

Part 1 - Appendix M
Kansas City Power & Light Reports

Missouri 4 CSR 240-22.030 (8) Reporting Requirements
Load Analysis and Forecasting

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

(8)(F)(1) The plots shall show each of the major class components of the net system load profile in a cumulative manner.

(8)(F)(2) 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 M-1 through M-8 for base-case KCP&L forecast reports designed to comply with section (8)(F) reporting requirements.

Linked Files:

IRP_8F_KCPL_LoadProfiles.xls

8F_Data_Calib.xls

P_System_Datalyzer.xls

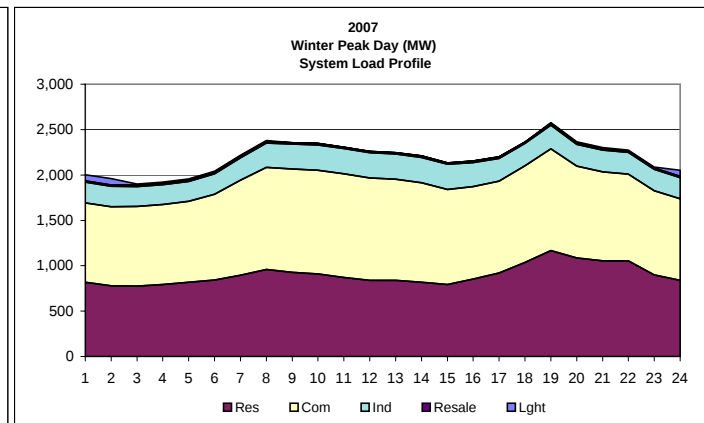
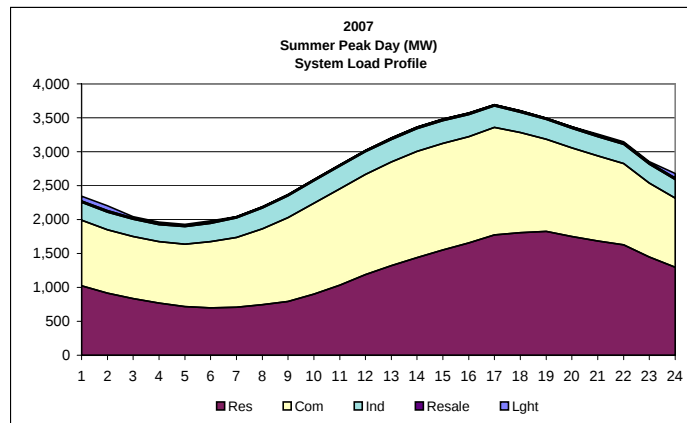
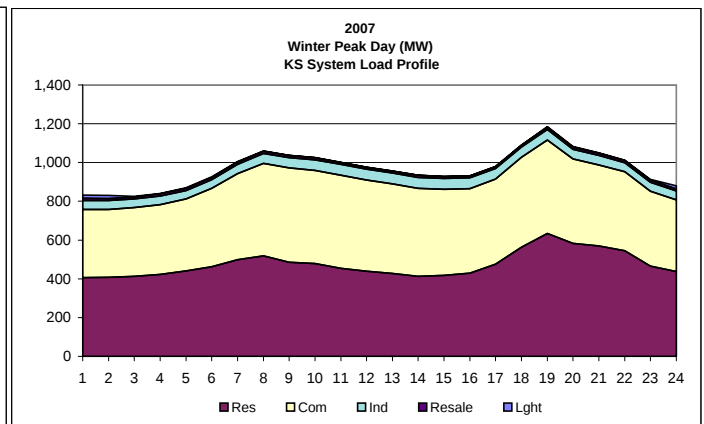
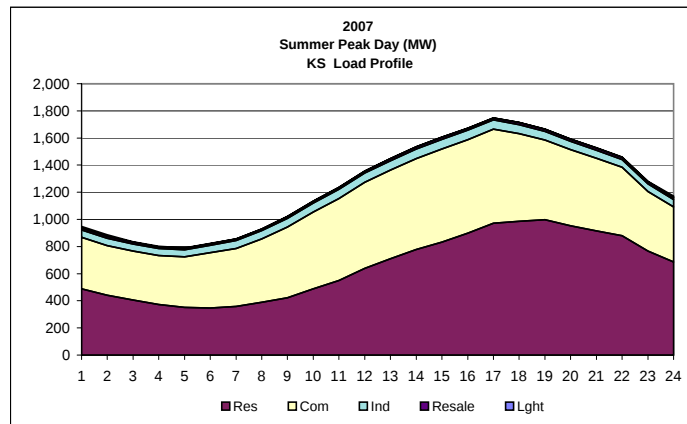
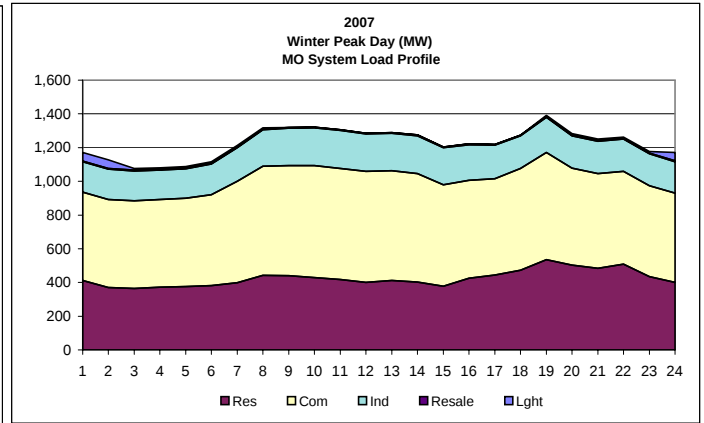
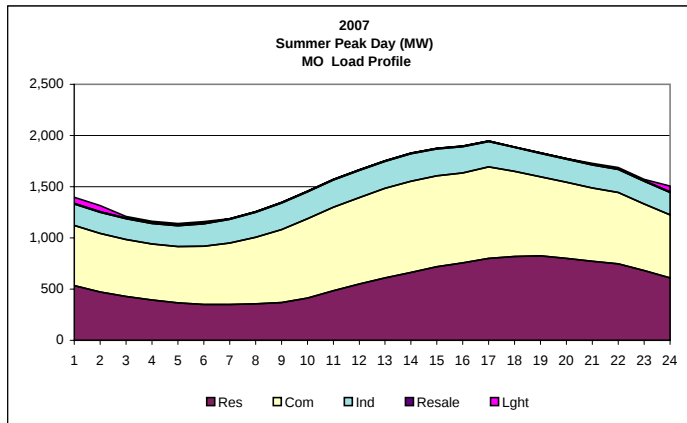
CalibPKHR100.xls

