12 -0.36	38.97 1.37 -0.49	40.23 1.57 -1.25	39.40 1.69 -1.80	38.30 1.77 -1.16	39.76 2.07 -1.41	41.32 2.12 -1.36	41.77 2.01 -1.16	42.68 2.26 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.58 2.05 -0.46	59.42 1.94 -0.41	56.53 1.73 -0.59	51.10 1.65 -0.78	47.25 1.65 -1.00	42.99 1.83 -0.55	39.09 1.72 0.00
RED___ROCHESTER 323720	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.52 0.61 -0.49	35.32 0.81 -0.57	38.46 0.56 -0.79	38.70 0.48 -0.81	36.63 0.36 -0.37	36.70 0.64 -0.70	37.66 0.62 -0.76	39.41 1.06 -0.50	40.71 1.20 -0.91	40.96 0.75 -0.62	44.13 0.80 -1.14	50.21 1.14 -1.50	60.34 1.08 -2.20	60.83 1.14 -2.62	57.94 1.30 -2.43	51.60 1.02 -1.91	47.11 1.07 -1.44	41.94 0.93 -0.40	38.74 1.12 -0.25
REGAN___SOLAR 323812	40.50 2.13 0.47	35.90 1.92 0.27	34.65 1.85 0.23	30.69 1.60 0.06	32.12 1.74 0.13	34.17 1.91 0.17	35.71 1.97 0.19	38.92 2.08 0.26	38.00 1.27 0.67	35.49 0.54 0.96	34.71 -0.04 0.62	35.38 -0.14 0.75	36.93 -0.19 0.73	37.94 -0.04 0.62	39.38 0.24 0.45	42.43 0.76 0.53	48.57 1.66 0.66	59.84 3.02 0.25	60.38 3.54 0.22	57.31 3.42 0.31	51.36 3.12 0.42	47.01 2.94 0.54	42.96 2.64 0.29	39.69 2.32 0.00
RENSSELAER___COGEN 23796	38.05 -0.19 0.59	33.71 -0.20 0.33	32.54 -0.20 0.28	28.96 -0.12 0.07	30.20 -0.15 0.16	32.05 -0.16 0.21	33.53 -0.17 0.24	36.71 -0.07 0.33	36.45 -0.11 0.84	34.60 -0.11 1.20	34.38 -0.21 0.78	35.20 -0.14 0.94	36.41 -0.53 0.91	37.29 -0.54 0.78	38.72 -0.32 0.56	41.08 -0.46 0.66	46.12 -0.62 0.83	56.13 -0.63 0.31	56.04 -0.74 0.28	53.05 -0.76 0.39	47.61 -0.53 0.52	43.48 -0.45 0.67	39.84 -0.41 0.37	36.88 -0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.27 2.17 0.74	35.92 2.09 0.42	34.72 2.05 0.35	30.80 1.75 0.09	32.26 1.95 0.20	34.23 2.08 0.27	35.78 2.14 0.30	39.03 2.34 0.41	38.15 1.80 1.05	35.87 1.47 1.51	35.35 0.95 0.97	36.08 0.98 1.18	37.81 1.10 1.14	38.98 1.35 0.97	40.36 1.46 0.70	43.10 1.73 0.82	49.25 2.71 1.04	60.44 3.77 0.39	60.94 4.22 0.35	57.78 4.07 0.49	51.71 3.70 0.66	47.24 3.48 0.84	43.20 3.05 0.46	39.91 2.54 0.00
REVERE_CPPR_DRP 24186	45.40 1.20 -5.37	39.75 1.03 -4.47	39.94 1.09 -5.83	34.57 0.90 -4.52	36.04 1.01 -4.52	39.35 1.07 -5.86	40.90 1.15 -5.81	43.73 1.22 -5.39	43.84 1.05 -5.38	40.83 0.79 -4.13	40.46 0.64 -4.46	41.40 0.65 -4.47	42.47 0.61 -4.02	40.11 0.62 -0.89	44.31 0.59 -4.13	45.12 0.89 -2.04	53.22 1.24 -4.41	62.93 1.77 -4.09	63.87 2.00 -4.81	61.09 2.06 -4.82	55.59 1.85 -5.07	51.39 1.61 -5.19	46.43 1.26 -4.56	43.23 1.08 -4.78
REYNLDPA_13_KV_LD 356490	31.31 0.39 7.91	27.78 0.34 6.81	24.05 0.33 9.30	22.06 0.29 7.38	23.62 0.34 7.22	23.43 0.42 9.42	25.15 0.41 9.19	29.50 0.52 8.13	29.91 0.60 8.09	29.92 0.61 6.60	29.31 0.60 6.66	30.30 0.58 6.56	32.22 0.57 6.19	38.98 0.50 0.13	33.95 0.55 6.20	41.02 0.59 1.76	42.93 0.67 5.31	54.01 0.63 3.68	53.49 0.69 4.26	50.28 0.65 4.58	43.43 0.59 5.82	38.29 0.45 6.76	33.76 0.45 7.30	29.80 0.34 7.91
REYNOLDS_115KV_TB3 80639	38.15 0.04 0.72	33.88 0.03 0.41	32.68 0.00 0.35	29.09 0.03 0.09	30.34 0.03 0.20	32.16 0.00 0.26	33.68 0.03 0.29	36.82 0.11 0.40	36.49 0.11 1.03	34.58 0.14 1.47	34.42 0.00 0.95	35.13 0.00 1.15	36.66 -0.08 1.11	37.54 -0.12 0.95	38.91 0.00 0.68	41.31 -0.08 0.80	46.56 0.00 1.02	56.57 -0.11 0.38	56.49 -0.23 0.34	53.56 -0.16 0.48	47.93 -0.10 0.64	43.78 0.00 0.82	40.20 0.04 0.45	37.22 -0.15 0.00
RIVERBAY____ 323610	42.13 2.41 -0.88	36.92 2.16 -0.51	35.30 1.85 -0.43	30.87 1.60 -0.12	32.41 1.65 -0.25	34.23 1.49 -0.32	35.79 1.49 -0.36	39.23 1.63 -0.49	40.42 1.76 -1.25	39.61 1.90 -1.80	38.55 2.02 -1.16	40.01 2.32 -1.41	41.62 2.42 -1.36	42.04 2.28 -1.16	43.04 2.61 -0.83	45.58 2.41 -0.98	51.05 2.24 -1.24	59.70 2.17 -0.46	59.53 2.05 -0.41	56.69 1.90 -0.59	51.20 1.75 -0.78	47.48 1.87 -1.00	43.44 2.27 -0.55	39.66 2.28 -0.01
RIVERSDE_115KV_TB3 55908	38.10 -0.08 0.66	33.81 -0.07 0.37	32.61 -0.10 0.32	29.04 -0.03 0.08	30.27 -0.06 0.18	32.12 -0.06 0.24	33.64 -0.03 0.27	36.78 0.04 0.37	36.46 0.00 0.94	34.56 0.00 1.35	34.39 -0.11 0.87	35.12 -0.11 1.05	36.64 -0.19 1.02	37.46 -0.27 0.87	38.85 -0.12 0.62	41.25 -0.21 0.74	46.50 -0.14 0.93	56.43 -0.29 0.35	56.35 -0.40 0.31	53.39 -0.38 0.44	47.84 -0.24 0.59	43.67 -0.18 0.75	40.12 -0.08 0.41	37.11 -0.26 0.00
ROARING___BROOK_WT_PWR 323790	37.40 -0.12 1.32	33.05 -0.07 1.14	31.44 -0.03 1.55	27.89 -0.03 1.23	29.30 0.00 1.20	30.85 0.00 1.57	32.41 0.00 1.53	35.79 0.04 1.36	36.09 0.04 1.35	34.88 0.07 1.10	34.29 0.04 1.11	35.22 0.04 1.09	36.81 0.00 1.03	38.58 0.00 0.02	38.52 -0.04 1.03	41.90 0.00 0.29	46.69 0.00 0.89	56.39 -0.06 0.61	56.29 -0.06 0.71	53.28 -0.16 0.76	47.41 -0.29 0.97	43.03 -0.45 1.13	38.87 -0.53 1.22	35.42 -0.64 1.32

ROCHESRG_115KV_T4 355643	40.26 0.54 -0.88	35.36 0.51 -0.60	34.04 0.50 -0.52	29.91 0.47 -0.29	31.27 0.37 -0.40	33.26 0.36 -0.48	34.98 0.48 -0.56	38.07 0.19 -0.78	38.35 0.15 -0.79	36.30 0.04 -0.36	36.37 0.32 -0.68	37.25 0.22 -0.75	38.57 0.23 -0.49	40.00 0.50 -0.89	40.48 0.28 -0.61	43.56 0.25 -1.11	48.90 -0.14 -1.47	59.33 0.11 -2.15	60.09 0.46 -2.57	56.92 0.33 -2.39	50.88 0.34 -1.88	46.50 0.49 -1.41	41.33 0.32 -0.39	38.32 0.71 -0.24
ROCHESTER_9_IC 23652	40.47 0.74 -0.90	35.54 0.69 -0.61	34.18 0.63 -0.53	30.06 0.61 -0.30	31.43 0.52 -0.40	33.40 0.49 -0.49	35.16 0.64 -0.57	38.27 0.37 -0.79	38.55 0.34 -0.81	36.49 0.22 -0.37	36.60 0.53 -0.70	37.48 0.44 -0.76	38.77 0.42 -0.50	40.21 0.69 -0.91	40.73 0.51 -0.62	43.84 0.51 -1.14	49.26 0.19 -1.50	59.78 0.51 -2.20	60.54 0.86 -2.62	57.40 0.76 -2.43	51.26 0.68 -1.91	46.84 0.80 -1.44	41.58 0.57 -0.40	38.51 0.90 -0.25
ROCKVIEW_13_KV_LD 356306	41.54 1.83 -0.88	36.33 1.58 -0.50	34.73 1.29 -0.42	30.34 1.08 -0.11	31.82 1.07 -0.24	33.75 1.01 -0.32	35.42 1.12 -0.36	38.94 1.34 -0.49	40.19 1.53 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.70 1.93 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.91 2.09 -1.24	59.58 2.05 -0.46	59.42 1.94 -0.41	56.53 1.73 -0.59	51.15 1.70 -0.78	47.25 1.65 -1.00	42.99 1.83 -0.55	39.01 1.64 0.00
ROME____115KV_TB2 80656	45.40 1.20 -5.37	39.75 1.03 -4.47	39.94 1.09 -5.83	34.57 0.90 -4.52	36.04 1.01 -4.52	39.35 1.07 -5.86	40.90 1.15 -5.81	43.73 1.22 -5.39	43.84 1.05 -5.38	40.83 0.79 -4.13	40.46 0.64 -4.46	41.40 0.65 -4.47	42.47 0.61 -4.02	40.11 0.62 -0.89	44.31 0.59 -4.13	45.12 0.89 -2.04	53.22 1.24 -4.41	62.93 1.77 -4.09	63.87 2.00 -4.81	61.09 2.06 -4.82	55.59 1.85 -5.07	51.39 1.61 -5.19	46.43 1.26 -4.56	43.23 1.08 -4.78
ROSETON___1 23587	40.66 1.01 -0.82	35.61 0.89 -0.47	34.18 0.76 -0.39	29.89 0.64 -0.10	31.38 0.64 -0.22	33.27 0.55 -0.30	34.88 0.61 -0.33	38.35 0.78 -0.46	39.43 0.86 -1.17	38.56 0.97 -1.68	37.48 1.03 -1.08	38.75 1.16 -1.31	40.17 1.06 -1.26	40.69 1.00 -1.08	41.67 1.30 -0.78	44.25 1.14 -0.91	49.63 0.90 -1.16	58.58 1.08 -0.43	58.31 0.86 -0.39	55.45 0.70 -0.55	50.17 0.78 -0.73	46.43 0.89 -0.93	42.14 1.02 -0.51	38.38 1.01 0.00
ROSETON___2 23588	40.66 1.01 -0.82	35.61 0.89 -0.47	34.18 0.76 -0.39	29.89 0.64 -0.10	31.38 0.64 -0.22	33.27 0.55 -0.30	34.88 0.61 -0.33	38.35 0.78 -0.46	39.43 0.86 -1.17	38.56 0.97 -1.68	37.48 1.03 -1.08	38.75 1.16 -1.31	40.17 1.06 -1.26	40.69 1.00 -1.08	41.67 1.30 -0.78	44.25 1.14 -0.91	49.63 0.90 -1.16	58.58 1.08 -0.43	58.31 0.86 -0.39	55.45 0.70 -0.55	50.17 0.78 -0.73	46.43 0.89 -0.93	42.14 1.02 -0.51	38.38 1.01 0.00
