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**Part 1 - Appendix 3C  
Evergy Metro Reports**

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**Missouri 4 CSR 240-22.030 (7)(A)(7) Reporting Requirements  
Load Analysis and Forecasting**

For the net system load profiles, the utility shall provide plots for the summer peak day and the winter peak day.

The plots shall show each of the major class components of the net system load profile in a cumulative manner.

The plots shall be provided for the base year of the load forecast and for the fifth, tenth, and twentieth years of the forecast.

Compliance: See Plots 3C-1 through 3C-8 for base-case Evergy Metro forecast reports designed to comply with section (7)(A)(7) reporting requirements.

Work Files:

7\_Data\_Calib.xls

MetroMO\_ClassEndUseWN.Itm

MetroKS\_ClassEndUseWN.Itm

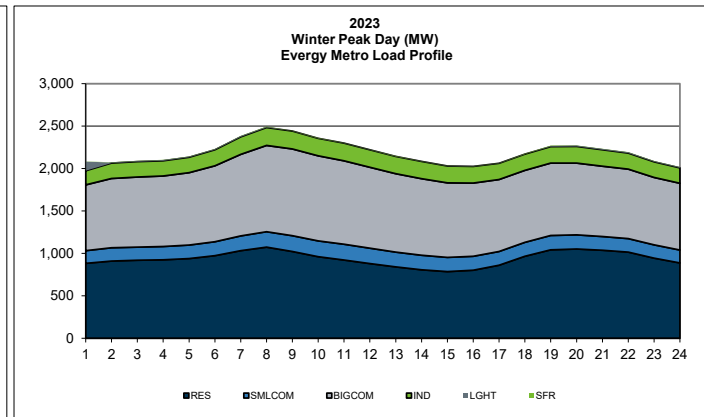
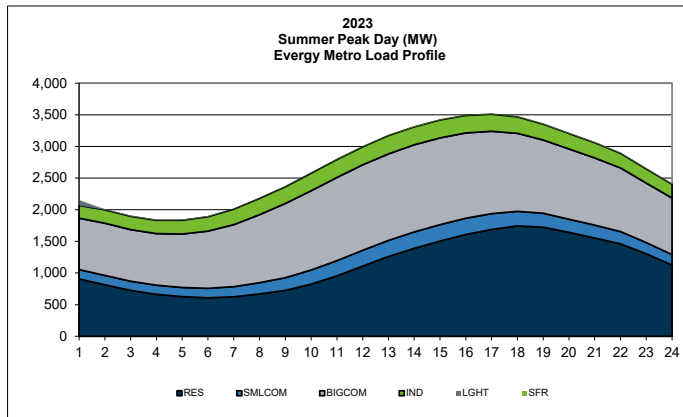
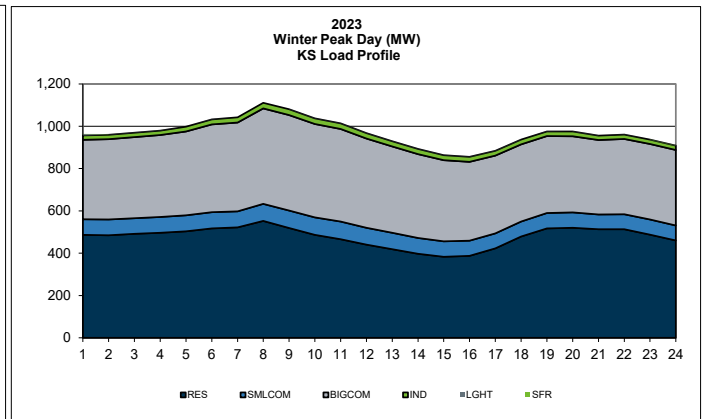
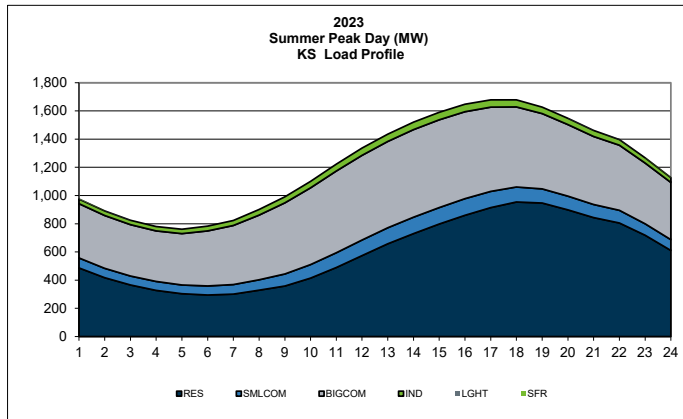
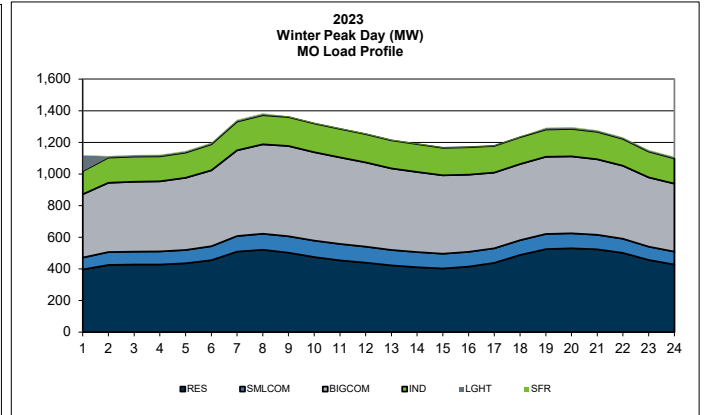
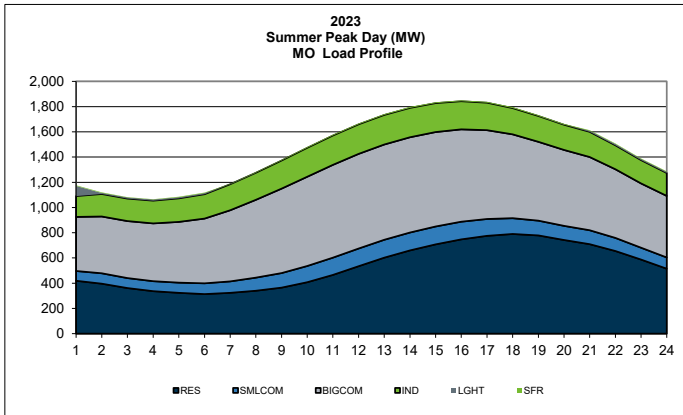
SysShape.Itm

