

Table 4-3
Southern Economic Region History and Forecast
Regional Summary

	Population		Labor Force		Total Employment		Unemployment Rate		Average Real Wages		Regional Income		Real Per Capita Income	
		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change
Actual														
1985	396,478		188,670		109,208		10.5%		\$23,355		\$6,280		\$15,839	
1986	392,948	-0.9%	188,255	-0.2%	110,202	0.9%	11.1%	5.5%	\$23,810	1.9%	\$6,381	1.6%	\$16,239	2.5%
1987	391,372	-0.4%	187,102	-0.6%	116,111	5.4%	9.8%	-11.3%	\$23,673	-0.6%	\$6,552	2.7%	\$16,741	3.1%
1988	391,260	0.0%	192,334	2.8%	122,370	5.4%	9.3%	-5.6%	\$23,418	-1.1%	\$6,687	2.1%	\$17,091	2.1%
1989	391,906	0.2%	195,519	1.7%	128,484	5.0%	7.1%	-24.0%	\$22,823	-2.5%	\$6,935	3.7%	\$17,696	3.5%
1990	394,532	0.7%	189,115	-3.3%	131,739	2.5%	7.5%	5.7%	\$22,495	-1.4%	\$6,973	0.5%	\$17,674	-0.1%
1991	398,928	1.1%	190,262	0.6%	134,168	1.8%	8.9%	19.5%	\$22,575	0.4%	\$7,198	3.2%	\$18,043	2.1%
1992	404,361	1.4%	191,802	0.8%	139,135	3.7%	7.5%	-15.7%	\$23,289	3.2%	\$7,639	6.1%	\$18,891	4.7%
1993	411,270	1.7%	195,963	2.2%	144,562	3.9%	6.5%	-13.7%	\$23,164	-0.5%	\$7,822	2.4%	\$19,019	0.7%
1994	416,938	1.4%	198,879	1.5%	151,277	4.6%	5.3%	-18.9%	\$23,254	0.4%	\$8,066	3.1%	\$19,345	1.7%
1995	423,801	1.6%	203,233	2.2%	155,353	2.7%	5.9%	11.4%	\$23,541	1.2%	\$8,158	1.1%	\$19,250	-0.5%
1996	429,015	1.2%	204,735	0.7%	155,587	0.2%	7.3%	24.4%	\$23,932	1.7%	\$8,286	1.6%	\$19,313	0.3%
1997	434,197	1.2%	207,824	1.5%	157,986	1.5%	7.5%	2.4%	\$24,777	3.5%	\$8,786	6.0%	\$20,236	4.8%
1998	439,057	1.1%	209,093	0.6%	158,273	0.2%	7.8%	5.0%	\$25,174	1.6%	\$9,037	2.8%	\$20,582	1.7%
1999	443,016	0.9%	210,305	0.6%	162,829	2.9%	6.3%	-20.1%	\$25,571	1.6%	\$9,032	-0.1%	\$20,387	-0.9%
2000	447,001	0.9%	211,627	0.6%	166,580	2.3%	4.9%	-22.4%	\$25,008	-2.2%	\$9,499	5.2%	\$21,250	4.2%
2001	449,651	0.6%	214,437	1.3%	170,147	2.1%	6.5%	33.0%	\$26,109	4.4%	\$9,436	-0.7%	\$20,986	-1.2%
2002	452,379	0.6%	218,069	1.7%	172,318	1.3%	8.0%	23.6%	\$26,773	2.5%	\$9,870	4.6%	\$21,817	4.0%
2003	454,983	0.6%	220,573	1.1%	175,827	2.0%	9.0%	13.4%	\$27,348	2.1%	\$10,257	3.9%	\$22,544	3.3%
Forecast														
2004	459,545	1.0%	224,135	1.6%	172,318	-2.0%	9.0%	0.0%	\$27,760	1.5%	\$10,619	3.5%	\$23,107	2.5%
2005	464,217	1.0%	227,830	1.6%	175,827	2.0%	9.6%	6.3%	\$28,074	1.1%	\$10,931	2.9%	\$23,548	1.9%
2006	469,013	1.0%	231,665	1.7%	179,015	1.8%	9.8%	2.1%	\$28,323	0.9%	\$11,221	2.7%	\$23,925	1.6%
2007	474,201	1.1%	235,653	1.7%	182,442	1.9%	9.9%	0.8%	\$28,524	0.7%	\$11,523	2.7%	\$24,299	1.6%
2008	479,265	1.1%	239,577	1.7%	186,117	2.0%	9.8%	-0.5%	\$28,691	0.6%	\$11,822	2.6%	\$24,668	1.5%
Long-Term Forecast														
2015	517,536	1.1%	267,077	1.6%	211,108	1.8%	8.4%	-2.2%	29,358	0.3%	\$13,865	2.3%	\$26,791	1.2%
Very Long-Term Forecast														
2025	587,308	1.3%	314,418	1.6%	234,203	1.0%	8.2%	-0.2%	29,630	0.1%	\$18,009	2.6%	\$30,663	1.4%
Notes:	<i>Wages & Per Capita Income are in constant 2004 dollars. Income is in millions of constant 2004 dollars. Growth rates are average annual changes.</i>													

Table 4-4
Eastern Economic Region History and Forecast
Regional Summary

	Population		Labor Force		Total Employment		Unemployment Rate		Average Real Wages		Regional Income		Real Per Capita Income	
		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change
Actual														
1985	570,679		196,291		123,780		13.8%		\$25,685		\$8,656		\$15,167	
1986	565,366	-0.9%	193,166	-1.6%	122,225	-1.3%	14.5%	4.5%	\$25,933	1.0%	\$8,641	-0.2%	\$15,284	0.8%
1987	557,813	-1.3%	189,033	-2.1%	124,212	1.6%	14.2%	-2.1%	\$25,681	-1.0%	\$8,461	-2.1%	\$15,168	-0.8%
1988	550,154	-1.4%	185,850	-1.7%	126,841	2.1%	12.5%	-11.8%	\$25,431	-1.0%	\$8,365	-1.1%	\$15,204	0.2%
1989	540,724	-1.7%	184,777	-0.6%	130,097	2.6%	9.2%	-26.5%	\$24,681	-2.9%	\$8,402	0.4%	\$15,539	2.2%
1990	537,730	-0.6%	189,366	2.5%	133,728	2.8%	8.8%	-4.1%	\$24,612	-0.3%	\$8,560	1.9%	\$15,919	2.4%
1991	541,392	0.7%	191,993	1.4%	133,514	-0.2%	11.8%	34.1%	\$24,629	0.1%	\$8,698	1.6%	\$16,065	0.9%
1992	544,832	0.6%	192,943	0.5%	135,230	1.3%	11.2%	-5.1%	\$25,144	2.1%	\$9,009	3.6%	\$16,536	2.9%
1993	547,905	0.6%	195,098	1.1%	139,256	3.0%	9.9%	-12.1%	\$24,997	-0.6%	\$9,082	0.8%	\$16,576	0.2%
1994	549,883	0.4%	195,696	0.3%	142,860	2.6%	8.8%	-10.9%	\$24,937	-0.2%	\$9,136	0.6%	\$16,614	0.2%
1995	551,496	0.3%	199,864	2.1%	146,436	2.5%	9.0%	2.3%	\$24,951	0.1%	\$9,177	0.4%	\$16,639	0.1%
1996	550,666	-0.2%	197,611	-1.1%	146,529	0.1%	9.4%	4.7%	\$24,950	0.0%	\$9,239	0.7%	\$16,777	0.8%
1997	550,184	-0.1%	200,561	1.5%	148,662	1.5%	8.1%	-13.6%	\$25,520	2.3%	\$9,660	4.6%	\$17,558	4.7%
1998	549,734	-0.1%	199,643	-0.5%	151,192	1.7%	6.7%	-18.2%	\$25,623	0.4%	\$9,910	2.6%	\$18,027	2.7%
1999	549,294	-0.1%	201,967	1.2%	152,980	1.2%	6.8%	2.6%	\$25,768	0.6%	\$10,060	1.5%	\$18,314	1.6%
2000	548,328	-0.2%	201,022	-0.5%	153,405	0.3%	6.2%	-9.9%	\$25,703	-0.3%	\$10,173	1.1%	\$18,552	1.3%
2001	546,821	-0.3%	203,280	1.1%	157,192	2.5%	6.5%	6.1%	\$26,446	2.9%	\$10,334	1.6%	\$18,899	1.9%
2002	545,760	-0.2%	201,690	-0.8%	156,477	-0.5%	8.8%	34.9%	\$26,377	-0.3%	\$10,286	-0.5%	\$18,847	-0.3%
2003	548,652	0.5%	202,913	0.6%	158,427	1.2%	9.2%	4.3%	\$26,287	-0.3%	\$10,495	2.0%	\$19,128	1.5%
Forecast														
2004	551,431	0.5%	204,024	0.5%	156,477	-1.2%	9.2%	0.0%	\$26,248	-0.1%	\$10,722	2.2%	\$19,444	1.7%
2005	554,959	0.6%	205,397	0.7%	158,427	1.2%	9.1%	-1.2%	\$26,249	0.0%	\$10,870	1.4%	\$19,587	0.7%
2006	558,729	0.7%	206,884	0.7%	160,301	1.2%	8.8%	-3.2%	\$26,253	0.0%	\$11,116	2.3%	\$19,896	1.6%
2007	562,281	0.6%	208,275	0.7%	162,680	1.5%	8.7%	-1.1%	\$26,265	0.0%	\$11,394	2.5%	\$20,265	1.9%
2008	566,061	0.7%	209,744	0.7%	165,222	1.6%	8.5%	-2.4%	\$26,290	0.1%	\$11,649	2.2%	\$20,580	1.6%
Long-Term Forecast														
2015	586,558	0.5%	217,811	0.5%	183,986	1.5%	7.2%	-2.3%	26,426	0.1%	\$13,625	2.3%	\$23,229	1.7%
Very Long-Term Forecast														
2025	605,659	0.3%	225,473	0.3%	196,866	0.7%	7.1%	-0.1%	26,441	0.0%	\$17,693	2.6%	\$29,212	2.3%
Notes: Wages & Per Capita Income are in constant 2004 dollars. Income is in millions of constant 2004 dollars. Growth rates are average annual changes.														

**Table 4-5
Northeastern Economic Region History and Forecast
Regional Summary**

	Population		Labor Force		Total Employment		Unemployment Rate		Average Real Wages		Regional Income		Real Per Capita Income	
		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change
Actual														
1985	264,042		107,407		64,621		13.1%		\$26,353		\$4,406		\$16,687	
1986	261,148	-1.1%	105,947	-1.4%	64,218	-0.6%	13.9%	6.1%	\$27,036	2.6%	\$4,429	0.5%	\$16,959	1.6%
1987	259,435	-0.7%	104,369	-1.5%	66,224	3.1%	12.8%	-7.7%	\$27,428	1.4%	\$4,504	1.7%	\$17,359	2.4%
1988	258,663	-0.3%	105,056	0.7%	69,744	5.3%	10.6%	-17.2%	\$27,344	-0.3%	\$4,558	1.2%	\$17,621	1.5%
1989	257,955	-0.3%	105,168	0.1%	72,446	3.9%	8.1%	-24.1%	\$26,573	-2.8%	\$4,656	2.1%	\$18,049	2.4%
1990	257,802	-0.1%	112,213	6.7%	75,302	3.9%	8.7%	7.8%	\$26,312	-1.0%	\$4,707	1.1%	\$18,258	1.2%
1991	259,486	0.7%	112,788	0.5%	74,744	-0.7%	11.6%	33.4%	\$25,904	-1.6%	\$4,732	0.5%	\$18,237	-0.1%
1992	262,078	1.0%	112,364	-0.4%	77,155	3.2%	10.7%	-7.8%	\$26,587	2.6%	\$4,944	4.5%	\$18,863	3.4%
1993	263,907	0.7%	114,358	1.8%	76,744	-0.5%	11.2%	4.7%	\$26,202	-1.4%	\$4,908	-0.7%	\$18,596	-1.4%
1994	265,141	0.5%	114,313	0.0%	79,567	3.7%	9.1%	-18.6%	\$26,352	0.6%	\$4,965	1.2%	\$18,727	0.7%
1995	266,430	0.5%	116,196	1.6%	80,767	1.5%	8.7%	-4.4%	\$25,818	-2.0%	\$4,903	-1.2%	\$18,404	-1.7%
1996	267,679	0.5%	115,871	-0.3%	82,509	2.2%	7.8%	-10.1%	\$25,879	0.2%	\$5,016	2.3%	\$18,739	1.8%
1997	269,391	0.6%	119,266	2.9%	84,113	1.9%	8.1%	3.2%	\$26,479	2.3%	\$5,358	6.8%	\$19,889	6.1%
1998	271,054	0.6%	120,065	0.7%	85,607	1.8%	6.7%	-17.0%	\$26,603	0.5%	\$5,533	3.3%	\$20,413	2.6%
1999	272,333	0.5%	121,270	1.0%	85,833	0.3%	7.1%	6.3%	\$26,813	0.8%	\$5,397	-2.5%	\$19,818	-2.9%
2000	273,613	0.5%	119,452	-1.5%	86,955	1.3%	6.0%	-15.4%	\$26,816	0.0%	\$5,631	4.3%	\$20,581	3.9%
2001	274,665	0.4%	120,698	1.0%	88,314	1.6%	7.7%	28.2%	\$27,469	2.4%	\$5,604	-0.5%	\$20,403	-0.9%
2002	275,596	0.3%	121,356	0.5%	89,445	1.3%	8.1%	4.9%	\$27,741	1.0%	\$5,752	2.6%	\$20,870	2.3%
2003	276,028	0.2%	122,030	0.6%	90,283	0.9%	7.9%	-1.9%	\$27,981	0.9%	\$5,866	2.0%	\$21,252	1.8%
Forecast														
2004	276,738	0.3%	122,770	0.6%	89,445	-0.9%	7.9%	0.0%	\$28,178	0.7%	\$5,986	2.0%	\$21,631	1.8%
2005	277,593	0.3%	123,630	0.7%	90,283	0.9%	7.8%	-1.3%	\$28,347	0.6%	\$6,072	1.4%	\$21,873	1.1%
2006	278,495	0.3%	124,538	0.7%	91,245	1.1%	7.6%	-2.8%	\$28,493	0.5%	\$6,195	2.0%	\$22,244	1.7%
2007	279,440	0.3%	125,426	0.7%	92,467	1.3%	7.4%	-2.9%	\$28,623	0.5%	\$6,330	2.2%	\$22,654	1.8%
2008	280,411	0.3%	126,342	0.7%	93,750	1.4%	7.2%	-3.1%	\$28,740	0.4%	\$6,456	2.0%	\$23,022	1.6%
Long-Term Forecast														
2015	285,836	0.3%	131,853	0.6%	103,418	1.4%	5.4%	-3.9%	29,307	0.3%	\$7,370	1.9%	\$25,785	1.6%
Very Long-Term Forecast														
2025	292,278	0.2%	139,224	0.5%	111,585	0.8%	4.6%	-1.7%	29,642	0.1%	\$9,176	2.2%	\$31,394	2.0%
Notes: Wages & Per Capita Income are in constant 2004 dollars. Income is in millions of constant 2004 dollars. Growth rates are average annual changes.														

Table 4-6
Central Economic Region History and Forecast
Regional Summary

	Population		Labor Force		Total Employment		Unemployment Rate		Average Real Wages		Regional Income		Real Per Capita Income	
		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change
Actual														
1985	532,981		261,991		227,224		6.6%		\$28,874		\$12,366		\$23,202	
1986	538,690	1.1%	263,376	0.5%	232,634	2.4%	6.5%	-2.3%	\$29,527	2.3%	\$12,727	2.9%	\$23,626	1.8%
1987	543,936	1.0%	267,047	1.4%	242,312	4.2%	6.4%	-1.6%	\$29,710	0.6%	\$12,937	1.7%	\$23,785	0.7%
1988	548,671	0.9%	276,323	3.5%	252,155	4.1%	6.0%	-6.3%	\$29,189	-1.8%	\$13,253	2.4%	\$24,154	1.6%
1989	552,107	0.6%	283,609	2.6%	259,713	3.0%	4.6%	-23.1%	\$28,829	-1.2%	\$13,666	3.1%	\$24,752	2.5%
1990	559,650	1.4%	285,460	0.7%	264,925	2.0%	4.4%	-4.4%	\$29,576	2.6%	\$14,127	3.4%	\$25,242	2.0%
1991	567,737	1.4%	280,538	-1.7%	266,922	0.8%	5.0%	13.1%	\$29,374	-0.7%	\$14,248	0.9%	\$25,096	-0.6%
1992	578,494	1.9%	283,594	1.1%	272,597	2.1%	4.6%	-7.1%	\$29,880	1.7%	\$14,874	4.4%	\$25,711	2.5%
1993	588,930	1.8%	292,371	3.1%	281,547	3.3%	4.2%	-9.2%	\$29,529	-1.2%	\$15,069	1.3%	\$25,587	-0.5%
1994	597,698	1.5%	295,181	1.0%	289,606	2.9%	3.9%	-7.2%	\$29,172	-1.2%	\$15,225	1.0%	\$25,472	-0.5%
1995	605,988	1.4%	299,680	1.5%	298,789	3.2%	3.2%	-17.4%	\$29,617	1.5%	\$15,716	3.2%	\$25,934	1.8%
1996	615,740	1.6%	302,056	0.8%	307,021	2.8%	3.3%	3.1%	\$30,199	2.0%	\$16,277	3.6%	\$26,434	1.9%
1997	623,774	1.3%	312,761	3.5%	316,867	3.2%	3.2%	-3.8%	\$30,976	2.6%	\$16,774	3.1%	\$26,890	1.7%
1998	633,917	1.6%	318,978	2.0%	327,446	3.3%	2.6%	-17.3%	\$31,814	2.7%	\$17,685	5.4%	\$27,898	3.7%
1999	643,784	1.6%	326,596	2.4%	335,894	2.6%	2.5%	-5.7%	\$32,293	1.5%	\$18,239	3.1%	\$28,331	1.6%
2000	652,744	1.4%	330,925	1.3%	342,810	2.1%	2.4%	-4.0%	\$32,339	0.1%	\$18,883	3.5%	\$28,928	2.1%
2001	658,524	0.9%	324,740	-1.9%	357,231	4.2%	3.8%	61.1%	\$33,537	3.7%	\$18,596	-1.5%	\$28,238	-2.4%
2002	666,619	1.2%	327,960	1.0%	363,260	1.7%	4.3%	13.5%	\$34,473	2.8%	\$19,522	5.0%	\$29,285	3.7%
2003	674,880	1.2%	332,029	1.2%	370,876	2.1%	4.5%	3.4%	\$34,929	1.3%	\$20,024	2.6%	\$29,670	1.3%
Forecast														
2004	682,959	1.2%	335,865	1.2%	363,260	-2.1%	4.5%	0.0%	\$35,396	1.3%	\$20,508	2.4%	\$30,028	1.2%
2005	690,650	1.1%	339,682	1.1%	370,876	2.1%	4.4%	-1.0%	\$35,907	1.4%	\$20,886	1.8%	\$30,241	0.7%
2006	698,105	1.1%	343,595	1.2%	378,056	1.9%	4.3%	-2.6%	\$36,467	1.6%	\$21,381	2.4%	\$30,628	1.3%
2007	705,639	1.1%	347,500	1.1%	385,201	1.9%	4.3%	-0.9%	\$37,066	1.6%	\$21,927	2.5%	\$31,073	1.5%
2008	713,207	1.1%	351,527	1.2%	392,526	1.9%	4.2%	-1.9%	\$37,698	1.7%	\$22,461	2.4%	\$31,493	1.3%
Long-Term Forecast														
2015	766,039	1.0%	375,986	1.0%	453,159	2.1%	3.7%	-1.8%	40,620	1.1%	\$26,032	2.1%	\$33,983	1.1%
Very Long-Term Forecast														
2025	843,548	1.0%	405,467	0.8%	508,342	1.2%	3.7%	-0.1%	41,555	0.2%	\$31,848	2.0%	\$37,755	1.1%
Notes: Wages & Per Capita Income are in constant 2004 dollars. Income is in millions of constant 2004 dollars. Growth rates are average annual changes.														