Plot M-1 KCP&L System Peak Day Loads by Class (Summer 2007)
Summer Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
7/19/07	1	533	589	210	58	6	1,396	488	379	54	12	15	949	1,022	968	265	70	20	2,345
7/19/07	2	473	571	206	60	6	1,315	442	364	54	12	14	887	915	935	260	72	20	2,202
7/19/07	3	429	556	203	15	6	1,209	406	360	53	3	13	835	835	916	256	19	18	2,044
7/19/07	4	394	547	201	16	5	1,163	373	360	52	3	12	801	767	906	254	19	18	1,963
7/19/07	5	366	550	204	16	6	1,141	351	372	52	3	12	790	717	921	256	19	17	1,931
7/19/07	6	351	569	218	16	6	1,159	346	409	53	3	12	824	697	978	271	19	18	1,982
7/19/07	7	351	598	232	-	6	1,187	358	429	58	-	12	856	708	1,027	290	-	17	2,043
7/19/07	8	356	649	247	-	6	1,257	390	467	61	-	12	930	746	1,116	308	-	18	2,187
7/19/07	9	369	713	258	-	6	1,346	423	521	63	-	13	1,020	792	1,235	321	-	19	2,366
7/19/07	10	412	774	263	-	6	1,455	488	567	66	-	14	1,135	900	1,341	329	-	20	2,590
7/19/07	11	483	817	266	-	6	1,571	549	605	67	-	15	1,236	1,032	1,421	333	-	20	2,807
7/19/07	12	550	843	266	-	5	1,664	639	635	68	-	16	1,357	1,189	1,478	334	-	21	3,021
7/19/07	13	609	876	263	-	6	1,754	711	651	69	-	16	1,447	1,320	1,527	332	-	22	3,201
7/19/07	14	662	892	267	-	6	1,827	779	671	70	-	16	1,535	1,441	1,563	337	-	22	3,362
7/19/07	15	718	887	264	-	6	1,875	832	687	71	-	16	1,606	1,550	1,574	334	-	22	3,480
7/19/07	16	757	879	255	-	5	1,897	899	689	70	-	16	1,673	1,656	1,567	325	-	21	3,570
7/19/07	17	800	895	248	-	5	1,947	972	693	68	-	16	1,749	1,771	1,587	316	-	21	3,696
7/19/07	18	818	833	232	-	5	1,889	987	646	65	-	16	1,714	1,805	1,479	298	-	22	3,603
7/19/07	19	826	771	228	-	5	1,831	997	588	64	-	17	1,665	1,823	1,359	292	-	22	3,496
7/19/07	20	799	745	226	-	5	1,775	952	562	61	-	17	1,591	1,751	1,306	287	-	22	3,367
7/19/07	21	770	716	226	12	6	1,730	915	535	59	2	17	1,529	1,686	1,251	286	14	22	3,259
7/19/07	22	747	696	226	12	6	1,687	879	504	58	3	17	1,461	1,626	1,201	283	15	23	3,148
7/19/07	23	680	652	222	13	6	1,573	766	440	56	3	16	1,281	1,446	1,092	279	16	21	2,854
7/19/07	24	609	616	220	54	5	1,505	686	405	55	11	14	1,172	1,295	1,021	276	66	20	2,677