**Plot 3C-1 Eversource Metro System Peak Day Loads by Class (Summer 2023)**  
**Summer Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
7/20/23	1	418	79	428	166	81	4	1,176	487	70	386	33	4	-	980	906	149	813	199	85	4	2,156
7/20/23	2	397	82	451	177	9	4	1,120	417	67	375	32	0	-	891	814	149	826	209	9	4	2,011
7/20/23	3	361	80	451	178	9	4	1,082	366	64	364	31	0	-	825	727	144	815	209	9	4	1,908
7/20/23	4	336	80	458	180	9	4	1,066	328	62	358	31	0	-	780	664	143	816	211	9	4	1,846
7/20/23	5	323	82	480	186	9	4	1,085	304	62	364	31	0	-	762	627	144	845	218	10	4	1,846
7/20/23	6	314	85	513	193	9	4	1,118	295	64	390	34	0	-	784	608	150	903	227	10	4	1,902
7/20/23	7	323	92	564	206	-	4	1,188	301	67	419	37	-	-	824	624	159	983	242	-	4	2,012
7/20/23	8	341	103	618	215	-	5	1,281	328	74	459	40	-	-	901	669	177	1,077	254	-	5	2,182
7/20/23	9	365	116	669	223	-	5	1,377	359	86	504	43	-	-	991	724	202	1,172	266	-	5	2,369
7/20/23	10	408	128	709	229	-	6	1,479	415	96	544	47	-	-	1,101	823	224	1,252	276	-	6	2,580
7/20/23	11	466	136	735	233	-	6	1,577	489	105	579	49	-	-	1,223	956	241	1,315	283	-	6	2,800
7/20/23	12	535	140	750	234	-	7	1,666	574	110	600	51	-	-	1,336	1,110	250	1,350	286	-	7	3,001
7/20/23	13	603	141	756	234	-	7	1,741	658	113	612	53	-	-	1,435	1,260	254	1,368	287	-	7	3,176
7/20/23	14	659	142	756	232	-	7	1,797	731	116	620	53	-	-	1,520	1,390	258	1,377	286	-	7	3,318
7/20/23	15	708	142	749	228	-	7	1,834	797	118	622	54	-	-	1,591	1,505	260	1,371	282	-	7	3,425
7/20/23	16	748	140	732	223	-	7	1,850	860	118	617	53	-	-	1,648	1,608	258	1,348	276	-	7	3,497
7/20/23	17	775	134	704	217	-	7	1,837	915	114	597	52	-	-	1,679	1,690	248	1,302	269	-	7	3,516
7/20/23	18	790	125	665	209	-	7	1,796	954	107	567	50	-	-	1,678	1,744	232	1,233	258	-	7	3,474
7/20/23	19	778	117	626	203	-	7	1,731	947	101	533	46	-	-	1,627	1,725	219	1,159	250	-	7	3,358
7/20/23	20	742	112	601	200	-	6	1,663	899	97	508	44	-	-	1,548	1,641	209	1,110	244	-	6	3,211
7/20/23	21	710	110	581	198	9	6	1,614	844	93	483	42	0	-	1,462	1,554	203	1,063	240	9	6	3,076
7/20/23	22	656	104	544	191	9	6	1,508	805	90	463	40	0	-	1,398	1,461	193	1,006	230	9	6	2,905
7/20/23	23	587	95	510	184	8	5	1,390	718	82	431	37	0	-	1,268	1,305	177	940	221	9	5	2,657
7/20/23	24	516	88	489	181	8	5	1,287	611	76	406	35	0	-	1,128	1,126	165	895	216	9	5	2,415