ROTRDAM_115KV_TB3 80664	38.87 0.58 0.55	34.49 0.55 0.31	33.26 0.50 0.26	29.52 0.44 0.07	30.82 0.46 0.15	32.68 0.45 0.20	34.19 0.48 0.22	37.32 0.52 0.31	37.07 0.45 0.78	35.15 0.36 1.12	34.89 0.25 0.73	35.69 0.29 0.88	37.30 0.30 0.85	38.19 0.31 0.73	39.51 0.44 0.52	42.00 0.42 0.61	47.42 0.62 0.77	57.58 0.80 0.29	57.54 0.74 0.26	54.60 0.76 0.37	48.91 0.73 0.49	44.73 0.76 0.63	41.00 0.73 0.34	37.97 0.60 0.00
RUSSELL___1 23602	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.53 0.62 -0.49	35.29 0.78 -0.57	38.46 0.56 -0.79	38.70 0.49 -0.81	36.63 0.36 -0.37	36.74 0.67 -0.70	37.66 0.62 -0.76	38.95 0.61 -0.50	40.40 0.89 -0.91	40.92 0.71 -0.62	44.09 0.76 -1.14	49.50 0.43 -1.50	60.12 0.86 -2.20	60.89 1.20 -2.62	57.72 1.08 -2.43	51.55 0.97 -1.91	47.07 1.03 -1.44	41.78 0.77 -0.40	38.70 1.08 -0.25
RUSSELL___2 23532	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.53 0.62 -0.49	35.29 0.78 -0.57	38.46 0.56 -0.79	38.70 0.49 -0.81	36.63 0.36 -0.37	36.74 0.67 -0.70	37.66 0.62 -0.76	38.95 0.61 -0.50	40.40 0.89 -0.91	40.92 0.71 -0.62	44.09 0.76 -1.14	49.50 0.43 -1.50	60.12 0.86 -2.20	60.89 1.20 -2.62	57.72 1.08 -2.43	51.55 0.97 -1.91	47.07 1.03 -1.44	41.78 0.77 -0.40	38.70 1.08 -0.25
RUSSELL___3 23549	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.53 0.62 -0.49	35.29 0.78 -0.57	38.46 0.56 -0.79	38.70 0.49 -0.81	36.63 0.36 -0.37	36.74 0.67 -0.70	37.66 0.62 -0.76	38.95 0.61 -0.50	40.40 0.89 -0.91	40.92 0.71 -0.62	44.09 0.76 -1.14	49.50 0.43 -1.50	60.12 0.86 -2.20	60.89 1.20 -2.62	57.72 1.08 -2.43	51.55 0.97 -1.91	47.07 1.03 -1.44	41.78 0.77 -0.40	38.70 1.08 -0.25
RUSSELL___4 23556	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.53 0.62 -0.49	35.29 0.78 -0.57	38.46 0.56 -0.79	38.70 0.49 -0.81	36.63 0.36 -0.37	36.74 0.67 -0.70	37.66 0.62 -0.76	38.95 0.61 -0.50	40.40 0.89 -0.91	40.92 0.71 -0.62	44.09 0.76 -1.14	49.50 0.43 -1.50	60.12 0.86 -2.20	60.89 1.20 -2.62	57.72 1.08 -2.43	51.55 0.97 -1.91	47.07 1.03 -1.44	41.78 0.77 -0.40	38.70 1.08 -0.25
RUSSELL___STATION 23914	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.53 0.62 -0.49	35.29 0.78 -0.57	38.46 0.56 -0.79	38.70 0.49 -0.81	36.63 0.36 -0.37	36.74 0.67 -0.70	37.66 0.62 -0.76	38.95 0.61 -0.50	40.40 0.89 -0.91	40.92 0.71 -0.62	44.09 0.76 -1.14	49.50 0.43 -1.50	60.12 0.86 -2.20	60.89 1.20 -2.62	57.72 1.08 -2.43	51.55 0.97 -1.91	47.07 1.03 -1.44	41.78 0.77 -0.40	38.70 1.08 -0.25
S SALMON___HYD 24043	46.84 0.20 -7.81	40.62 0.14 -6.23	40.83 0.20 -7.61	34.98 0.15 -5.68	36.59 0.18 -5.89	40.18 0.20 -7.56	41.85 0.24 -7.67	44.92 0.19 -7.63	45.13 0.07 -7.65	41.17 -0.11 -5.37	41.58 -0.18 -6.39	42.62 -0.18 -6.52	43.21 -0.15 -5.52	41.21 -0.15 -2.76	45.22 -0.24 -5.86	46.57 -0.13 -4.50	55.50 0.05 -7.88	66.12 0.17 -8.88	67.93 0.34 -10.52	64.86 0.49 -10.17	58.45 0.34 -9.44	53.70 0.45 -8.65	46.82 0.29 -5.92	43.47 0.23 -5.88
S.PERRY__115KV_TB1 80734	42.06 2.17 -1.05	36.95 1.99 -0.71	35.52 1.88 -0.62	31.19 1.69 -0.35	32.66 1.68 -0.47	34.78 1.78 -0.57	36.64 2.04 -0.67	39.78 1.74 -0.92	39.77 1.42 -0.94	37.24 0.90 -0.43	37.28 1.10 -0.81	38.08 0.91 -0.89	39.38 0.95 -0.59	40.94 1.27 -1.06	41.38 1.07 -0.72	44.79 1.27 -1.33	50.66 1.33 -1.75	62.14 2.51 -2.57	63.44 3.31 -3.07	60.19 3.14 -2.84	53.63 2.73 -2.24	48.92 2.63 -1.68	43.23 2.15 -0.46	40.05 2.39 -0.29
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.65 0.85 -0.96	35.82 0.92 -0.64	34.51 0.92 -0.56	30.40 0.93 -0.32	31.67 0.73 -0.43	33.72 0.78 -0.51	35.29 0.75 -0.61	37.87 -0.07 -0.84	38.30 0.04 -0.86	36.15 -0.14 -0.39	36.57 0.46 -0.74	37.31 0.22 -0.81	38.49 0.11 -0.53	40.18 0.62 -0.96	40.29 0.04 -0.66	43.32 -0.08 -1.21	48.07 -1.09 -1.59	58.25 -1.14 -2.33	59.33 -0.51 -2.78	55.97 -0.81 -2.58	50.31 -0.39 -2.03	46.17 0.04 -1.53	41.11 0.08 -0.42	38.79 1.16 -0.26

SAWYER___23_KV_LOAD 55526	40.65	35.82	34.51	30.40	31.67	33.72	35.29	37.87	38.30	36.15	36.57	37.31	38.49	40.18	40.29	43.32	48.07	58.25	59.33	55.97	50.31	46.17	41.11	38.79
	0.85	0.92	0.92	0.93	0.73	0.78	0.75	-0.07	0.04	-0.14	0.46	0.22	0.11	0.62	0.04	-0.08	-1.09	-1.14	-0.51	-0.81	-0.39	0.04	0.08	1.16
	-0.96	-0.64	-0.56	-0.32	-0.43	-0.51	-0.61	-0.84	-0.86	-0.39	-0.74	-0.81	-0.53	-0.96	-0.66	-1.21	-1.59	-2.33	-2.78	-2.58	-2.03	-1.53	-0.42	-0.26
SELKIRK___I 23801	38.77	34.30	33.09	29.34	30.66	32.56	34.04	37.18	37.03	35.24	34.84	35.70	36.90	37.77	39.07	41.56	45.90	55.63	55.59	52.73	47.34	43.36	39.63	36.55
	0.27	0.24	0.23	0.23	0.24	0.26	0.24	0.26	0.11	0.04	-0.07	-0.04	-0.42	-0.39	-0.20	-0.25	-1.19	-1.26	-1.31	-1.24	-1.02	-0.85	-0.77	-0.82
	0.34	0.20	0.16	0.04	0.09	0.12	0.14	0.19	0.49	0.70	0.45	0.55	0.53	0.45	0.32	0.38	0.48	0.18	0.16	0.23	0.31	0.39	0.21	0.00
SELKIRK___II 23799	38.50	34.08	32.86	29.18	30.46	32.31	33.80	36.99	36.89	35.13	34.82	35.69	36.71	37.55	38.88	41.27	46.32	56.17	56.07	53.12	47.66	43.64	39.91	36.88
	0.08	0.07	0.03	0.09	0.06	0.03	0.03	0.11	0.07	0.07	0.00	0.07	-0.49	-0.50	-0.32	-0.46	-0.67	-0.68	-0.80	-0.81	-0.63	-0.49	-0.45	-0.49
	0.41	0.24	0.20	0.05	0.11	0.15	0.17	0.23	0.59	0.85	0.55	0.66	0.64	0.55	0.39	0.46	0.58	0.22	0.20	0.28	0.37	0.47	0.26	0.00
SENECA OSWGO___HYD 24041	41.69	36.47	35.56	30.99	32.46	34.92	36.56	39.76	40.00	37.41	37.45	38.45	39.62	39.90	41.51	44.12	50.92	61.26	62.17	59.12	52.87	48.27	42.62	39.29
	-0.12	-0.07	-0.10	-0.06	-0.09	-0.10	-0.07	-0.18	-0.26	-0.36	-0.32	-0.33	-0.23	-0.19	-0.28	-0.25	-0.09	-0.06	0.06	0.11	0.00	0.04	-0.04	0.00
	-2.98	-2.29	-2.64	-1.90	-2.04	-2.59	-2.69	-2.84	-2.86	-1.86	-2.40	-2.49	-2.00	-1.49	-2.19	-2.17	-3.44	-4.25	-5.06	-4.81	-4.21	-3.62	-2.04	-1.92
SENECA___115KV_TB3 355854	40.90	36.04	34.75	30.58	31.86	33.92	35.58	38.19	38.58	36.41	36.83	37.58	38.77	40.44	40.58	43.64	48.53	58.88	60.02	56.63	50.84	46.61	41.49	39.06
	1.09	1.13	1.16	1.11	0.92	0.97	1.02	0.22	0.30	0.11	0.71	0.47	0.38	0.85	0.32	0.21	-0.67	-0.57	0.11	-0.22	0.10	0.45	0.45	1.42
	-0.98	-0.66	-0.57	-0.32	-0.44	-0.53	-0.62	-0.86	-0.88	-0.40	-0.75	-0.83	-0.55	-0.98	-0.67	-1.23	-1.62	-2.38	-2.84	-2.64	-2.07	-1.56	-0.43	-0.27
SENECA___ENERGY 23797	42.23	36.91	35.77	31.10	32.66	35.09	36.85	40.19	40.41	37.60	37.86	38.92	40.02	40.94	41.87	45.15	52.09	63.14	64.28	61.10	54.33	49.28	42.91	39.52
	0.39	0.44	0.40	0.35	0.34	0.39	0.47	0.30	0.19	0.04	0.11	0.11	0.27	0.31	0.12	0.21	0.52	0.74	0.86	0.92	0.68	0.62	0.49	0.60
	-3.01	-2.21	-2.35	-1.60	-1.81	-2.27	-2.44	-2.79	-2.82	-1.65	-2.39	-2.52	-1.90	-2.02	-2.16	-2.74	-3.99	-5.34	-6.36	-5.97	-4.98	-4.05	-1.81	-1.56
SHOEMAKER___GT 23640	40.68	35.64	34.21	29.94	31.39	33.35	34.89	38.32	39.31	38.33	37.29	38.52	39.97	40.54	41.50	44.14	49.65	58.72	58.50	55.69	50.32	46.50	42.19	38.41
	1.09	0.96	0.83	0.70	0.67	0.65	0.64	0.78	0.82	0.86	0.92	1.01	0.95	0.92	1.19	1.10	1.00	1.25	1.08	0.98	0.97	1.03	1.10	1.04
	-0.76	-0.43	-0.37	-0.10	-0.21	-0.28	-0.31	-0.43	-1.09	-1.56	-1.01	-1.22	-1.18	-1.01	-0.72	-0.85	-1.08	-0.40	-0.36	-0.51	-0.68	-0.87	-0.48	0.00
SHOEMAKR_138KV_BK 111 55601	40.64	35.64	34.18	29.92	31.39	33.31	34.89	38.31	39.34	38.36	37.29	38.62	40.15	40.65	41.53	44.18	49.88	58.66	58.56	55.79	50.41	46.49	42.30	38.42