Plot M-2 KCP&L System Peak Day Loads by Class (Winter 2007)
Winter Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
12/8/07	1	411	524	181	50	4	1,171	406	352	46	17	12	832	817	876	226	67	16	2,003
12/8/07	2	370	522	180	51	4	1,128	407	351	45	17	11	831	778	873	225	68	15	1,959
12/8/07	3	364	520	177	10	5	1,076	413	354	44	3	10	826	777	875	222	13	15	1,901
12/8/07	4	372	520	175	10	4	1,081	422	360	44	3	11	841	794	880	219	13	16	1,922
12/8/07	5	376	522	175	9	4	1,088	441	371	44	3	11	870	817	893	219	13	15	1,957
12/8/07	6	381	539	182	9	4	1,117	463	403	45	3	12	926	844	943	228	12	16	2,043
12/8/07	7	398	602	200	9	4	1,212	498	445	49	3	11	1,005	896	1,047	248	12	15	2,218
12/8/07	8	442	647	216	8	4	1,318	518	478	51	3	11	1,061	960	1,125	268	11	15	2,379
12/8/07	9	441	652	222	-	4	1,319	486	487	53	-	11	1,037	927	1,139	275	-	15	2,356
12/8/07	10	430	664	223	-	4	1,321	479	481	55	-	11	1,026	908	1,145	278	-	15	2,346
12/8/07	11	417	659	225	-	4	1,306	455	480	55	-	11	1,001	872	1,140	280	-	15	2,306
12/8/07	12	400	658	222	-	4	1,284	439	472	55	-	11	977	839	1,130	277	-	15	2,261
12/8/07	13	411	652	222	-	4	1,290	427	462	56	-	11	956	839	1,114	278	-	15	2,245
12/8/07	14	403	643	224	-	4	1,275	413	453	57	-	11	934	816	1,097	281	-	15	2,209
12/8/07	15	377	602	221	-	4	1,204	417	444	57	-	10	928	794	1,046	278	-	15	2,133
12/8/07	16	425	581	211	-	4	1,221	429	436	56	-	11	931	854	1,017	267	-	15	2,153
12/8/07	17	443	572	200	-	4	1,219	476	439	53	-	11	979	920	1,011	253	-	15	2,199
12/8/07	18	473	602	194	-	4	1,273	563	464	52	-	11	1,090	1,036	1,066	245	-	15	2,363
12/8/07	19	534	637	208	8	4	1,391	634	483	54	3	12	1,185	1,168	1,120	262	11	16	2,576
12/8/07	20	503	574	193	8	4	1,282	583	436	49	3	12	1,083	1,086	1,010	242	11	16	2,365
12/8/07	21	484	562	192	8	4	1,251	570	417	48	3	12	1,050	1,054	979	240	11	16	2,301
12/8/07	22	509	550	191	9	4	1,263	544	408	47	3	11	1,013	1,054	957	237	11	16	2,276
12/8/07	23	434	540	189	9	4	1,176	466	386	46	3	11	912	900	926	235	12	16	2,088
12/8/07	24	401	530	186	49	4	1,171	438	369	46	16	11	880	839	899	232	66	15	2,051

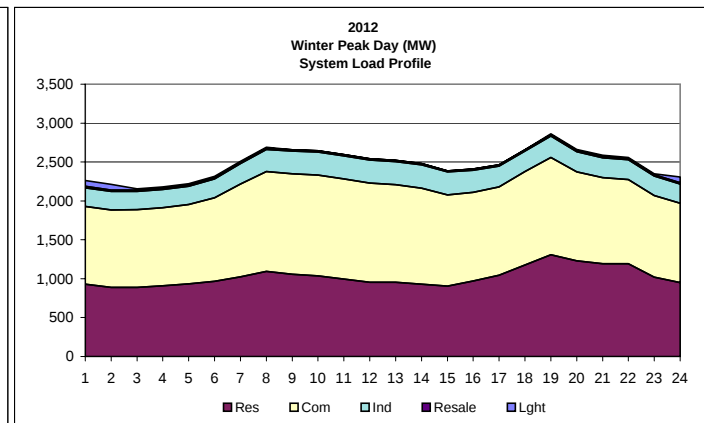
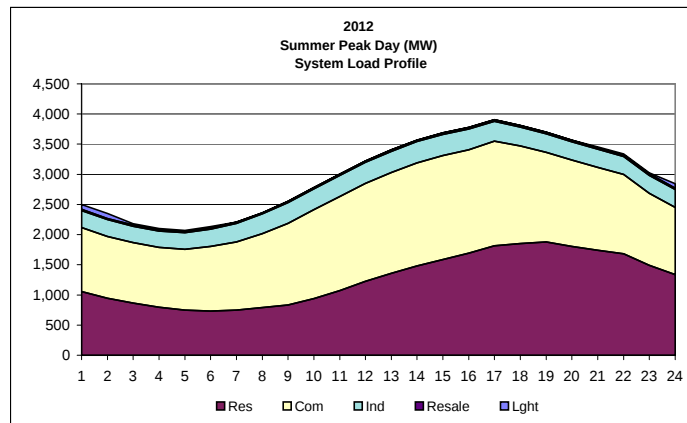
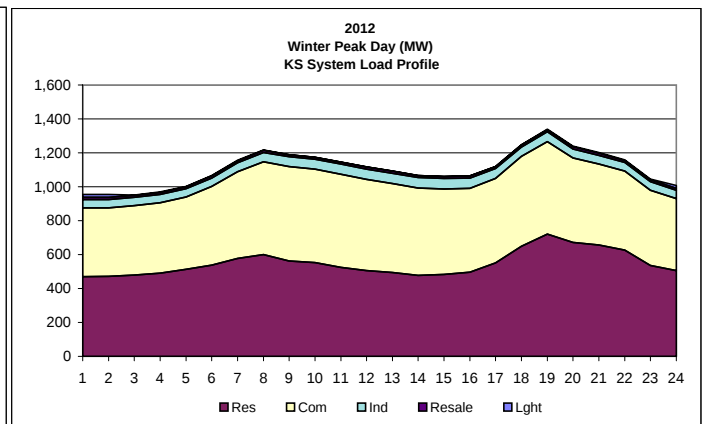
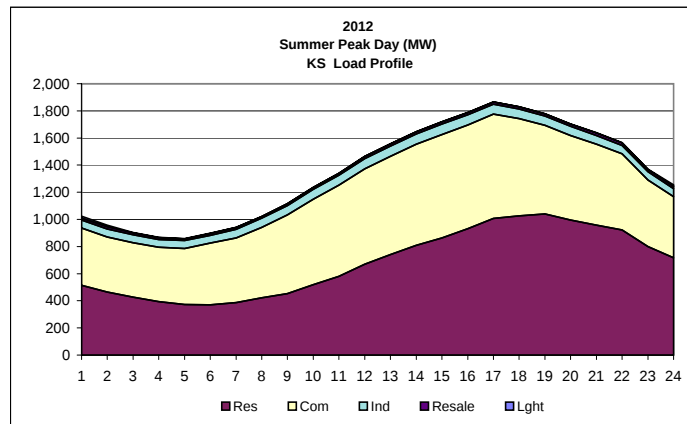
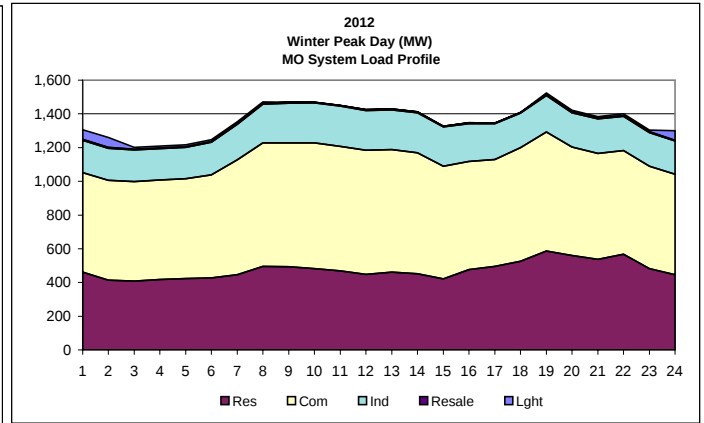
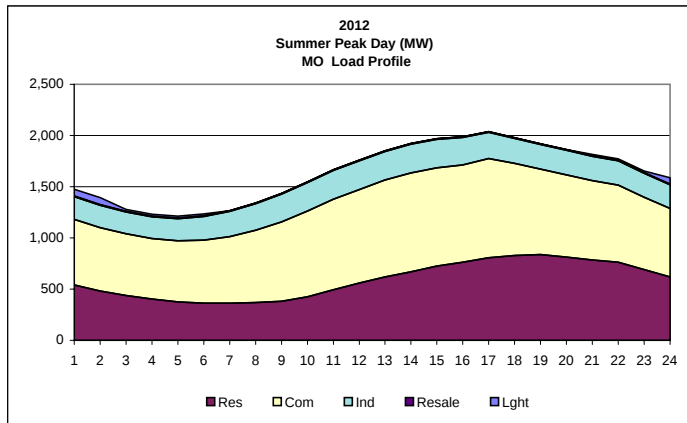