**Plot 3C-2 Eversource Metro System Peak Day Loads by Class (Winter 2023)**  
**Winter Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
1/31/23	1	396	75	400	146	99	3	1,120	486	74	376	21	6	-	963	883	149	776	167	106	3	2,083
1/31/23	2	425	81	437	160	8	3	1,114	485	74	380	21	0	-	960	911	155	817	180	8	3	2,075
1/31/23	3	427	82	442	159	8	3	1,121	491	74	383	21	0	-	970	919	156	825	180	8	3	2,091
1/31/23	4	428	82	444	158	8	3	1,122	497	74	387	21	0	-	980	925	157	831	179	8	3	2,102
1/31/23	5	436	84	456	159	8	3	1,145	504	75	397	22	0	-	998	940	159	853	181	8	3	2,143
1/31/23	6	456	87	481	164	8	3	1,198	518	76	415	24	0	-	1,033	973	163	896	187	8	3	2,231
1/31/23	7	510	98	542	182	8	4	1,343	522	76	420	24	0	-	1,043	1,031	174	962	206	9	4	2,385
1/31/23	8	521	102	564	184	8	4	1,384	553	81	451	27	0	-	1,111	1,073	183	1,015	211	9	4	2,495
1/31/23	9	502	104	570	184	-	4	1,364	520	82	452	27	-	-	1,080	1,021	187	1,022	211	-	4	2,445
1/31/23	10	475	105	558	181	-	4	1,323	487	82	442	26	-	-	1,037	961	187	1,000	207	-	4	2,360
1/31/23	11	454	104	547	180	-	3	1,289	466	83	438	26	-	-	1,014	921	187	984	207	-	3	2,302
1/31/23	12	439	101	533	179	-	3	1,256	440	80	421	26	-	-	967	880	181	954	205	-	3	2,223
1/31/23	13	422	97	516	178	-	3	1,217	419	77	408	25	-	-	930	841	175	925	203	-	3	2,146
1/31/23	14	410	96	507	177	-	3	1,193	397	75	396	25	-	-	893	807	171	903	202	-	3	2,086
1/31/23	15	403	94	495	174	-	3	1,168	383	73	383	24	-	-	864	786	167	878	198	-	3	2,032
1/31/23	16	414	93	488	173	-	3	1,172	388	71	373	24	-	-	856	802	165	861	197	-	3	2,028
1/31/23	17	438	91	478	169	-	3	1,180	423	71	368	23	-	-	884	861	162	846	193	-	3	2,065
1/31/23	18	489	93	482	169	-	3	1,236	479	71	365	23	-	-	938	967	164	846	193	-	3	2,173
1/31/23	19	524	96	489	172	8	3	1,293	517	73	364	22	0	-	976	1,042	169	853	195	8	3	2,269
1/31/23	20	530	95	486	174	8	3	1,297	520	72	361	22	0	-	975	1,051	167	847	195	8	3	2,272
1/31/23	21	524	93	477	173	8	3	1,278	513	70	352	21	0	-	956	1,036	163	829	193	8	3	2,234
1/31/23	22	501	89	462	169	8	3	1,233	513	71	356	21	0	-	962	1,014	160	819	190	8	3	2,194
1/31/23	23	457	84	438	162	8	3	1,152	488	71	358	20	0	-	937	945	155	796	182	8	3	2,089
1/31/23	24	428	81	430	160	8	3	1,109	460	70	358	20	0	-	909	888	152	787	180	8	3	2,018

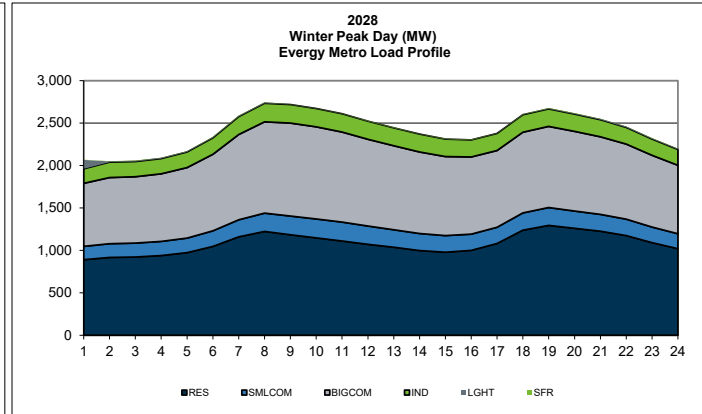
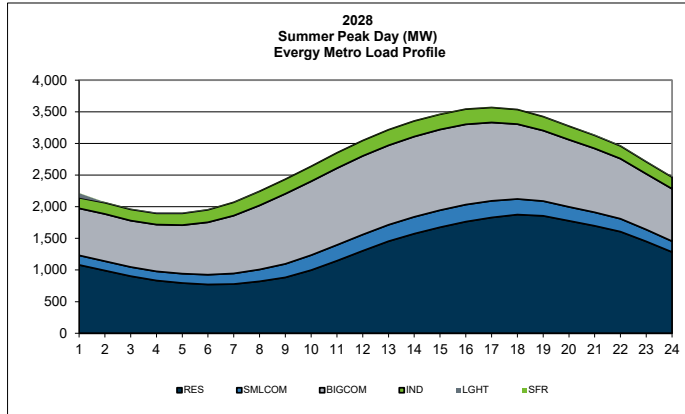
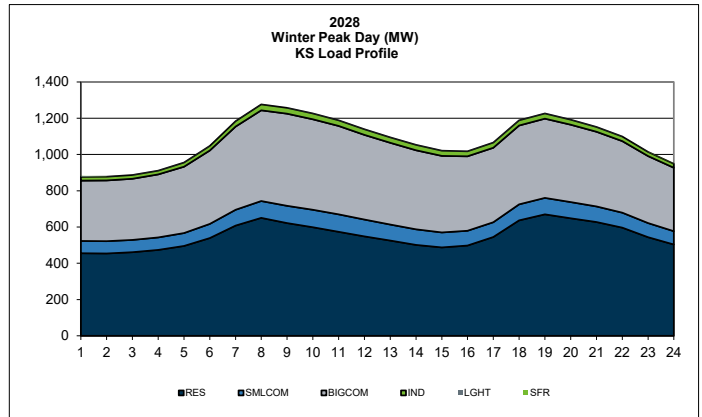
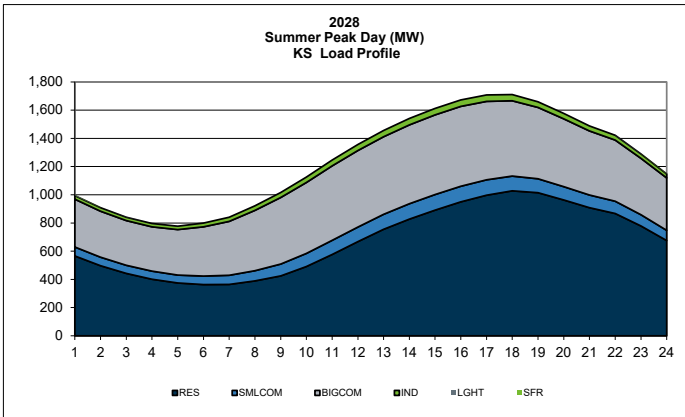
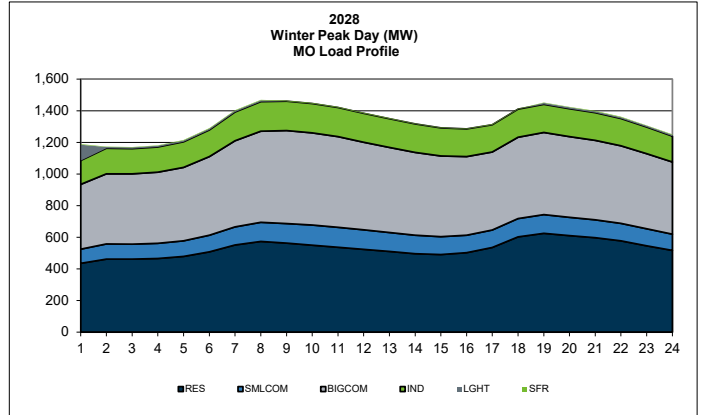
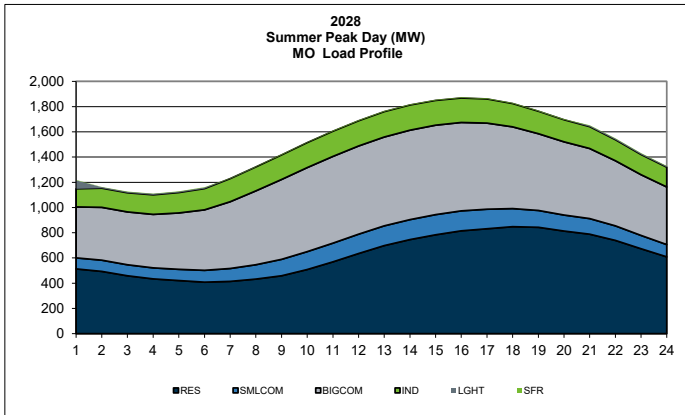


