

Appendix G. MidAmerican Load Forecast and Supply Portfolio

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G.1. MidAmerican Load Forecast

Table G-1 MidAmerican Load Forecast – Expected, High and Low Cases

Contract Month	Projected Monthly MWh Requirements		
	Expected	High	Low
Jun-19	175,011	210,534	140,045
Jul-19	208,049	241,099	175,492
Aug-19	200,965	233,883	168,553
Sep-19	165,890	195,881	136,397
Oct-19	154,302	183,442	125,621
Nov-19	154,800	185,992	124,201
Dec-19	172,309	202,006	143,145
Jan-20	179,735	210,260	149,725
Feb-20	156,319	187,006	126,167
Mar-20	161,763	193,111	130,986
Apr-20	147,789	175,320	120,771
May-20	154,641	185,113	124,708
Jun-20	176,192	212,187	140,772
Jul-20	209,515	243,089	176,456
Aug-20	202,308	235,692	169,451
Sep-20	167,056	197,456	137,170
Oct-20	155,458	184,991	126,405
Nov-20	155,866	187,474	124,868
Dec-20	173,526	203,814	143,814
Jan-21	180,921	212,228	150,168
Feb-21	157,332	188,704	126,522
Mar-21	162,861	194,877	131,455
Apr-21	148,784	176,780	121,325
May-21	155,711	186,649	125,330
Jun-21	177,351	213,895	141,404
Jul-21	210,893	245,052	177,281
Aug-21	203,646	237,574	170,277
Sep-21	168,138	199,013	137,815
Oct-21	156,428	186,421	126,959
Nov-21	156,910	189,069	125,403
Dec-21	174,687	205,638	144,334
Jan-22	182,259	214,461	150,645
Feb-22	158,482	190,630	126,920
Mar-22	164,101	196,875	131,970
Apr-22	149,918	178,467	121,934
May-22	156,889	188,389	125,962
Jun-22	178,714	215,966	142,083
Jul-22	212,467	247,329	178,186

Aug-22	205,093	239,663	171,104
Sep-22	169,451	200,903	138,571
Oct-22	157,611	188,134	127,614
Nov-22	158,140	190,952	126,016
Dec-22	176,007	207,736	144,911
Jan-23	183,517	216,657	151,009
Feb-23	159,586	192,574	127,233
Mar-23	165,268	198,794	132,401
Apr-23	150,979	180,107	122,445
May-23	158,018	190,121	126,504
Jun-23	180,000	217,970	142,682
Jul-23	213,893	249,429	178,948
Aug-23	206,501	241,722	171,881
Sep-23	170,629	202,659	139,192
Oct-23	158,740	189,821	128,201
Nov-23	159,272	192,744	126,503
Dec-23	177,249	209,758	145,397
Jan-24	184,777	218,911	151,317
Feb-24	160,701	194,575	127,494
Mar-24	166,402	200,770	132,744
Apr-24	152,059	181,811	122,927
May-24	159,159	191,922	127,021

G.2 Peak/Off Peak Distribution of Energy and Average Load

Table G-2 MidAmerican Peak/Off Peak Distribution of Energy and Average Load – Expected Case

Contract Month	Total Load (MWh)		Average Load (MWh)	
	On Peak	Off Peak	On Peak	Off Peak
Jun-19	89,417	85,595	279	214
Jul-19	112,314	95,735	319	244
Aug-19	108,564	92,401	308	236
Sep-19	83,496	82,394	261	206
Oct-19	86,822	67,480	236	179
Nov-19	76,757	78,043	240	195
Dec-19	85,785	86,523	255	212
Jan-20	95,714	84,021	272	214
Feb-20	80,693	75,626	252	201
Mar-20	84,894	76,868	241	196
Apr-20	80,958	66,832	230	182
May-20	74,155	80,486	232	190
Jun-20	97,783	78,409	278	213
Jul-20	117,843	91,673	320	244
Aug-20	105,272	97,037	313	238