Plot M-3 KCP&L System Peak Day Loads by Class (Summer 2012)
Summer Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
7/19/12	1	542	638	222	67	6	1,475	513	422	59	12	16	1,022	1,055	1,060	281	79	22	2,498
7/19/12	2	481	619	217	69	6	1,393	465	406	59	13	15	958	946	1,025	277	82	21	2,350
7/19/12	3	437	603	214	18	6	1,278	428	401	58	3	14	903	865	1,004	272	21	20	2,181
7/19/12	4	402	593	213	18	6	1,231	394	401	57	3	13	869	796	993	270	21	19	2,100
7/19/12	5	375	596	216	18	6	1,211	372	414	57	3	13	859	748	1,010	272	21	19	2,070
7/19/12	6	362	617	229	18	6	1,233	370	455	58	3	13	899	732	1,072	288	21	19	2,132
7/19/12	7	364	650	245	-	6	1,265	386	478	63	-	13	940	750	1,128	308	-	19	2,205
7/19/12	8	369	705	260	-	6	1,340	421	521	67	-	13	1,022	791	1,225	327	-	19	2,362
7/19/12	9	382	774	272	-	6	1,434	452	581	69	-	14	1,116	834	1,355	341	-	20	2,550
7/19/12	10	424	839	277	-	6	1,546	518	631	72	-	15	1,236	942	1,470	349	-	21	2,782
7/19/12	11	493	885	280	-	6	1,665	579	672	73	-	16	1,340	1,073	1,558	353	-	22	3,005
7/19/12	12	560	914	280	-	6	1,759	669	705	74	-	17	1,465	1,228	1,619	354	-	23	3,223
7/19/12	13	617	949	277	-	6	1,849	742	723	75	-	17	1,557	1,359	1,672	352	-	23	3,406
7/19/12	14	669	966	281	-	6	1,922	809	744	76	-	17	1,647	1,478	1,710	357	-	23	3,568
7/19/12	15	724	960	278	-	6	1,968	863	762	77	-	17	1,719	1,587	1,722	354	-	23	3,687
7/19/12	16	763	951	269	-	6	1,988	931	764	76	-	17	1,788	1,694	1,714	344	-	23	3,776
7/19/12	17	806	967	257	-	6	2,036	1,007	768	74	-	17	1,867	1,814	1,735	331	-	23	3,903
7/19/12	18	827	900	245	-	6	1,978	1,025	717	71	-	17	1,831	1,852	1,617	316	-	23	3,808
7/19/12	19	837	834	241	-	6	1,918	1,039	653	69	-	18	1,779	1,876	1,487	310	-	24	3,697
7/19/12	20	811	806	239	-	6	1,862	995	624	66	-	18	1,703	1,806	1,430	305	-	24	3,565
7/19/12	21	784	775	239	14	6	1,817	959	595	65	2	18	1,639	1,743	1,370	303	16	24	3,456
7/19/12	22	761	754	238	14	6	1,773	922	561	63	3	18	1,566	1,683	1,314	301	17	25	3,339
7/19/12	23	691	706	235	15	6	1,653	800	490	62	3	17	1,371	1,492	1,195	296	18	23	3,024
7/19/12	24	619	668	232	63	6	1,588	717	451	60	11	15	1,254	1,336	1,118	293	74	21	2,842