**Plot 3C-3 Eversource Metro System Peak Day Loads by Class (Summer 2028)**  
**Summer Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
7/20/28	1	514	87	403	144	68	3	1,219	566	64	339	26	3	-	998	1,080	152	742	170	71	3	2,217
7/20/28	2	494	89	418	152	7	3	1,163	497	61	326	25	0	-	909	991	150	744	177	8	3	2,072
7/20/28	3	459	87	418	152	7	3	1,127	442	58	317	24	0	-	842	901	146	735	176	8	3	1,968
7/20/28	4	434	87	424	155	7	3	1,111	401	57	314	24	0	-	796	835	144	739	179	8	3	1,907
7/20/28	5	420	90	447	161	8	3	1,128	374	57	322	24	0	-	778	794	147	768	186	8	3	1,906
7/20/28	6	408	94	479	169	8	3	1,161	363	60	349	27	0	-	800	771	154	828	196	8	3	1,961
7/20/28	7	414	102	530	182	-	3	1,231	364	65	383	30	-	-	841	778	167	913	212	-	3	2,073
7/20/28	8	432	115	584	190	-	3	1,324	389	73	428	33	-	-	922	821	188	1,012	223	-	3	2,247
7/20/28	9	459	130	634	195	-	4	1,421	425	84	472	36	-	-	1,016	884	214	1,105	231	-	4	2,438
7/20/28	10	509	141	666	198	-	4	1,518	491	93	503	39	-	-	1,125	999	234	1,169	237	-	4	2,643
7/20/28	11	569	149	687	200	-	4	1,609	577	100	528	41	-	-	1,246	1,145	249	1,215	241	-	4	2,855
7/20/28	12	636	153	698	200	-	5	1,693	668	103	542	43	-	-	1,357	1,304	257	1,240	243	-	5	3,050
7/20/28	13	699	155	705	200	-	5	1,764	756	106	551	44	-	-	1,457	1,455	261	1,256	245	-	5	3,221
7/20/28	14	746	158	710	199	-	5	1,818	827	109	560	45	-	-	1,541	1,573	266	1,270	245	-	5	3,359
7/20/28	15	784	159	709	197	-	5	1,855	891	111	565	46	-	-	1,612	1,675	270	1,274	243	-	5	3,467
7/20/28	16	816	158	700	194	-	5	1,873	949	112	565	46	-	-	1,673	1,765	270	1,266	240	-	5	3,546
7/20/28	17	832	154	684	191	-	5	1,866	997	110	555	46	-	-	1,708	1,829	264	1,239	237	-	5	3,573
7/20/28	18	848	144	648	185	-	5	1,830	1,028	105	535	44	-	-	1,711	1,875	248	1,183	229	-	5	3,540
7/20/28	19	843	134	607	179	-	5	1,769	1,014	100	505	41	-	-	1,660	1,857	234	1,112	220	-	5	3,428
7/20/28	20	813	128	579	176	-	5	1,701	964	94	480	38	-	-	1,577	1,776	222	1,060	214	-	5	3,277
7/20/28	21	788	124	555	173	7	4	1,653	909	90	453	36	0	-	1,489	1,697	215	1,009	209	8	4	3,142
7/20/28	22	738	116	517	166	7	4	1,549	868	87	433	34	0	-	1,422	1,606	203	950	200	8	4	2,971
7/20/28	23	674	106	481	160	7	4	1,432	779	79	400	31	0	-	1,290	1,453	185	881	191	7	4	2,722
7/20/28	24	609	98	456	156	7	3	1,330	676	72	372	28	0	-	1,149	1,285	170	828	185	7	3	2,479