	1.05	0.96	0.79	0.67	0.67	0.62	0.64	0.78	0.86	0.90	0.92	1.12	1.14	1.04	1.23	1.14	1.24	1.20	1.14	1.08	1.07	1.03	1.22	1.05
	-0.75	-0.43	-0.36	-0.10	-0.21	-0.27	-0.31	-0.42	-1.08	-1.55	-1.00	-1.21	-1.17	-1.00	-0.72	-0.84	-1.07	-0.40	-0.36	-0.50	-0.67	-0.86	-0.47	0.00
SHOREHAM_IC_1 23715	41.27	35.98	34.07	29.73	30.87	32.74	34.54	38.01	39.37	38.68	37.98	38.93	40.16	40.93	42.13	44.10	49.53	58.10	57.48	54.63	49.34	45.51	41.49	38.41
	1.55	1.23	0.63	0.46	0.12	0.00	0.24	0.41	0.71	0.97	1.45	1.23	0.95	1.16	1.70	0.93	0.71	0.57	0.00	-0.16	-0.10	-0.09	0.32	1.04
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.17	-0.84	-0.98	-1.24	-0.46	-0.41	-0.59	-0.77	-0.99	-0.55	0.00
SHOREHAM_IC_2 23716	41.26	35.98	34.07	29.73	30.87	32.74	34.53	38.01	39.37	38.68	37.98	39.37	40.91	41.40	42.37	44.65	50.58	58.96	58.33	55.28	49.78	45.86	42.26	38.53
	1.55	1.23	0.63	0.47	0.12	0.00	0.24	0.41	0.71	0.97	1.45	1.67	1.70	1.62	1.94	1.48	1.76	1.43	0.86	0.49	0.34	0.27	1.10	1.16
	-0.88	-0.50	-0.42	-0.11	-0.24	-0.32	-0.36	-0.49	-1.25	-1.80	-1.16	-1.41	-1.36	-1.17	-0.84	-0.98	-1.24	-0.46	-0.41	-0.59	-0.77	-0.99	-0.55	0.00
SISSONVILLE____ 23735	91.87	79.83	94.97	78.26	78.75	95.18	95.30	91.77	91.80	80.29	80.24	80.52	79.55	40.63	81.29	55.20	83.98	83.17	87.15	86.25	88.46	90.30	89.43	90.02
	0.78	0.65	0.73	0.61	0.70	0.81	0.85	1.00	1.01	0.97	0.92	0.87	0.87	0.77	0.79	0.93	0.90	0.97	0.97	0.92	0.78	0.76	0.77	0.71
	-52.26	-44.93	-61.22	-48.50	-47.54	-61.94	-60.51	-53.66	-53.39	-43.41	-43.95	-43.36	-40.83	-1.26	-40.91	-12.07	-35.50	-25.13	-29.12	-31.12	-39.01	-44.94	-48.05	-51.94
SITHE_IND_GS1 24169	24.55	24.48	24.48	24.08	23.81	24.48	24.68	24.48	24.48	29.52	24.12	24.06	29.50	24.27	29.41	24.31	24.31	23.21	16.85	16.95	19.19	22.28	33.84	32.90
	-0.89	-0.75	-0.73	-0.64	-0.70	-0.74	-0.75	-0.89	-0.93	-0.97	-0.92	-0.91	-0.87	-0.89	-0.99	-1.01	-1.05	-1.26	-1.26	-1.14	-1.07	-0.94	-0.89	-0.79
	13.39	9.02	7.82	4.43	6.00	7.20	8.51	11.74	11.99	5.42	10.33	11.32	7.48	13.45	9.19	16.87	22.22	32.60	38.96	36.11	28.41	21.38	5.88	3.68
SITHE_IND_GS2 24170	24.55	24.48	24.48	24.08	23.81	24.48	24.68	24.48	24.48	29.52	24.12	24.06	29.50	24.27	29.41	24.31	24.31	23.21	16.85	16.95	19.19	22.28	33.84	32.90
	-0.89	-0.75	-0.73	-0.64	-0.70	-0.74	-0.75	-0.89	-0.93	-0.97	-0.92	-0.91	-0.87	-0.89	-0.99	-1.01	-1.05	-1.26	-1.26	-1.14	-1.07	-0.94	-0.89	-0.79
	13.39	9.02	7.82	4.43	6.00	7.20	8.51	11.74	11.99	5.42	10.33	11.32	7.48	13.45	9.19	16.87	22.22	32.60	38.96	36.11	28.41	21.38	5.88	3.68
SITHE_IND_GS3 24171	24.55	24.48	24.48	24.08	23.81	24.48	24.68	24.48	24.48	29.52	24.12	24.06	29.50	24.27	29.41	24.31	24.31	23.21	16.85	16.95	19.19	22.28	33.84	32.90
	-0.89	-0.75	-0.73	-0.64	-0.70	-0.74	-0.75	-0.89	-0.93	-0.97	-0.92	-0.91	-0.87	-0.89	-0.99	-1.01	-1.05	-1.26	-1.26	-1.14	-1.07	-0.94	-0.89	-0.79
	13.39	9.02	7.82	4.43	6.00	7.20	8.51	11.74	11.99	5.42	10.33	11.32	7.48	13.45	9.19	16.87	22.22	32.60	38.96	36.11	28.41	21.38	5.88	3.68
SITHE_IND_GS4 24172	24.55	24.48	24.48	24.08	23.81	24.48	24.68	24.48	24.48	29.52	24.12	24.06	29.50	24.27	29.41	24.31	24.31	23.21	16.85	16.95	19.19	22.28	33.84	32.90
	-0.89	-0.75	-0.73	-0.64	-0.70	-0.74	-0.75	-0.89	-0.93	-0.97	-0.92	-0.91	-0.87	-0.89	-0.99	-1.01	-1.05	-1.26	-1.26	-1.14	-1.07	-0.94	-0.89	-0.79
	13.39	9.02	7.82	4.43	6.00	7.20	8.51	11.74	11.99	5.42	10.33	11.32	7.48	13.45	9.19	16.87	22.22	32.60	38.96	36.11	28.41	21.38	5.88	3.68

SITHE___BATAVIA 24024	41.48 1.71 -0.94	36.46 1.58 -0.63	35.06 1.49 -0.55	30.86 1.40 -0.31	32.18 1.25 -0.42	34.23 1.30 -0.50	36.06 1.53 -0.60	38.93 1.00 -0.82	39.18 0.94 -0.84	36.94 0.65 -0.38	37.15 1.06 -0.72	37.98 0.91 -0.79	39.92 1.55 -0.52	41.29 1.74 -0.94	41.23 0.99 -0.64	44.47 1.10 -1.18	50.23 1.10 -1.56	60.15 0.80 -2.29	60.76 0.97 -2.73	57.98 1.25 -2.53	51.63 0.97 -1.99	47.26 1.16 -1.50	42.20 1.18 -0.41	39.38 1.76 -0.26
SITHE___INDEPEND 23800	24.55 -0.89 13.39	24.48 -0.75 9.02	24.48 -0.73 7.82	24.08 -0.64 4.43	23.81 -0.70 6.00	24.48 -0.75 7.20	24.65 -0.78 8.51	24.48 -0.89 11.74	24.48 -0.94 11.99	29.52 -0.97 5.42	24.12 -0.92 10.33	24.06 -0.91 11.32	29.42 -0.95 7.48	24.23 -0.93 13.45	29.41 -0.99 9.19	24.27 -1.05 16.87	24.17 -1.19 22.22	23.15 -1.31 32.60	16.85 -1.26 38.96	16.90 -1.19 36.11	19.19 -1.07 28.41	22.28 -0.94 21.38	33.84 -0.89 5.88	32.90 -0.78 3.68
SITHE___MASSENA 23902	114.58 0.54 -75.21	99.50 0.48 -64.77	121.96 0.50 -88.44	99.71 0.41 -70.15	99.68 0.49 -68.68	122.53 0.58 -89.52	121.90 0.58 -87.39	115.12 0.70 -77.31	115.05 0.75 -76.90	99.42 0.79 -62.72	99.44 0.78 -63.29	99.40 0.73 -62.40	97.49 0.76 -58.89	40.53 0.70 -1.23	99.27 0.75 -58.93	59.76 0.80 -16.77	98.94 0.86 -50.51	92.99 0.91 -35.01	98.55 0.97 -40.52	98.67 0.92 -43.54	104.77 0.78 -55.33	109.47 0.62 -64.24	110.65 0.61 -69.43	113.06 0.52 -75.17
SITHE___OGDNSBRG 24021	101.28 1.20 -61.25	87.93 0.99 -52.68	105.85 0.99 -71.83	86.93 0.85 -56.93	87.27 0.98 -55.78	106.22 1.10 -72.69	106.09 1.15 -71.00	101.32 1.30 -62.91	101.22 1.23 -62.59	87.96 1.11 -50.94	87.92 1.03 -51.52	88.08 0.98 -50.82	86.75 1.02 -47.89	40.81 0.89 -1.32	88.50 0.95 -47.96	57.32 1.14 -13.99	90.36 1.33 -41.45	87.92 1.71 -29.15	92.71 1.88 -33.76	92.19 1.84 -36.14	95.83 1.65 -45.51	98.54 1.38 -52.55	98.22 1.22 -56.38	99.47 1.12 -60.98
SITHE___STERLING 23777	43.82 0.97 -4.01	38.36 0.82 -3.29	38.06 0.86 -4.18	33.08 0.73 -3.20	34.55 0.79 -3.24	37.45 0.84 -4.19	39.04 0.92 -4.19	42.03 0.93 -3.99	42.18 0.79 -3.99	39.44 0.57 -2.96	39.18 0.49 -3.31	40.13 0.51 -3.34	41.31 0.53 -2.94	40.14 0.58 -0.96	43.16 0.51 -3.06	44.79 0.76 -1.83	52.21 1.05 -3.59	62.20 1.48 -3.65	63.03 1.66 -4.31	60.13 1.68 -4.24	54.33 1.46 -4.21	50.00 1.29 -4.10	44.90 1.02 -3.27	41.62 0.90 -3.36
SLEIGHT__34_KV_TB1 80719	40.37 0.27 -1.27	35.38 0.27 -0.85	33.99 0.23 -0.74	29.77 0.20 -0.42	31.23 0.15 -0.57	33.27 0.16 -0.68	35.01 0.27 -0.80	38.29 0.07 -1.11	38.54 0.00 -1.13	36.32 -0.11 -0.51	36.45 0.11 -0.98	37.39 0.04 -1.07	38.63 0.08 -0.71	40.15 0.27 -1.27	40.58 0.12 -0.87	43.96 0.17 -1.59	49.72 0.05 -2.10	60.43 0.29 -3.08	61.37 0.63 -3.68	58.16 0.54 -3.41	51.79 0.44 -2.69	47.11 0.49 -2.02	41.45 0.28 -0.56	38.17 0.45 -0.35
SMITHTWN_69_KV_BK 1 55830	41.81 2.10 -0.88	36.50 1.75 -0.50	34.57 1.12 -0.42	30.16 0.90 -0.11	31.33 0.58 -0.24	33.23 0.49 -0.32	35.04 0.75 -0.36	38.57 0.96 -0.49	39.97 1.31 -1.25	39.22 1.51 -1.80	38.51 1.98 -1.16	39.95 2.25 -1.41	41.48 2.27 -1.36	41.94 2.16 -1.17	42.81 2.38 -0.84	45.08 1.90 -0.98	51.05 2.24 -1.24	59.53 2.00 -0.46	58.90 1.43 -0.41	55.82 1.03 -0.59	50.32 0.88 -0.77	46.35 0.76 -0.99	42.71 1.54 -0.55	39.05 1.68 0.00
SOUTH CAIRO___GT 23612	39.89 1.28 0.22	35.29 1.16 0.13	34.01 1.09 0.11	30.11 0.99 0.03	31.49 1.04 0.06	33.51 1.17 0.08	35.07 1.22 0.09	38.28 1.30 0.12	38.06 0.97 0.32	36.14 0.68 0.45	35.46 0.39 0.29	36.04 0.11 0.35	37.58 0.08 0.34	38.47 0.15 0.29	39.70 0.32 0.21	42.54 0.59 0.25	48.40 1.14 0.31	58.55 1.60 0.12	58.78 1.83 0.10	55.90 1.84 0.15	50.03 1.56 0.20	45.69 1.34 0.25	41.65 1.18 0.14	37.93 0.56 0.00