Table 4-7
West Central Economic Region History and Forecast
Regional Summary

	Population		Labor Force		Total Employment		Unemployment Rate		Average Real Wages		Regional Income		Real Per Capita Income	
		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change
Actual														
1985	953,772		482,227		384,510		8.2%		\$30,223		\$22,403		\$23,489	
1986	952,830	-0.1%	480,933	-0.3%	392,896	2.2%	7.4%	-9.5%	\$30,725	1.7%	\$23,130	3.2%	\$24,275	3.3%
1987	952,685	0.0%	482,672	0.4%	404,833	3.0%	7.2%	-2.4%	\$30,989	0.9%	\$23,878	3.2%	\$25,064	3.2%
1988	952,409	0.0%	493,494	2.2%	422,534	4.4%	6.6%	-9.0%	\$30,885	-0.3%	\$24,591	3.0%	\$25,820	3.0%
1989	952,610	0.0%	505,756	2.5%	436,037	3.2%	5.6%	-14.5%	\$30,336	-1.8%	\$25,333	3.0%	\$26,593	3.0%
1990	956,295	0.4%	494,054	-2.3%	447,920	2.7%	5.0%	-10.7%	\$30,039	-1.0%	\$25,536	0.8%	\$26,703	0.4%
1991	961,113	0.5%	487,056	-1.4%	445,093	-0.6%	6.0%	20.5%	\$30,139	0.3%	\$25,579	0.2%	\$26,614	-0.3%
1992	968,829	0.8%	491,227	0.9%	453,402	1.9%	5.6%	-7.5%	\$31,102	3.2%	\$26,767	4.6%	\$27,628	3.8%
1993	983,352	1.5%	499,377	1.7%	467,206	3.0%	4.9%	-12.1%	\$30,831	-0.9%	\$27,135	1.4%	\$27,594	-0.1%
1994	993,048	1.0%	507,114	1.5%	483,011	3.4%	4.3%	-12.8%	\$30,587	-0.8%	\$27,605	1.7%	\$27,799	0.7%
1995	1,001,951	0.9%	517,229	2.0%	494,673	2.4%	4.5%	4.7%	\$30,936	1.1%	\$28,218	2.2%	\$28,163	1.3%
1996	1,007,989	0.6%	516,317	-0.2%	502,185	1.5%	4.6%	1.7%	\$31,379	1.4%	\$28,816	2.1%	\$28,588	1.5%
1997	1,016,077	0.8%	531,572	3.0%	515,101	2.6%	4.5%	-2.2%	\$31,968	1.9%	\$29,622	2.8%	\$29,154	2.0%
1998	1,024,832	0.9%	536,692	1.0%	525,585	2.0%	3.6%	-19.7%	\$33,254	4.0%	\$31,518	6.4%	\$30,754	5.5%
1999	1,035,842	1.1%	550,349	2.5%	534,712	1.7%	3.8%	5.6%	\$34,188	2.8%	\$32,002	1.5%	\$30,894	0.5%
2000	1,046,075	1.0%	563,698	2.4%	543,541	1.7%	3.6%	-6.0%	\$34,201	0.0%	\$33,216	3.8%	\$31,753	2.8%
2001	1,053,489	0.7%	559,028	-0.8%	569,897	4.8%	4.7%	32.4%	\$35,241	3.0%	\$33,293	0.2%	\$31,602	-0.5%
2002	1,060,233	0.6%	562,763	0.7%	579,070	1.6%	5.3%	12.8%	\$35,471	0.7%	\$34,223	2.8%	\$32,279	2.1%
2003	1,064,998	0.4%	565,776	0.5%	588,818	1.7%	5.5%	4.6%	\$35,596	0.4%	\$34,980	2.2%	\$32,845	1.8%
Forecast														
2004	1,069,919	0.5%	568,754	0.5%	579,070	-1.7%	5.5%	0.0%	\$35,696	0.3%	\$35,738	2.2%	\$33,402	1.7%
2005	1,075,047	0.5%	571,931	0.6%	588,818	1.7%	5.5%	-1.3%	\$35,787	0.3%	\$36,371	1.8%	\$33,832	1.3%
2006	1,080,306	0.5%	575,238	0.6%	597,717	1.5%	5.3%	-3.5%	\$35,894	0.3%	\$37,185	2.2%	\$34,421	1.7%
2007	1,085,546	0.5%	578,484	0.6%	607,639	1.7%	5.2%	-1.2%	\$36,004	0.3%	\$38,030	2.3%	\$35,033	1.8%
2008	1,090,981	0.5%	581,826	0.6%	618,232	1.7%	5.1%	-2.6%	\$36,115	0.3%	\$38,826	2.1%	\$35,589	1.6%
Long-Term Forecast														
2015	1,134,576	0.6%	605,454	0.6%	693,482	1.7%	4.2%	-2.5%	36,897	0.3%	\$44,580	2.0%	\$39,292	1.4%
Very Long-Term Forecast														
2025	1,208,670	0.6%	642,148	0.6%	756,442	0.9%	4.2%	-0.2%	38,092	0.3%	\$54,863	2.1%	\$45,391	1.5%
Notes: Wages & Per Capita Income are in constant 2004 dollars. Income is in millions of constant 2004 dollars. Growth rates are average annual changes.														

**Table 4-8
Northern Economic Region History and Forecast
Regional Summary**

	Population		Labor Force		Total Employment		Unemployment Rate		Average Real Wages		Regional Income		Real Per Capita Income	
		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change		(%) Change
Actual														
1985	318,850		157,178		88,872		7.0%		\$26,681		\$6,670		\$20,920	
1986	321,059	0.7%	158,486	0.8%	92,759	4.4%	6.5%	-7.9%	\$27,380	2.6%	\$7,009	5.1%	\$21,829	4.3%
1987	324,756	1.2%	159,661	0.7%	100,128	7.9%	6.6%	1.6%	\$27,934	2.0%	\$7,344	4.8%	\$22,615	3.6%
1988	328,245	1.1%	164,166	2.8%	106,654	6.5%	5.7%	-12.6%	\$28,001	0.2%	\$7,640	4.0%	\$23,275	2.9%
1989	331,423	1.0%	167,856	2.2%	112,055	5.1%	4.4%	-23.6%	\$28,031	0.1%	\$7,858	2.9%	\$23,709	1.9%
1990	336,302	1.5%	176,852	5.4%	117,241	4.6%	3.4%	-22.9%	\$27,971	-0.2%	\$7,987	1.6%	\$23,750	0.2%
1991	341,552	1.6%	175,340	-0.9%	118,646	1.2%	5.4%	59.3%	\$28,084	0.4%	\$8,067	1.0%	\$23,618	-0.6%
1992	346,500	1.4%	177,389	1.2%	122,539	3.3%	6.2%	14.4%	\$28,951	3.1%	\$8,376	3.8%	\$24,172	2.3%
1993	352,613	1.8%	179,810	1.4%	127,121	3.7%	5.2%	-15.0%	\$29,079	0.4%	\$8,548	2.1%	\$24,241	0.3%
1994	357,691	1.4%	182,401	1.4%	133,287	4.9%	4.7%	-11.0%	\$29,403	1.1%	\$8,802	3.0%	\$24,609	1.5%
1995	363,434	1.6%	186,853	2.4%	139,401	4.6%	4.4%	-5.9%	\$29,503	0.3%	\$9,012	2.4%	\$24,797	0.8%
1996	368,361	1.4%	188,146	0.7%	146,418	5.0%	4.4%	0.6%	\$29,947	1.5%	\$9,378	4.1%	\$25,457	2.7%
1997	375,174	1.8%	195,878	4.1%	151,827	3.7%	4.0%	-9.1%	\$30,957	3.4%	\$9,834	4.9%	\$26,213	3.0%
1998	381,119	1.6%	198,335	1.3%	157,473	3.7%	3.4%	-15.6%	\$31,349	1.3%	\$10,310	4.8%	\$27,053	3.2%
1999	387,055	1.6%	202,480	2.1%	165,482	5.1%	3.2%	-5.9%	\$32,485	3.6%	\$10,629	3.1%	\$27,461	1.5%
2000	392,930	1.5%	208,659	3.1%	169,802	2.6%	3.3%	2.4%	\$33,246	2.3%	\$11,119	4.6%	\$28,298	3.0%
2001	397,315	1.1%	211,366	1.3%	179,410	5.7%	4.9%	49.2%	\$33,989	2.2%	\$10,876	-2.2%	\$27,373	-3.3%
2002	404,395	1.8%	216,078	2.2%	183,141	2.1%	4.8%	-0.5%	\$34,636	1.9%	\$11,127	2.3%	\$27,515	0.5%
2003	411,406	1.7%	221,147	2.3%	187,198	2.2%	4.9%	0.6%	\$35,158	1.5%	\$11,466	3.0%	\$27,870	1.3%
Forecast														
2004	418,354	1.7%	226,170	2.3%	183,141	-2.2%	4.9%	0.0%	\$35,696	1.5%	\$11,825	3.1%	\$28,265	1.4%
2005	425,235	1.6%	231,145	2.2%	187,198	2.2%	4.8%	-0.6%	\$36,197	1.4%	\$12,164	2.9%	\$28,605	1.2%
2006	432,060	1.6%	236,080	2.1%	191,099	2.1%	4.8%	-0.7%	\$36,706	1.4%	\$12,537	3.1%	\$29,016	1.4%
2007	438,791	1.6%	240,946	2.1%	195,311	2.2%	4.8%	-0.6%	\$37,227	1.4%	\$12,920	3.1%	\$29,444	1.5%
2008	445,447	1.5%	245,759	2.0%	199,682	2.2%	4.7%	-0.4%	\$37,758	1.4%	\$13,297	2.9%	\$29,851	1.4%
Long-Term Forecast														
2015	491,406	1.4%	278,988	1.8%	232,975	2.2%	4.3%	-1.3%	41,688	1.4%	\$15,912	2.6%	\$32,380	1.2%
Very Long-Term Forecast														
2025	557,492	1.3%	326,768	1.6%	265,853	1.3%	4.3%	-0.1%	47,006	1.2%	\$20,030	2.3%	\$35,929	1.0%
Notes: Wages & Per Capita Income are in constant 2004 dollars. Income is in millions of constant 2004 dollars. Growth rates are average annual changes.														

SECTION 5.0

**RESIDENTIAL CUSTOMER
FORECAST**

Section 5.0 Residential Customer Forecast

5.1 Introduction

Nearly 60 percent of EKPC's member system retail sales are to the residential class, therefore, the forecast of residential customers has a large impact on the overall load forecast. It is developed as follows:

1. Forecasts of regional households are prepared by modeling population growth and changes in household size.
2. Within each geographic region, there are many utilities that serve those customers. The portion of those customers that the member system serves is modeled in a 'Share' variable. Historical values of share are calculated from data provided by the member systems. Forecasts of share are made based on historical trends and knowledge about service area development.
3. The population and household variables are combined with the share variable to represent the growth for a specific member system instead of the entire economic region.

$$\text{Population Share} = (\text{Regional Population} * \text{Share})$$

$$\text{Regional Households} = \frac{\text{Regional Population}}{\text{People Per Household}}$$

$$\text{Household Share} = (\text{Regional Households} * \text{Share})$$

These variables are used in a regression equation to produce a forecast of residential customers for each member system. Other economic variables from EKPC's Regional Economic Model, such as total employment, or household income, may be used in the equations where appropriate.

4. The variables in the above equations and their sources are described below:

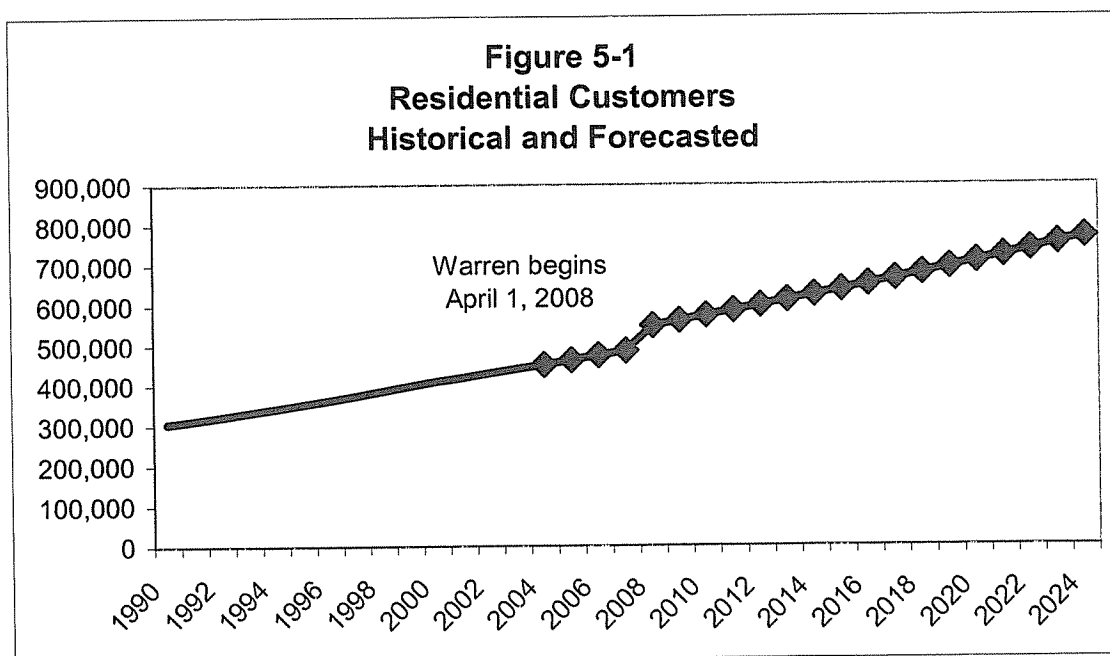
Variable	Historical Source	Forecast Source
<i>Population</i>	Bureau of Economic Analysis	EKPC Regional Model
<i>Household Size</i>	Census Bureau	Trend Growth
<i>Share</i> -The percent of regional households served by Member Systems	RUS Form 7	Trend Growth

5. The EKPC system residential customer forecast is the summation of the 16 member system forecasts.

5.2 Residential Customer Forecast Results

The average number of residential customers served by EKPC is expected to increase from a total of 442,112 in 2003 to 769,261 in 2024.

A summary of the system residential customer projections is shown in Figure 5-1 and Table 5-1. Individual member system customer forecasts are reported in Appendix A. Model specifics are provided in Appendix B.



**Table 5-1
EKPC Residential Customer Forecast**

	Annual Average	Annual Change	% Change
1990	305,784		
1991	313,922	8,139	2.7
1992	323,352	9,430	3.0
1993	334,158	10,806	3.3
1994	343,604	9,446	2.8
1995	353,625	10,022	2.9
1996	363,796	10,171	2.9
1997	375,313	11,517	3.2
1998	387,222	11,909	3.2
1999	399,728	12,506	3.2
2000	411,458	11,730	2.9
2001	421,128	9,670	2.4
2002	431,490	10,362	2.5
2003	442,112	10,622	2.5
2004	452,930	10,818	2.4
2005	464,026	11,096	2.4
2006	475,156	11,130	2.4
2007	486,486	11,330	2.4
2008	548,630	62,144	12.8
2009	561,329	12,699	2.3
2010	574,137	12,808	2.3
2011	587,101	12,964	2.3
2012	600,127	13,026	2.2
2013	613,196	13,069	2.2
2014	626,272	13,076	2.1
2015	639,260	12,988	2.1
2016	652,436	13,176	2.1
2017	666,258	13,822	2.1
2018	680,283	14,025	2.1
2019	694,634	14,351	2.1
2020	709,371	14,737	2.1
2021	723,782	14,411	2.0
2022	738,559	14,777	2.0
2023	753,753	15,194	2.1
2024	769,261	15,508	2.1

Note: Warren begins April 2008

SECTION 6.0

RESIDENTIAL SALES FORECAST

Section 6.0 Residential Sales Forecast

6.1 Methodology

In the past, EKPC used a formal end-use approach to forecasting residential sales. As part of this modeling process, individual appliance saturations were forecasted using appliance choice modeling. Appliance usages were from conditional demand analysis on whole-house billing data. The basic form of this model was defined by the following equations.

$$\begin{aligned} \text{Energy Use}_{i,t} &= \text{Appliances}_{i,t} * \text{Usage}_{i,t} \\ \text{Appliances}_{i,t} &= \text{Saturation}_{i,t} * \text{Customers}_t \end{aligned}$$

Where,

$$\begin{aligned} i &= \text{Number of Appliances} = 1, 25 \\ t &= \text{Year} \end{aligned}$$

Beginning with the 2002 load forecast, as stated in the Work Plan, December 2003, EKPC began using statistically adjusted end-use (SAE) models to forecast residential sales. This method of modeling still incorporates end-use forecasts in the background and can be used to decompose the monthly and annual forecasts into end-use components. SAE models offer the structure of end-use models while also utilizing the strength of time series analysis.