Plot M-4 KCP&L System Peak Day Loads by Class (Winter 2012)
Winter Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
12/8/12	1	461	592	192	57	5	1,306	470	405	50	17	13	954	931	997	241	74	18	2,260
12/8/12	2	415	591	191	58	5	1,259	472	403	49	17	12	954	887	995	240	75	17	2,213
12/8/12	3	408	589	188	11	5	1,202	480	408	48	3	11	951	888	998	237	14	16	2,153
12/8/12	4	418	589	185	11	5	1,209	491	415	48	3	12	970	909	1,005	234	14	17	2,178
12/8/12	5	423	593	186	11	5	1,217	513	427	48	3	12	1,003	935	1,019	234	14	17	2,219
12/8/12	6	428	610	193	11	5	1,247	538	464	49	3	13	1,067	966	1,074	243	14	17	2,314
12/8/12	7	445	682	212	10	5	1,353	578	511	53	3	12	1,156	1,023	1,192	265	13	17	2,509
12/8/12	8	496	732	229	9	4	1,471	600	547	56	3	12	1,218	1,096	1,280	285	12	16	2,689
12/8/12	9	494	734	235	-	4	1,468	562	557	58	-	12	1,189	1,056	1,291	293	-	17	2,657
12/8/12	10	482	747	237	-	4	1,470	553	550	59	-	12	1,174	1,035	1,296	296	-	17	2,644
12/8/12	11	468	740	238	-	4	1,450	525	548	60	-	12	1,145	994	1,287	298	-	16	2,595
12/8/12	12	448	737	235	-	5	1,425	507	538	60	-	12	1,116	954	1,275	295	-	17	2,541
12/8/12	13	460	729	235	-	5	1,429	494	525	61	-	12	1,092	954	1,254	296	-	16	2,520
12/8/12	14	451	718	237	-	5	1,411	478	516	62	-	12	1,067	929	1,234	299	-	16	2,478
12/8/12	15	421	667	234	-	5	1,327	482	504	62	-	11	1,060	904	1,172	296	-	16	2,387
12/8/12	16	476	642	224	-	5	1,347	496	495	61	-	12	1,064	972	1,138	285	-	16	2,411
12/8/12	17	496	634	212	-	5	1,346	550	499	58	-	12	1,119	1,046	1,133	270	-	16	2,465
12/8/12	18	526	672	205	-	5	1,409	650	529	56	-	12	1,247	1,176	1,201	262	-	17	2,656
12/8/12	19	586	706	217	9	5	1,523	721	544	58	3	13	1,339	1,308	1,250	276	12	17	2,862
12/8/12	20	559	643	204	9	5	1,421	672	497	54	3	13	1,239	1,232	1,141	258	12	17	2,660
12/8/12	21	536	630	204	10	5	1,384	657	476	52	3	13	1,201	1,193	1,106	256	12	17	2,585
12/8/12	22	567	616	202	10	5	1,400	626	466	51	3	13	1,158	1,193	1,082	253	13	17	2,558
12/8/12	23	483	606	200	10	5	1,304	537	443	50	3	13	1,045	1,020	1,049	250	13	17	2,349
12/8/12	24	446	595	197	56	5	1,300	506	424	50	16	12	1,007	952	1,019	247	73	17	2,308