SOUTH HAMPTN___IC 23720	41.81 2.10 -0.88	36.46 1.71 -0.50	34.53 1.09 -0.42	30.17 0.90 -0.11	31.30 0.55 -0.24	33.20 0.45 -0.32	35.01 0.71 -0.36	38.56 0.96 -0.49	39.93 1.27 -1.25	39.25 1.54 -1.80	38.65 2.12 -1.16	39.62 1.92 -1.41	40.91 1.70 -1.36	41.70 1.93 -1.17	42.97 2.54 -0.84	44.95 1.77 -0.98	50.53 1.71 -1.24	59.24 1.71 -0.46	58.56 1.08 -0.41	55.61 0.81 -0.59	50.17 0.73 -0.77	46.22 0.62 -0.99	42.13 0.97 -0.55	39.05 1.68 0.00
SOUTHDOW_115KV_TB1 355954	41.82 1.98 -1.00	36.95 2.02 -0.68	35.62 2.01 -0.59	31.29 1.81 -0.33	32.61 1.65 -0.45	34.78 1.82 -0.54	36.61 2.04 -0.64	39.33 1.34 -0.88	39.76 1.46 -0.90	37.47 1.15 -0.41	37.91 1.77 -0.77	38.76 1.63 -0.85	40.00 1.59 -0.56	41.58 1.97 -1.01	41.71 1.43 -0.69	44.90 1.43 -1.27	50.10 0.86 -1.67	61.05 1.54 -2.44	62.38 2.40 -2.92	58.81 1.90 -2.71	52.65 1.85 -2.13	47.99 1.78 -1.60	42.64 1.58 -0.44	40.04 2.39 -0.28
SOUTHOLD_69_KV_BK 2 55809	42.27 2.56 -0.88	36.87 2.12 -0.50	34.93 1.49 -0.42	30.54 1.28 -0.11	31.67 0.92 -0.24	33.62 0.88 -0.32	35.42 1.12 -0.36	39.05 1.45 -0.49	40.49 1.83 -1.25	39.79 2.08 -1.80	39.25 2.72 -1.16	40.71 3.01 -1.41	42.39 3.18 -1.36	42.98 3.20 -1.17	44.07 3.64 -0.84	46.47 3.29 -0.98	52.62 3.81 -1.24	61.29 3.77 -0.46	60.56 3.08 -0.41	57.28 2.49 -0.59	51.49 2.04 -0.77	47.33 1.74 -0.99	43.56 2.40 -0.55	39.72 2.35 0.00
SOUTHOLD___IC 23719	42.27 2.56 -0.88	36.88 2.12 -0.50	34.93 1.49 -0.42	30.54 1.28 -0.11	31.67 0.91 -0.24	33.62 0.88 -0.32	35.41 1.12 -0.36	39.05 1.45 -0.49	40.49 1.83 -1.25	39.79 2.08 -1.80	39.25 2.72 -1.16	40.31 2.61 -1.41	41.67 2.46 -1.36	42.52 2.74 -1.17	43.84 3.41 -0.84	45.92 2.74 -0.98	51.67 2.85 -1.24	60.49 2.97 -0.46	59.70 2.22 -0.41	56.63 1.84 -0.59	51.00 1.56 -0.77	46.98 1.38 -0.99	42.79 1.63 -0.55	39.65 2.28 0.00
SOUTH_FORK_WT_PWR 323839	42.20 2.49 -0.88	36.81 2.05 -0.50	34.90 1.45 -0.42	30.51 1.25 -0.11	31.67 0.91 -0.24	33.58 0.84 -0.32	35.38 1.09 -0.36	39.01 1.41 -0.49	40.45 1.80 -1.25	39.79 2.08 -1.80	39.29 2.76 -1.16	40.34 2.65 -1.41	41.71 2.50 -1.36	42.59 2.82 -1.17	43.92 3.48 -0.84	46.00 2.83 -0.98	51.72 2.90 -1.24	60.55 3.02 -0.46	59.70 2.22 -0.41	56.63 1.84 -0.59	51.00 1.56 -0.77	46.93 1.34 -0.99	42.79 1.63 -0.55	39.69 2.32 0.00
SPIERFLS_115KV_TB 1 80737	38.66 0.54 0.72	34.46 0.62 0.41	33.27 0.59 0.34	29.55 0.50 0.09	30.89 0.58 0.20	32.68 0.52 0.26	34.19 0.54 0.29	37.26 0.56 0.40	36.68 0.30 1.02	34.62 0.18 1.47	34.31 -0.11 0.95	35.03 -0.11 1.15	36.62 -0.11 1.11	37.62 -0.04 0.95	39.03 0.12 0.68	41.56 0.17 0.80	47.18 0.62 1.01	57.60 0.91 0.38	57.81 1.08 0.34	54.76 1.03 0.48	49.00 0.97 0.64	44.90 1.12 0.82	41.14 0.97 0.45	38.08 0.71 0.00
ST LAWRENCE____ 23600	33.18 0.04 5.70	29.38 0.03 4.91	26.44 0.03 6.62	23.93 0.03 5.25	25.43 0.06 5.14	25.85 0.13 6.70	27.42 0.10 6.62	31.54 0.19 5.75	31.82 0.23 5.80	31.43 0.25 4.73	30.87 0.25 4.75	31.79 0.22 4.71	33.63 0.23 4.45	38.69 0.19 0.10	35.34 0.20 4.45	41.13 0.25 1.32	43.99 0.24 3.83	54.59 0.17 2.65	54.22 0.23 3.07	51.12 0.22 3.30	44.64 0.15 4.18	39.82 0.04 4.82	35.45 0.08 5.24	31.72 0.04 5.69

STATE_CA_115KV_115_LB 55624	38.18 -0.04 0.61	33.83 -0.07 0.35	32.66 -0.07 0.30	29.07 0.00 0.08	30.34 0.00 0.17	32.20 0.00 0.22	33.69 0.00 0.25	36.84 0.07 0.35	36.56 0.04 0.88	34.65 0.00 1.26	34.45 -0.11 0.81	35.15 -0.15 0.99	36.67 -0.23 0.95	37.52 -0.27 0.81	38.89 -0.12 0.58	41.30 -0.21 0.69	46.56 -0.14 0.87	56.46 -0.29 0.32	56.43 -0.34 0.29	53.47 -0.33 0.41	47.92 -0.19 0.55	43.76 -0.13 0.70	40.15 -0.08 0.38	37.15 -0.22 0.00
STATE_ST_34_KV_LOAD 55959	42.44 0.39 -3.22	36.99 0.38 -2.36	35.85 0.33 -2.50	31.13 0.29 -1.69	32.74 0.31 -1.93	35.19 0.36 -2.41	36.94 0.41 -2.60	40.38 0.30 -2.98	40.60 0.19 -3.01	37.73 0.07 -1.75	38.06 0.14 -2.55	39.13 0.15 -2.70	40.07 0.19 -2.03	41.03 0.23 -2.20	42.10 0.20 -2.31	45.46 0.30 -2.97	52.31 0.43 -4.30	63.63 0.80 -5.77	65.02 1.08 -6.88	61.69 1.03 -6.46	54.87 0.83 -5.37	49.72 0.76 -4.36	43.06 0.53 -1.92	39.57 0.56 -1.64
STATION_5_MISC_HYD 23604	40.47 0.74 -0.90	35.54 0.68 -0.61	34.18 0.63 -0.53	30.06 0.61 -0.30	31.43 0.52 -0.40	33.40 0.49 -0.49	35.19 0.68 -0.57	38.27 0.37 -0.79	38.55 0.34 -0.81	36.49 0.22 -0.37	36.56 0.49 -0.70	37.48 0.44 -0.76	39.22 0.87 -0.50	40.48 0.97 -0.91	40.72 0.51 -0.62	43.92 0.59 -1.14	49.93 0.86 -1.50	60.00 0.74 -2.20	60.49 0.80 -2.62	57.62 0.98 -2.43	51.31 0.73 -1.91	46.85 0.80 -1.44	41.70 0.69 -0.40	38.55 0.93 -0.25
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.39 0.47 -1.09	35.46 0.48 -0.73	34.09 0.43 -0.63	29.92 0.41 -0.36	31.33 0.34 -0.49	33.37 0.36 -0.58	35.10 0.48 -0.69	38.36 0.30 -0.95	38.56 0.19 -0.97	36.39 0.04 -0.44	36.45 0.25 -0.84	37.38 0.18 -0.92	38.60 0.15 -0.61	40.04 0.35 -1.09	40.53 0.20 -0.75	43.82 0.25 -1.37	49.47 0.10 -1.80	60.17 0.46 -2.64	61.08 0.86 -3.16	57.89 0.76 -2.93	51.56 0.58 -2.30	46.96 0.62 -1.73	41.50 0.41 -0.48	38.30 0.64 -0.30
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.23 0.47 -0.93	35.32 0.45 -0.63	33.96 0.40 -0.54	29.84 0.38 -0.31	31.20 0.27 -0.42	33.18 0.26 -0.50	34.94 0.41 -0.59	38.07 0.15 -0.82	38.35 0.11 -0.83	36.29 0.00 -0.38	36.37 0.28 -0.72	37.29 0.22 -0.79	38.55 0.19 -0.52	40.00 0.46 -0.93	40.51 0.28 -0.64	43.62 0.25 -1.17	49.07 -0.05 -1.54	59.56 0.23 -2.26	60.28 0.51 -2.71	57.15 0.43 -2.51	51.03 0.39 -1.97	46.58 0.49 -1.49	41.35 0.32 -0.41	38.26 0.64 -0.26
STA_56___34_KV_BUS2 355983	40.23 0.47 -0.93	35.32 0.45 -0.63	33.96 0.40 -0.54	29.84 0.38 -0.31	31.20 0.27 -0.42	33.18 0.26 -0.50	34.94 0.41 -0.59	38.07 0.15 -0.82	38.35 0.11 -0.83	36.29 0.00 -0.38	36.37 0.28 -0.72	37.29 0.22 -0.79	38.55 0.19 -0.52	40.00 0.46 -0.93	40.51 0.28 -0.64	43.62 0.25 -1.17	49.07 -0.05 -1.54	59.56 0.23 -2.26	60.28 0.51 -2.71	57.15 0.43 -2.51	51.03 0.39 -1.97	46.58 0.49 -1.49	41.35 0.32 -0.41	38.26 0.64 -0.26
STA_67___115KV_BK2 355882	40.39 0.66 -0.90	35.47 0.62 -0.61	34.14 0.59 -0.53	30.00 0.55 -0.30	31.37 0.46 -0.40	33.36 0.45 -0.48	35.09 0.58 -0.57	38.19 0.30 -0.79	38.47 0.26 -0.81	36.42 0.14 -0.36	36.49 0.42 -0.69	37.41 0.36 -0.76	38.69 0.34 -0.50	40.13 0.62 -0.90	40.60 0.40 -0.62	43.75 0.42 -1.13	49.12 0.05 -1.49	59.60 0.34 -2.19	60.36 0.68 -2.62	57.23 0.60 -2.43	51.11 0.54 -1.91	46.71 0.67 -1.44	41.50 0.49 -0.39	38.44 0.82 -0.25
STA_7___115KV_9TRANS 80674	40.67 0.93 -0.90	35.68 0.82 -0.61	34.31 0.76 -0.53	30.15 0.70 -0.30	31.52 0.61 -0.40	33.53 0.62 -0.49	35.29 0.78 -0.57	38.46 0.56 -0.79	38.70 0.49 -0.81	36.63 0.36 -0.37	36.74 0.67 -0.70	37.66 0.62 -0.76	38.95 0.61 -0.50	40.40 0.89 -0.91	40.92 0.71 -0.62	44.09 0.76 -1.14	49.50 0.43 -1.50	60.12 0.86 -2.20	60.89 1.20 -2.62	57.72 1.08 -2.43	51.55 0.97 -1.91	47.07 1.03 -1.44	41.78 0.77 -0.40	38.70 1.08 -0.25
STA_82___115KV_TB1 80780	40.45 0.70 -0.91	35.52 0.65 -0.62	34.15 0.59 -0.53	30.00 0.55 -0.30	31.38 0.46 -0.41	33.37 0.45 -0.49	35.10 0.58 -0.58	38.24 0.33 -0.80	38.48 0.26 -0.82	36.42 0.14 -0.37	36.53 0.46 -0.70	37.42 0.36 -0.77	38.70 0.34 -0.51	40.14 0.62 -0.92	40.65 0.44 -0.63	43.77 0.42 -1.15	49.14 0.05 -1.52	59.63 0.34 -2.22	60.41 0.68 -2.66	57.27 0.60 -2.46	51.19 0.58 -1.94	46.77 0.71 -1.46	41.50 0.49 -0.40	38.44 0.82 -0.25