This method, like end-use modeling, requires detailed information about appliance saturation, appliance use, appliance efficiencies, household characteristics, weather characteristics, and demographic and economic information. The SAE approach segments the average household use into end-use components as follows:

$\text{Use}_{y,m} = \text{Heat}_{y,m} + \text{Cool}_{y,m} + \text{Water Heat}_{y,m} + \text{Other}_{y,m}$

Where,

$$\begin{aligned} y &= \text{year} \\ m &= \text{month} \end{aligned}$$

Each component is defined in terms of its end-use structure. For example, the cool index may be defined as a function of appliance saturation, efficiency of the appliance, and usage of the appliance. Annual end-use indices and a usage variable are constructed and used to develop a variable to be used in least squares regression in the model. These variables are constructed for

heating, cooling, water heating, and an 'Other' variable, which includes lighting and other miscellaneous usages.

$$\text{CoolIndex}_y = \sum_{\text{Type}} \text{Wgt}^{\text{Type}} * \left[\frac{\text{CoolShare}_y^{\text{Type}}}{\text{Eff}_y^{\text{Type}}} \right]$$

$$\text{CoolUse}_{y,m} = \left(\frac{\text{CDD}_{y,m}}{\text{NormCDD}} \right) * \left(\frac{\text{HHSize}_y}{\text{HHSize}_{by}} \right) * \left(\frac{\text{Income}_y}{\text{Income}_{by}} \right) * \left(\frac{\text{Price}_{y,m}^{-.30}}{\text{Price}_{by}} \right)$$

Where, by=base year

$$\text{Cool}_{y,m} = \text{CoolIndex}_y * \text{CoolUse}_{y,m}$$

The Cool, Heat, Water Heat, and Other variables are then used in a least squares regression which results in estimates for annual and monthly use per household.

Features of EKPC's SAE model are as follows:

1. Twenty years of End-use Survey historical data are used to forecast saturation of appliances.
2. Appliance efficiencies due to government regulation have been accounted for in the model. Indices pertaining to appliance efficiency trends and usage are used to construct energy models based on heating, cooling, water heating and other energy for the residential class.
Source: Energy Information Administration Annual Energy Outlook, East South Central region representing Kentucky.
3. Various demographic and socioeconomic factors that affect appliance choice and appliance use are present in the methodology. These include the changing shares of urban and rural customers relative to total customers, number of people living in the household, and other factors.

Modeling details of residential sales are provided in Table 6-1. Details by member system are provided in Appendix B.

**Table 6-1
Residential Sales Forecast - Appliance Usage Projections**
Dependent Variable: Appliance Usage

<i>Model Inputs</i>	<i>Source</i>
Residential Customers	Historical customers are taken from Form 7. Future customers are projected by EKPC and member systems.
Average Real Price of Electricity	Historical price is taken from Form 7. Future prices are projected by EKPC's Pricing Department and member systems.
Appliance Efficiency Improvements and Appliance Lifetimes	Energy Information Administration Annual Energy Outlook
Size of Water Heater	End-Use Survey, Trend Growth
Household Size (People Per Household)	Census Bureau, Trend Growth
Real Household Income	EKPC Regional Model

6.2 Appliance Saturation Projections

Every two years since 1981, EKPC has surveyed the member systems' residential customers. The most recent survey was conducted in 2003. EKPC gathers appliance, insulation, heating and cooling, economic, and demographic data. Appliance holdings of survey respondents are analyzed in order to better understand their electricity consumption and to project future appliance saturations.

EKPC's analysis and forecast of appliance saturations and appliance usage is econometric in nature. The decision made by customers to purchase an appliance can often be understood by examining customer income levels, fuel price, and household characteristics. The choice to purchase an appliance is modeled separately from the decision to use the appliance. This is because these actions are separate and subject to different driving forces.

Residential appliance saturation projections are shown in Table 6-2.

**Table 6-2
Appliance Saturations ~ Residential Class**

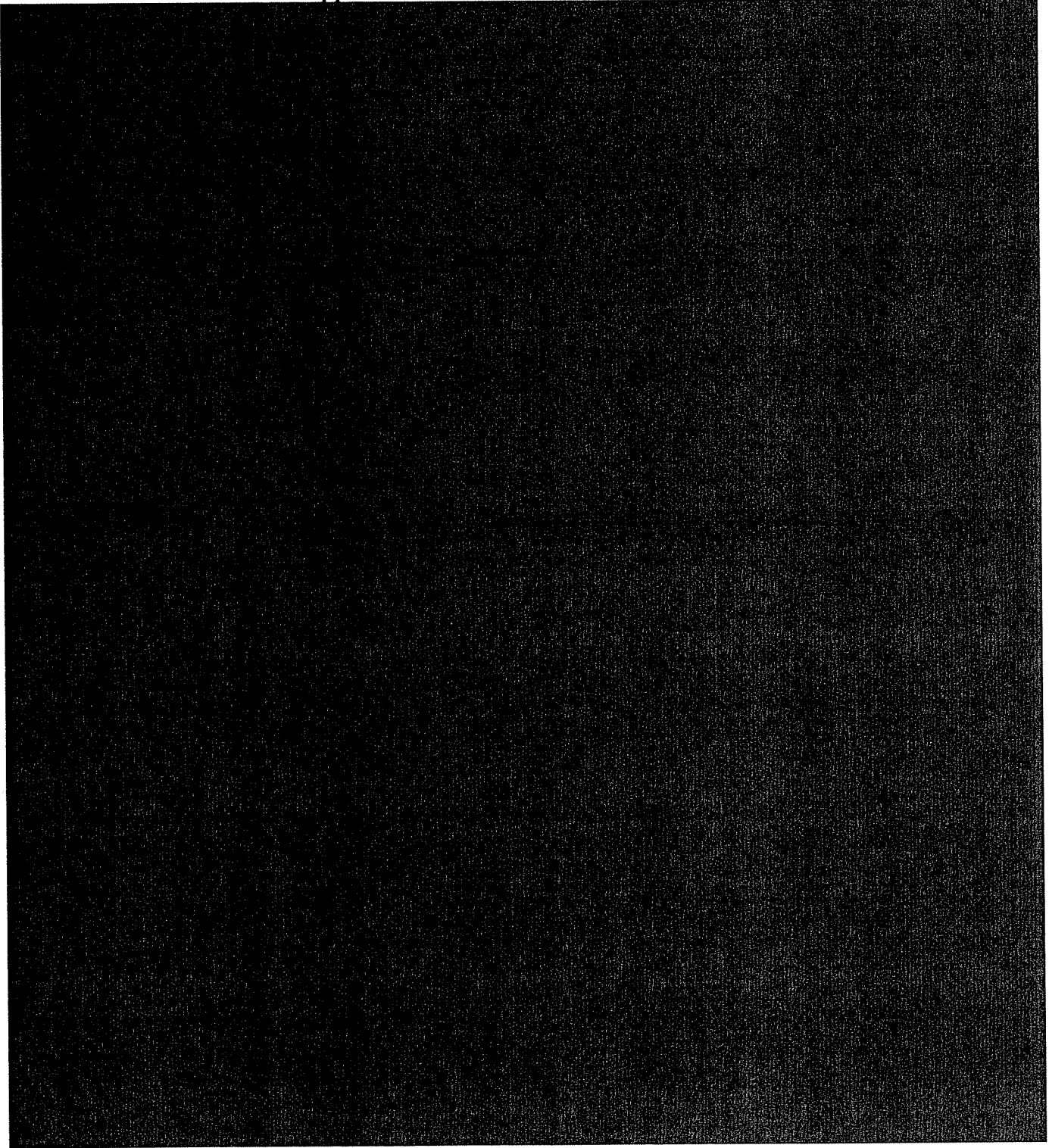
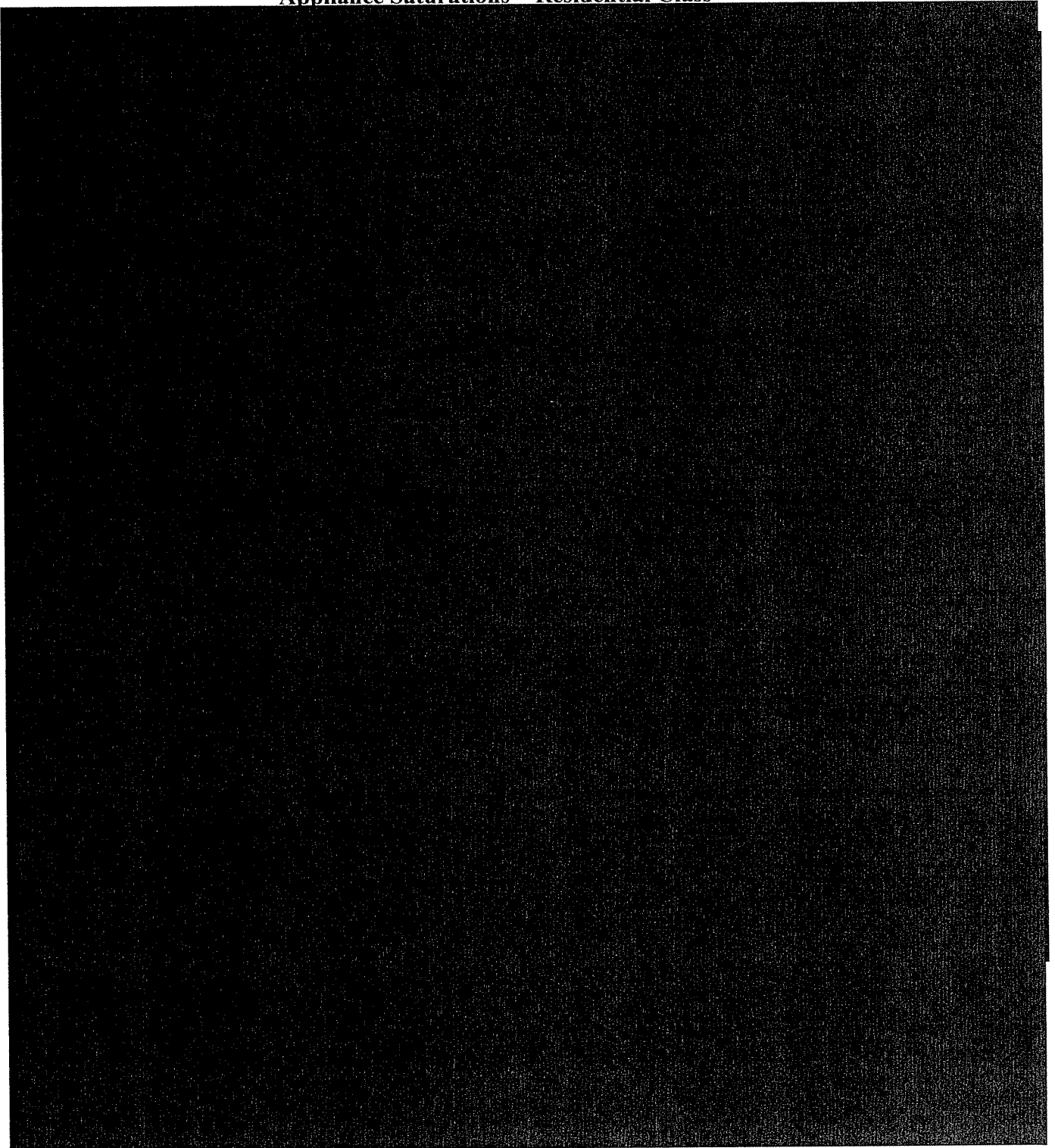


Table 6-2 Continued
Appliance Saturations ~ Residential Class



6.3 Residential Class Sales Forecast Results

Sales to the Residential Class are expected to grow 3.6% over the next 20 years.

By 2024, EKPC projects residential retail sales to have been reduced by nearly 400,000 MWh, due primarily to more efficient refrigerators, freezers, and air conditioning.

Figure 6-1 illustrates the monthly use per customer trend. Table 6-3 reports historical and projected use per customer and class sales.

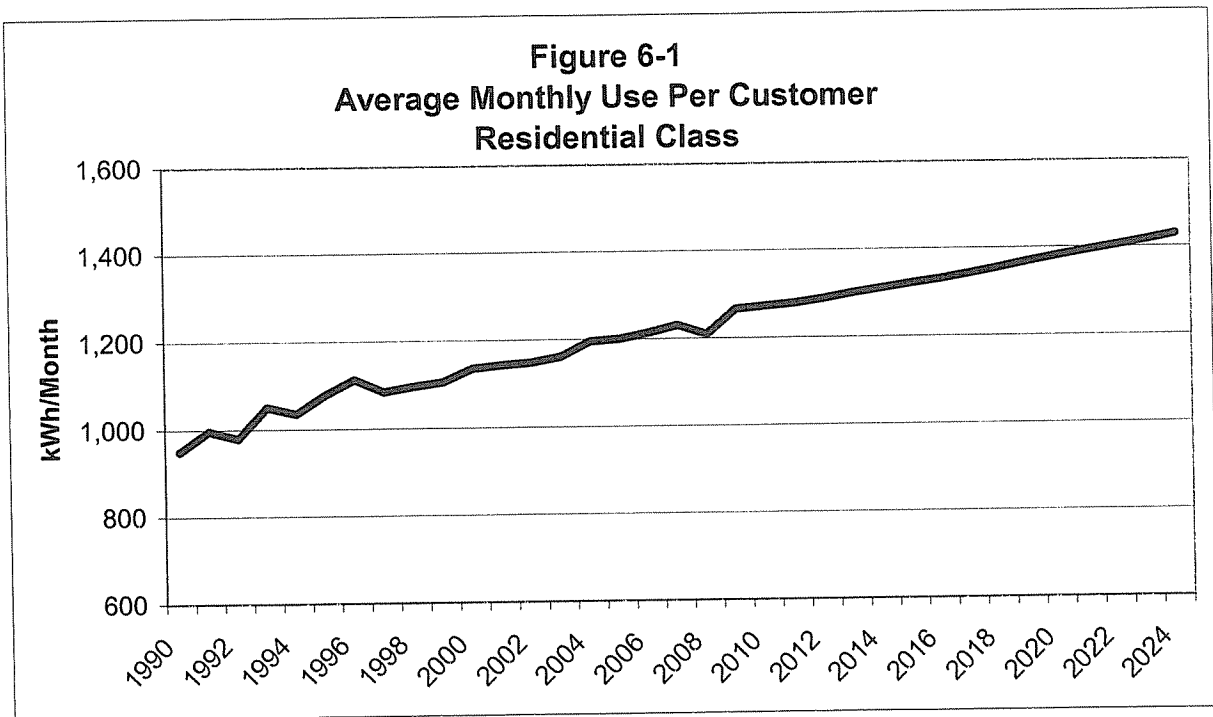


Table 6-3
Historical and Projected Residential Customers and Sales

	Customers			Use Per Customer			Class Sales		
	Annual Average	Annual Change	% Change	Monthly Average (kWh)	Annual Change (kWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
1990	305,784			949			3,483,232		
1991	313,922	8,139	2.7	997	48	5.0	3,755,282	272,050	7.8
1992	323,352	9,430	3.0	979	-18	-1.8	3,798,270	42,988	1.1
1993	334,158	10,806	3.3	1,051	72	7.4	4,213,871	415,601	10.9
1994	343,604	9,446	2.8	1,035	-16	-1.5	4,268,682	54,811	1.3
1995	353,625	10,022	2.9	1,078	43	4.1	4,575,282	306,600	7.2
1996	363,796	10,171	2.9	1,113	35	3.2	4,857,938	282,656	6.2
1997	375,313	11,517	3.2	1,084	-28	-2.6	4,883,875	25,937	0.5
1998	387,222	11,909	3.2	1,096	11	1.1	5,091,880	208,005	4.3
1999	399,728	12,506	3.2	1,106	10	0.9	5,303,413	211,533	4.2
2000	411,458	11,730	2.9	1,136	30	2.7	5,607,950	304,536	5.7
2001	421,128	9,670	2.4	1,143	7	0.7	5,777,378	169,428	3.0
2002	431,490	10,362	2.5	1,148	5	0.5	5,946,686	169,308	2.9
2003	442,112	10,622	2.5	1,160	12	1.0	6,156,774	210,088	3.5
2004	452,930	10,818	2.4	1,195	35	3.0	6,497,216	340,442	5.5
2005	464,026	11,096	2.4	1,200	5	0.4	6,682,941	185,725	2.9
2006	475,156	11,130	2.4	1,213	13	1.1	6,918,457	235,516	3.5
2007	486,486	11,330	2.4	1,231	17	1.4	7,183,613	265,156	3.8
2008	548,630	62,144	12.8	1,210	-21	-1.7	7,963,634	780,020	10.9
2009	561,329	12,699	2.3	1,266	56	4.6	8,526,792	563,158	7.1
2010	574,137	12,808	2.3	1,273	7	0.6	8,769,805	243,013	2.8
2011	587,101	12,964	2.3	1,278	5	0.4	9,005,166	235,361	2.7
2012	600,127	13,026	2.2	1,288	10	0.8	9,277,560	272,395	3.0
2013	613,196	13,069	2.2	1,300	12	0.9	9,568,763	291,203	3.1
2014	626,272	13,076	2.1	1,311	10	0.8	9,849,132	280,369	2.9
2015	639,260	12,988	2.1	1,321	10	0.8	10,132,987	283,855	2.9
2016	652,436	13,176	2.1	1,331	10	0.7	10,418,609	285,622	2.8
2017	666,258	13,822	2.1	1,343	12	0.9	10,734,638	316,029	3.0
2018	680,283	14,025	2.1	1,355	12	0.9	11,060,111	325,473	3.0
2019	694,634	14,351	2.1	1,369	14	1.0	11,411,147	351,036	3.2
2020	709,371	14,737	2.1	1,381	13	0.9	11,759,902	348,755	3.1
2021	723,782	14,411	2.0	1,393	12	0.9	12,101,252	341,351	2.9
2022	738,559	14,777	2.0	1,404	11	0.8	12,447,462	346,210	2.9
2023	753,753	15,194	2.1	1,416	12	0.8	12,811,267	363,804	2.9
2024	769,261	15,508	2.1	1,429	13	0.9	13,194,533	383,266	3.0

Note: Warren begins April 2008

SECTION 7.0

**COMMERCIAL AND
OTHER SALES FORECAST**

Section 7.0

Commercial and Other Sales Forecast

7.1 Small Commercial Sales Forecast

Member system cooperatives classify commercial and industrial accounts into two groups. Customers whose annual peak demand is less than 1 MW are classified as small commercial customers and customers whose annual peak demand is greater than or equal to 1 MW are classified as large commercial customers. Most commercial customers are accounted for in the small commercial classification. In 2003, there were over 26,000 small commercial customers on the system.

EKPC projects class sales by member system through regression analysis of historical data. Typical regressions include small commercial customers as a function of residential customers, unemployment rate, and other economic variables. The sales regression usually includes customers, electric price, and other economic measures as explanatory variables. Historical and projected small commercial sales for EKPC are reported in Table 7-1. Member system regression equations are in Appendix B.

7.2 Large Commercial Sales Forecast

In 2003, there were 133 retail customers classified as large commercial customers. The total annual usage was greater than the annual usage of the small commercial class. The overall importance of the Large Commercial Class cannot be overemphasized, as this class has experienced substantial growth since 1995. Approximately half of EKPC's large commercial customers are manufacturing plants.

The Large Commercial Class is forecasted using input from member systems as well as a modeling approach. New industrial customers that member systems expect in the next few years are explicitly input into the models. To estimate total new large loads at the system level, a regression approach is used. A probabilistic model is then used to distribute these customers among the 16 member systems. A prototype load of 1.5 MW and 60% load factor is assumed for these new loads. This methodology for forecasting new large commercial customers and energy provides a robust and defensible projection at the member system level as well as the system level. Table 7-2 reports historical and projected large commercial customers and sales.