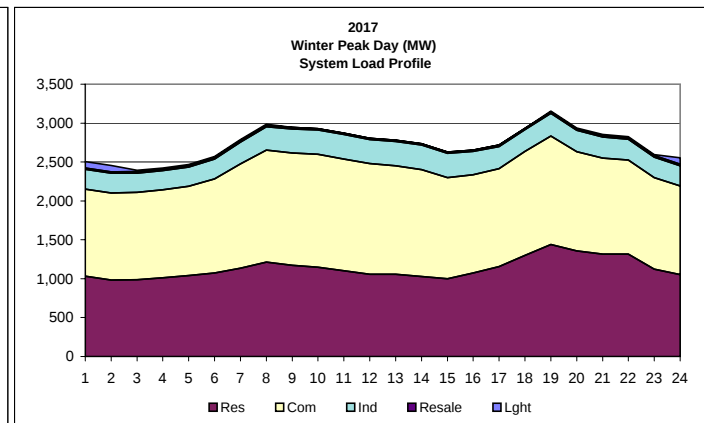
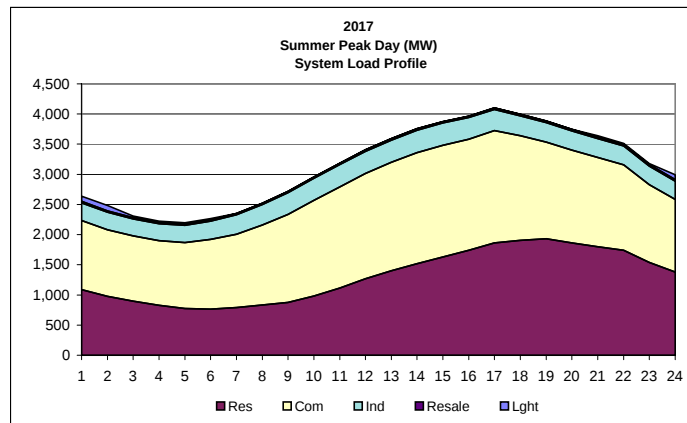
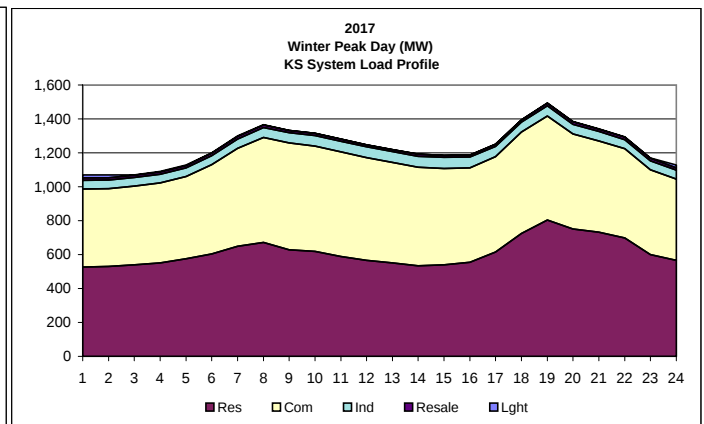
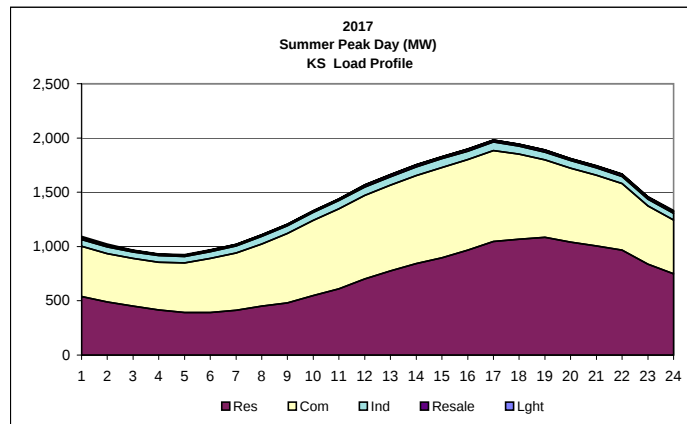
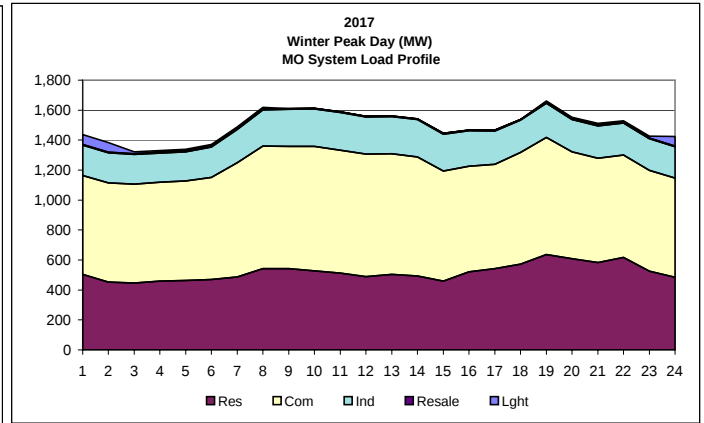
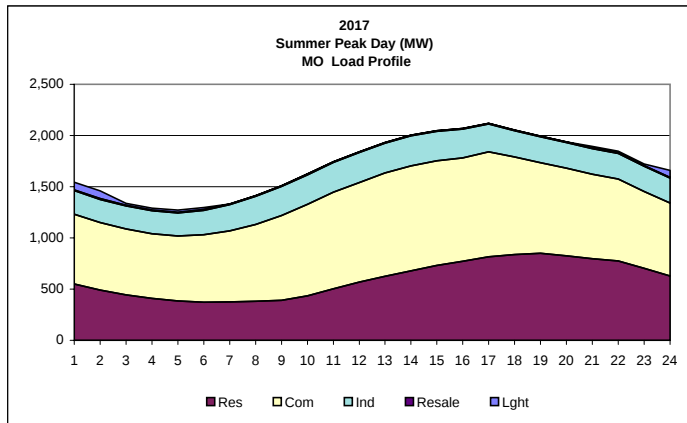


Plot M-5 KCP&L System Peak Day Loads by Class (Summer 2017)
Summer Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
7/19/17	1	551	679	233	75	7	1,544	539	463	62	12	17	1,093	1,090	1,142	295	87	23	2,637
7/19/17	2	489	659	228	77	7	1,460	489	445	62	13	16	1,024	978	1,105	290	89	23	2,485
7/19/17	3	444	642	225	20	7	1,338	450	440	60	3	15	968	894	1,083	285	23	21	2,307
7/19/17	4	410	632	223	20	7	1,291	416	440	60	3	14	933	825	1,072	283	23	20	2,224
7/19/17	5	383	635	226	20	7	1,272	393	455	59	3	14	924	777	1,090	285	23	20	2,196
7/19/17	6	371	659	240	20	7	1,297	392	499	61	3	14	970	764	1,158	301	23	21	2,266
7/19/17	7	374	694	257	-	7	1,332	414	526	66	-	14	1,019	788	1,220	323	-	20	2,351
7/19/17	8	380	752	273	-	7	1,412	451	573	70	-	14	1,108	831	1,326	342	-	21	2,520
7/19/17	9	392	826	284	-	7	1,509	481	638	72	-	14	1,206	873	1,464	356	-	21	2,715
7/19/17	10	433	894	290	-	7	1,624	548	692	75	-	16	1,331	982	1,587	364	-	23	2,955
7/19/17	11	503	943	292	-	7	1,745	610	736	76	-	17	1,440	1,113	1,679	368	-	24	3,185
7/19/17	12	569	973	292	-	7	1,840	701	771	77	-	18	1,567	1,269	1,744	369	-	25	3,407
7/19/17	13	626	1,009	289	-	7	1,931	774	791	78	-	19	1,662	1,400	1,800	367	-	26	3,593
7/19/17	14	677	1,026	293	-	7	2,003	842	813	79	-	19	1,753	1,520	1,839	373	-	26	3,757
7/19/17	15	732	1,020	290	-	7	2,048	897	832	80	-	19	1,828	1,629	1,852	370	-	26	3,876
7/19/17	16	771	1,010	281	-	7	2,068	967	833	79	-	19	1,898	1,738	1,843	359	-	25	3,966
7/19/17	17	815	1,025	273	-	6	2,120	1,047	838	77	-	19	1,981	1,862	1,863	350	-	25	4,101
7/19/17	18	837	954	257	-	6	2,054	1,068	782	74	-	19	1,943	1,905	1,737	330	-	26	3,997
7/19/17	19	849	885	252	-	7	1,993	1,084	714	72	-	20	1,890	1,933	1,599	324	-	26	3,883
7/19/17	20	824	856	250	-	7	1,936	1,040	683	69	-	20	1,812	1,864	1,539	319	-	26	3,748
7/19/17	21	797	824	250	15	7	1,893	1,004	652	67	2	20	1,746	1,801	1,476	317	18	27	3,639
7/19/17	22	774	801	249	16	7	1,847	966	614	65	3	20	1,668	1,740	1,415	315	18	27	3,515
7/19/17	23	703	751	246	17	7	1,723	836	537	64	3	19	1,459	1,539	1,287	310	20	26	3,181
7/19/17	24	629	711	243	70	7	1,660	749	494	63	11	17	1,334	1,378	1,205	306	81	23	2,994