STEEL___WIND 323596	40.86 1.05 -0.98	36.01 1.10 -0.66	34.72 1.12 -0.57	30.55 1.08 -0.32	31.83 0.89 -0.44	33.92 0.97 -0.53	35.58 1.02 -0.62	38.15 0.19 -0.86	38.58 0.30 -0.88	36.38 0.07 -0.40	36.72 0.60 -0.75	37.55 0.44 -0.83	39.57 1.17 -0.55	40.86 1.27 -0.98	40.62 0.36 -0.67	43.76 0.34 -1.23	49.72 0.52 -1.62	59.33 -0.11 -2.38	59.91 0.00 -2.84	57.00 0.16 -2.64	50.94 0.20 -2.07	46.61 0.45 -1.56	41.69 0.65 -0.43	39.13 1.50 -0.27
STEPHTWN_115KV_BK_2 55603	38.40 0.16 0.59	34.02 0.10 0.33	32.84 0.10 0.28	29.19 0.12 0.07	30.50 0.15 0.16	32.37 0.16 0.21	33.90 0.20 0.24	37.08 0.30 0.33	36.79 0.22 0.84	34.89 0.18 1.20	34.63 0.04 0.78	35.31 -0.04 0.94	36.82 -0.11 0.91	37.67 -0.15 0.78	39.03 0.00 0.56	41.45 -0.08 0.66	46.79 0.05 0.83	56.76 0.00 0.31	56.73 -0.06 0.28	53.81 0.00 0.39	48.19 0.05 0.52	44.02 0.09 0.67	40.41 0.16 0.37	37.29 -0.07 0.00
STEBEN_REC_LFGE 323667	41.73 1.67 -1.22	36.79 1.71 -0.82	35.39 1.65 -0.71	31.04 1.49 -0.40	32.49 1.43 -0.55	34.70 1.62 -0.66	36.45 1.73 -0.78	39.44 1.26 -1.07	39.58 1.08 -1.09	37.09 0.68 -0.50	37.30 0.99 -0.94	38.11 0.80 -1.03	39.25 0.72 -0.68	40.87 1.04 -1.23	41.18 0.75 -0.84	44.58 0.84 -1.54	50.32 0.71 -2.03	61.53 1.48 -2.98	62.84 2.23 -3.56	59.40 1.90 -3.30	53.01 1.75 -2.59	48.25 1.69 -1.95	42.53 1.38 -0.54	39.57 1.87 -0.34
STILLWATER___SOLAR 323814	38.93 0.89 0.80	34.62 0.82 0.46	33.43 0.79 0.38	29.75 0.70 0.10	31.02 0.73 0.22	32.88 0.75 0.29	34.39 0.78 0.33	37.59 0.93 0.45	36.97 0.71 1.14	34.84 0.57 1.64	34.63 0.32 1.06	35.33 0.33 1.28	36.91 0.30 1.24	37.93 0.39 1.06	39.43 0.59 0.76	41.89 0.59 0.90	47.35 0.90 1.13	58.01 1.37 0.42	58.11 1.43 0.38	55.03 1.36 0.53	49.27 1.31 0.71	44.98 1.29 0.91	41.25 1.14 0.50	38.30 0.93 0.00
STONY___BROOK 24151	41.81 2.10 -0.88	36.46 1.71 -0.50	34.53 1.09 -0.42	30.13 0.87 -0.11	31.33 0.58 -0.24	33.23 0.49 -0.32	35.01 0.71 -0.36	38.56 0.96 -0.49	39.89 1.23 -1.25	39.18 1.47 -1.80	38.51 1.98 -1.16	39.51 1.81 -1.41	40.73 1.52 -1.36	41.47 1.70 -1.17	42.65 2.22 -0.84	44.61 1.44 -0.98	50.10 1.29 -1.24	58.78 1.25 -0.46	58.16 0.69 -0.41	55.28 0.49 -0.59	49.93 0.49 -0.77	46.04 0.45 -0.99	41.97 0.81 -0.55	38.94 1.57 0.00
STURGEON_POOL_HYD 23609	40.65 1.36 -0.46	35.71 1.20 -0.26	34.27 1.02 -0.22	30.08 0.87 -0.06	31.52 0.88 -0.13	33.40 0.81 -0.17	34.97 0.85 -0.19	38.37 1.00 -0.26	39.14 1.08 -0.65	38.03 1.19 -0.93	37.21 1.24 -0.60	38.50 1.49 -0.73	40.06 1.51 -0.70	40.68 1.47 -0.60	41.69 1.66 -0.43	44.31 1.60 -0.51	50.07 1.86 -0.64	59.13 1.83 -0.24	58.99 1.71 -0.22	56.14 1.63 -0.30	50.58 1.51 -0.41	46.59 1.47 -0.52	42.52 1.62 -0.29	38.71 1.35 0.00

ST_LAW_115_BK7_LBMP 345037	31.00 0.08 7.91	27.47 0.03 6.81	23.79 0.07 9.30	21.80 0.03 7.38	23.38 0.09 7.22	23.14 0.13 9.42	24.88 0.14 9.19	29.20 0.22 8.13	29.58 0.26 8.09	29.60 0.29 6.60	28.99 0.28 6.66	29.98 0.26 6.56	31.92 0.27 6.19	38.67 0.19 0.13	33.63 0.24 6.20	40.69 0.25 1.76	42.50 0.24 5.31	53.56 0.17 3.68	53.09 0.29 4.26	49.84 0.22 4.58	42.99 0.15 5.82	37.93 0.09 6.76	33.39 0.08 7.30	29.50 0.04 7.91
ST_LAW_115_BK8_LBMP 345038	31.00 0.08 7.91	27.47 0.03 6.81	23.79 0.07 9.30	21.80 0.03 7.38	23.38 0.09 7.22	23.14 0.13 9.42	24.88 0.14 9.19	29.20 0.22 8.13	29.58 0.26 8.09	29.60 0.29 6.60	28.99 0.28 6.66	29.98 0.26 6.56	31.92 0.27 6.19	38.67 0.19 0.13	33.63 0.24 6.20	40.69 0.25 1.76	42.50 0.24 5.31	53.56 0.17 3.68	53.09 0.29 4.26	49.84 0.22 4.58	42.99 0.15 5.82	37.93 0.09 6.76	33.39 0.08 7.30	29.50 0.04 7.91
ST_LAW_230_BK5_LBMP 345035	34.23 0.04 4.64	30.29 0.03 4.00	27.60 0.03 5.46	24.85 0.03 4.33	26.33 0.06 4.24	27.03 0.13 5.52	28.65 0.10 5.39	32.53 0.19 4.77	32.88 0.23 4.74	32.29 0.25 3.87	31.71 0.25 3.90	32.65 0.22 3.85	34.44 0.23 3.63	38.72 0.19 0.08	36.15 0.20 3.64	41.42 0.25 1.03	44.70 0.24 3.12	55.08 0.17 2.16	54.79 0.23 2.50	51.74 0.22 2.69	45.40 0.15 3.41	40.68 0.04 3.96	36.41 0.08 4.28	32.77 0.04 4.64
ST_LAW_230_BK6_LBMP 345036	34.23 0.04 4.64	30.29 0.03 4.00	27.60 0.03 5.46	24.85 0.03 4.33	26.33 0.06 4.24	27.03 0.13 5.52	28.65 0.10 5.39	32.53 0.19 4.77	32.88 0.23 4.74	32.29 0.25 3.87	31.71 0.25 3.90	32.65 0.22 3.85	34.44 0.23 3.63	38.72 0.19 0.08	36.15 0.20 3.64	41.42 0.25 1.03	44.70 0.24 3.12	55.08 0.17 2.16	54.79 0.23 2.50	51.74 0.22 2.69	45.40 0.15 3.41	40.68 0.04 3.96	36.41 0.08 4.28	32.77 0.04 4.64
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.82 1.20 -0.78	35.79 1.10 -0.45	34.29 0.89 -0.38	30.01 0.76 -0.10	31.46 0.73 -0.22	33.39 0.68 -0.28	35.00 0.75 -0.32	38.44 0.89 -0.44	39.49 0.97 -1.12	38.55 1.04 -1.60	37.50 1.10 -1.03	38.88 1.34 -1.25	40.42 1.36 -1.21	40.91 1.27 -1.03	41.80 1.46 -0.74	44.38 1.31 -0.87	50.11 1.43 -1.10	58.85 1.37 -0.41	58.74 1.31 -0.37	55.92 1.19 -0.52	50.53 1.17 -0.70	46.65 1.16 -0.89	42.44 1.34 -0.49	38.57 1.20 0.00
SWANROAD_115KV_TB1 355699	40.02 0.23 -0.95	35.23 0.34 -0.64	34.01 0.43 -0.56	29.93 0.47 -0.31	31.18 0.24 -0.43	33.20 0.26 -0.51	34.68 0.14 -0.60	37.28 -0.67 -0.83	37.66 -0.60 -0.85	35.58 -0.72 -0.39	36.00 -0.11 -0.73	36.69 -0.40 -0.80	37.81 -0.57 -0.53	39.56 0.00 -0.96	39.65 -0.59 -0.65	42.59 -0.80 -1.20	47.20 -1.95 -1.58	57.04 -2.34 -2.32	58.12 -1.71 -2.77	54.77 -2.01 -2.57	49.32 -1.36 -2.02	45.41 -0.71 -1.52	40.46 -0.57 -0.42	38.15 0.52 -0.26
SYNERGY___BIOGAS 323694	41.48 1.71 -0.94	36.46 1.58 -0.63	35.06 1.49 -0.55	30.86 1.40 -0.31	32.18 1.25 -0.42	34.23 1.30 -0.50	35.99 1.46 -0.60	38.93 1.00 -0.82	39.14 0.90 -0.84	36.94 0.65 -0.38	37.19 1.10 -0.72	37.98 0.91 -0.79	39.20 0.83 -0.52	40.86 1.31 -0.94	41.15 0.91 -0.64	44.35 0.97 -1.18	49.18 0.05 -1.56	59.75 0.40 -2.29	60.82 1.03 -2.73	57.55 0.81 -2.53	51.53 0.88 -1.99	47.26 1.16 -1.50	41.96 0.93 -0.41	39.31 1.68 -0.26
SYRACUSE___ENERGY_ST1 323597	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.07 0.07 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 -0.07 -3.14	40.19 -0.04 -2.38	41.10 0.04 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.58 0.10 -4.91	63.81 0.23 -6.52	65.23 0.40 -7.77	61.89 0.38 -7.30	55.07 0.29 -6.11	49.91 0.31 -4.99	43.05 0.16 -2.27	39.53 0.19 -1.98
SYRACUSE___ENERGY_ST2 323598	42.65 0.08 -3.74	37.12 0.10 -2.76	36.05 0.07 -2.96	31.23 0.06 -2.02	32.85 0.06 -2.28	35.35 0.06 -2.86	37.07 0.07 -3.06	40.58 0.00 -3.47	40.84 -0.07 -3.51	37.84 -0.14 -2.08	38.24 -0.11 -2.97	39.35 -0.07 -3.14	40.19 -0.04 -2.38	41.10 0.04 -2.46	42.28 0.00 -2.69	45.59 0.04 -3.35	52.58 0.10 -4.91	63.81 0.23 -6.52	65.23 0.40 -7.77	61.89 0.38 -7.30	55.07 0.29 -6.11	49.91 0.31 -4.99	43.05 0.16 -2.27	39.53 0.19 -1.98
SYRACUSE___POWER 24017	42.21 0.04 -3.34	36.81 0.03 -2.52	35.88 0.03 -2.82	31.17 0.03 -1.99	32.72 0.03 -2.18	35.22 0.03 -2.76	36.87 0.03 -2.90	40.22 -0.04 -3.15	40.47 -0.11 -3.17	37.72 -0.18 -1.99	37.90 -0.14 -2.68	38.97 -0.11 -2.80	39.96 -0.08 -2.20	40.45 -0.04 -1.89	41.94 -0.08 -2.43	44.82 -0.04 -2.67	51.65 0.00 -4.07	62.45 0.17 -5.21	63.60 0.34 -6.20	60.39 0.33 -5.86	53.94 0.24 -5.03	49.10 0.27 -4.23	42.92 0.12 -2.18	39.51 0.15 -1.99
TALLMAN_138KV_BK151 55660	41.09 1.44 -0.82	36.02 1.30 -0.47	34.47 1.06 -0.39	30.13 0.87 -0.10	31.59 0.85 -0.23	33.53 0.81 -0.30	35.19 0.92 -0.34	38.68 1.11 -0.46	39.81 1.23 -1.17	38.92 1.33 -1.68	37.84 1.38 -1.09	39.27 1.67 -1.32	40.82 1.70 -1.27	41.28 1.58 -1.09	42.15 1.78 -0.78	44.76 1.65 -0.92	50.50 1.76 -1.16	59.21 1.71 -0.43	59.05 1.60 -0.39	56.16 1.41 -0.55	50.81 1.41 -0.73	46.92 1.38 -0.94	42.67 1.54 -0.51	38.75 1.38 0.00