**Plot 3C-4 Eversource Metro System Peak Day Loads by Class (Winter 2028)**  
**Winter Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
1/7/28	1	435	90	410	150	101	3	1,188	455	68	333	20	5	-	882	890	157	743	171	106	3	2,070
1/7/28	2	462	96	443	162	8	3	1,173	454	68	335	21	0	-	878	916	164	778	182	8	3	2,052
1/7/28	3	461	96	444	160	8	3	1,171	461	68	338	21	0	-	887	922	164	781	180	8	3	2,058
1/7/28	4	466	96	449	160	8	3	1,182	474	69	347	21	0	-	911	940	166	796	181	8	3	2,093
1/7/28	5	478	99	465	162	8	3	1,215	495	72	366	23	0	-	956	974	171	831	184	8	3	2,171
1/7/28	6	508	105	497	169	8	3	1,290	539	77	405	26	0	-	1,048	1,048	182	902	194	8	3	2,338
1/7/28	7	551	115	544	181	8	4	1,403	608	87	460	30	0	-	1,185	1,159	202	1,004	211	9	4	2,588
1/7/28	8	573	121	576	186	8	4	1,469	651	93	500	32	0	-	1,277	1,224	214	1,076	219	9	4	2,746
1/7/28	9	563	125	588	185	-	4	1,464	622	95	508	32	-	-	1,257	1,185	220	1,096	217	-	4	2,721
1/7/28	10	550	127	584	185	-	4	1,449	598	96	500	32	-	-	1,226	1,148	223	1,083	216	-	4	2,675
1/7/28	11	537	127	573	184	-	4	1,425	574	96	488	31	-	-	1,189	1,110	223	1,061	216	-	4	2,613
1/7/28	12	524	123	555	183	-	4	1,388	549	92	467	31	-	-	1,139	1,072	215	1,022	214	-	4	2,527
1/7/28	13	511	119	538	182	-	4	1,354	525	89	450	30	-	-	1,094	1,036	208	988	212	-	4	2,448
1/7/28	14	496	116	524	180	-	3	1,319	501	86	436	30	-	-	1,053	998	202	960	210	-	3	2,373
1/7/28	15	491	113	510	177	-	3	1,295	487	83	422	29	-	-	1,021	978	196	932	206	-	3	2,316
1/7/28	16	502	111	497	174	-	3	1,288	498	82	411	28	-	-	1,018	1,000	192	908	202	-	3	2,306
1/7/28	17	536	110	494	172	-	3	1,315	545	82	411	28	-	-	1,065	1,080	192	905	200	-	3	2,380
1/7/28	18	602	116	515	177	-	4	1,413	636	88	435	29	-	-	1,189	1,238	204	950	206	-	4	2,602
1/7/28	19	625	119	520	177	8	4	1,453	670	91	436	29	0	-	1,226	1,295	210	956	206	9	4	2,679
1/7/28	20	611	116	510	176	8	4	1,425	648	89	427	28	0	-	1,192	1,259	205	937	204	9	4	2,617
1/7/28	21	597	114	502	175	8	3	1,399	628	86	412	26	0	-	1,152	1,225	200	914	201	9	3	2,552
1/7/28	22	577	111	491	172	8	3	1,363	596	82	395	25	0	-	1,099	1,174	193	885	197	9	3	2,462
1/7/28	23	547	107	474	169	8	3	1,308	543	78	370	23	0	-	1,015	1,090	185	844	192	9	3	2,323
1/7/28	24	517	103	456	163	8	3	1,250	503	74	350	22	0	-	949	1,020	176	806	185	8	3	2,199