Sep-20	88,041	79,015	262	206
Oct-20	84,086	71,372	239	182
Nov-20	77,615	78,251	243	196
Dec-20	90,580	82,947	257	212
Jan-21	88,911	92,010	278	217
Feb-21	83,564	73,768	261	210
Mar-21	88,863	73,998	241	197
Apr-21	81,280	67,504	231	183
May-21	74,653	81,058	233	191
Jun-21	98,749	78,601	281	214
Jul-21	109,977	100,916	327	247
Aug-21	110,616	93,029	314	237
Sep-21	88,058	80,080	262	209
Oct-21	81,200	75,229	242	184
Nov-21	81,936	74,974	244	195
Dec-21	94,634	80,054	257	213
Jan-22	92,545	89,714	275	220
Feb-22	83,713	74,769	262	212
Mar-22	90,013	74,088	245	197
Apr-22	78,943	70,975	235	185
May-22	78,744	78,145	234	192
Jun-22	98,541	80,172	280	218
Jul-22	106,748	105,719	334	249
Aug-22	114,401	90,692	311	241
Sep-22	88,292	81,159	263	211
Oct-22	81,601	76,009	243	186
Nov-22	82,182	75,958	245	198
Dec-22	87,752	88,255	261	216
Jan-23	93,161	90,356	277	221
Feb-23	84,316	75,270	263	214
Mar-23	90,251	75,017	245	200
Apr-23	76,166	74,813	238	187
May-23	82,727	75,291	235	192
Jun-23	99,223	80,777	282	220
Jul-23	107,021	106,872	334	252
Aug-23	115,373	91,128	314	242
Sep-23	84,921	85,708	265	214
Oct-23	85,715	73,025	244	186
Nov-23	82,770	76,502	246	199
Dec-23	85,271	91,978	266	217
Jan-24	97,937	86,841	278	222
Feb-24	86,746	73,955	258	205
Mar-24	83,435	82,967	248	203
Apr-24	83,479	68,579	237	186
May-24	83,249	75,911	237	194

Table G-3 MidAmerican Peak/Off Peak Distribution of Energy and Average Load – High Case

Contract Month	Total Load (MWh)		Average Load (MWh)	
	On Peak	Off Peak	On Peak	Off Peak

Jun-19	106,333	104,202	332	261
Jul-19	129,067	112,032	367	286
Aug-19	125,281	108,602	356	277
Sep-19	98,058	97,823	306	245
Oct-19	101,451	81,991	276	218
Nov-19	90,081	95,911	282	240
Dec-19	99,068	102,938	295	252
Jan-20	110,141	100,119	313	255
Feb-20	94,897	92,109	297	245
Mar-20	99,641	93,470	283	238
Apr-20	94,246	81,074	268	220
May-20	88,243	96,871	276	228
Jun-20	116,583	95,604	331	260
Jul-20	135,572	107,517	368	286
Aug-20	121,502	114,190	362	280
Sep-20	103,420	94,036	308	245
Oct-20	98,112	86,879	279	222
Nov-20	90,988	96,485	284	241
Dec-20	104,634	99,180	297	253
Jan-21	102,177	110,051	319	260
Feb-21	98,258	90,445	307	257
Mar-21	104,600	90,277	284	240
Apr-21	94,810	81,970	269	223
May-21	88,939	97,710	278	230
Jun-21	117,805	96,091	335	261
Jul-21	126,419	118,633	376	291
Aug-21	127,876	109,697	363	280
Sep-21	103,733	95,280	309	248
Oct-21	94,636	91,785	282	225
Nov-21	96,183	92,886	286	242
Dec-21	109,539	96,099	298	256
Jan-22	107,096	107,365	319	263
Feb-22	98,863	91,767	309	261
Mar-22	105,913	90,962	288	242
Apr-22	91,970	86,497	274	225
May-22	93,997	94,392	280	231
Jun-22	117,944	98,023	335	266
Jul-22	122,755	124,574	384	294
Aug-22	132,822	106,841	361	284
Sep-22	104,311	96,592	310	252
Oct-22	95,454	92,680	284	227
Nov-22	96,758	94,194	288	245
Dec-22	102,032	105,704	304	259
Jan-23	108,061	108,596	322	266
Feb-23	99,818	92,756	312	264
Mar-23	106,604	92,190	290	245
Apr-23	88,763	91,344	277	228
May-23	98,977	91,144	281	233
Jun-23	118,990	98,979	338	269
Jul-23	123,354	126,076	385	297

Aug-23	134,108	107,614	364	286
Sep-23	100,554	102,105	314	255
Oct-23	100,512	89,309	286	228
Nov-23	97,622	95,122	291	248
Dec-23	98,591	111,167	308	262
Jan-24	113,957	104,954	324	268
Feb-24	103,006	91,569	307	254
Mar-24	98,884	101,885	294	250
Apr-24	97,721	84,090	278	229
May-24	99,809	92,112	284	235

Table G-4 MidAmerican Peak/Off Peak Distribution of Energy and Average Load – Low Case