TEALLAVE_115KV_TB7 355573	41.96 -0.12 -3.25	36.63 -0.10 -2.48	35.75 -0.10 -2.83	31.08 -0.09 -2.02	32.60 -0.09 -2.19	35.10 -0.10 -2.77	36.73 -0.10 -2.89	39.97 -0.22 -3.08	40.25 -0.26 -3.11	37.58 -0.32 -1.99	37.70 -0.28 -2.61	38.75 -0.25 -2.72	39.78 -0.23 -2.17	40.12 -0.19 -1.71	41.77 -0.20 -2.38	44.44 -0.21 -2.46	51.17 -0.24 -3.83	61.70 -0.17 -4.80	62.78 0.00 -5.71	59.63 0.00 -5.42	53.32 -0.05 -4.71	48.62 0.00 -4.01	42.72 -0.08 -2.19	39.36 -0.04 -2.03
TELGRAPH_34_KV_EAST 80808	40.83 1.05 -0.94	35.88 0.99 -0.63	34.56 0.99 -0.55	30.42 0.96 -0.31	31.72 0.79 -0.42	33.74 0.81 -0.51	35.42 0.88 -0.60	38.23 0.30 -0.83	38.55 0.30 -0.84	36.40 0.11 -0.38	36.73 0.64 -0.73	37.51 0.44 -0.80	38.71 0.34 -0.53	40.36 0.81 -0.95	40.59 0.36 -0.65	43.68 0.30 -1.19	48.38 -0.76 -1.56	58.68 -0.68 -2.30	59.69 -0.11 -2.74	56.37 -0.38 -2.54	50.62 -0.05 -2.00	46.46 0.36 -1.51	41.35 0.32 -0.41	38.86 1.23 -0.26
TEMPLE___115KV_TB 2 55572	41.93 -0.12 -3.21	36.64 -0.07 -2.45	35.74 -0.07 -2.79	31.08 -0.06 -1.99	32.57 -0.09 -2.16	35.06 -0.10 -2.73	36.69 -0.10 -2.85	39.97 -0.19 -3.05	40.22 -0.26 -3.07	37.55 -0.32 -1.96	37.71 -0.25 -2.59	38.72 -0.25 -2.69	39.76 -0.23 -2.14	40.16 -0.15 -1.71	41.75 -0.20 -2.36	44.48 -0.17 -2.46	51.20 -0.19 -3.81	61.75 -0.11 -4.80	62.83 0.06 -5.71	59.67 0.05 -5.41	53.36 0.00 -4.69	48.64 0.04 -3.99	42.73 -0.04 -2.16	39.37 0.00 -2.00
TIANA___69_KV_BK 1 55817	41.73 2.02 -0.88	36.40 1.64 -0.50	34.44 0.99 -0.42	30.08 0.82 -0.11	31.21 0.46 -0.24	33.13 0.39 -0.32	34.94 0.64 -0.36	38.45 0.85 -0.49	39.85 1.20 -1.25	39.15 1.44 -1.80	38.48 1.95 -1.16	39.91 2.21 -1.41	41.48 2.27 -1.36	42.01 2.24 -1.17	43.01 2.57 -0.84	45.33 2.15 -0.98	51.34 2.52 -1.24	59.81 2.28 -0.46	59.19 1.71 -0.41	56.09 1.30 -0.59	50.46 1.02 -0.77	46.44 0.85 -0.99	42.79 1.62 -0.55	38.98 1.61 0.00

TILDEN___115KV_TB1 80814	42.21 0.04 -3.34	36.81 0.03 -2.52	35.88 0.03 -2.82	31.17 0.03 -1.99	32.72 0.03 -2.18	35.22 0.03 -2.76	36.87 0.03 -2.90	40.22 -0.04 -3.15	40.47 -0.11 -3.17	37.72 -0.18 -1.99	37.90 -0.14 -2.68	38.97 -0.11 -2.80	39.96 -0.08 -2.20	40.45 -0.04 -1.89	41.94 -0.08 -2.43	44.82 -0.04 -2.67	51.65 0.00 -4.07	62.45 0.17 -5.21	63.60 0.34 -6.20	60.39 0.33 -5.86	53.94 0.24 -5.03	49.10 0.27 -4.23	42.92 0.12 -2.18	39.51 0.15 -1.99
TRIGEN___CC 323695	41.50 1.79 -0.88	36.33 1.58 -0.50	34.50 1.06 -0.42	30.14 0.87 -0.11	31.42 0.67 -0.24	33.33 0.58 -0.32	35.08 0.78 -0.36	38.57 0.96 -0.49	39.85 1.20 -1.25	39.11 1.40 -1.80	38.30 1.77 -1.16	39.66 1.96 -1.42	41.22 2.01 -1.37	41.60 1.81 -1.18	42.46 2.02 -0.85	44.82 1.65 -0.98	50.62 1.81 -1.24	59.07 1.54 -0.46	58.62 1.14 -0.41	55.66 0.87 -0.59	50.27 0.83 -0.78	46.44 0.85 -1.00	42.54 1.38 -0.55	38.83 1.46 0.00
TRINITY___115KV___4 BK 55933	38.05 -0.19 0.59	33.74 -0.17 0.34	32.57 -0.17 0.28	28.99 -0.09 0.08	30.22 -0.12 0.16	32.08 -0.13 0.21	33.59 -0.10 0.24	36.74 -0.04 0.33	36.48 -0.07 0.85	34.62 -0.07 1.22	34.41 -0.18 0.79	35.11 -0.22 0.95	36.63 -0.30 0.92	37.43 -0.39 0.79	38.79 -0.24 0.56	41.20 -0.34 0.66	46.45 -0.29 0.84	56.30 -0.46 0.31	56.21 -0.57 0.28	53.27 -0.54 0.40	47.75 -0.39 0.53	43.61 -0.31 0.68	40.04 -0.20 0.37	37.00 -0.37 0.00
UNION___PROCESSING_DRP 323587	40.45 0.70 -0.92	35.52 0.65 -0.62	34.15 0.59 -0.54	30.01 0.55 -0.30	31.38 0.46 -0.41	33.37 0.45 -0.49	35.13 0.61 -0.58	38.25 0.33 -0.81	38.49 0.26 -0.82	36.43 0.14 -0.37	36.54 0.46 -0.71	37.42 0.36 -0.78	38.74 0.38 -0.51	40.18 0.66 -0.92	40.66 0.44 -0.63	43.78 0.42 -1.16	49.19 0.10 -1.52	59.70 0.40 -2.24	60.48 0.74 -2.67	57.28 0.60 -2.48	51.20 0.58 -1.95	46.78 0.71 -1.47	41.54 0.53 -0.40	38.48 0.86 -0.25
UPPER HUDSON___HYD 24058	38.66 0.54 0.72	34.46 0.62 0.41	33.27 0.60 0.34	29.55 0.50 0.09	30.89 0.58 0.20	32.68 0.52 0.26	34.15 0.51 0.29	37.27 0.56 0.40	36.68 0.30 1.02	34.62 0.18 1.47	34.31 -0.11 0.95	35.03 -0.11 1.15	36.51 -0.23 1.11	37.58 -0.08 0.95	39.03 0.12 0.68	41.52 0.13 0.80	47.04 0.48 1.01	57.60 0.91 0.38	57.80 1.08 0.34	54.75 1.03 0.48	49.00 0.97 0.64	44.85 1.07 0.82	41.06 0.89 0.45	38.08 0.71 0.00
UPPER RAQUET___HYD 24056	91.87 0.78 -52.26	79.83 0.65 -44.93	94.97 0.73 -61.22	78.26 0.61 -48.50	78.75 0.70 -47.54	95.18 0.81 -61.94	95.30 0.85 -60.51	91.77 1.00 -53.66	91.84 1.05 -53.39	80.29 0.97 -43.41	80.24 0.92 -43.95	80.52 0.87 -43.36	79.55 0.87 -40.83	40.63 0.77 -1.26	81.29 0.79 -40.91	55.20 0.93 -12.07	83.98 0.90 -35.50	82.99 0.80 -25.13	87.15 0.97 -29.12	86.30 0.98 -31.12	88.46 0.78 -39.01	90.39 0.85 -44.94	89.55 0.89 -48.05	90.02 0.71 -51.94
VALLEY44_115KV_TB2 355964	40.43 0.58 -1.02	35.86 0.92 -0.68	34.57 0.96 -0.59	30.27 0.79 -0.34	31.60 0.64 -0.45	33.72 0.75 -0.55	35.47 0.88 -0.65	38.00 0.00 -0.89	38.42 0.11 -0.91	36.14 -0.18 -0.41	36.54 0.39 -0.78	37.39 0.25 -0.86	38.49 0.08 -0.57	39.97 0.35 -1.02	40.13 -0.16 -0.70	43.18 -0.30 -1.28	48.26 -1.00 -1.68	58.91 -0.63 -2.47	60.19 0.17 -2.95	56.78 -0.16 -2.74	50.92 0.10 -2.15	46.45 0.22 -1.62	41.26 0.20 -0.45	38.84 1.20 -0.28
VALLEY___115KV_TB 1-4 80826	39.83 -0.23 -1.23	35.10 -0.21 -1.06	34.27 -0.20 -1.44	30.09 -0.20 -1.14	31.48 -0.15 -1.12	33.72 -0.16 -1.46	35.23 -0.14 -1.43	38.22 -0.15 -1.26	38.43 -0.22 -1.25	36.65 -0.29 -1.02	36.08 -0.32 -1.03	37.01 -0.29 -1.02	38.47 -0.34 -0.96	38.28 -0.35 -0.02	40.16 -0.40 -0.96	42.09 -0.38 -0.27	48.07 -0.33 -0.82	57.29 -0.34 -0.57	57.44 -0.29 -0.66	54.64 -0.27 -0.71	49.28 -0.29 -0.90	45.47 -0.18 -1.05	41.54 -0.20 -1.13	38.33 -0.26 -1.23
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.13 1.67 -0.63	36.11 1.44 -0.42	34.78 1.39 -0.37	30.52 1.17 -0.21	32.04 1.25 -0.28	34.03 1.26 -0.34	35.63 1.29 -0.40	39.04 1.37 -0.55	39.35 1.38 -0.56	37.35 1.19 -0.26	37.02 1.17 -0.49	38.16 1.34 -0.53	39.48 1.29 -0.35	40.55 1.31 -0.63	41.29 1.27 -0.43	44.55 1.56 -0.79	50.48 1.86 -1.05	60.88 2.28 -1.54	61.24 2.34 -1.84	58.24 2.33 -1.70	52.20 2.19 -1.34	47.66 2.05 -1.01	42.72 1.83 -0.28	39.22 1.68 -0.17
VISCHER___FERRY HYD 24020	38.38 0.54 0.99	34.16 0.48 0.57	32.97 0.43 0.48	29.43 0.41 0.13	30.63 0.40 0.27	32.46 0.39 0.36	33.97 0.44 0.41	37.14 0.59 0.56	36.51 0.52 1.42	34.37 0.50 2.04	34.37 0.32 1.32	35.05 0.36 1.59	36.54 0.23 1.54	37.56 0.27 1.32	39.12 0.48 0.94	41.51 0.42 1.11	46.74 0.57 1.41	57.40 0.86 0.52	57.39 0.80 0.47	54.24 0.70 0.66	48.51 0.73 0.89	44.22 0.76 1.14	40.60 0.61 0.62	37.82 0.45 0.00
V_A_10_SYNC_DSASP 323832	40.36 0.62 -0.91	35.55 0.69 -0.61	34.25 0.69 -0.53	30.15 0.70 -0.30	31.43 0.52 -0.41	33.46 0.55 -0.49	35.02 0.51 -0.58	37.76 -0.15 -0.80	38.14 -0.07 -0.81	36.06 -0.22 -0.37	36.39 0.32 -0.70	37.16 0.11 -0.77	38.31 -0.04 -0.51	39.98 0.46 -0.91	40.18 -0.04 -0.62	43.13 -0.21 -1.15	47.94 -1.14 -1.51	58.08 -1.20 -2.21	59.02 -0.68 -2.64	55.73 -0.92 -2.45	50.11 -0.49 -1.93	46.01 -0.04 -1.45	40.97 -0.04 -0.40	38.48 0.86 -0.25
V_CMM_10_SYNC_DSASP 323787	31.16 0.23 7.91	27.61 0.17 6.81	23.92 0.20 9.30	21.94 0.17 7.38	23.50 0.21 7.22	23.30 0.29 9.42	25.02 0.27 9.19	29.35 0.37 8.13	29.73 0.41 8.09	29.78 0.47 6.60	29.14 0.42 6.66	30.15 0.44 6.56	32.07 0.42 6.19	38.86 0.39 0.13	33.79 0.40 6.20	40.85 0.42 1.76	42.74 0.48 5.31	53.90 0.51 3.68	53.26 0.46 4.26	50.06 0.43 4.58	43.24 0.39 5.82	38.07 0.22 6.76	33.51 0.20 7.30	29.69 0.22 7.91