Plot M-6 KCP&L System Peak Day Loads by Class (Winter 2017)
Winter Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
12/8/17	1	504	660	203	65	5	1,669	527	460	52	17	14	1,277	1,030	1,119	255	82	20	2,945
12/8/17	2	453	660	201	64	5	1,680	530	458	52	17	13	1,303	983	1,118	253	81	18	2,984
12/8/17	3	447	659	199	12	5	1,621	539	464	51	3	13	1,329	986	1,123	250	15	18	2,950
12/8/17	4	459	660	196	12	5	1,621	551	472	51	3	14	1,344	1,010	1,131	246	15	19	2,965
12/8/17	5	464	663	196	12	5	1,613	576	485	51	3	14	1,373	1,040	1,148	247	15	19	2,987
12/8/17	6	469	682	204	12	5	1,611	604	527	52	3	15	1,420	1,073	1,208	256	15	20	3,031
12/8/17	7	487	762	223	11	5	1,653	648	578	56	3	15	1,448	1,135	1,340	279	14	20	3,101
12/8/17	8	543	818	241	10	5	1,710	672	619	59	3	14	1,446	1,215	1,437	300	13	19	3,156
12/8/17	9	542	817	248	-	5	1,717	629	630	61	-	13	1,419	1,171	1,446	309	-	18	3,136
12/8/17	10	528	830	249	-	5	1,728	619	620	63	-	13	1,406	1,147	1,451	312	-	18	3,134
12/8/17	11	513	820	251	-	5	1,732	588	618	63	-	12	1,393	1,101	1,438	314	-	17	3,125
12/8/17	12	489	817	248	-	5	1,731	566	606	63	-	12	1,380	1,056	1,423	311	-	17	3,112
12/8/17	13	503	806	248	-	5	1,747	552	592	64	-	11	1,359	1,055	1,397	312	-	17	3,106
12/8/17	14	494	794	250	-	5	1,749	535	580	65	-	11	1,346	1,028	1,374	315	-	17	3,095
12/8/17	15	460	734	246	-	5	1,686	540	568	65	-	11	1,377	1,000	1,301	312	-	17	3,063
12/8/17	16	521	705	236	-	5	1,700	555	557	64	-	11	1,372	1,075	1,263	300	-	16	3,072
12/8/17	17	542	696	223	-	5	1,670	615	562	61	-	12	1,420	1,157	1,258	285	-	17	3,091
12/8/17	18	573	743	217	-	5	1,647	725	596	59	-	13	1,490	1,298	1,340	276	-	18	3,137
12/8/17	19	636	781	229	10	5	1,655	804	613	61	3	14	1,490	1,440	1,395	290	13	19	3,144
12/8/17	20	608	713	216	10	5	1,656	751	561	57	3	14	1,480	1,359	1,275	272	13	19	3,136
12/8/17	21	582	698	215	11	5	1,649	733	538	55	3	14	1,471	1,315	1,235	270	14	19	3,121
12/8/17	22	617	684	214	11	5	1,683	698	526	53	3	14	1,431	1,315	1,210	267	14	19	3,114
12/8/17	23	525	673	211	12	5	1,671	600	501	53	3	14	1,365	1,125	1,174	264	15	19	3,036
12/8/17	24	486	661	208	65	5	1,654	566	480	52	17	14	1,312	1,051	1,141	261	81	19	2,966