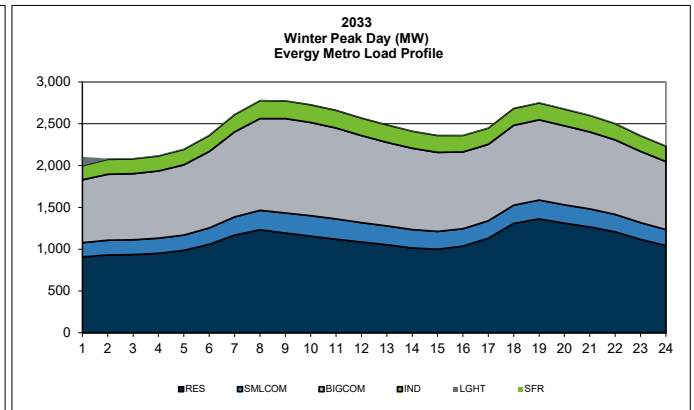
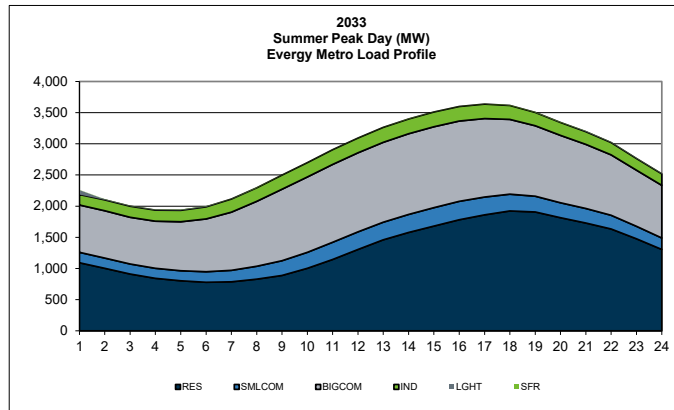
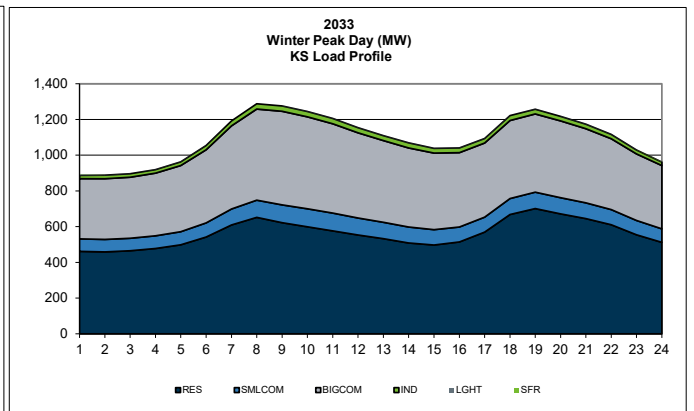
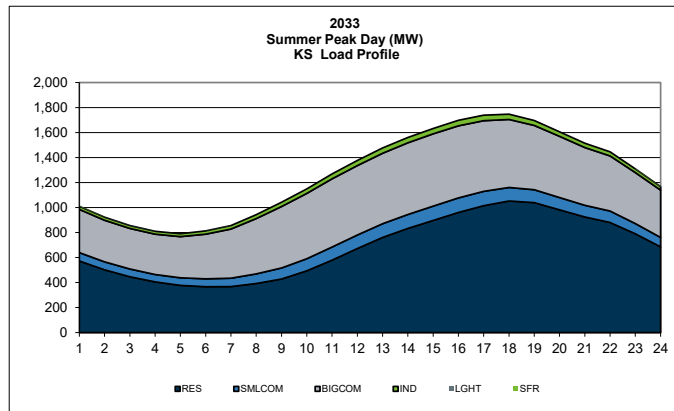
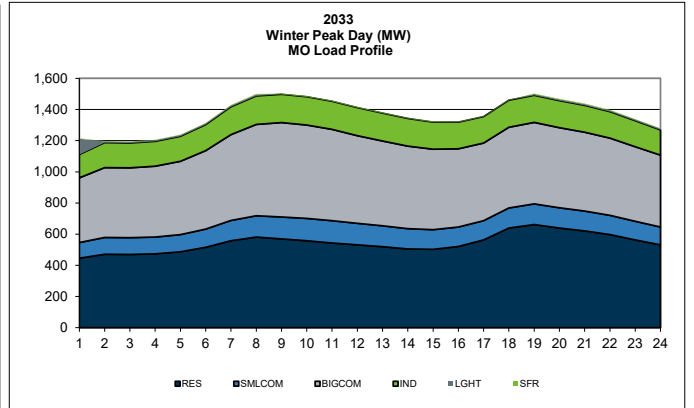
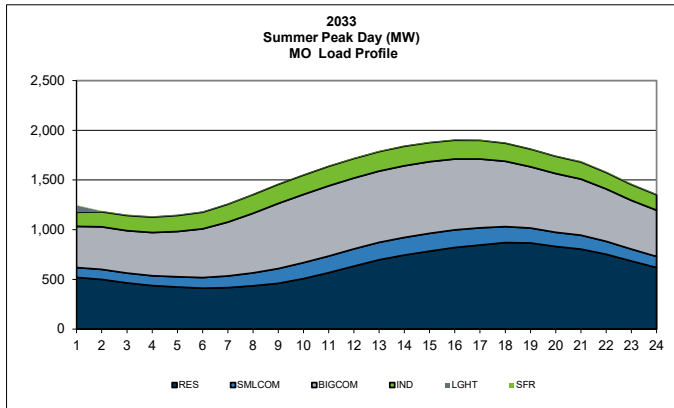


**Plot 3C-5 Eversource Metro System Peak Day Loads by Class (Summer 2033)**  
**Summer Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
7/21/33	1	521	99	412	143	68	3	1,247	572	67	347	25	3	-	1,013	1,093	166	759	168	71	3	2,260
7/21/33	2	500	101	427	151	7	3	1,189	502	64	333	24	0	-	923	1,002	165	761	175	8	3	2,112
7/21/33	3	464	99	427	152	7	3	1,152	447	61	324	23	0	-	856	911	160	752	174	8	3	2,007
7/21/33	4	438	99	434	154	7	3	1,136	405	60	322	23	0	-	810	844	159	756	177	8	3	1,945
7/21/33	5	424	102	456	160	8	3	1,153	378	60	330	23	0	-	791	802	162	786	184	8	3	1,945
7/21/33	6	412	107	489	168	8	3	1,187	367	63	357	26	0	-	814	778	170	847	194	8	3	2,000
7/21/33	7	417	116	542	180	-	3	1,259	368	68	393	29	-	-	857	785	184	935	209	-	3	2,116
7/21/33	8	435	131	600	187	-	3	1,357	393	77	442	31	-	-	943	828	207	1,042	219	-	3	2,300
7/21/33	9	460	148	656	191	-	4	1,459	428	89	491	34	-	-	1,042	889	236	1,147	226	-	4	2,501
7/21/33	10	508	160	686	194	-	4	1,553	494	98	522	37	-	-	1,150	1,002	258	1,208	231	-	4	2,703
7/21/33	11	567	169	705	196	-	4	1,641	579	105	546	39	-	-	1,268	1,146	273	1,250	235	-	4	2,909
7/21/33	12	635	172	712	197	-	5	1,721	672	108	556	41	-	-	1,377	1,307	280	1,268	238	-	5	3,098
7/21/33	13	698	174	717	196	-	5	1,791	761	110	563	42	-	-	1,476	1,459	285	1,280	239	-	5	3,267
7/21/33	14	744	177	722	196	-	5	1,844	832	113	572	43	-	-	1,561	1,577	290	1,294	239	-	5	3,405
7/21/33	15	784	178	721	193	-	5	1,881	897	115	577	44	-	-	1,633	1,681	294	1,298	237	-	5	3,514
7/21/33	16	822	177	711	190	-	5	1,905	961	116	577	44	-	-	1,698	1,783	293	1,288	234	-	5	3,603
7/21/33	17	846	172	694	187	-	5	1,904	1,016	114	565	44	-	-	1,738	1,862	286	1,259	231	-	5	3,642
7/21/33	18	870	161	658	181	-	5	1,874	1,053	108	544	42	-	-	1,747	1,922	269	1,202	223	-	5	3,621
7/21/33	19	866	150	617	176	-	5	1,814	1,039	103	514	39	-	-	1,696	1,905	254	1,131	215	-	5	3,509
7/21/33	20	831	144	590	173	-	5	1,742	983	98	490	37	-	-	1,607	1,813	242	1,080	210	-	5	3,349
7/21/33	21	804	140	566	171	7	4	1,692	924	94	462	34	0	-	1,515	1,729	234	1,028	205	8	4	3,208
7/21/33	22	753	131	527	164	7	4	1,586	881	90	442	32	0	-	1,446	1,634	221	968	196	8	4	3,031
7/21/33	23	686	119	491	159	7	4	1,465	790	82	408	29	0	-	1,310	1,476	202	899	188	7	4	2,775
7/21/33	24	619	111	466	155	7	3	1,361	686	75	379	27	0	-	1,167	1,305	186	845	182	7	3	2,528