Member systems are in regular contact with large commercial customers in order to remain current with production and facility expansion plans. Member systems communicate with local industrial development groups, which keeps them aware of the status of new large commercial customers. EKPC has a program of industrial recruiting, and promotes industrial sites that are within member systems' service areas. EKPC and its members are working hard to contribute to local efforts to attract industry.

7.3 Seasonal Sales Forecast

Seasonal sales are sales to customers with seasonal residences such as vacation and weekend homes. Seasonal sales are relatively small and are reported by only two of EKPC's member systems. Table 7-3 reports historical and projected seasonal sales for EKPC.

7.4 Public Building Sales Forecast

Public Building sales include sales to accounts such as government buildings and libraries. The sales are relatively small and are reported by only four of EKPC's member systems. Table 7-4 reports historical and projected public building sales for EKPC.

7.5 Other Sales Forecast

Other retail sales refer mainly to street lighting. Table 7-5 reports historical and projected retail sales for this class. This class is reported by 11 member systems.

**Table 7-1
Historical and Projected Small Commercial Customers and Sales**

	Annual Average	Annual Change	% Change	Annual Average (MWh)	Annual Change (MWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
1990	22,169			37			813,371		
1991	17,512	-4,656	-21.0	50	13	35.1	868,032	54,661	6.7
1992	18,055	542	3.1	51	1	2.1	913,599	45,567	5.2
1993	18,561	507	2.8	53	2	4.4	980,290	66,691	7.3
1994	19,092	531	2.9	53	0	0.6	1,014,549	34,258	3.5
1995	19,668	576	3.0	56	3	5.1	1,098,885	84,336	8.3
1996	20,399	731	3.7	53	-3	-5.1	1,082,019	-16,866	-1.5
1997	21,084	685	3.4	55	2	4.1	1,163,683	81,664	7.5
1998	21,834	750	3.6	56	1	2.1	1,230,451	66,767	5.7
1999	22,813	979	4.5	59	2	4.0	1,337,008	106,557	8.7
2000	23,730	918	4.0	63	4	7.4	1,493,650	156,642	11.7
2001	25,129	1,399	5.9	59	-4	-5.8	1,490,670	-2,981	-0.2
2002	26,340	1,211	4.8	60	0	0.6	1,571,381	80,712	5.4
2003	26,662	321	1.2	59	0	-0.6	1,581,188	9,807	0.6
2004	27,447	785	2.9	59	0	0.2	1,630,602	49,414	3.1
2005	28,209	762	2.8	60	1	1.1	1,694,044	63,442	3.9
2006	29,010	801	2.8	61	1	0.9	1,757,692	63,648	3.8
2007	29,822	812	2.8	61	1	0.8	1,822,141	64,449	3.7
2008	39,226	9,404	31.5	54	-7	-11.1	2,129,583	307,442	16.9
2009	40,180	954	2.4	56	2	3.5	2,257,539	127,956	6.0
2010	41,138	958	2.4	57	0	0.7	2,328,603	71,064	3.1
2011	42,112	974	2.4	57	0	0.7	2,399,739	71,136	3.1
2012	43,070	958	2.3	57	0	0.5	2,467,666	67,927	2.8
2013	44,039	969	2.2	58	0	0.5	2,534,710	67,044	2.7
2014	45,009	970	2.2	58	0	0.5	2,602,619	67,908	2.7
2015	45,986	977	2.2	58	0	0.4	2,670,899	68,281	2.6
2016	46,962	976	2.1	58	0	0.4	2,738,146	67,246	2.5
2017	47,987	1,025	2.2	59	0	0.4	2,808,274	70,128	2.6
2018	49,010	1,023	2.1	59	0	0.4	2,880,072	71,798	2.6
2019	50,057	1,047	2.1	59	0	0.4	2,952,552	72,480	2.5
2020	51,129	1,072	2.1	59	0	0.3	3,025,190	72,639	2.5
2021	52,173	1,044	2.0	59	0	0.3	3,096,179	70,988	2.3
2022	53,245	1,072	2.1	59	0	0.2	3,166,734	70,556	2.3
2023	54,349	1,104	2.1	60	0	0.2	3,239,421	72,687	2.3
2024	55,488	1,139	2.1	60	0	0.2	3,314,701	75,280	2.3

Note: Warren begins April 2008

**Table 7-2
Historical and Projected Large Commercial Customers and Sales**

	Annual Average	Annual Change	% Change	Annual Average (MWh)	Annual Change (MWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
1990	59			11,139			653,502		
1991	66	7	12.5	10,951	-189	-1.7	722,743	69,241	10.6
1992	64	-2	-2.5	12,055	1,104	10.1	775,544	52,802	7.3
1993	68	3	4.9	14,372	2,317	19.2	970,137	194,593	25.1
1994	72	4	6.3	14,344	-28	-0.2	1,029,178	59,041	6.1
1995	71	-1	-1.6	15,866	1,522	10.6	1,119,902	90,724	8.8
1996	78	8	10.9	15,886	20	0.1	1,243,107	123,205	11.0
1997	86	8	9.8	14,652	-1,235	-7.8	1,258,816	15,709	1.3
1998	95	9	10.4	14,234	-417	-2.8	1,349,895	91,079	7.2
1999	101	6	6.1	14,076	-158	-1.1	1,415,803	65,908	4.9
2000	103	3	2.6	14,527	451	3.2	1,498,745	82,942	5.9
2001	112	8	8.1	15,127	600	4.1	1,686,653	187,907	12.5
2002	111	-1	-0.4	16,132	1,005	6.6	1,790,693	104,040	6.2
2003	133	22	19.8	14,337	-1,795	-11.1	1,906,861	116,168	6.5
2004	135	2	1.5	14,583	245	1.7	1,968,664	61,804	3.2
2005	143	8	5.9	14,911	329	2.3	2,132,344	163,679	8.3
2006	149	6	4.2	15,177	266	1.8	2,261,427	129,083	6.1
2007	155	6	4.0	15,355	177	1.2	2,379,982	118,555	5.2
2008	212	57	36.8	14,802	-553	-3.6	3,137,941	757,960	31.8
2009	216	4	1.9	15,715	913	6.2	3,394,380	256,439	8.2
2010	221	5	2.3	15,859	145	0.9	3,504,926	110,546	3.3
2011	224	3	1.4	16,025	166	1.0	3,589,580	84,654	2.4
2012	228	4	1.8	16,184	159	1.0	3,689,892	100,312	2.8
2013	231	3	1.3	16,350	166	1.0	3,776,751	86,859	2.4
2014	235	4	1.7	16,494	145	0.9	3,876,151	99,400	2.6
2015	239	4	1.7	16,567	73	0.4	3,959,598	83,446	2.2
2016	243	4	1.7	16,686	118	0.7	4,054,635	95,037	2.4
2017	245	2	0.8	16,857	172	1.0	4,130,033	75,398	1.9
2018	249	4	1.6	16,948	91	0.5	4,220,103	90,069	2.2
2019	252	3	1.2	17,089	141	0.8	4,306,388	86,285	2.0
2020	256	4	1.6	17,178	89	0.5	4,397,448	91,060	2.1
2021	259	3	1.2	17,298	121	0.7	4,480,296	82,848	1.9
2022	263	4	1.5	17,397	98	0.6	4,575,322	95,026	2.1
2023	266	3	1.1	17,481	85	0.5	4,650,017	74,695	1.6
2024	269	3	1.1	17,621	140	0.8	4,740,172	90,155	1.9

Note: Warren begins April 2008

**Table 7-3
Historical and Projected Seasonal Customers and Sales**

	Annual Average	Annual Change	% Change	Monthly Average (kWh)	Annual Change (kWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
1990	3,020			266			9,652		
1991	3,133	113	3.7	260	-6	-2.2	9,791	139	1.4
1992	3,288	156	5.0	256	-5	-1.7	10,100	309	3.2
1993	2,693	-596	-18.1	324	68	26.7	10,478	378	3.7
1994	2,817	124	4.6	313	-11	-3.4	10,591	113	1.1
1995	2,936	120	4.2	322	9	2.9	11,355	764	7.2
1996	3,119	183	6.2	337	15	4.7	12,629	1,274	11.2
1997	2,996	-123	-4.0	336	-1	-0.4	12,075	-553	-4.4
1998	3,417	421	14.0	284	-52	-15.4	11,650	-426	-3.5
1999	3,563	146	4.3	273	-12	-4.1	11,652	3	0.0
2000	3,713	151	4.2	284	11	4.1	12,648	996	8.5
2001	3,799	85	2.3	284	0	0.1	12,954	306	2.4
2002	3,956	157	4.1	310	26	9.0	14,703	1,749	13.5
2003	4,046	90	2.3	319	9	3.0	15,487	784	5.3
2004	4,148	102	2.5	287	-32	-9.9	14,307	-1,179	-7.6
2005	4,271	123	3.0	289	2	0.6	14,825	518	3.6
2006	4,402	131	3.1	294	5	1.6	15,524	698	4.7
2007	4,535	133	3.0	299	6	1.9	16,294	771	5.0
2008	4,669	134	3.0	303	4	1.4	17,003	708	4.3
2009	4,799	130	2.8	307	4	1.2	17,680	677	4.0
2010	4,929	130	2.7	310	3	0.9	18,327	647	3.7
2011	5,063	134	2.7	312	2	0.8	18,968	642	3.5
2012	5,197	134	2.6	316	4	1.2	19,711	743	3.9
2013	5,326	129	2.5	321	5	1.5	20,495	784	4.0
2014	5,446	120	2.3	325	4	1.3	21,220	725	3.5
2015	5,562	116	2.1	329	4	1.2	21,930	709	3.3
2016	5,687	125	2.2	332	4	1.1	22,671	741	3.4
2017	5,827	140	2.5	337	4	1.3	23,534	862	3.8
2018	5,978	151	2.6	341	5	1.4	24,472	938	4.0
2019	6,130	152	2.5	347	5	1.6	25,495	1,024	4.2
2020	6,294	164	2.7	351	5	1.4	26,543	1,047	4.1
2021	6,452	158	2.5	356	4	1.3	27,556	1,014	3.8
2022	6,611	159	2.5	360	4	1.2	28,578	1,021	3.7
2023	6,779	168	2.5	365	5	1.3	29,677	1,099	3.8
2024	6,944	165	2.4	370	5	1.4	30,814	1,137	3.8

Note: Warren begins April 2008

**Table 7-4
Historical and Projected Public Buildings Customers and Sales**

	Annual Average	Annual Change	% Change	Monthly Average (kWh)	Annual Change (MWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
1990	1,489			1,280			22,879		
1991	1,527	38	2.5	1,375	94	7.4	25,182	2,302	10.1
1992	1,555	28	1.8	1,423	49	3.5	26,549	1,367	5.4
1993	1,616	62	4.0	1,550	127	8.9	30,060	3,511	13.2
1994	1,654	37	2.3	1,529	-21	-1.3	30,347	287	1.0
1995	1,697	44	2.6	1,633	104	6.8	33,261	2,914	9.6
1996	1,721	24	1.4	1,658	25	1.5	34,242	981	2.9
1997	1,749	28	1.6	1,585	-73	-4.4	33,267	-974	-2.8
1998	1,790	41	2.3	1,596	10	0.6	34,263	996	3.0
1999	1,805	16	0.9	1,613	18	1.1	34,947	684	2.0
2000	1,836	31	1.7	1,727	114	7.1	38,061	3,114	8.9
2001	1,858	22	1.2	1,758	30	1.8	39,197	1,136	3.0
2002	1,878	19	1.0	1,808	50	2.8	40,725	1,528	3.9
2003	1,905	28	1.5	1,867	59	3.3	42,689	1,964	4.8
2004	1,935	30	1.6	1,961	94	5.0	45,531	2,842	6.7
2005	1,966	31	1.6	1,976	15	0.8	46,612	1,081	2.4
2006	1,997	31	1.6	1,997	21	1.1	47,856	1,244	2.7
2007	2,028	31	1.6	2,022	25	1.2	49,201	1,345	2.8
2008	2,061	33	1.6	2,042	21	1.0	50,512	1,311	2.7
2009	2,093	32	1.6	2,062	20	1.0	51,802	1,290	2.6
2010	2,124	31	1.5	2,081	18	0.9	53,030	1,229	2.4
2011	2,157	33	1.6	2,096	15	0.7	54,245	1,214	2.3
2012	2,192	35	1.6	2,109	13	0.6	55,471	1,226	2.3
2013	2,227	35	1.6	2,123	14	0.7	56,735	1,265	2.3
2014	2,264	37	1.7	2,135	12	0.6	58,006	1,271	2.2
2015	2,302	38	1.7	2,146	11	0.5	59,279	1,273	2.2
2016	2,340	38	1.7	2,156	10	0.5	60,548	1,269	2.1
2017	2,380	40	1.7	2,167	11	0.5	61,895	1,347	2.2
2018	2,422	42	1.8	2,178	11	0.5	63,309	1,414	2.3
2019	2,464	42	1.7	2,191	13	0.6	64,796	1,487	2.3
2020	2,507	43	1.7	2,200	8	0.4	66,179	1,383	2.1
2021	2,551	44	1.8	2,207	7	0.3	67,552	1,373	2.1
2022	2,597	46	1.8	2,212	5	0.2	68,928	1,376	2.0
2023	2,648	51	2.0	2,212	0	0.0	70,277	1,350	2.0
2024	2,698	50	1.9	2,214	2	0.1	71,684	1,407	2.0

Note: Warren begins April 2008

**Table 7-5
Historical and Projected Other Customers and Sales**

	Annual Average	Annual Change	% Change	Monthly Average (kWh)	Annual Change (kWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
1990	207			1,504			3,736		
1991	218	11	5.3	1,540	36	2.4	4,029	292	7.8
1992	228	10	4.6	1,573	33	2.2	4,305	276	6.8
1993	252	24	10.5	1,680	107	6.8	5,081	776	18.0
1994	284	32	12.7	1,219	-461	-27.4	4,156	-925	-18.2
1995	347	63	22.2	1,211	-8	-0.7	5,042	887	21.3
1996	417	70	20.2	1,110	-101	-8.4	5,552	510	10.1
1997	395	-22	-5.3	1,195	85	7.7	5,663	111	2.0
1998	296	-99	-25.1	1,577	382	32.0	5,601	-62	-1.1
1999	315	19	6.4	1,523	-54	-3.4	5,757	156	2.8
2000	316	1	0.3	1,624	101	6.7	6,160	403	7.0
2001	330	14	4.4	1,653	28	1.7	6,545	385	6.3
2002	353	23	7.0	1,619	-33	-2.0	6,860	315	4.8
2003	366	13	3.7	1,614	-6	-0.4	7,087	227	3.3
2004	371	5	1.4	1,728	115	7.1	7,694	607	8.6
2005	380	9	2.4	1,743	15	0.9	7,949	255	3.3
2006	390	10	2.6	1,755	12	0.7	8,213	264	3.3
2007	400	10	2.6	1,767	12	0.7	8,483	270	3.3
2008	609	209	52.3	1,708	-59	-3.4	12,482	3,998	47.1
2009	625	16	2.6	1,894	186	10.9	14,205	1,724	13.8
2010	639	14	2.2	1,909	15	0.8	14,639	434	3.1
2011	656	17	2.7	1,915	6	0.3	15,077	438	3.0
2012	673	17	2.6	1,922	7	0.4	15,522	445	3.0
2013	688	15	2.2	1,934	12	0.6	15,968	446	2.9
2014	706	18	2.6	1,938	4	0.2	16,418	450	2.8
2015	720	14	2.0	1,952	15	0.8	16,869	451	2.7
2016	736	16	2.2	1,962	9	0.5	17,326	457	2.7
2017	753	17	2.3	1,968	7	0.3	17,787	461	2.7
2018	770	17	2.3	1,975	7	0.3	18,251	464	2.6
2019	786	16	2.1	1,984	9	0.5	18,717	467	2.6
2020	801	15	1.9	1,997	12	0.6	19,194	477	2.5
2021	817	16	2.0	2,006	9	0.5	19,669	475	2.5
2022	834	17	2.1	2,013	7	0.4	20,150	481	2.4
2023	850	16	1.9	2,023	10	0.5	20,637	487	2.4
2024	867	17	2.0	2,031	8	0.4	21,129	492	2.4

Note: Warren begins April 2008

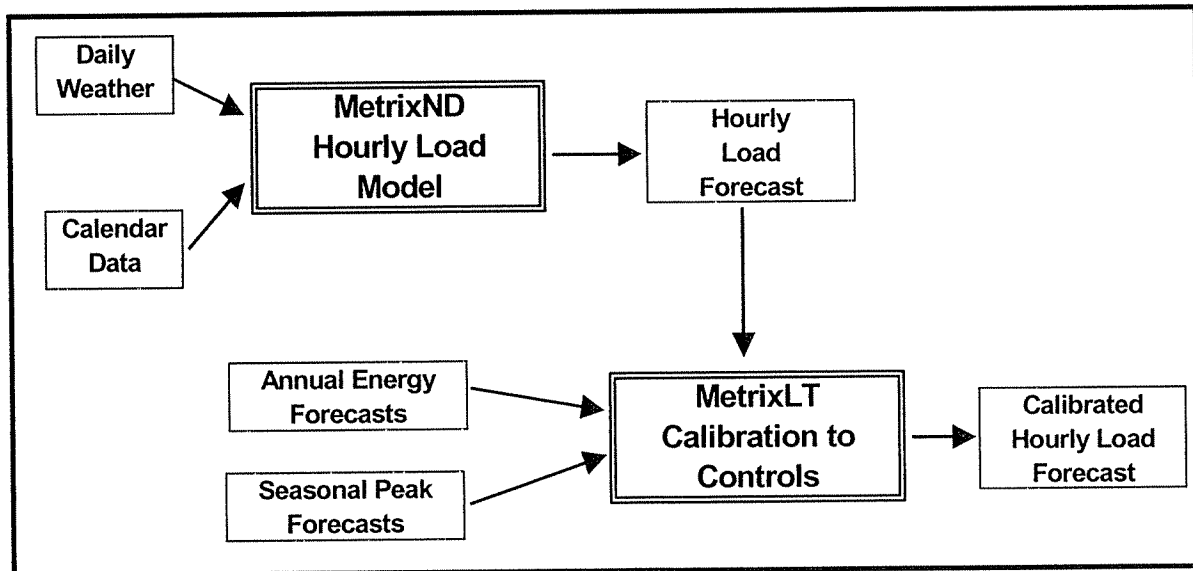
SECTION 8.0

**PEAK DEMAND FORECAST
&
HIGH AND LOW CASE SCENARIOS**

Section 8.0 Peak Demand Forecast High and Low Case Scenarios

8.1 Methodology

Prior to 2002, EKPC developed peak demands using end-use load shape data in HELM software. In 2002, EKPC began using Metrix products for forecasting. Now the following process flow is used:



Individual member system forecasts are summed to create an EKPC system forecast. Class energies, as well as winter and summer peak demands, are summed. This is used to create an hourly load model for each of the forecast years. The system load shape is determined from actual historical load data. This hourly load forecast is then calibrated to the seasonal peak demands and annual energy forecasts to build the hourly load forecast for the EKPC system. The software used is Metrix LT from ITRON, formerly RER, Inc.