V_CMP_10_SYNC_DSASP 323788	43.90 1.13 -3.94	38.67 1.03 -3.40	38.65 0.99 -4.64	33.70 0.87 -3.68	35.12 1.01 -3.60	38.32 1.20 -4.69	39.78 1.26 -4.58	42.65 1.49 -4.05	43.04 1.61 -4.03	40.74 1.54 -3.29	40.17 1.49 -3.32	41.08 1.52 -3.27	42.41 1.47 -3.09	40.10 1.43 -0.06	44.18 1.50 -3.09	44.68 1.60 -0.88	51.46 1.23 -2.65	60.22 1.31 -1.84	60.50 1.31 -2.12	57.57 1.08 -2.28	52.59 1.02 -2.90	48.91 0.94 -3.37	45.84 1.58 -3.64	42.51 1.20 -3.94
V_D_10_SYNC_DSASP 323841	114.92 0.54 -75.55	99.79 0.48 -65.06	122.36 0.50 -88.84	100.02 0.41 -70.47	99.99 0.49 -68.99	122.93 0.58 -89.92	122.30 0.58 -87.78	115.47 0.70 -77.66	115.40 0.75 -77.25	99.70 0.79 -63.00	99.72 0.78 -63.58	99.69 0.73 -62.68	97.76 0.76 -59.16	40.53 0.70 -1.23	99.53 0.75 -59.19	59.84 0.80 -16.84	99.17 0.86 -50.74	93.14 0.91 -35.17	98.73 0.97 -40.70	98.87 0.92 -43.74	105.02 0.78 -55.58	109.76 0.62 -64.53	110.97 0.61 -69.74	113.40 0.52 -75.51
V_E_10_SYNC_DSASP 323830	43.20 3.14 -1.22	37.75 2.67 -0.82	36.31 2.58 -0.71	31.74 2.19 -0.40	33.44 2.38 -0.55	35.61 2.53 -0.66	37.43 2.72 -0.77	40.92 2.75 -1.07	40.96 2.47 -1.09	38.27 1.87 -0.49	38.08 1.77 -0.94	39.20 1.89 -1.03	40.46 1.93 -0.68	41.80 1.97 -1.22	42.13 1.70 -0.84	46.22 2.49 -1.54	52.98 3.38 -2.02	64.77 4.73 -2.97	65.69 5.08 -3.55	62.54 5.04 -3.29	55.78 4.53 -2.59	50.52 3.97 -1.95	44.40 3.25 -0.54	40.70 2.99 -0.34

V_F_30_NSYNC___DSASP 323816	39.00 0.93 0.76	34.71 0.89 0.43	33.51 0.86 0.37	29.78 0.73 0.10	31.09 0.79 0.21	32.96 0.81 0.28	34.47 0.85 0.31	37.64 0.96 0.43	37.10 0.79 1.09	34.99 0.65 1.56	34.75 0.39 1.01	35.50 0.44 1.22	37.04 0.38 1.18	38.06 0.46 1.01	39.54 0.67 0.72	42.06 0.72 0.85	47.50 1.00 1.08	58.15 1.48 0.40	58.24 1.54 0.36	55.10 1.41 0.51	49.35 1.36 0.68	45.11 1.38 0.87	41.35 1.22 0.48	38.38 1.01 0.00
V_F_30_SYNC_DSASP 323786	38.18 -0.04 0.61	33.83 -0.07 0.35	32.66 -0.07 0.29	29.07 0.00 0.08	30.34 0.00 0.17	32.20 0.00 0.22	33.69 0.00 0.25	36.84 0.07 0.34	36.56 0.04 0.88	34.65 0.00 1.26	34.45 -0.11 0.81	35.15 -0.15 0.98	36.67 -0.23 0.95	37.52 -0.27 0.81	38.89 -0.12 0.58	41.30 -0.21 0.69	46.57 -0.14 0.87	56.46 -0.29 0.32	56.43 -0.34 0.29	53.47 -0.33 0.41	47.93 -0.19 0.55	43.77 -0.13 0.70	40.15 -0.08 0.38	37.15 -0.22 0.00
V_XM_10_SYNC_DSASP 323789	43.90 1.13 -3.94	38.67 1.03 -3.40	38.65 0.99 -4.64	33.70 0.87 -3.68	35.12 1.01 -3.60	38.32 1.20 -4.69	39.78 1.26 -4.58	42.65 1.49 -4.05	43.04 1.61 -4.03	40.74 1.54 -3.29	40.17 1.49 -3.32	41.08 1.52 -3.27	42.41 1.47 -3.09	40.10 1.43 -0.06	44.18 1.50 -3.09	44.68 1.60 -0.88	51.46 1.23 -2.65	60.22 1.31 -1.84	60.50 1.31 -2.12	57.57 1.08 -2.28	52.59 1.02 -2.90	48.91 0.94 -3.37	45.84 1.58 -3.64	42.51 1.20 -3.94
W.BABYLN_69_KV_BK1 56697	42.08 2.37 -0.88	36.77 2.02 -0.50	34.83 1.39 -0.42	30.40 1.14 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.23 1.57 -1.25	39.50 1.80 -1.80	38.79 2.26 -1.16	40.20 2.50 -1.42	41.75 2.54 -1.37	42.21 2.43 -1.17	43.13 2.69 -0.84	45.33 2.15 -0.98	51.29 2.47 -1.24	59.75 2.23 -0.46	59.19 1.71 -0.41	56.15 1.36 -0.59	50.66 1.22 -0.78	46.71 1.12 -0.99	43.11 1.95 -0.55	39.31 1.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.26 1.59 -0.83	36.17 1.44 -0.48	34.61 1.19 -0.40	30.25 0.99 -0.11	31.72 0.98 -0.23	33.67 0.94 -0.30	35.37 1.09 -0.34	38.84 1.26 -0.47	40.02 1.42 -1.19	39.09 1.47 -1.71	38.03 1.56 -1.10	39.43 1.81 -1.34	40.99 1.85 -1.29	41.49 1.78 -1.10	42.36 1.98 -0.79	44.99 1.86 -0.93	50.75 2.00 -1.18	59.56 2.05 -0.44	59.34 1.88 -0.39	56.44 1.68 -0.56	51.02 1.61 -0.74	47.12 1.56 -0.95	42.84 1.71 -0.52	38.90 1.53 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.57 1.86 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.37 1.11 -0.11	31.85 1.10 -0.24	33.75 1.01 -0.32	35.42 1.12 -0.36	38.97 1.37 -0.49	40.23 1.57 -1.25	39.40 1.69 -1.80	38.30 1.77 -1.16	39.76 2.07 -1.41	41.32 2.12 -1.36	41.77 2.01 -1.16	42.68 2.26 -0.83	45.24 2.07 -0.98	50.96 2.14 -1.24	59.58 2.05 -0.46	59.42 1.94 -0.41	56.53 1.73 -0.59	51.10 1.65 -0.78	47.25 1.65 -1.00	42.99 1.83 -0.55	39.09 1.72 0.00
W50THST__13_KV_LOAD 356117	41.81 2.10 -0.88	36.57 1.82 -0.50	34.93 1.49 -0.42	30.51 1.25 -0.11	32.03 1.28 -0.24	33.94 1.20 -0.32	35.59 1.29 -0.36	39.16 1.56 -0.49	40.45 1.80 -1.25	39.61 1.90 -1.80	38.51 1.98 -1.16	39.97 2.29 -1.41	41.58 2.38 -1.36	42.01 2.24 -1.16	42.96 2.53 -0.83	45.54 2.36 -0.98	51.29 2.47 -1.24	59.98 2.45 -0.46	59.76 2.28 -0.41	56.85 2.06 -0.59	51.40 1.95 -0.78	47.52 1.92 -1.00	43.23 2.07 -0.55	39.28 1.91 0.00
WADING RIVER_IC_1 23522	41.30 1.59 -0.88	36.02 1.27 -0.50	34.10 0.66 -0.42	29.76 0.50 -0.11	30.90 0.15 -0.24	32.78 0.03 -0.32	34.57 0.27 -0.36	38.08 0.48 -0.49	39.41 0.75 -1.25	38.71 1.00 -1.80	38.05 1.52 -1.16	39.00 1.30 -1.41	40.23 1.02 -1.36	40.97 1.20 -1.17	42.17 1.74 -0.84	44.10 0.93 -0.98	49.57 0.76 -1.24	58.16 0.63 -0.46	57.53 0.06 -0.41	54.63 -0.16 -0.59	49.34 -0.10 -0.77	45.51 -0.09 -0.99	41.49 0.32 -0.55	38.45 1.08 0.00
WADING RIVER_IC_2 23547	41.30 1.59 -0.88	36.02 1.27 -0.50	34.10 0.66 -0.42	29.76 0.50 -0.11	30.90 0.15 -0.24	32.78 0.03 -0.32	34.57 0.27 -0.36	38.08 0.48 -0.49	39.41 0.75 -1.25	38.71 1.00 -1.80	38.05 1.52 -1.16	39.00 1.30 -1.41	40.23 1.02 -1.36	40.97 1.20 -1.17	42.17 1.74 -0.84	44.10 0.93 -0.98	49.57 0.76 -1.24	58.16 0.63 -0.46	57.53 0.06 -0.41	54.63 -0.16 -0.59	49.34 -0.10 -0.77	45.51 -0.09 -0.99	41.49 0.32 -0.55	38.45 1.08 0.00
WADING RIVER_IC_3 23601	41.30 1.59 -0.88	36.02 1.27 -0.50	34.10 0.66 -0.42	29.76 0.50 -0.11	30.90 0.15 -0.24	32.78 0.03 -0.32	34.57 0.27 -0.36	38.08 0.48 -0.49	39.41 0.75 -1.25	38.71 1.00 -1.80	38.05 1.52 -1.16	39.00 1.30 -1.41	40.23 1.02 -1.36	40.97 1.20 -1.17	42.17 1.74 -0.84	44.10 0.93 -0.98	49.57 0.76 -1.24	58.16 0.63 -0.46	57.53 0.06 -0.41	54.63 -0.16 -0.59	49.34 -0.10 -0.77	45.51 -0.09 -0.99	41.49 0.32 -0.55	38.45 1.08 0.00
WALDENNY_12_KV_BK2 80841	40.86 1.05 -0.97	36.00 1.10 -0.66	34.68 1.09 -0.57	30.55 1.08 -0.32	31.83 0.88 -0.44	33.92 0.97 -0.52	35.54 0.98 -0.62	38.15 0.19 -0.85	38.58 0.30 -0.87	36.38 0.07 -0.39	36.83 0.71 -0.75	37.58 0.47 -0.82	38.77 0.38 -0.54	40.43 0.85 -0.98	40.58 0.32 -0.67	43.64 0.21 -1.23	48.48 -0.71 -1.62	58.87 -0.57 -2.37	59.95 0.06 -2.84	56.56 -0.27 -2.63	50.78 0.05 -2.07	46.56 0.40 -1.56	41.45 0.41 -0.43	39.02 1.38 -0.27
WALDEN__HYDRO 24148	40.89 1.36 -0.70	35.88 1.23 -0.40	34.38 1.02 -0.33	30.11 0.87 -0.09	31.55 0.85 -0.19	33.49 0.81 -0.25	35.07 0.85 -0.28	38.50 1.00 -0.39	39.48 1.08 -0.99	38.49 1.15 -1.43	37.49 1.20 -0.92	38.81 1.42 -1.11	40.36 1.44 -1.07	40.92 1.39 -0.92	41.83 1.58 -0.66	44.45 1.48 -0.78	50.22 1.67 -0.98	59.09 1.65 -0.37	58.99 1.60 -0.33	56.13 1.46 -0.46	50.70 1.41 -0.62	46.78 1.38 -0.79	42.55 1.50 -0.44	38.71 1.35 0.00
WARRENSBURG____ 23737	38.66 0.54 0.72	34.46 0.62 0.41	33.27 0.59 0.34	29.55 0.50 0.09	30.89 0.58 0.20	32.68 0.52 0.26	34.19 0.54 0.29	37.26 0.56 0.40	36.68 0.30 1.02	34.62 0.18 1.47	34.31 -0.11 0.95	35.03 -0.11 1.15	36.62 -0.11 1.11	37.62 -0.04 0.95	39.03 0.12 0.68	41.56 0.17 0.80	47.18 0.62 1.01	57.60 0.91 0.38	57.81 1.08 0.34	54.76 1.03 0.48	49.00 0.97 0.64	44.90 1.12 0.82	41.14 0.97 0.45	38.08 0.71 0.00