**Plot 3C-6 Eversource Metro System Peak Day Loads by Class (Winter 2033)**  
**Winter Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
1/7/33	1	446	101	415	149	101	3	1,215	461	70	337	19	5	-	893	907	171	753	168	106	3	2,107
1/7/33	2	471	108	448	160	8	3	1,198	459	70	340	19	0	-	888	930	178	788	180	8	3	2,086
1/7/33	3	470	107	449	158	8	3	1,195	465	70	342	19	0	-	896	934	177	791	178	8	3	2,091
1/7/33	4	474	108	455	159	8	3	1,206	477	71	351	20	0	-	920	951	179	805	179	8	3	2,126
1/7/33	5	486	111	470	160	8	3	1,239	498	74	370	21	0	-	963	984	185	840	182	8	3	2,202
1/7/33	6	516	118	503	167	8	3	1,314	542	80	409	24	0	-	1,055	1,057	197	912	191	8	3	2,369
1/7/33	7	558	129	551	179	8	4	1,429	609	89	465	28	0	-	1,192	1,168	219	1,016	207	9	4	2,621
1/7/33	8	581	137	587	183	8	4	1,500	652	96	510	30	0	-	1,288	1,233	233	1,097	214	9	4	2,788
1/7/33	9	570	141	605	182	-	4	1,501	622	99	524	30	-	-	1,276	1,192	240	1,130	212	-	4	2,777
1/7/33	10	557	144	599	181	-	4	1,485	600	100	515	29	-	-	1,244	1,157	244	1,114	211	-	4	2,730
1/7/33	11	543	143	586	181	-	4	1,457	576	100	501	29	-	-	1,205	1,119	243	1,087	210	-	4	2,663
1/7/33	12	531	138	563	180	-	4	1,416	553	95	476	29	-	-	1,154	1,084	234	1,039	208	-	4	2,569
1/7/33	13	520	134	544	179	-	4	1,380	533	91	457	28	-	-	1,109	1,052	225	1,001	207	-	4	2,490
1/7/33	14	505	131	530	177	-	3	1,346	509	89	443	28	-	-	1,069	1,014	220	973	204	-	3	2,414
1/7/33	15	502	127	516	174	-	3	1,323	497	86	428	27	-	-	1,038	999	213	944	201	-	3	2,361
1/7/33	16	521	125	502	171	-	3	1,322	515	84	416	26	-	-	1,041	1,036	208	918	197	-	3	2,363
1/7/33	17	564	123	498	169	-	3	1,357	569	84	415	26	-	-	1,094	1,132	207	913	195	-	3	2,451
1/7/33	18	639	129	518	173	-	4	1,463	668	90	437	27	-	-	1,222	1,307	219	955	200	-	4	2,684
1/7/33	19	662	132	523	173	8	4	1,502	701	93	438	26	0	-	1,258	1,363	225	961	200	9	4	2,761
1/7/33	20	639	130	515	173	8	4	1,468	671	91	429	26	0	-	1,218	1,310	221	944	198	9	4	2,686
1/7/33	21	621	127	506	172	8	3	1,438	645	88	415	24	0	-	1,173	1,267	215	922	196	9	3	2,612
1/7/33	22	598	124	494	170	8	3	1,397	611	84	397	23	0	-	1,116	1,208	208	892	193	9	3	2,513
1/7/33	23	563	120	478	166	8	3	1,339	554	80	373	22	0	-	1,030	1,117	200	852	188	9	3	2,369
1/7/33	24	531	115	461	162	8	3	1,280	512	76	353	20	0	-	962	1,044	191	814	182	8	3	2,242