Contract Month	Total Load (MWh)		Average Load (MWh)	
	On Peak	Off Peak	On Peak	Off Peak
Jun-19	72,596	67,449	227	169
Jul-19	95,707	79,785	272	204
Aug-19	91,931	76,622	261	195
Sep-19	68,884	67,513	215	169
Oct-19	71,755	53,866	195	143
Nov-19	63,233	60,968	198	152
Dec-19	72,404	70,741	215	173
Jan-20	80,938	68,787	230	175
Feb-20	66,276	59,891	207	159
Mar-20	70,300	60,686	200	155
Apr-20	67,884	52,887	193	144
May-20	60,077	64,631	188	152
Jun-20	79,120	61,652	225	168
Jul-20	100,260	76,196	272	203
Aug-20	89,122	80,329	265	197
Sep-20	72,645	64,525	216	168
Oct-20	69,567	56,838	198	145
Nov-20	64,035	60,833	200	152
Dec-20	76,411	67,403	217	172
Jan-21	75,289	74,879	235	177
Feb-21	68,548	57,975	214	165
Mar-21	73,296	58,158	199	155
Apr-21	67,970	53,355	193	145
May-21	60,395	64,934	189	153
Jun-21	79,827	61,577	227	167
Jul-21	93,613	83,667	279	205
Aug-21	93,468	76,809	266	196
Sep-21	72,393	65,422	215	170
Oct-21	67,183	59,775	200	147
Nov-21	67,508	57,895	201	151
Dec-21	79,630	64,704	216	172
Jan-22	77,701	72,944	231	179
Feb-22	68,352	58,568	214	166
Mar-22	74,260	57,710	202	153
Apr-22	66,168	55,766	197	145

May-22	63,542	62,420	189	153
Jun-22	79,311	62,772	225	171
Jul-22	90,826	87,360	284	206
Aug-22	96,137	74,967	261	199
Sep-22	72,490	66,081	216	172
Oct-22	67,342	60,272	200	148
Nov-22	67,422	58,594	201	153
Dec-22	73,421	71,490	219	175
Jan-23	77,959	73,050	232	179
Feb-23	68,617	58,617	214	167
Mar-23	74,055	58,347	201	155
Apr-23	63,800	58,644	199	147
May-23	66,556	59,948	189	153
Jun-23	79,637	63,045	226	171
Jul-23	90,807	88,141	284	208
Aug-23	96,796	75,085	263	200
Sep-23	69,504	69,687	217	174
Oct-23	70,561	57,640	200	147
Nov-23	67,754	58,749	202	153
Dec-23	71,798	73,599	224	174
Jan-24	81,627	69,690	232	178
Feb-24	70,311	57,184	209	159
Mar-24	68,149	64,596	203	158
Apr-24	69,498	53,429	197	145
May-24	66,792	60,229	190	154

G.3 MidAmerican Net Expected Peak Position

Table G-5 MidAmerican Net Peak Position

Contract Month	Projected Volume (MW)	Own Generation	2017 IPA Spring Procurement (MW)	2017 IPA Fall Procurement (MW)	2018 IPA Spring Procurement (MW)	2018 IPA Fall Procurement (MW)	Residual Volume (MW)
Jun-19	278	273	0	0	0	0	5
Jul-19	316	273	0	0	0	0	43
Aug-19	307	273	0	0	0	0	34
Sep-19	262	273	0	0	0	0	-11
Oct-19	241	273	0	0	0	0	-32
Nov-19	241	273	0	0	0	0	-32
Dec-19	255	273	0	0	0	0	-18
Jan-20	272	273	0	0	0	0	-1
Feb-20	253	273	0	0	0	0	-20
Mar-20	245	273	0	0	0	0	-28
Apr-20	235	273	0	0	0	0	-38
May-20	233	273	0	0	0	0	-40
Jun-20	276	273	0	0	0	0	3
Jul-20	317	273	0	0	0	0	44

Aug-20	312	273	0	0	0	0	39
Sep-20	263	273	0	0	0	0	-10
Oct-20	244	273	0	0	0	0	-29
Nov-20	243	273	0	0	0	0	-30
Dec-20	257	273	0	0	0	0	-16
Jan-21	278	273	0	0	0	0	5
Feb-21	262	273	0	0	0	0	-11
Mar-21	246	273	0	0	0	0	-27
Apr-21	236	273	0	0	0	0	-37
May-21	235	273	0	0	0	0	-38
Jun-21	279	273	0	0	0	0	6
Jul-21	325	273	0	0	0	0	52
Aug-21	313	273	0	0	0	0	40
Sep-21	263	273	0	0	0	0	-10
Oct-21	247	273	0	0	0	0	-26
Nov-21	245	273	0	0	0	0	-28
Dec-21	256	273	0	0	0	0	-17
Jan-22	276	273	0	0	0	0	3
Feb-22	262	273	0	0	0	0	-11
Mar-22	249	273	0	0	0	0	-24
Apr-22	240	273	0	0	0	0	-33
May-22	236	273	0	0	0	0	-37
Jun-22	278	273	0	0	0	0	5
Jul-22	331	273	0	0	0	0	58
Aug-22	309	273	0	0	0	0	36
Sep-22	264	273	0	0	0	0	-9
Oct-22	248	273	0	0	0	0	-25
Nov-22	245	273	0	0	0	0	-28
Dec-22	260	273	0	0	0	0	-13
Jan-23	278	273	0	0	0	0	5
Feb-23	264	273	0	0	0	0	-9
Mar-23	250	273	0	0	0	0	-23
Apr-23	243	273	0	0	0	0	-30
May-23	236	273	0	0	0	0	-37
Jun-23	280	273	0	0	0	0	7
Jul-23	332	273	0	0	0	0	59
Aug-23	312	273	0	0	0	0	39
Sep-23	267	273	0	0	0	0	-6
Oct-23	249	273	0	0	0	0	-24
Nov-23	247	273	0	0	0	0	-26
Dec-23	266	273	0	0	0	0	-7
Jan-24	279	273	0	0	0	0	6
Feb-24	259	273	0	0	0	0	-14