WATERSIDE____6 8 9 23538	41.54 1.83 -0.88	36.36 1.61 -0.50	34.73 1.29 -0.42	30.40 1.14 -0.11	31.88 1.13 -0.24	33.75 1.01 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.08 1.42 -1.25	39.32 1.62 -1.80	38.23 1.70 -1.16	39.68 2.00 -1.41	41.24 2.04 -1.36	41.66 1.89 -1.16	42.60 2.18 -0.83	45.16 1.98 -0.98	50.67 1.86 -1.24	59.13 1.60 -0.46	58.96 1.48 -0.41	56.09 1.30 -0.59	50.71 1.27 -0.78	47.03 1.43 -1.00	42.91 1.75 -0.55	39.09 1.72 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.22 0.16 -1.23	35.45 0.14 -1.06	34.60 0.13 -1.44	30.41 0.12 -1.14	31.75 0.12 -1.12	33.98 0.10 -1.46	35.47 0.10 -1.43	38.48 0.11 -1.26	38.77 0.11 -1.25	37.01 0.07 -1.02	36.47 0.07 -1.03	37.37 0.07 -1.02	38.88 0.08 -0.96	38.66 0.04 -0.02	40.63 0.08 -0.96	42.55 0.08 -0.27	48.54 0.14 -0.82	57.81 0.17 -0.57	57.89 0.17 -0.66	55.13 0.22 -0.71	49.76 0.19 -0.90	45.83 0.18 -1.05	41.91 0.16 -1.13	38.71 0.11 -1.23

WDELAWARE___HYD 323627	41.17 1.75 -0.59	36.16 1.58 -0.33	34.66 1.35 -0.28	30.39 1.17 -0.07	31.86 1.19 -0.16	33.80 1.17 -0.21	35.40 1.22 -0.24	38.81 1.37 -0.33	39.63 1.38 -0.84	38.48 1.36 -1.20	37.52 1.38 -0.78	38.71 1.49 -0.94	40.23 1.47 -0.91	40.89 1.50 -0.78	41.93 1.78 -0.56	44.67 1.81 -0.66	50.40 2.00 -0.83	59.83 2.45 -0.31	59.74 2.40 -0.28	56.87 2.28 -0.39	51.28 2.09 -0.52	47.28 2.01 -0.67	42.93 1.95 -0.37	39.16 1.79 0.00
WEST BABYLON___IC 23714	42.08 2.37 -0.88	36.77 2.02 -0.50	34.83 1.39 -0.42	30.40 1.14 -0.11	31.60 0.85 -0.24	33.52 0.78 -0.32	35.35 1.05 -0.36	38.86 1.26 -0.49	40.23 1.57 -1.25	39.50 1.80 -1.80	38.79 2.26 -1.16	40.20 2.50 -1.42	41.75 2.54 -1.37	42.21 2.43 -1.17	43.13 2.69 -0.84	45.33 2.15 -0.98	51.29 2.47 -1.24	59.75 2.23 -0.46	59.19 1.71 -0.41	56.15 1.36 -0.59	50.66 1.22 -0.78	46.71 1.12 -0.99	43.11 1.95 -0.55	39.31 1.94 0.00
WEST CANADA___HYD 24049	40.14 0.08 -1.23	35.38 0.07 -1.06	34.53 0.07 -1.44	30.35 0.06 -1.14	31.69 0.06 -1.12	33.92 0.03 -1.46	35.40 0.03 -1.43	38.41 0.04 -1.26	38.70 0.04 -1.25	36.93 0.00 -1.02	36.40 0.00 -1.03	37.30 0.00 -1.02	38.77 -0.04 -0.96	38.59 -0.04 -0.02	40.55 0.00 -0.96	42.47 0.00 -0.27	48.40 0.00 -0.82	57.69 0.06 -0.57	57.72 0.00 -0.66	54.92 0.00 -0.71	49.62 0.05 -0.90	45.69 0.04 -1.05	41.79 0.04 -1.13	38.63 0.04 -1.23
WESTERN_NY_WIND 24143	41.48 1.71 -0.94	36.46 1.58 -0.63	35.06 1.49 -0.55	30.86 1.40 -0.31	32.18 1.25 -0.42	34.20 1.26 -0.51	36.00 1.46 -0.60	38.94 1.00 -0.82	39.14 0.90 -0.84	36.90 0.61 -0.38	37.19 1.10 -0.73	37.95 0.87 -0.79	39.20 0.83 -0.53	40.82 1.27 -0.94	41.15 0.91 -0.65	44.31 0.93 -1.19	49.09 -0.05 -1.56	59.70 0.34 -2.29	60.77 0.97 -2.74	57.45 0.70 -2.54	51.44 0.78 -2.00	47.17 1.07 -1.50	41.92 0.89 -0.41	39.27 1.64 -0.26
WESTOVER___LESR 323668	40.71 0.66 -1.22	35.75 0.69 -0.82	34.43 0.69 -0.71	30.13 0.58 -0.40	31.60 0.55 -0.54	33.69 0.62 -0.65	35.32 0.61 -0.77	38.62 0.45 -1.07	38.94 0.45 -1.09	36.69 0.29 -0.49	36.73 0.42 -0.94	37.75 0.44 -1.03	38.94 0.42 -0.68	40.33 0.50 -1.22	40.82 0.40 -0.83	44.15 0.42 -1.53	49.97 0.38 -2.02	60.71 0.68 -2.96	61.51 0.91 -3.54	58.30 0.81 -3.28	52.02 0.78 -2.58	47.34 0.80 -1.94	41.84 0.69 -0.53	38.56 0.86 -0.33
WETHRSFD_WT_PWR 323626	40.86 0.97 -1.05	35.96 0.99 -0.71	34.63 0.99 -0.62	30.46 0.96 -0.35	31.83 0.85 -0.47	33.93 0.94 -0.57	35.59 0.98 -0.67	38.29 0.26 -0.92	38.54 0.19 -0.94	36.23 -0.11 -0.43	36.46 0.28 -0.81	37.28 0.11 -0.89	39.12 0.68 -0.59	40.48 0.81 -1.06	40.39 0.08 -0.72	43.57 0.04 -1.33	49.61 0.29 -1.75	59.63 0.00 -2.57	60.30 0.17 -3.07	57.38 0.33 -2.84	51.29 0.39 -2.24	46.86 0.58 -1.68	41.72 0.65 -0.46	39.04 1.38 -0.29
WHAVSTOR_138KV_BK127 55557	41.07 1.40 -0.84	36.00 1.27 -0.48	34.45 1.02 -0.40	30.10 0.85 -0.11	31.56 0.82 -0.23	33.51 0.78 -0.30	35.23 0.95 -0.34	38.73 1.15 -0.47	39.91 1.31 -1.20	38.99 1.36 -1.72	37.93 1.45 -1.11	39.33 1.71 -1.34	40.88 1.74 -1.29	41.37 1.66 -1.11	42.25 1.86 -0.79	44.82 1.69 -0.94	50.57 1.81 -1.18	59.28 1.77 -0.44	58.94 1.48 -0.40	56.12 1.36 -0.56	50.73 1.31 -0.75	46.85 1.29 -0.96	42.64 1.50 -0.52	38.71 1.35 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.07 1.40 -0.84	36.00 1.27 -0.48	34.45 1.02 -0.40	30.10 0.85 -0.11	31.56 0.82 -0.23	33.51 0.78 -0.30	35.23 0.95 -0.34	38.73 1.15 -0.47	39.91 1.31 -1.20	38.99 1.36 -1.72	37.93 1.45 -1.11	39.33 1.71 -1.34	40.88 1.74 -1.29	41.37 1.66 -1.11	42.25 1.86 -0.79	44.82 1.69 -0.94	50.57 1.81 -1.18	59.28 1.77 -0.44	58.94 1.48 -0.40	56.12 1.36 -0.56	50.73 1.31 -0.75	46.85 1.29 -0.96	42.64 1.50 -0.52	38.71 1.35 0.00
WHITEHAL_115KV_TB1 80871	39.26 1.17 0.74	35.00 1.16 0.42	33.79 1.12 0.35	30.02 0.96 0.09	31.37 1.07 0.20	33.26 1.10 0.27	34.79 1.15 0.30	37.96 1.26 0.41	37.21 0.86 1.05	35.05 0.65 1.51	34.68 0.28 0.97	35.36 0.25 1.18	37.01 0.30 1.14	38.09 0.46 0.97	39.49 0.59 0.70	42.09 0.72 0.82	47.96 1.43 1.04	58.68 2.00 0.39	59.00 2.28 0.35	55.94 2.22 0.49	50.05 2.04 0.66	45.77 2.01 0.84	41.90 1.75 0.46	38.79 1.42 0.00
WHITEPLN_13_KV_LOAD 356215	41.65 1.94 -0.88	36.46 1.71 -0.50	34.86 1.42 -0.42	30.48 1.22 -0.11	31.94 1.19 -0.24	33.88 1.13 -0.32	35.52 1.22 -0.36	39.05 1.45 -0.49	40.30 1.65 -1.25	39.47 1.76 -1.80	38.37 1.84 -1.16	39.79 2.10 -1.40	41.39 2.20 -1.35	41.85 2.08 -1.16	42.76 2.34 -0.83	45.33 2.15 -0.98	51.14 2.33 -1.24	59.81 2.28 -0.46	59.76 2.28 -0.41	56.85 2.06 -0.58	51.44 2.00 -0.78	47.48 1.87 -1.00	43.19 2.03 -0.55	39.20 1.83 0.00
WM_FLOYD_69_KV_BK2 356380	41.61 1.90 -0.88	36.29 1.54 -0.50	34.34 0.89 -0.42	29.99 0.73 -0.11	31.15 0.40 -0.24	33.03 0.29 -0.32	34.84 0.54 -0.36	38.34 0.74 -0.49	39.70 1.05 -1.25	38.97 1.26 -1.80	38.26 1.73 -1.16	39.66 1.96 -1.41	41.22 2.01 -1.36	41.71 1.93 -1.17	42.69 2.26 -0.84	44.99 1.81 -0.98	50.96 2.14 -1.24	59.41 1.88 -0.46	58.79 1.31 -0.41	55.71 0.92 -0.59	50.22 0.78 -0.77	46.22 0.62 -0.99	42.62 1.46 -0.55	38.83 1.46 0.00
WOODARD___115KV_TB2 355635	42.15 -0.16 -3.47	36.76 -0.10 -2.61	35.80 -0.13 -2.91	31.07 -0.12 -2.04	32.63 -0.12 -2.25	35.13 -0.13 -2.84	36.79 -0.14 -2.99	40.15 -0.22 -3.27	40.40 -0.30 -3.29	37.59 -0.36 -2.04	37.87 -0.28 -2.78	38.90 -0.29 -2.91	39.85 -0.26 -2.27	40.42 -0.19 -2.01	41.88 -0.24 -2.52	44.77 -0.25 -2.83	51.62 -0.24 -4.29	62.41 -0.17 -5.51	63.57 -0.06 -6.56	60.35 -0.05 -6.20	53.91 -0.05 -5.30	49.03 0.00 -4.43	42.77 -0.08 -2.24	39.36 -0.04 -2.03
WOODMERE_69_KV_BK1 55827	42.04 2.33 -0.88	36.77 2.02 -0.50	34.93 1.49 -0.42	30.48 1.22 -0.11	31.76 1.01 -0.24	33.68 0.94 -0.32	35.45 1.15 -0.36	38.94 1.34 -0.49	40.30 1.65 -1.25	39.54 1.83 -1.80	38.76 2.23 -1.16	40.17 2.47 -1.42	41.71 2.50 -1.37	42.14 2.35 -1.18	43.01 2.57 -0.85	45.46 2.28 -0.98	51.34 2.52 -1.24	59.93 2.40 -0.46	59.47 2.00 -0.41	56.42 1.63 -0.59	50.95 1.51 -0.78	47.02 1.43 -1.00	43.03 1.87 -0.55	39.28 1.91 0.00
YORK___WARBASSE 23770	41.85 2.14 -0.88	36.63 1.88 -0.50	35.00 1.55 -0.42	30.60 1.34 -0.11	32.09 1.34 -0.24	34.01 1.26 -0.32	35.62 1.32 -0.36	39.09 1.48 -0.49	40.15 1.50 -1.25	39.50 1.80 -1.80	38.44 1.91 -1.16	39.90 2.21 -1.41	41.32 2.12 -1.36	41.81 2.05 -1.16	42.72 2.30 -0.83	45.24 2.07 -0.98	50.81 2.00 -1.24	59.13 1.60 -0.46	58.90 1.43 -0.41	55.98 1.19 -0.59	50.67 1.22 -0.78	47.12 1.52 -1.00	43.07 1.91 -0.55	39.39 2.02 0.00