The data used to forecast seasonal peak demands include:

1. Residential contributions are based on seasonal energy usages for: water heating, air conditioning, heating, and the residual load. Load factors are applied and peak demands are summed to build the class seasonal peak.
2. Small and Large Commercial contributions are based on aggregate class peaks.
3. Normal weather is used for the forecast years.

4. Transmission and distribution losses are accounted for in the model. Table 8-1 shows the historical transmission line losses on the seasonal peak day.

**Table 8-1
Historical Transmission Line Losses, Peak Day**

Year	Winter Peak Demand, Including Transmission Losses (MW)	Winter Peak Demand, Without Transmission Losses (MW)	Transmission Losses (%)	Summer Peak Demand, Including Transmission Losses (MW)	Summer Peak Demand, Without Transmission Losses (MW)	Transmission Losses (%)
1986	1,039	1,003	3.5	857	817	4.7
1987	983	951	3.3	906	854	5.7
1988	1,104	1,073	2.8	1,055	1,009	4.4
1989	1,114	1,097	1.5	1,010	984	2.6
1990	1,449	1,402	3.2	1,075	1,027	4.5
1991	1,306	1,266	3.1	1,164	1,107	4.9
1992	1,383	1,339	3.2	1,131	1,103	2.5
1993	1,473	1,410	4.3	1,309	1,269	3.1
1994	1,788	1,729	3.3	1,314	1,251	5.0
1995	1,621	1,572	3.1	1,518	1,453	4.5
1996	1,990	1,894	5.1	1,540	1,469	4.8
1997	2,004	1,903	5.3	1,650	1,551	6.4
1998	1,789	1,756	1.9	1,675	1,595	5.0
1999	2,096	2,018	3.9	1,754	1,734	1.2
2000	2,169	2,065	5.0	1,941	1,843	5.3
2001	2,322	2,207	5.2	1,980	1,892	4.6
2002	2,217	2,109	5.1	2,120	2,043	3.7
2003	2,568	2,479	3.6	1,996	1,936	3.1
Average Percent Loss			3.7			4.3

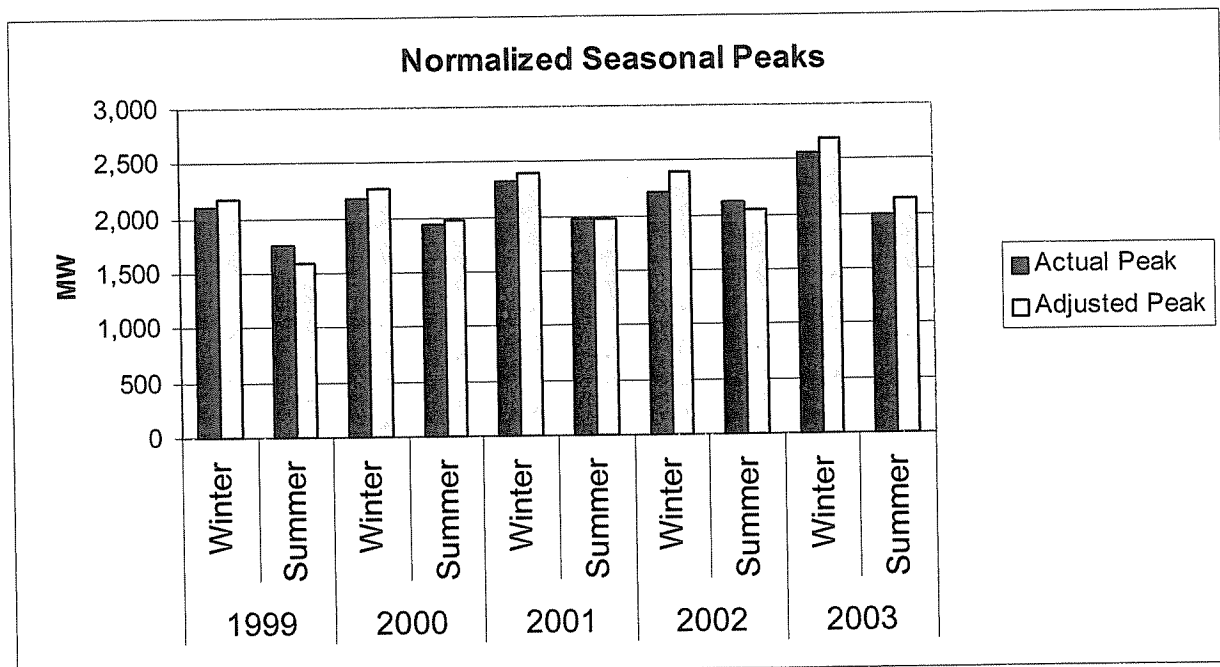
8.2 Weather Normalized Historical Peaks

The weather normalized coincident peak demands for winter and summer are shown in Table 8-2 and in Figure 8-1.

Table 8-2
Weather Normalized Coincident Peak Demands

Year	Season	Actual Peak	Adjusted Peak
		MW	MW
1999	Winter	2,096	2,176
	Summer	1,754	1,590
2000	Winter	2,169	2,265
	Summer	1,941	1,978
2001	Winter	2,322	2,402
	Summer	1,980	1,979
2002	Winter	2,217	2,392
	Summer	2,120	2,056
2003	Winter	2,568	2,696
	Summer	1,996	2,134

Figure 8-1
Weather Normalized Coincident Peak Demands



8.3 Peak Demand and Scenario Results

In addition to the forecasted peaks, high and low cases around the base case are developed. The same methodology is used, however, the starting summary file is different. Instead of using the sum of the member system files, two new models are built: one reflecting assumptions that result in high usage and one with assumptions that result in low usage. The assumptions that are varied include:

1. Weather – assumed 2 standard deviations above and below the base case heating and cooling degree day (HDD and CDD) assumptions
2. Electric price – assumed the residential rate would be 15% higher than the base case rate, which results in lower usage, for the low case and 15% lower for the high case
3. Residential customers – assumed 2 standard deviations above and below the base case annual average residential customers
4. Appliance saturation projections for the residential class
5. Small and Large Commercial energy – energy was modeled probabilistically, assuming a normal distribution and a standard deviation based on the historical data; the resulting 90%/10% output was used as the forecasted class energy

Adjusting these assumptions leads to different customer forecasts which in turn results in different energy forecasts. For the small and large commercial classes, the customer and energy forecasts for the high and low case are produced using probabilistic modeling in @RISK. The customer and energy forecasts are added to the residential forecast to produce the system forecast which is then used to create the hourly forecasts as described above.

After the annual energies and seasonal peaks for the cases are prepared, the same process of calibrating the system shape to these levels is followed. The results are shown in tables 8-3 and Figures 8-2 through 8-4.

**Table 8-3
Peak Demand Scenarios**

Net Winter Peak Demand (MW)			Net Summer Peak Demand (MW)			Total Requirements Excluding Gallatin Steel (MWh)					
Season	Low Case	Base Case	High Case	Year	Low Case	Base Case	High Case	Year	Low Case	Base Case	High Case
2004 - 05	2,264	2,633	3,028	2005	1,790	2,133	2,551	2005	9,692,775	11,545,503	13,473,268
2005 - 06	2,346	2,732	3,131	2006	1,868	2,216	2,636	2006	10,088,389	12,013,722	13,930,741
2006 - 07	2,439	2,838	3,247	2007	1,949	2,300	2,726	2007	10,516,520	12,503,421	14,431,396
2007 - 08	2,861	2,924	3,738	2008	2,365	2,769	3,169	2008	12,613,559	14,548,392	16,772,533
2008 - 09	2,989	3,462	3,893	2009	2,504	2,856	3,316	2009	13,238,891	15,580,086	17,472,822
2009 - 10	3,077	3,565	4,006	2010	2,582	2,937	3,403	2010	13,648,424	16,045,029	17,956,362
2010 - 11	3,158	3,657	4,112	2011	2,654	3,013	3,482	2011	14,022,985	16,473,632	18,402,569
2011 - 12	3,241	3,753	4,219	2012	2,726	3,089	3,563	2012	14,449,505	16,956,359	18,909,851
2012 - 13	3,346	3,872	4,356	2013	2,813	3,180	3,663	2013	14,881,280	17,444,092	19,429,726
2013 - 14	3,439	3,980	4,477	2014	2,893	3,265	3,753	2014	15,310,447	17,934,562	19,941,659
2014 - 15	3,528	4,085	4,593	2015	2,967	3,347	3,837	2015	15,717,449	18,411,402	20,429,309
2015 - 16	3,609	4,180	4,700	2016	3,037	3,423	3,915	2016	16,141,836	18,901,634	20,937,817
2016 - 17	3,715	4,305	4,839	2017	3,124	3,519	4,015	2017	16,576,088	19,407,232	21,461,554
2017 - 18	3,816	4,423	4,972	2018	3,208	3,612	4,111	2018	17,041,173	19,941,433	22,021,129
2018 - 19	3,923	4,548	5,113	2019	3,295	3,709	4,212	2019	17,528,570	20,500,194	22,610,236
2019 - 20	4,021	4,662	5,243	2020	3,374	3,794	4,302	2020	18,022,871	21,062,135	23,209,224
2020 - 21	4,135	4,798	5,396	2021	3,467	3,898	4,411	2021	18,496,129	21,604,978	23,785,809
2021 - 22	4,246	4,922	5,543	2022	3,557	3,994	4,514	2022	18,999,796	22,165,853	24,394,712
2022-2023	4,381	5,047	5,723	2023	3,654	4,088	4,631	2023	19,580,619	22,726,169	25,111,461
2023-2024	4,483	5,158	5,861	2024	3,734	4,179	4,722	2024	20,094,497	23,327,685	25,738,223

Figure 8-2
Total Requirements Excluding Gallatin Steel

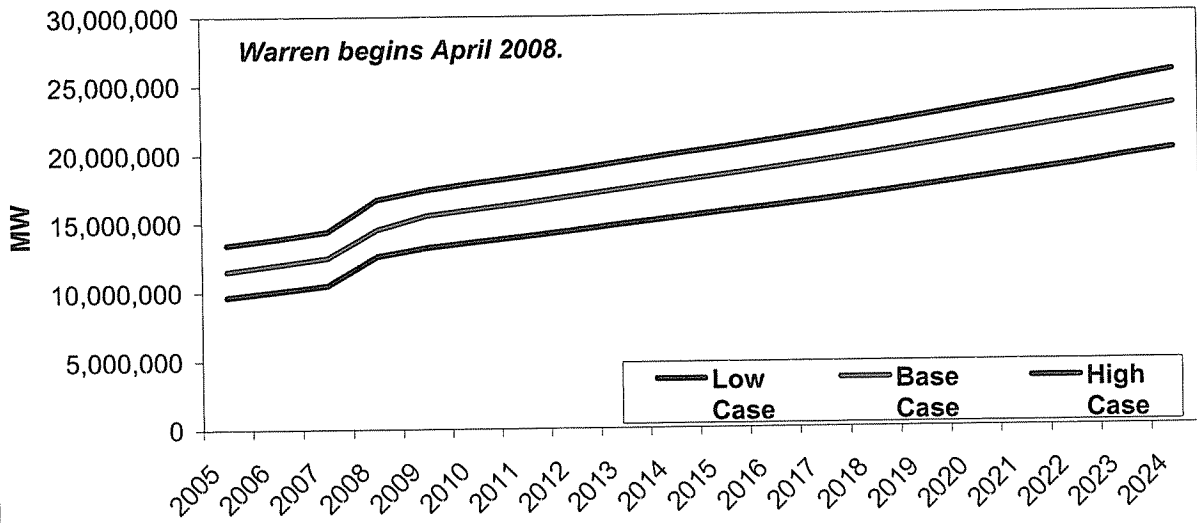


Figure 8-3
Net Winter Peak Demand

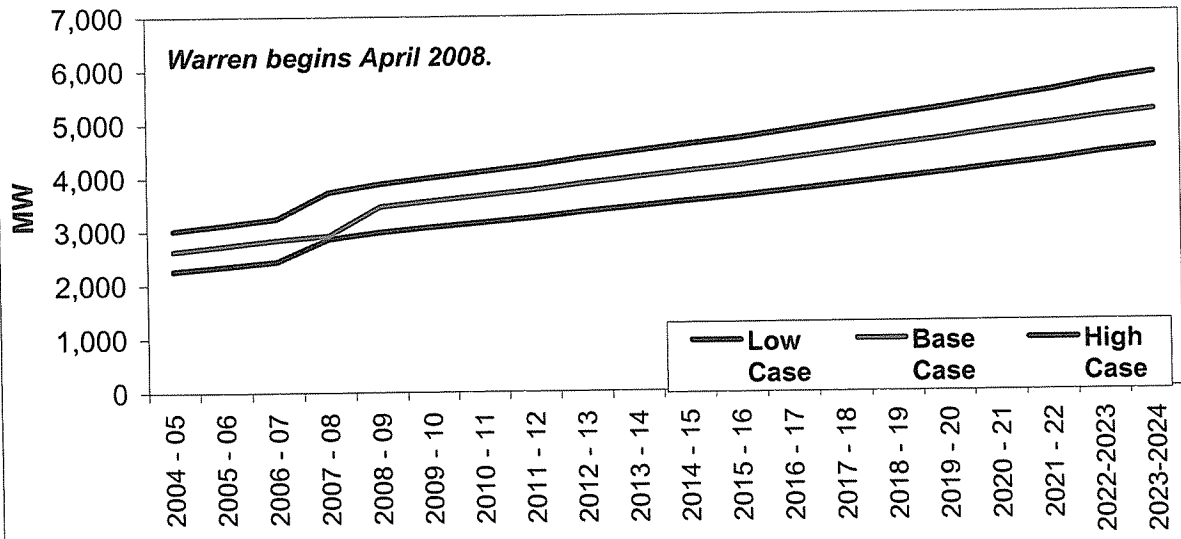
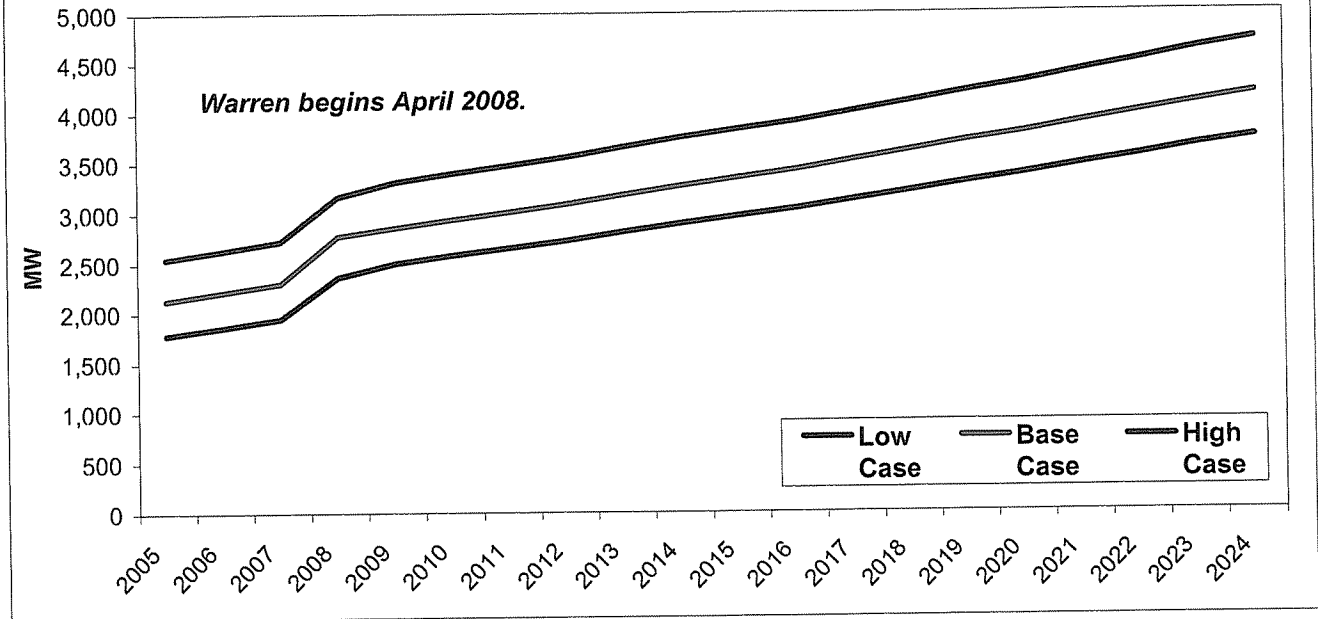


Figure 8-4
Net Summer Peak Demand



EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2005-00207

INFORMATION REQUEST RESPONSE

COMMISSION'S FIRST DATA REQUEST DATED 8/18/05

ITEM 20

RESPONSIBLE PARTY: MARY JANE WARNER

REQUEST: Provide information regarding the ease of expansion for the proposed project.

RESPONSE: The subject of ease of expansion can be divided into two parts: 1) how the proposed plan meshes with future expansion in the area, and 2) how well the proposed plan as designed and constructed accommodates physical expansion.

1) How does the proposed plan mesh with future expansion in the area?

The proposed plan establishes a 161 kV backbone from the western edge of EKPC's transmission system through the Warren system – connecting to the major WRECC substations – to the BREC system. The proposed plan represents the minimum requirements for EKPC to serve WRECC. This base system will coordinate well with any future transmission expansion projects in the area. The system will accommodate a connection at any point along the main 161 kV artery to further strengthen the network. Additional transformation can be easily connected to this artery to meet WRECC's subtransmission and distribution needs. The proposed plan provides the basic building blocks upon which future expansion can be added. This 161 kV system can be connected

to new EHV lines built into the area, and allows for connections to other utilities' systems in the area as well as future connections to the Warren 69 kV system.

2) How well does the proposed plan accommodate physical expansion?

Many of the facilities being added for the proposed plan will be designed to allow for future expansion when required. Approximately 36 miles of the new 161 kV line construction will be on double-circuit structures to allow for addition of transmission capacity in the area when it is needed.

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2005-00207

INFORMATION REQUEST RESPONSE

COMMISSION'S FIRST DATA REQUEST DATED 8/18/05

ITEM 21

RESPONSIBLE PARTY: MARY JANE WARNER

REQUEST: Provide a data dictionary for the power flow cases provided in support of the filing.

RESPONSE: See the attached **Exhibit 21-1**.