Mar-24	253	273	0	0	0	0	-20
Apr-24	242	273	0	0	0	0	-31
May-24	238	273	0	0	0	0	-35

G.4 MidAmerican Net Expected Off Peak Position

Table G-6 MidAmerican Net Off Peak Position

Contract Month	Projected Volume (MW)	Own Generation	2017 IPA Spring Procurement (MW)	2017 IPA Fall Procurement (MW)	2018 IPA Spring Procurement (MW)	2018 IPA Fall Procurement (MW)	Residual Volume (MW)
Jun-19	216	273	0	0	0	0	-57
Jul-19	247	273	0	0	0	0	-26
Aug-19	237	273	0	0	0	0	-36
Sep-19	205	273	0	0	0	0	-68
Oct-19	174	273	0	0	0	0	-99
Nov-19	194	273	0	0	0	0	-79
Dec-19	213	273	0	0	0	0	-60
Jan-20	214	273	0	0	0	0	-59
Feb-20	200	273	0	0	0	0	-73
Mar-20	192	273	0	0	0	0	-81
Apr-20	177	273	0	0	0	0	-96
May-20	189	273	0	0	0	0	-84
Jun-20	215	273	0	0	0	0	-58
Jul-20	247	273	0	0	0	0	-26
Aug-20	239	273	0	0	0	0	-34
Sep-20	205	273	0	0	0	0	-68
Oct-20	177	273	0	0	0	0	-96
Nov-20	195	273	0	0	0	0	-78
Dec-20	212	273	0	0	0	0	-61
Jan-21	217	273	0	0	0	0	-56
Feb-21	209	273	0	0	0	0	-64
Mar-21	193	273	0	0	0	0	-80
Apr-21	179	273	0	0	0	0	-94
May-21	190	273	0	0	0	0	-83
Jun-21	216	273	0	0	0	0	-57
Jul-21	250	273	0	0	0	0	-23
Aug-21	239	273	0	0	0	0	-34
Sep-21	208	273	0	0	0	0	-65
Oct-21	180	273	0	0	0	0	-93
Nov-21	195	273	0	0	0	0	-78
Dec-21	214	273	0	0	0	0	-59
Jan-22	220	273	0	0	0	0	-53

Feb-22	212	273	0	0	0	0	-61
Mar-22	193	273	0	0	0	0	-80
Apr-22	180	273	0	0	0	0	-93
May-22	190	273	0	0	0	0	-82
Jun-22	220	273	0	0	0	0	-53
Jul-22	251	273	0	0	0	0	-21
Aug-22	243	273	0	0	0	0	-30
Sep-22	210	273	0	0	0	0	-63
Oct-22	182	273	0	0	0	0	-91
Nov-22	197	273	0	0	0	0	-76
Dec-22	217	273	0	0	0	0	-56
Jan-23	221	273	0	0	0	0	-52
Feb-23	213	273	0	0	0	0	-60
Mar-23	195	273	0	0	0	0	-78
Apr-23	183	273	0	0	0	0	-90
May-23	191	273	0	0	0	0	-82
Jun-23	221	273	0	0	0	0	-52
Jul-23	254	273	0	0	0	0	-19
Aug-23	244	273	0	0	0	0	-29
Sep-23	213	273	0	0	0	0	-60
Oct-23	181	273	0	0	0	0	-91
Nov-23	198	273	0	0	0	0	-74
Dec-23	217	273	0	0	0	0	-55
Jan-24	221	273	0	0	0	0	-52
Feb-24	205	273	0	0	0	0	-68
Mar-24	200	273	0	0	0	0	-73
Apr-24	181	273	0	0	0	0	-92
May-24	192	273	0	0	0	0	-80