**Plot 3C-7 Evergy Metro System Peak Day Loads by Class (Summer 2043)**  
**Summer Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
7/23/43	1	515	131	436	145	69	3	1,298	563	72	365	24	3	-	1,028	1,079	203	801	169	72	3	2,326
7/23/43	2	489	133	450	152	7	3	1,234	491	68	350	23	0	-	932	980	201	800	175	8	3	2,167
7/23/43	3	452	131	449	152	7	3	1,194	435	65	340	22	0	-	863	887	196	789	175	8	3	2,056
7/23/43	4	426	131	455	155	7	3	1,176	394	63	336	22	0	-	816	819	194	791	177	8	3	1,992
7/23/43	5	411	134	477	161	8	3	1,194	366	63	344	23	0	-	796	777	198	822	183	8	3	1,990
7/23/43	6	398	141	512	168	8	3	1,229	355	67	373	25	0	-	820	753	207	885	193	8	3	2,050
7/23/43	7	404	153	570	179	-	3	1,310	356	72	413	28	-	-	869	760	225	983	207	-	3	2,179
7/23/43	8	425	172	640	186	-	3	1,426	384	83	472	30	-	-	969	808	255	1,112	216	-	3	2,395
7/23/43	9	446	196	715	188	-	4	1,548	418	98	539	33	-	-	1,087	864	293	1,254	221	-	4	2,635
7/23/43	10	490	211	743	192	-	4	1,640	481	107	569	36	-	-	1,193	972	318	1,312	227	-	4	2,833
7/23/43	11	545	221	758	194	-	4	1,722	565	114	590	38	-	-	1,308	1,109	336	1,348	232	-	4	3,030
7/23/43	12	614	225	757	195	-	5	1,796	660	117	595	40	-	-	1,412	1,273	342	1,352	235	-	5	3,207
7/23/43	13	680	228	759	195	-	5	1,867	752	119	600	41	-	-	1,513	1,432	347	1,359	236	-	5	3,379
7/23/43	14	724	231	765	194	-	5	1,920	822	123	611	42	-	-	1,598	1,547	353	1,376	237	-	5	3,517
7/23/43	15	768	233	764	192	-	5	1,962	890	125	616	43	-	-	1,674	1,658	358	1,380	235	-	5	3,636
7/23/43	16	824	231	753	189	-	5	2,001	968	126	615	43	-	-	1,753	1,792	357	1,368	232	-	5	3,754
7/23/43	17	870	224	734	186	-	5	2,018	1,040	123	602	43	-	-	1,808	1,910	347	1,336	229	-	5	3,826
7/23/43	18	914	209	696	180	-	5	2,004	1,094	118	579	41	-	-	1,831	2,008	327	1,275	221	-	5	3,836
7/23/43	19	912	196	654	176	-	5	1,942	1,080	112	547	38	-	-	1,778	1,992	308	1,202	214	-	5	3,720
7/23/43	20	860	188	628	173	-	5	1,853	1,007	106	522	36	-	-	1,671	1,867	294	1,150	209	-	5	3,524
7/23/43	21	825	184	602	171	7	4	1,794	940	102	493	33	0	-	1,568	1,766	285	1,094	205	8	4	3,362
7/23/43	22	768	172	558	165	7	4	1,674	890	97	468	31	0	-	1,487	1,658	269	1,026	196	8	4	3,162
7/23/43	23	692	157	519	160	7	4	1,539	792	89	431	29	0	-	1,341	1,484	246	951	188	7	4	2,880
7/23/43	24	621	146	493	156	7	3	1,426	684	81	400	26	0	-	1,191	1,305	226	892	182	7	3	2,617

**Plot 3C-8 Evergy Metro System Peak Day Loads by Class (Winter 2043)**  
**Winter Peak Day (MW)**

Date	Hr	Missouri							Kansas							System						
		RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total	RES	SMLCOM	BIGCOM	IND	LGHT	SFR	Total
1/9/43	1	445	131	432	151	103	3	1,264	453	74	351	19	5	-	901	899	204	782	170	108	3	2,166
1/9/43	2	466	139	465	163	8	3	1,243	447	74	353	19	0	-	893	912	213	818	181	8	3	2,136
1/9/43	3	462	139	465	161	8	3	1,238	451	74	355	19	0	-	899	913	213	821	180	8	3	2,137
1/9/43	4	465	140	471	161	8	3	1,248	462	75	365	19	0	-	921	927	215	836	181	8	3	2,169
1/9/43	5	476	144	487	163	8	3	1,281	480	78	384	21	0	-	962	956	221	871	183	8	3	2,243
1/9/43	6	504	152	521	169	8	3	1,357	520	83	425	23	0	-	1,052	1,024	236	945	192	8	3	2,409
1/9/43	7	544	168	573	180	8	4	1,477	584	94	485	27	0	-	1,190	1,128	262	1,058	207	9	4	2,667
1/9/43	8	568	178	621	183	8	4	1,562	625	102	540	28	0	-	1,296	1,193	280	1,161	212	9	4	2,859
1/9/43	9	557	185	658	181	-	4	1,584	596	107	572	28	-	-	1,303	1,153	293	1,230	209	-	4	2,887
1/9/43	10	546	189	648	180	-	4	1,566	577	108	559	28	-	-	1,272	1,123	297	1,207	208	-	4	2,838
1/9/43	11	531	188	627	180	-	4	1,529	556	107	539	28	-	-	1,229	1,087	295	1,165	207	-	4	2,758
1/9/43	12	522	181	592	179	-	4	1,477	540	101	505	27	-	-	1,173	1,062	282	1,096	206	-	4	2,649
1/9/43	13	516	175	567	178	-	4	1,439	527	96	480	27	-	-	1,131	1,043	271	1,047	205	-	4	2,569
1/9/43	14	502	171	552	176	-	3	1,404	506	93	466	26	-	-	1,092	1,008	264	1,018	202	-	3	2,495
1/9/43	15	506	167	537	173	-	3	1,386	500	90	451	25	-	-	1,066	1,006	257	988	198	-	3	2,452
1/9/43	16	545	162	522	170	-	3	1,403	535	88	436	25	-	-	1,083	1,080	250	958	195	-	3	2,486
1/9/43	17	612	160	516	167	-	3	1,459	607	87	432	24	-	-	1,151	1,219	247	948	192	-	3	2,609
1/9/43	18	710	167	534	171	-	3	1,584	723	93	449	25	-	-	1,290	1,433	259	983	196	-	3	2,874
1/9/43	19	733	170	539	171	8	4	1,624	753	96	449	25	0	-	1,323	1,486	265	988	196	9	4	2,947
1/9/43	20	686	167	533	172	8	3	1,570	703	94	443	24	0	-	1,265	1,389	262	976	196	9	3	2,834
1/9/43	21	655	164	524	171	8	3	1,526	665	91	429	23	0	-	1,209	1,320	256	953	194	9	3	2,735
1/9/43	22	621	159	510	170	8	3	1,472	622	88	409	22	0	-	1,141	1,243	247	918	192	9	3	2,613
1/9/43	23	576	155	493	167	8	3	1,403	558	83	385	21	0	-	1,047	1,135	238	878	188	9	3	2,451
1/9/43	24	540	149	476	163	8	3	1,338	513	79	365	19	0	-	977	1,052	228	841	183	8	3	2,315