Exhibit 21-1
Power Flow Model Data Dictionary
(Supplied by ECAR from 2003 Base Case Series)

Power Flow Bus	Bus Description
01 106 J 138	106 JUNCTION 138KV
01 502 J 500	502 JUNCTION 500KV
01AGA GA 138	AGA Gas
01AIRCO 138	AIR CO 138 KV
01AL 2 138	Allegheny Ludlum 2
01AL 2J 138	Allegheny Ludlum 2 Junction
01AL 4 138	Allegheny Ludlum 4
01AL 4J 138	Allegheny Ludlum 4 Junction
01AL&D6 138	All Dam 6
01AL&D6T 138	All Dam 6 Tap
01ALBRIG 138	ALBRIGHT 138KV
01ALBRT113.8	ALBRIGHT UNIT #1
01ALBRT213.8	ALBRIGHT UNIT #2
01ALBRT318.0	ALBRIGHT UNIT #3
01ALCAN 138	Aluminum Can 138 kV
01ALLENP 138	Allenport 138 kV
01ANTITM 138	Antietam 138 kV
01ANTRIM 138	Antrim 138 kV
01APB 138	Allegheny Partical Board Substation
01APB T 138	Allegheny Particle Board Tap
01AQUEDT 230	AQUEDUCT 230KV
01ARMSG118.0	ARMSTRONG UNIT #1
01ARMSG218.0	ARMSTRONG UNIT #2
01ARMSTR 138	ARMSTRONG 138KV
01ARROYJ 138	Arroyo Jct
01ARROYO 138	Arroyo 138 kV
01BACKB 34.5	Backbone Mountain
01BACKFK 138	Backfork 138 kV
01BAKER 138	Baker 138 kV
01BART 1 138	Bartonsville 138 kV Bus #1
01BAYS 138	Bays 138 kV
01BEDNGT 138	BEDINGTON 138KV
01BELMNT 138	BELMONT 138KV
01BELMON 138	Belmon 138 kV
01BELNGT 138	Belington 138 kV
01BELPRE 138	Belpre 138 kV
01BENSRN 138	Bens Run 138 kV
01BETHLB 138	BETHELBORO 138KV
01BETHLN 138	Bethlan 138 kV
01BETHLP 138	Bethel Park 138 kV
01BEVRLY 138	Beverly 138 kV
01BLACKO 138	BLACK OAK 138KV
01BLACKS 138	Blacksville 138 kV
01BOONES 138	BOONSBORO 138KV
01BOONES 230	Boonsboro
01BRACKN 138	BRACKEN JUNCTION 138KV
01BRANDN 138	Brandonville 138 kV
01BREDNV 138	Bredinville 138 kV
01BRIDGP 138	Bridgeport Hill 138 kV
01BRKHVN 138	Brookhaven 138 kV
01BUCKHN 138	BUCKHANNON 138KV

01BUFFLO	138	BUFFALO JUNCTION 138KV
01BULLCR	138	BULL CREEK JUNCTION 138KV
01BURMA	115	BURMA 115KV
01BURMA	138	BURMA 138KV
01BUTLER	138	BUTLER 138KV
01CABOT	138	Cabot
01CABOT	500	CABOT 500KV
01CABOTM	138	Cabot (MP) 138 kV
01CABREY	138	CABREY JUNCTION 138KV
01CALIFN	138	California 138 kV
01CANANV	138	Canaan Valley 138 kV
01CANDOR	138	Candor
01CARB	230	Carbon Center
01CARLOS	138	Carlos Juction 138 kV
01CARNEG	138	CARNEGIE 138KV
01CARROL	138	CARROLL 138KV
01CARROL	230	CARROLL 230KV
01CATOCT	138	CATOCTIN 138KV
01CECIL	138	CECIL 138KV
01CHARLR	138	CHARLEROI 138KV
01CHERYR	138	CHERRY RUN 138KV
01CHESAP	138	Chesapeake 138 kV
01CLARN	138	Clarion 138 kV
01CLAYSV	138	Claysville 138 kV
01CLEAR	138	Clear Spring
01CLEART	138	Clear Spring Tap
01COLLNS	138	Collins Ferry
01CONNLV	138	Connellsville 138 kV
01CORDER	138	Corder Crossing 138 kV
01CORNER	138	CORNER 138KV
01COWEN	138	Cowen 138 kV
01CRAIGV	138	Craigsville 138 kV
01CROSSG	138	Crossgates 138 kV
01CRUPRN	138	CRUPPERNECK 138KV
01CUMBRL	138	CUMBERLAND 138KV
01CYTEC	138	Cytec 138 kV
01DALE	230	Dale Summit
01DAMASC	230	Damascus 230 kV
01DEGUSS	138	DEGUSSA
01DENTSR	138	Dents Run 138 kV
01DENVER	138	Denver 138 kV
01DOMN H	138	Dominion Hastings
01DONEGL	138	Donegal 138 kV
01DOUBS	138	DOUBS 138KV
01DOUBS	230	DOUBS 230KV
01DOUBS	500	DOUBS 500KV
01DRYRUN	138	Dry Run 138 kV
01DTG	138	DOUBLE TOLL GATE 138KV
01DUCKCR	138	Duck Creek 138 kV
01DUPONT	138	Dupont 138 kV
01DURB T	138	Durbin Tap
01DURBIN	138	Durbin 138 kV
01DUTCHF	138	Ducth Fork 138 kV
01E BUCK	138	East Buckhannon 138 kV
01E RUNT	138	East Run Tap
01EAGLE	138	Eagle 138 kV

01EAGLEH	230	Eaglehead 138 kV
01EASTAL	230	EASTALCO 239 kV
01EASTGT	138	Eastgate 138 kV
01EASTRN	138	East Run 138 kV
01EDGELN	138	EDGELAWN 138KV
01EDGEWT	138	Edgewater 138 kV
01EHAGER	138	East Hagerstown 138 kV
01ELDORA	138	Eldora 138 kV
01ELKEM	138	ELKEM 138KV
01ELKGRD	138	Elk Garden 138 kV
01ELKO	138	ELKO 138KV
01ELKO	230	ELKO 230KV
01EMERLD	138	Emerald 138 kV
01EMMITB	138	Emmitsburg
01ENLOW	138	Enlow 138 kV
01ENON	138	Enon
01ENONTP	138	ENON TAP 138KV
01ETHEL	138	Ethel Springs 138 kV
01ETHL 2	138	Ethel Springs 2
01EUREKA	138	Eureka 138 kV
01EVERSN	138	Everson 138 kV
01EWAYNE	138	East Waynesboro 138kV
01FAIRVW	138	FAIRVIEW 138KV
01FAWN	138	FAWN 138KV
01FAYETT	138	Fayetteville 138 kV
01FEAGNM	138	Feagans Mill 138 kV
01FEDLST	138	Federal Street 138 kV
01FLAT R	138	Flat Run
01FMARTN	500	FORT MARTIN 500KV
01FMRTN122.0		FT.MARTIN UNIT#1
01FMRTN222.0		FT.MARTIN UNIT #2
01FRANKL	138	Franklin 138 kV
01FRAZR	138	Frazier 138 kV
01FREDRK	138	Frederick A 138 kV
01FRNCHC	138	FRENCH CREEK 138KV
01FRNCHM	138	French's Mill 138 kV
01FROSTB	138	Frostburg 138 kV
01FROSTN	230	FROSTOWN 230KV
01GAINSB	138	Gainesboro
01GANS	138	Gans 138 kV Substation
01GANS 813.8		Gans 8
01GANS 913.8		Gans 9
01GAR RN	138	GARRETTS RUN JUNCTION 138KV
01GARRET	115	GARRETT 115KV
01GARRET	138	GARRETT 138KV
01GATESH	138	Gates Hill 138 kV
01GE PLA	138	GE PLASTICS
01GILBOA	138	GILBOA 138KV
01GLADE	138	Glade Run
01GLENFL	138	GLEN FALLS 138KV
01GLENVL	138	Glenville 138 kV
01GLFNUG	138	Guilford NUG
01GOBAIN	138	Gobain 138 kV
01GOFFRN	138	GOFF RUN 138KV
01GOODR	138	Goodrich 138 kV
01GORDON	138	GORDON 138 KV

01GORE	138	Gore 138 kV
01GORSCH	138	Gorsuch
01GRAFTN	138	Grafton 138 kV
01GRANDP	138	GRAND POINT 138KV
01GRANT	138	GRANT TOWN 138KV
01GRANTV	138	Grantville 138 kV
01GRASSY	138	GRASSY FALLS 138KV
01GREENB	138	Greenbriar
01GREENE	138	GREENE 138KV
01GREENW	138	Greenwood 138 kV
01GUILF1	118.0	Guilford Unit 1
01GUILF2	118.0	Guilford Unit 2
01GUILFD	138	GUILFORD 138KV
01HALFWY	138	Halfway 138 kV
01HAMILT	138	Hamilton 138 kV
01HAML T	138	Hamilton
01HAMPS1	138	HAMPSHIRE 1 138KV
01HAMPS2	138	HAMPSHIRE 2 138KV
01HANNIB	138	HANNIBAL 138KV
01HARDY	138	Hardy 138 kV
01HARMNY	138	HARMONY JUNCTION 138KV
01HARMRH	138	Hamar Hill 138 kV
01HARR C	138	Harrison City
01HARR T	138	Harrison Reserve Tap
01HARRN1	20.0	HARRISON UNIT #1
01HARRN2	20.0	HARRISON UNIT #2
01HARRN3	20.0	HARRISON UNIT #3
01HARRSN	500	HARRISON 500KV
01HARSNR	138	Harrison Reserve 138 kV
01HARWCK	138	Harwick 138 kV
01HAT JT	138	Hatfield Jct. 138 kV
01HAT RS	138	Hatfield Reserve 138 kV
01HATFD1	118.0	HATFIELD UNIT #1
01HATFD2	118.0	HATFIELD UNIT #2
01HATFD3	118.0	HATFIELD UNIT #3
01HATFLD	500	HATFIELD'S FERRY 500KV
01HAZELT	138	Hazelton 138 kV Substation
01HEATER	138	Heaters 138 kV
01HEMPFL	138	Hempfield 138 kV
01HICKRY	138	Hickory 138 kV Substation
01HOUSEV	138	Houseville 138 kV
01HOUSTN	138	Houston 138 kV
01HUNTDN	138	Huntingdon 138 kV
01INWOOD	138	Inwood 138 kV
01IRONBG	138	Iron Bridge 138 kV
01IVYDAL	138	Ivydale 138 kV
01JACKSN	138	Jacksonburg 138 kV
01JEFFSN	230	Jefferson
01JENING	138	Jennings 138 kV
01JMANVL	138	Johns Manville 138 kV
01JMANVT	138	Johns Manville Tap
01JONESB	138	Jones Branch 138 kV
01JUGRUN	138	Jug Run 138 kV
01JUNCTN	138	JUNCTION 138KV
01KAMMER	500	KAMMER 500KV
01KARNSC	138	Karns City 138 kV

01KEARNY 138	Kearnysville 138 kV
01KEISTR 138	Keisters 138 kV
01KEISTR69.0	KEISTERS 69KV
01KILGO 138	Kilgo 138 kV
01KINGFM 138	King Farm 138 kV
01KINGWD 138	Kingwood 138 kV
01KISKIV 138	KISKI VALLEY 138KV
01KISSNG 138	KISSINGER JUNCTION 138KV
01KITTAN 138	KITTANNING 138KV
01KLINEM 138	Klines Mill 138 kV
01KRENDL 138	KRENDALE 138KV
01LAGOND 138	Lagonda 138 kV
01LAKEL111.0	LAKE LYNN UNIT #1
01LAKEL211.0	LAKE LYNN UNIT #2
01LAMBRT 138	Lamberton 138 kV
01LAPPAN 138	Lappans
01LARDIN 138	Lardin 138 kV
01LARKMD 138	Larkmead 138 kV
01LAWSON 138	LAWSON JUNCTION 138KV
01LAYMAN 138	Layman 138 kV
01LAYTON 138	LAYTON JUNCTION 138KV
01LEHIGH 138	Lehigh-Portland Cement 138 kV Substation
01LETTER 138	Letterkenney 138 kV
01LIMEKN 138	Lime Kiln 138 kV
01LIMEKN 230	Lime Kiln
01LINWD 138	Linwood 138 kV
01LKLYNN 138	LAKE LYNN 138KV
01LONGR 138	Long Reach 138 kV
01LOUGHL 138	LOUGHS LANE 138KV
01LOVETT 138	Lovettsville 138 kV
01LOYALH 138	LOYALHANNA 138KV
01LUXOR 138	LUXOR 138KV
01LUZERN 138	Luzerne 138 kV
01MAHNSL 138	MAHANS LANE 138KV
01MANIFD 138	Manifold 138 kV
01MAPLEL 138	Maple Lake 138 kV
01MARGAR 138	Margaret 138 kV
01MARLOW 138	MARLOWE 138KV
01MARTNK 138	Martinka 138 kV
01MCALPN 138	Mc Alpin 138 kV
01MCCAIN 138	Mc Cain 138 kV
01MCCALM 138	MCCALMONT 138KV
01MCCONL 138	Mc Connellsburg 138 kV
01MDWBRK 138	MEADOW BROOK 138KV
01MDWBRK 500	MEADOW BROOK 500KV
01MESSCK 138	MESSICK ROAD 138KV
01METTIK 138	Mettiki 138 kV
01METZ 138	Metz 138 kV
01MIDLBN 138	Middlebourne 138 kV
01MILESB 230	Milesburg 138 kV
01MILLCR 138	Mill Creek 138 kV
01MILLVL 138	MILLVILLE 138KV
01MIN WL 138	Mineral Wells
01MIRACL 138	Miracle Run 138 kV
01MITCH113.8	MITCHELL UNIT #1
01MITCH213.8	MITCHELL UNIT #2

01MITCH324.0	MITCHELL UNIT #3
01MITCHL 138	MITCHELL 138KV
01MONOCY 138	MONOCACY 138KV
01MONOCY 230	MONOCACY 230KV
01MONTGY 230	MONTGOMERY 230KV
01MONTRV 138	Monterville 138 kV
01MORGAN 138	MORGAN 138KV
01MOSHAN 230	MOSHANNON 230KV
01MOUNTW 138	Mountwood 138 kV
01MTAIRY 230	MT AIRY 230KV
01MTZION 138	Mt. Zion 138 kV
01MURRYC 138	Murrycrest 138 kV
01N BETH 138	NEW BETHLEHEM 138KV
01N PARK 138	North Parkersburg 138 kV Substation
01N WASH 138	North Washington 138 kV
01NATLCN 138	National Carbon 138 kV
01NEC T 138	Necessity Tap
01NECEST 138	Necessity 138 kV
01NETTIE 138	Nettie 138 kV
01NFAYET 138	North Fayette 138 kV
01NFRANK 138	North Franklin 138 kV
01NGREEN 138	North Greensburg 138 kV
01NIPETN 138	Nipetown 138 kV
01NMARKT 230	New Market 230 kV
01NMARTN 138	NEW MARTINSVILLE 138KV
01NOAKFD 138	North Oakford 138 kV
01NPETER 138	North Petersburg 138 kV
01NSHEND 138	NORTH SHENANDOAH 138KV
01NU 61 138	North Union #61 138 kV
01NU 62 138	North Union #62 138 kV
01NU TP1 138	North Union #1 Tap 138 kV
01NU TP2 138	North Union #2 Tap 138 kV
01NVIENA 138	North Vienna 138 kV
01OAKMND 138	OAKMOUND 138KV
01OAKPRK 138	Oak Park 138 kV
01OCHAPL 138	Old Chapel 138 kV
01OGROV118.0	Oak Grove 1
01OGROV218.0	Oak Grove 2
01OGROVE 138	Oak Grove 138 kV Substation
01OLDFRM 230	Old Farm 230 kV Substation
01OPEQUN 138	Opequon 138 kV
01OSAGE 138	OSAGE 138KV
01PADENC 138	Paden City 138 kV
01PAGE 138	PAGE 138KV
01PAPER 138	Paper City 138 kV
01PARAMT 138	Paramount 138 kV Substation
01PARKER 138	PARKERSBURG 138KV
01PARKVW 138	Parkview 138 kV'
01PARRN 138	Parr Run 138 kV
01PARSNS 138	Parsons 138 kV
01PENN 138	Penn 138 kV
01PETERS 138	PETERS 138KV
01PICKEN 138	PICKENS 138KV
01PIERPT 138	Pierpont 138 kV
01PINEYF 138	PINEY FORK 138KV
01PLEAS1 500	PLEASANTS 500KV UNIT #1 BUS

01PLEAS126.0	PLEASANTS UNIT #1
01PLEAS2 500	PLEASANTS 500KV UNIT #2 BUS
01PLEAS226.0	PLEASANTS UNIT #2
01PORTER 138	Porterfield 138 kV
01POTTER 115	POTTER 115KV
01POWELM 138	POWELL MOUNTAIN 138KV
01PRICEH 138	Price Hill 138 kV
01PRNTY 138	PRUNTYTOWN 138KV
01PRNTY 500	PRUNTYTOWN 500KV
01QUAKER 138	Quaker State 138 kV
01QUEHAN 230	Quehanna 138 kV
01QUIETD 138	Quiet Dell 138 kV
01REDBUD 138	Redbud 138 kV
01REEDY 138	Reedy
01REID 138	REID 138KV
01RENO 138	Reno 138 kV
01RIDGLY 138	RIDGELEY 138KV
01RIDGVL 230	Ridgeville 230 kV Substation
01RIDGWY 138	RIDGWAY 138KV
01RINGLD 138	RINGGOLD 138KV
01RINGLD 230	RINGGOLD 230KV
01RIVERT 138	RIVERTON 138KV
01RIVES511.5	RIVESVILLE UNIT #5
01RIVES613.8	RIVESVILLE UNIT #6
01RIVRVW 138	RIVERVIEW 138KV
01RIVSVL 138	RIVESVILLE 138KV
01ROBBIN 138	Robbins 138 kV
01ROBERT 138	Roberts 138 kV
01ROCHE 138	ROCHE VITAMIN
01ROCK C 138	Rock Cave
01RONCO 500	Ronco
01RONCO118.0	Ronco Unit 1
01RONCO218.0	Ronco Unit 2
01RONCO318.0	Ronco Unit 3
01RPSMTH 138	R. Paul Smith
01RPSMTH13.8	R. Paul Smith Unit 4
01RUTHBL 138	Ruthbelle 138 kV
01S CHST 138	SOUTH CHESTER 138KV
01S FAY 138	South Fayette
01S FRED 230	South Frederick
01S MORG 138	South Morgantown 138 kV
01S VIEN 138	South Vienna 138 kV
01SABR T 138	Sabraton
01SABRAT 138	Sabraton 138 kV
01SALTSB 138	Saltsburg 138 kV
01SAND F 138	Sand Fork
01SANFRD 138	Sanford 138 kV
01SAXONB 138	Saxonburg
01SBEND118.0	Dominion Resources Unit # 1 at South Bend
01SBEND218.0	Dominion Resources Unit # 2 at South Bend
01SBEND318.0	Dominion Resources Unit # 3 at South Bend
01SBEND418.0	Dominion Resources Unit # 4 at South Bend
01SENECA 138	Seneca Caverns 138 kV
01SEWICK 138	Sewickley 138 kV
01SHANOR 138	Shanor Manor 138 kV
01SHELL 138	Shell 138 kV