Plot M-7 KCP&L System Peak Day Loads by Class (Summer 2027)
Summer Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
7/19/27	1	563	735	247	83	7	1,636	587	529	66	12	18	1,213	1,150	1,264	313	96	25	2,849
7/19/27	2	501	714	242	86	7	1,549	533	509	66	13	17	1,138	1,033	1,223	308	98	24	2,687
7/19/27	3	455	696	239	22	7	1,419	491	504	65	3	16	1,078	946	1,199	303	25	23	2,497
7/19/27	4	420	684	237	22	7	1,371	455	504	64	3	15	1,040	875	1,188	301	26	22	2,411
7/19/27	5	394	688	240	22	7	1,352	431	520	64	3	14	1,033	825	1,209	303	26	21	2,384
7/19/27	6	383	714	254	22	7	1,380	432	571	65	3	15	1,086	815	1,285	319	25	22	2,466
7/19/27	7	387	753	272	-	7	1,420	459	603	71	-	15	1,147	846	1,356	343	-	22	2,567
7/19/27	8	394	816	288	-	7	1,505	500	657	75	-	15	1,247	894	1,473	363	-	22	2,752
7/19/27	9	405	895	300	-	7	1,608	531	730	78	-	16	1,354	935	1,625	378	-	23	2,962
7/19/27	10	446	968	305	-	8	1,727	601	791	80	-	17	1,490	1,047	1,759	386	-	25	3,217
7/19/27	11	516	1,020	308	-	7	1,851	666	841	82	-	18	1,607	1,182	1,861	390	-	26	3,459
7/19/27	12	582	1,052	308	-	7	1,949	761	880	83	-	20	1,743	1,343	1,932	391	-	27	3,692
7/19/27	13	639	1,090	305	-	7	2,042	839	901	84	-	20	1,844	1,478	1,992	389	-	28	3,886
7/19/27	14	691	1,108	309	-	7	2,115	910	926	85	-	20	1,941	1,600	2,034	394	-	28	4,056
7/19/27	15	745	1,101	306	-	7	2,159	967	947	86	-	21	2,021	1,713	2,048	392	-	28	4,180
7/19/27	16	784	1,090	296	-	7	2,177	1,043	948	84	-	20	2,096	1,827	2,038	380	-	28	4,273
7/19/27	17	830	1,106	288	-	7	2,231	1,129	953	83	-	21	2,186	1,959	2,059	371	-	28	4,417
7/19/27	18	853	1,029	271	-	7	2,160	1,154	890	79	-	21	2,144	2,007	1,919	350	-	28	4,305
7/19/27	19	867	956	267	-	7	2,097	1,174	814	77	-	21	2,086	2,041	1,770	344	-	29	4,183
7/19/27	20	842	925	265	-	7	2,038	1,128	779	74	-	21	2,002	1,970	1,703	339	-	28	4,041
7/19/27	21	816	890	265	17	7	1,995	1,091	744	72	3	21	1,931	1,907	1,634	337	20	29	3,926
7/19/27	22	793	866	264	17	7	1,947	1,050	701	70	3	22	1,845	1,843	1,567	334	20	29	3,793
7/19/27	23	719	811	260	19	7	1,816	907	613	69	3	20	1,611	1,625	1,424	329	22	28	3,428
7/19/27	24	643	769	258	78	7	1,755	812	565	67	11	18	1,473	1,455	1,333	325	90	25	3,228

Plot M-8 KCP&L System Peak Day Loads by Class (Winter 2027)
Winter Peak Day (MW)

Date	Hr	Missouri						Kansas						System					
		Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total	Res	Com	Ind	Lght	Resale	Total
12/8/27	1	574	761	216	72	6	1,875	628	549	57	17	15	1,507	1,202	1,310	273	90	22	3,382
12/8/27	2	516	764	215	71	6	1,893	634	547	57	17	14	1,540	1,150	1,311	271	87	20	3,434
12/8/27	3	510	763	212	13	6	1,827	647	555	55	3	14	1,575	1,157	1,319	268	17	20	3,402
12/8/27	4	525	765	209	13	6	1,828	662	565	55	3	15	1,592	1,187	1,330	264	17	20	3,420
12/8/27	5	530	769	209	13	6	1,819	692	580	55	3	15	1,626	1,223	1,349	265	16	21	3,445
12/8/27	6	535	788	218	13	6	1,812	726	629	56	3	16	1,681	1,261	1,417	274	16	22	3,493
12/8/27	7	554	881	238	12	6	1,859	776	689	61	3	16	1,710	1,331	1,570	299	15	22	3,569
12/8/27	8	619	946	257	12	5	1,922	802	736	64	3	15	1,701	1,421	1,682	321	14	21	3,623
12/8/27	9	618	937	263	-	6	1,930	750	748	66	-	14	1,673	1,368	1,685	330	-	20	3,603
12/8/27	10	603	953	265	-	6	1,945	737	734	68	-	13	1,656	1,340	1,687	333	-	19	3,601
12/8/27	11	585	937	266	-	6	1,948	699	730	69	-	13	1,642	1,285	1,667	335	-	19	3,589
12/8/27	12	556	932	263	-	6	1,947	673	715	69	-	13	1,627	1,229	1,647	332	-	19	3,574
12/8/27	13	573	916	263	-	6	1,964	656	697	70	-	13	1,602	1,228	1,612	333	-	18	3,566
12/8/27	14	562	901	265	-	6	1,966	636	683	71	-	12	1,587	1,198	1,584	337	-	18	3,553
12/8/27	15	521	825	262	-	6	1,887	643	667	72	-	12	1,626	1,164	1,493	333	-	18	3,513
12/8/27	16	593	791	251	-	6	1,905	660	655	70	-	12	1,619	1,253	1,446	321	-	18	3,524
12/8/27	17	615	783	238	-	6	1,871	732	662	67	-	13	1,676	1,347	1,444	305	-	19	3,547
12/8/27	18	646	844	231	-	6	1,846	860	704	64	-	15	1,756	1,506	1,548	296	-	21	3,602
12/8/27	19	714	891	243	11	6	1,856	950	724	66	3	16	1,755	1,664	1,615	310	14	21	3,611
12/8/27	20	685	815	230	12	6	1,856	890	664	62	3	16	1,745	1,574	1,479	292	14	22	3,602
12/8/27	21	652	796	230	12	6	1,848	867	636	60	3	16	1,735	1,519	1,432	290	15	22	3,583
12/8/27	22	694	781	228	12	6	1,889	825	623	58	3	16	1,687	1,519	1,405	286	15	22	3,575
12/8/27	23	591	771	225	13	6	1,875	711	595	57	3	15	1,613	1,302	1,366	283	16	21	3,487
12/8/27	24	547	758	222	72	6	1,855	672	571	57	17	15	1,549	1,220	1,329	279	89	21	3,404