01SHEPLR 138	SHEPLER HILL JUNCTION 138KV
01SHEPRD 138	Shepherdstown 138 kV
01SHFCRN 138	Shaffers Corner 138 kV
01SHINGL 230	SHINGLETOWN 230KV
01SHINNS 138	Shinns Run 138 kV
01SHORTG 138	Short Gap 138 kV
01SILVER 138	SILVERVILLE 138KV
01SLEEPH 138	Sleepy Hollow
01SMITH 138	Smith 138 kV
01SMTH61 138	Smithton #61 138 kV
01SMTH62 138	Smithton #62 138 kV
01SNOW T 138	Snowy Creek Tap
01SNWYCK 138	Snowy Creek 138 kV
01SOAKFD 138	South Oakford 138 kV
01SOBEND 500	South Bend 500 kV Substation
01SOCIAL 138	SOCIAL HALL 138KV
01SONY 138	Sony 138 kV
01SPERYV 138	Sperryville 138 kV
01SPGDL 138	SPRINGDALE 138KV
01SPRGD118.0	Springdale AE 1
01SPRGD218.0	Springdale AE 2
01SPRGD316.5	Springdale Unit 3
01SPRGD416.5	Springdale Unit 4
01SPRGD516.5	Springdale Unit 5
01STANLY 138	Stanley
01STCLR 138	St. Clair 138 kV
01STMARY 138	St. Mary's 138 kV
01STNYSP 138	STONEY SPRINGS JUNCTION 138KV
01STONER 138	STONER JUNCTION 138KV
01STONEW 138	STONEWALL 138KV
01STONYR 138	Stony Road 138 kV
01STRASB 138	STRASBURG 138KV
01SUMMRV 138	Summersville 138 kV
01SUNION 138	South Union 138 kV
01SUNNYS 138	Sunnyside
01SUTT T 138	Sutton Tap
01SUTT NH 138	Sutton Hill 138 kV
01SUTTON 138	Sutton 138 kV
01TABLER 138	Tabler
01TALLMN 138	Tallmansville 138 kV
01TANEY 138	TANEYTOWN 138KV
01TEX E5 138	Texas Eastern No. 5 138 kV
01TEX E6 138	Texas Eastern No. 6 138 kV
01TRISL 138	TRISLER 138KV
01UNIONJ 138	UNION JUNCTION 138KV
01UNIONR 138	Union Road 138 kV
01UNITY 138	Unity
01URBANA 230	Urbana 230 kV Substation
01VANCEV 138	Vanceville 138 kV
01VANDRG 138	Vandergrift 138 kV
01VARNER 138	Varner 138 kV
01VASC 138	Vasco
01VASC T 138	Vasco Tap
01VISCOS 138	Viscose 138 kV
01W MILF 138	West Milford 138 kV
01W RUN 138	West Run 138 kV

01W UNIN 138	West Union 138 kV
01W WINC 138	West Winchester 138 kV
01WALKER 138	Walkersville 138 kV
01WALTZM 138	Waltz Mill 138 kV
01WALTZT 138	Waltz Mills Tap
01WARFOR 138	Warfordsburg 138 kV
01WASH 138	Washington
01WASHMP 138	Washington (MP) 138 kV
01WAVERL 138	Waverly 138 kV
01WEIRJT 138	WEIRCREST JUNCTION 138KV
01WEIRTN 138	WEIRTON 138KV
01WESTON 138	Weston 138 kV
01WESTOV 138	Westover 138 kV
01WESTRV 138	Westraver 138 kV
01WESTVA 138	Westvaco 138 kV
01WHITEH 138	WHITEHALL JUNCTION 138KV
01WHITEV 138	White Valley 138 kV
01WHITLY 138	Whiteley 138 kV
01WILLAM 138	William 138 kV
01WILLIM 138	WILLIAM 138KV
01WILLOW 138	WILLOW ISLAND 138KV
01WILLW113.8	WILLOW ISLAND UNIT #1
01WILLW218.0	WILLOW ISLAND UNIT #2
01WINDSR 138	WINDSOR 138KV
01WOLFCK 138	WOLF CREEK 138KV
01WOLFCK 144	WOLF CREEK 144KV
01WOLFRN 138	Wolf Run 138 kV
01WOODLD 138	Woodland 138 kV
01WVU 138	WEST VIRGINIA UNIV. 138KV (MORGANTOWN ENERGY ASSOC
01WWAYNE 138	West Waynesboro 138 kV
01WYCOFF 138	Wycoff 138 kV
01WYCOFJ 138	Wycoff Junction
01WYLIER 138	WYLIE RIDGE 138KV
01WYLIER 345	WYLIE RIDGE 345KV
01WYLIER 500	WYLIE RIDGE 500KV
01YOUNGW 138	Youngwood 138 kV
01YUKON 138	YUKON 138KV
01YUKON 500	YUKON 500KV
02 7NBTC69.0	NEWBURGH 7 69 KV
02 8NBTC69.0	NEWBURGH 8 69 KV
02 ALLEN 138	ALLEN JUNCTION 138 KV
02 BG TA 138	BOWLING GREEN MUNICIPAL TAP 138 KV
02 BRIM 138	BRIM 138 KV
02 BRIM772.0	BRIM 72 KV
02 CHEV 138	HYDRAMATIC 138 KV
02 DELIA 138	DELTA 138 KV
02 DIXIE 138	DIXIE 138 KV
02 DIXIE72.0	DIXIE 69 KV
02 EBER 138	EBER 138 KV
02 FREY 138	FREY 138 KV
02 GMC 138	GMC-DEFIANCE 138 KV
02 GOULD72.0	Gould Substation 72 kV bus (existing)
02 IRONV 138	IRONVILLE 138 KV
02 IRONV72.0	IRONVILLE 69 KV
02 JMP 138	JOHNS MANVILLE PRODUCTS 138 KV
02 LYONS 138	LYONS 138 KV

02 N-3	69.0	LAKESHORE - NEWBURGH CABLE 3	69 KV
02 N-4	69.0	LAKESHORE - NEWBURGH CABLE 4	69 KV
02 N-5	69.0	LAKESHORE - NEWBURGH CABLE 5	69 KV
02 NAOMI	138	NAOMI JUNCTION	138 KV
02 RCHLN	72.0	RICHLAND	138 KV
02ACUST	138	ACUSTAR	138 KV
02AD Q-2	138	ADMIRAL Q-3	138 KV
02AD Q-4	138	ADMIRAL Q-4	138 KV
02ADMIRL	36.0	ADMIRAL	36 KV
02AETNA	138	AETNA	138 KV
02AETNA	23.0	AETNA	23 KV
02AIRPK	138	Air Park	138kV bus
02AIRPK+	138	Air Park	138kV tap pt.
02ALLEN	345	ALLEN JUNCTION	345 KV
02ALLNJ	138	ALLEN JUNCTION J BUS	138 KV
02ALLNJB	138	ALLEN JUNCTION K BUS	138 KV
02AMSTED	138	AMERICAN STEEL FOUNDRIES	138 KV
02ANGOLA	138	ANGOLA	138 KV
02APQ-2	138	AIR PRODUCTS Q2	138 KV
02APRQ-1	138	AIR PRODUCTS Q-1	138 KV
02ARMCO	138	ARMCO STEEL	138 KV
02ARMCO+	138	ARMCO STEEL TAP	138 KV
02AS Q-1	138	ASTOR Q-11	138 KV
02ASHTBL	138	ASHTABULA	138 KV
02ASHTG5	18.0	Ashtabula Unit	5
02ASHTG6	13.8	Ashtabula unit No. 6	138kV bus
02ASHTG7	13.8	Ashtabula unit No. 7	138kV bus
02ASHTG8	13.8	Ashtabula unit No. 8	138kV bus
02ASHTG9	13.8	Ashtabula unit No. 9	138kV bus
02ASQ-11	138	ASTOR Q-11	138 KV
02AT	345	ASHTABULA	345 KV
02AT-6TC	138	ASHTABULA C	138 KV
02ATC TR	13.8	ASHTABULA - C	13.8 KV
02ATCQ31	138	ASHTABULA C Q-31	138 KV
02AVERY	138	AVERY	138 KV
02AVERY	69.0	AVERY	69 KV
02AVON	138	AVON	138 KV
02AVON	345	AVON	345 KV
02AVONG6	13.8	Avon Unit	6
02AVONG7	13.8	Avon Unit	7
02AVONG9	20.0	Avon Unit	9
02AYERSV	138	AYERSVILLE	138 KV
02B.M.F.	138	BULK MAIL FACILITIES	138 KV
02B+W AK	138	BABCOCK & WILCOX	138 KV
02BABB	138	BABB	138 KV
02BABB	23.0	BABB	23 KV
02BARB-1	23.0	BARBERTON #1	23 KV
02BARB-2	23.0	BARBERTON #2	23 KV
02BAY SH	345	BAYSHORE	345 KV
02BAYSG1	118.0	Bayshore Unit	1
02BAYSG2	118.0	Bayshore Unit	2
02BAYSG3	118.0	Bayshore Unit	3
02BAYSG4	20.0	Bayshore Unit	4
02BAYSHO	138	BAYSHORE	138 KV
02BEAVER	138	BEAVER	138 KV
02BEAVER	345	BEAVER	345 KV

02BEAVGA13.8	Beaver Unit A
02BEAVGB13.8	Beaver Unit B
02BELEVU 138	BELLEVIEW 138 KV
02BELPT 138	Bellepoint 138kV bus
02BELPT+ 138	Bellepoint 138kV tap pt.
02BLUBEL 138	BLUEBELL 138 KV
02BLUBEL69.0	BLUEBELL 69 KV
02BOARDM69.0	BOARDMAN 69 KV
02BORDMN 138	BOARDMAN 138 KV
02BORDMN23.0	BOARDMAN 23 KV
02BRADY 138	BRADY 138 KV
02BRBRTN 138	BARBERTON 138 KV
02BRDVIE69.0	BROADVIEW 69 KV
02BRGR E 138	BURGER EAST 138 KV
02BRGR W 138	BURGER WEST 138 KV
02BRIDGE 138	BRIDGE 138 KV
02BRKSID 138	BROOKSIDE 138 KV
02BRKSID69.0	BROOKSIDE 69 KV
02BRNSWK 138	BRUNSWICK 138 KV
02BRWELL 138	BRUSH-WELLMAN 138 KV
02BURGG313.8	Burger Unit 3
02BURGG418.0	Burger Unit 4
02BURGG518.0	Burger Unit 5
02BURGGD13.8	Burger Unit D
02BURTON 138	BURTON 138 KV
02CADQ-1 138	CADILLAC Q-1 138 KV
02CADQ17 138	CADILLAC Q-17 138 KV
02CADQ18 138	CADILLAC Q-18 138 KV
02CADQ-2 138	CADILLAC Q-2 138 KV
02CAIRNS 138	Cairns
02CALPG118.0	Calpine Fremont Energy Center No. 1 gen. bus (fut.
02CALPG218.0	Calpine Fremont Energy Center No. 2 gen. bus (fut.
02CALPG318.0	Calpine Fremont Energy Center No. 3 gen. bus (fut.
02CAMPBL69.0	CAMPBELL 69 KV
02CARDNT 138	CARDINGTON 138 KV
02CARDNT69.0	CARDIGTON 69 KV
02CARLIL 138	CARLISLE 138 KV
02CARLIL 345	CARLISLE 345 KV
02CARLIS69.0	CARLISLE 69 KV
02CDR ST 138	CEDAR STREET 138 KV
02CDR ST69.0	CEDAR STREET 69 KV
02CDR23 23.0	Cedar St.
02CF Q-4 138	CLIFFORD Q-4 138 KV
02CFQ-14 138	CLIFFORD Q-14 138 KV
02CHAMBR 345	CHAMBERLIN 345 KV
02CHAMBR69.0	CHAMBERLIN 69 KV
02CHMBER 138	CHAMBERLIN 138 KV
02CHRYSL 138	CHRYSLER 138 KV
02CL Q11 138	CLINTON Q-11 138 KV
02CL Q12 138	CLINTON Q-12 138 KV
02CL Q13 138	CLINTON Q-13 138 KV
02CL Q14 138	CLINTON Q-14 138 KV
02CLARK 138	CLARK 138 KV
02CLARK 69.0	CLARK 69 KV
02CLAYBN 138	CLAYBEN 138 KV
02CLLNWD69.0	COLLINWOOD 69 KV

02CLVRDL 138	CLOVERDALE 138 KV
02CLVRDL69.0	CLOVERDALE 69 KV
02CNTRAL 138	CENTRAL 138 KV
02COLLIN 138	COLLINWOOD 138 KV
02COLMBN69.0	Columbiana
02COMERC 138	COMMERCE 138 KV
02CORTLD 138	CORTLAND 138 KV
02CPP CL 138	CLEVELAND PUBLIC POWER CLINTON 138 KV
02CPP LS 138	CLEVELAND PUBLIC POWER LAKESHORE 138 KV
02CPP NH 138	CLEVELAND PUBLIC POWER NOTTINGHAM 138 KV
02CPPW4169.0	CLEVELAND PUBLIC POWER WEST 41st 138 KV
02CRISS 138	CRISSINGER 138 KV
02CRISS 34.5	CRISSINGER 34.5 KV
02CRSLND 138	CROSSLAND 138 KV
02CW Q-1 138	CRESTWOOD Q-1 138 KV
02CW Q-3 138	CRESTWOOD Q-3 138 KV
02CW TP1 138	CRESTWOOD TAP Q-1 138 KV
02CW TP3 138	CRESTWOOD TAP Q-3 138 KV
02CY Q-1 138	CRYSTAL Q-1 138 KV
02CY Q-2 138	CRYSTAL Q-2 138 KV
02DALE 138	DALE 138 KV
02DALE 69.0	DALE 69 KV
02DARROW 138	DARROW 138 KV
02DARROW69.0	DARROW 69 KV
02DAV-BE 345	DAVIS-BESSE 345 KV
02DAWSON36.0	DAWSON 36KV
02DBQ-11 138	DUNBAR Q-11 138 KV
02DBQ-14 138	DUNBAR Q-14 138 KV
02DECANT 138	DECANT 138 KV
02DEFISW 138	DEFIANCE SW 138 KV
02DIVISN 138	DIVISION 138 KV
02DKQ-16 138	DUNKIRK Q-16 138 KV
02DKQ-17 138	DUNKIRK Q-17 138 KV
02DLQ-15 138	DELL Q-15 138 KV
02DOBINS 138	DOBBINS 138 KV
02DS Q-1 138	Dawson Tap Point 138 kV
02DS Q-3 138	DAWSON Q-3 138 KV
02DUALR+ 138	Dual Rail Tap
02DUALRL 138	Dual Rail
02DUFERC 138	Duferco Farrell 138kV bus
02DVBSG125.0	Davis Besse Unit 1
02DW Q-1 138	DARWIN Q-1 138 KV
02DW Q-3 138	DARWIN Q-3 138 KV
02E IND 138	EAST INDUSTRIAL 138 KV
02E.AK.E23.0	EAST AKRON EAST 23 KV
02E.AKWM23.0	EAST AKRON WEST - MIDPOINT 23 KV
02E.SPFL69.0	EAST SPRINGFIELD 69 KV
02EAKRON 138	EAST AKRON 138 KV
02EASTG118.0	Eastlake Unit 1
02EASTG218.0	Eastlake Unit 2
02EASTG318.0	Eastlake Unit 3
02EASTG418.0	Eastlake Unit 4
02EASTG524.0	Eastlake Unit 5
02EASTLK 138	EASTLAKE 138 KV
02EASTLK 345	EASTLAKE 345 KV
02ECTY F 138	Ellwood City Forge 138kV bus

02EDGE414.4	Edgewater Unit 4
02EDGEA13.8	Edgewater Unit A
02EDGEGB13.8	Edgewater Unit B
02EDGEWT 138	EDGEWATER 138 KV
02EDGEWT69.0	EDGEWATER 69 KV
02ELK 13.8	ELK 13.8KV
02ELM 138	ELM 138 KV
02ELW.QS 138	ELLWOOD QUALITY STEEL 138 KV
02ELW+ 138	ELLWOOD TAP 138 KV
02ELWOD+ 138	ELWOOD ENGRD TAP 138 KV
02ELWOOD 138	ELLWOOD ENGINEERING 138 KV
02ENQ-11 138	ELDEN Q-11 138 KV
02ENQ-12 138	ELDEN Q-12 138 KV
02EPWRTH 138	EPWORTH 138 KV
02ERQ-11 138	ERIE Q-11 138 KV
02ERQ-14 138	ERIE Q-14 138 KV
02ESPRNG 138	EAST SPRINGFIELD 138 KV
02ET Q-1 138	EATON Q-1 138 KV
02ET Q-2 138	EATON Q-2 138 KV
02EU TAP 138	ELLWOOD QUALITY STEEL TAP 138 KV
02EVANS 138	EVANS 138 KV
02EVRGRN 138	EVERGREEN 138 KV
02EVRGRN23.0	EVERGREEN 23 KV
02EYQ-14 138	EMILY Q-14 138 KV
02EYTP14 138	EMILY TAP Q-14 138 KV
02FAYET 138	FAYETTE 138 KV
02FB Q-1 138	FABER Q-1 138 KV
02FB Q-3 138	FABER Q-3 138 KV
02FERNWY 138	FERNWAY 138 KV
02FIRSTN 138	FIRESTONE T&R CO. 138 KV
02FIVEPT 138	FIVE POINT 138 KV
02FLATR+69.0	FLATROCK TAP 69 KV
02FMCQ12 138	FORD MOTOR CO. Q-12 138 KV
02FMCQ13 138	FORD MOTOR CO. Q-13 138 KV
02FMCQ17 138	FORD MOTOR CO. Q-17 138 KV
02FMCQ18 138	FORD MOTOR CO. Q-18 138 KV
02FMEAST 138	MEDCO 138 KV
02FMQ12H 138	FORD MOTOR CO. Q-12H 138 KV
02FMQ13H 138	FORD MOTOR CO. Q-13H 138 KV
02FNISH 138	PREFINISHED METALS (WALB.TAP) 138 KV
02FORD 138	FORD MOTOR CO. 138 KV
02FORD B 138	FORD B 138 KV
02FORTIN 138	FORT INDUSTRY 138 KV
02FOX 345	FOX 345 KV
02FOXQ11 138	FOX Q-11 138 KV
02FOXQ12 138	FOX Q-12 138 KV
02FOXQ13 138	FOX Q-13 138 KV
02FOXQ14 138	FOX Q-14 138 KV
02FRISCO69.0	Frisco
02FRNKLN 138	FRANKLIN 138 KV
02FULTON 138	FULTON 138 KV
02FWLSQ1 138	FOWLES Q-1 138 KV
02FWLSQ2 138	FOWLES Q-2 138 KV
02FWLSQ3 138	FOWLES Q-3 138 KV
02FWLSQ4 138	FOWLES Q-4 138 KV
02FWQ-11 138	FOWLES Q-11 138 KV

02FWQ-14 138	FOWLES Q-14 138 KV
02GALION 138	GALION 138 KV
02GALION 345	GALION 345 KV
02GALION69.0	GALION 69 KV
02GARDEN 138	GARDEN 138 KV
02GATES 138	GATES 138 KV
02GDYR + 138	GOODYEAR T&R CO. TAP 138 KV
02GENMLL 138	GENERAL MILLS 138 KV
02GF Q-1 138	GARFIELD Q-1 138 KV
02GFQ-11 138	GARFIELD Q-11 138 KV
02GFQ-12 138	GARFIELD Q-12 138 KV
02GFQ-2 138	GARFIELD Q-21 138 KV
02GILCHR69.0	GILCHRIST 69 KV
02GLCRST 138	GILCHRIST 138 KV
02GM MAN 138	GEN. MOTORS CORP CPC GROUP 138 KV
02GM WAR 138	GEN. MOTORS LORDSTOWN BOC 138 KV
02GPPR + 138	GP PROPERTIES/ANI METAL TAP 138 KV
02GR Q-3 138	GRIFFIN Q-3 138 KV
02GR Q-4 138	GRIFFIN Q-4 138 KV
02GRANGR 138	GRANGER 138 KV
02GRFD D 138	GREENFIELD D 138 KV
02GRFD T 138	GREENFIELD TAP 138 KV
02GRNFLD 138	GREENFIELD 138 KV
02GRNFLD69.0	GREENFIELD 69 KV
02GROVEW36.0	GROVEWOOD 36 KV
02GTQ-11 138	GRANT Q-11 138 KV
02GTQ-12 138	GRANT Q-12 138 KV
02GTQ-13 138	GRANT Q-13 138 KV
02GTQ-14 138	GRANT Q-14 138 KV
02GXQ-14 138	GALAXIE Q-14 138 KV
02GXTP14 138	GALAXIE TAP Q-14 138 KV
02HAMIL+ 138	HAMILTON TAP 138 kv
02HAMILT 138	HAMILTON 138 KV
02HANNA 138	HANNA 138 KV
02HANNA 345	HANNA 345 KV
02HARDIN 345	HARDING 138 KV
02HARTVL69.0	Hartville
02HASKIN 138	HASKIN 138 KV
02HAWTHO 138	HAWTHORNE 138 KV
02HAZLQ1 138	HAZEL Q-1 138 KV
02HAZLQ2 138	HAZEL Q-2 138 KV
02HCQ-13 138	HANCOCK Q-13 138 KV
02HCQ-14 138	HANCOCK Q-14 138 KV
02HDGQ11 138	HARDING Q-11 138 KV
02HDGQ12 138	HARDING Q-12 138 KV
02HDGQ13 138	HARDING Q-13 138 KV
02HDGQ14 138	HARDING Q-14 138 KV
02HGHLND 138	HIGHLAND 138 KV
02HGHLND 345	HIGHLAND 345 KV
02HKQ-21 138	HICKORY Q-21 138 KV
02HKQ-22 138	HICKORY Q-22 138 KV
02HL Q-1 138	HAMILTON Q-1 138 KV
02HL Q-2 138	HAMILTON Q-2 138 KV
02HL-1TC 138	HAMILTON #1 CTR 138 KV
02HL-2TC 138	HAMILTON #2 CTR 138 KV
02HL-3TC 138	HAMILTON #3 CTR 138 KV

02HL-4TC	138	HAMILTON #4 CTR	138 KV
02HMLQ11	138	HUMMEL Q-11	138 KV
02HMLQ12	138	HUMMEL Q-12	138 KV
02HMLQ13	138	HUMMEL Q-13	138 KV
02HMLQ14	138	HUMMEL Q-14	138 KV
02HO Q-1	138	HORIZON Q-1	138 KV
02HO Q-2	138	HORIZON Q-2	138 KV
02HO-1TC	138	HORIZON Q-1 CTR	138 KV
02HO-2TC	138	HORIZON Q-2 CTR	138 KV
02HOYTD1	138	Hoytdale No. 1	138kV bus
02HOYTD2	138	Hoytdale	
02HOYTDL	345	HOYTDALE	345 KV
02HUDMUN	138	HUDSON MUNICIPAL	138 KV
02HUMMEL36.0		HUMMEL	36 KV
02HYCK J	138	HONEY CREEK JUNCTION	138 KV
02IKQ-15	138	INCA Q-15	138 KV
02IKQ-16	138	INCA Q-16	138 KV
02IKQ-18	138	INCA Q-18	138 KV
02ILQ-11	138	ISSLER Q-11	138 KV
02ILQ-12	138	ISSLER Q-12	138 KV
02ILQ-13	138	ISSLER Q-13	138 KV
02INLAND	345	INLAND	345 KV
02INQ-11	138	INLAND Q-11	138 KV
02INQ-14	138	INLAND Q-14	138 KV
02IRA	138	IRA	138 KV
02IVANHO	138	IVANHOE	138 KV
02IVANHO23.0		IVANHOE	23 KV
02IVY	36.0	IVY	36 KV
02IVYQ11	138	IVY Q-11	138 KV
02IVYQ14	138	IVY Q-14	138 KV
02IWQ-16	138	IRWIN Q-16	138 KV
02IWQ-17	138	IRWIN Q-17	138 KV
02JACKMA	138	JACKMAN	138 KV
02JACKSN	138	JACKSON	138 KV
02JGSQ11	138	JENNINGS Q-11	138 KV
02JGSQ12	138	JENNINGS Q-12	138 KV
02JGSQ13	138	JENNINGS Q-13	138 KV
02JGSQ14	138	JENNINGS Q-14	138 KV
02JIQ-11	138	JUDI Q-11	138 KV
02JIQ-14	138	JUDI Q-14	138 KV
02JNPRQ1	138	JUNIPER Q-1	138 KV
02JNPRQ2	138	JUNIPER Q-2	138 KV
02JNPRQ3	138	JUNIPER Q-3	138 KV
02JNPRQ4	138	JUNIPER Q-4	138 KV
02JOHNSO69.0		JOHNSON	69 KV
02JONSON	138	JOHNSON	138 KV
02JORDAN36.0		Jordan Sub	
02JP	138	Jeep	138 kV
02JRDQ11	138	JORDAN Q-11	138 KV
02JRDQ14	138	JORDAN Q-14	138 KV
02JUNIP	345	JUNIPER	345 KV
02KD Q-1	138	KENDALL Q-1	138 KV
02KD Q-3	138	KENDALL Q-3	138 KV
02KDTPQ1	138	KENDALL TAP Q-1	138 KV
02KDTPQ3	138	KENDALL TAP Q-3	138 KV
02KH Q-1	138	KEITH Q-1	138 KV

02KH Q-3 138	KEITH Q-3 138 KV
02KHTPQ1 138	KEITH TAP Q-1 138 KV
02KHTPQ3 138	KEITH TAP Q-3 138 KV
02KIQ-11 138	KIPLING Q-11 138 KV
02KIQ-14 138	KIPLING Q-14 138 KV
02KIRBY 138	KIRBY 138 KV
02KL Q-1 138	KELLY Q-1 138 KV
02KL Q-3 138	KELLY Q-3 138 KV
02KNOX 138	KNOX 138 KV
02KNOX 69.0	KNOX 69 KV
02KOPL S 138	KOPPEL STEEL 138 KV
02KPQ-12 138	KEPLER Q-12 138 KV
02KPQ-13 138	KEPLER Q-13 138 KV
02KRBMID 138	KIRBY MIDPOINT 138 KV
02KY Q-1 138	KENYON Q-1 138 KV
02KY Q-3 138	KENYON Q-3 138 KV
02KY-HS 138	KELSEY-HAYES 138 KV
02LAKERD69.0	LAKE ROAD 69 KV
02LAKMOR 138	LAKEMORE 138 KV
02LAKVEW 138	LAKEVIEW 138 KV
02LAQ-12 138	LARK Q-12 138 KV
02LAQ-13 138	LARK Q-13 138 KV
02LB Q12 138	LIBERTY Q-12 138 KV
02LB Q13 138	LIBERTY Q-13 138 KV
02LDEQ15 138	LINDE Q-15 138 KV
02LDEQ16 138	LINDE Q-16 138 KV
02LE Q-1 138	LESTOR Q-1 138 KV
02LE Q-3 138	LESTOR Q-3 138 KV
02LEMOG118.0	Lemoyne Unit 1
02LEMOG218.0	Lemoyne Unit 2
02LEMOG318.0	Lemoyne Unit 3
02LEMOG418.0	Lemoyne Unit 4
02LEMOYN 138	LEMOYNE 138 KV
02LEMOYN 345	LEMOYNE 345 KV
02LESIDE 138	LEASIDE 138 KV
02LESIDE69.0	LEASIDE 69 KV
02LF Q-2 138	LONGFIELD Q-2 138 KV
02LF Q-4 138	LONGFIELD Q-4 138 KV
02LIC.PK23.0	LINCOLN PARK 23 KV
02LIMECT 138	Lime City 138 kv
02LIQAIR 138	LIQUID AIR 138 KV
02LJQ-12 138	LEJUNE Q-12 138 KV
02LJQ-13 138	LEJUNE Q-13 138 KV
02LKDG1818.0	Lakeshore unit No. 18 gen. 18.0 kV bus
02LKSH1511.5	Lakeshore 15
02LKSH1711.5	Lakeshore 17
02LKSHOR 138	LAKESHORE 138 KV
02LMQ-11 138	LAMONT Q-11 138 KV
02LNC.PK 138	LINCOLN PARK 138 KV
02LNGVEW 138	LONGVIEW 138 KV
02LNGVEW69.0	LONGVIEW 69 KV
02LONDON 138	LONDON 138 KV
02LONDON69.0	LONDON 69 KV
02LOWELL 138	LOWELLVILLE 138 KV
02LOWELV69.0	LOWELLVILLE 69 KV
02LOWLVL23.0	Lowellville

02LRCRQ2	138	LEROY CENTER Q-2	138 KV
02LRCRQ3	138	LEROY CENTER Q-3	138 KV
02LRN Q2	138	LORAIN Q-2	138 KV
02LRN Q4	138	LORAIN Q-4	138 KV
02LS1RD	11.5	LAKESHORE RED	11.5 KV
02LS3GN	11.5	LAKESHORE GREEN	11.5 KV
02LS7T-C	11.5	LAKESHORE 7	11.5 KV
02LS8T-C	11.5	LAKESHORE 8	11.5KV
02LTEQ11	138	LTV STEEL EAST Q-11	138 KV
02LTEQ12	138	LTV STEEL EAST Q-12	138 KV
02LTEQ13	138	LTV STEEL EAST Q-13	138 KV
02LTEQ14	138	LTV STEEL EAST Q-14	138 KV
02LTL	36.0	LTV STEEL GALVANIZING LINE	36 KV
02LTV	138	LTV STEEL	138 KV
02LTV SL	138	LTV STEEL CAMPBELL WORKS	138
02LTV+	138	LTV STEEL TAP	138KV
02LYD A	36.0	LLOYD A	36 KV
02LYD B	36.0	LLOYD B	36 KV
02LYDQ11	138	LLOYD Q-11	138 KV
02LYDQ14	138	LLOYD Q-14	138 KV
02LYQ-12	138	LLOYD Q-12	138 KV
02LYQ-13	138	LLOYD Q-13	138 KV
02MACLEA	138	MACLEAN	138 KV
02MACLEA72.0		MACLEAN 72	KV
02MADISN	138	MADISON	138 KV
02MAHNGS	138	MAHONINGSIDE	138 KV
02MAHSID23.0		MAHONINGSIDE 23	KV
02MANSFD	345	MANSFIELD	345 KV
02MAPLE	138	MAPLE	138 KV
02MAPLE 69.0		MAPLE 69	KV
02MASURY	138	MASURY	138 KV
02MASURY23.0		MASURY 23	KV
02MASURY69.0		MASURY 69	KV
02MAYFLD36.0		MAYFIELD 36	KV
02MAYSVL	138	MAYSVILLE	138 KV
02MAYSVL69.0		MAYSVILLE 69	KV
02MBQ-13	138	MARBLE Q-13	138 KV
02MBQ-14	138	MARBLE Q-14	138 KV
02MCD +	138	MCDONALD TAP	138 KV
02MCD ST	138	MCDONALD STEEL	138 KV
02MCDOWL	138	MCDOWELL	138 KV
02MCDOWL69.0		MCDOWELL 69	KV
02MFLDQ1	138	MAYFIELD Q-1	138 KV
02MFLDQ2	138	MAYFIELD Q-2	138 KV
02MFLDQ3	138	MAYFIELD Q-3	138 KV
02MFLDQ4	138	MAYFIELD Q-4	138 KV
02MIDWAY	138	MIDWAY	138 KV
02MIDWAY 345		MIDWAY 345	KV
02MIDWAY72.0		MIDWAY 72	KV
02MLCRK	138	MILL CREEK	138KV
02MLCRK+	138	MILL CREEK TAP	138KV
02MNFDG118.0		Mansfield Unit 1	
02MNFDG218.0		Mansfield Unit 2	"
02MNFDG318.0		Mansfield Unit 3	
02MOORE	138	MOORE	138 KV
02MRGP +	138	MR. STEEL-GP PROPERTIES TAP	138 KV

02MRST + 138	MARION STEEL TAP 138 KV
02MURRAY 138	MURRAY 138 KV
02MX Q-2 138	MAXWELL Q-2 138 KV
02MX Q-4 138	MAXWELL Q-4 138 KV
02N DEPT 138	G.M. NEW DEPARTURE 138 KV
02N EAST 138	NORTHEAST 138 KV
02N MED 138	North Medina 138kV bus
02N MED 345	North Medina 345kV bus
02N.STAR 138	NORTH STAR STEEL 138 KV
02NAPMUN 138	Napoleon Muni
02NASA 138	NASA 138 KV
02NASA 36.0	NASA 36 KV
02NASQ15 138	NASA Q-15 138 KV
02NASQ16 138	NASA Q-16 138 KV
02NASQ17 138	NASA Q-17 138 KV
02NASQ18 138	NASA Q-18 138 KV
02NATHAN36.0	NATHAN 36 KV
02NB N3 69.0	NEWBURGH N3 69 KV
02NB N4 69.0	NEWBURGH N4 69 KV
02NB Q17 138	NEWBURGH Q-17 138 KV
02NB Q18 138	NEWBURGH Q-18 138 KV
02NCA#2 23.0	NEW CASTLE UNIT A 23 KV
02NCASTL 138	NEW CASTLE 138 KV
02NCASTL69.0	NEW CASTLE 69 KV
02NCTER 23.0	NEW CASTLE TERTIARY 23 kV
02NCUNTD23.0	NEW CASTLE DIESEL UNIT 23 kV
02NEQ-15 138	NEWELL Q-15 138 KV
02NEQ-16 138	NEWELL Q-16 138 KV
02NEVADA 138	NEVADA 138 KV
02NFALLS 138	NEWTON FALLS 138 KV
02NFALLS69.0	NEWTON FALLS 69 KV
02NFLDQ1 138	NORTHFIELD Q-1 138 KV
02NFLDQ2 138	NORTHFIELD Q-2 138 KV
02NFLDQ3 138	NORTHFIELD Q-3 138 KV
02NFLDQ4 138	NORTHFIELD Q-4 138 KV
02NHTQ11 138	NOTTINGHAM Q-11 138 KV
02NILEG116.5	Niles Unit 1
02NILEG216.5	Niles Unit 2
02NILES 138	NILES 138 KV
02NILES 23.0	NILES 23 KV
02NORDON 138	Nordonia
02NP Q-1 138	NEWPORT Q-1 138 KV
02NRTHFD36.0	NORTHFIELD 36 KV
02NSQ-15 138	NASH Q-15 138 KV
02NSQ-16 138	NASH Q-16 138 KV
02NSTAR 345	NORTH STAR 345 KV
02NT Q11 138	NATHAN Q-11 138 KV
02NT Q12 138	NATHAN Q-12 138 KV
02NTAP 345	NORTH STAR TAP 345 KV
02NURSER36.0	NURERY 36 KV
02NW Q-2 138	NORWAY Q-2 138 KV
02NWCAG314.4	New Castle Unit 3
02NWCAG414.4	New Castle Unit 4
02NWCAG516.5	New Castle Unit 5
02NY Q11 138	NURSERY Q-11 138 KV
02NY Q12 138	NURSERY Q-12 138 KV

02OILEVS 138	O.I.LEVIS 138 KV
02ONT + 138	ONTARIO TAP 138 KV
02ONTARO 138	ONTARIO 138 KV
02OREGON 138	OREGON 138KV
02OTTAWA 138	OTTAWA 138 KV
02OTTAWA72.0	Ottawa Substation 72 kV bus (future)
02PACKRD 138	PACKARD 138 KV
02PDBQ11 138	PLAIN DEALER Q-11 138 KV
02PDBQ12 138	PLAIN DEALER Q-12 138 KV
02PEMB M72.0	MACLEAN-PEMBERVILLE 72 KV
02PERRG122.0	Perry Unit 1
02PERRY 345	PERRY 345 KV
02PGQ-11 138	PINEGROVE Q-11 138 KV
02PGQ-12 138	PINEGROVE Q-12 138 KV
02PGTF11 138	PINEGROVE TAP Q-11 138 KV
02PGTF12 138	PINEGROVE TAP Q-12 138 KV
02PIDGEO69.0	PIDGEON 138 KV
02PIDGON 138	PIDGEON 69 KV
02PINE 138	PINE 138 KV
02PINE P69.0	PINE PENN POWER 69 KV
02PN Q-1 138	PAWNEE Q-1 138 KV
02PN Q-2 138	PAWNEE Q-2 138 KV
02PN TP 138	PAWNEE TAP 138 KV
02PPPINE 138	PENN POWER PINE 138 KV
02PV Q1 138	PLEASANT VALLEY Q-1 138 KV
02PV Q2 138	PLEASANT VALLEY Q-2 138 KV
02PV Q3 138	PLEASANT VALLEY Q-3 138 KV
02PV Q4 138	PLEASANT VALLEY Q-4 138 KV
02PVMQ15 138	PAINSVILLE MUNICIPAL Q-15 138 KV
02PVMQ16 138	PAINSVILLE MUNICIPAL Q-16 138 KV
02R.M. + 138	REACTIVE METALS TAP 138 KV
02RA Q-2 138	RACHEL Q-2 138 KV
02RA Q-3 138	RACHEL Q-3 138 KV
02RDGVL 138	RIDGEVILLE 138 KV
02RDGVL+ 138	RIDGEVILLE TAP 138 KV
02REACMT 138	REACTIVE METALS 138 KV
02REYNOD 138	REYNOLDS 138 KV
02RICHG113.8	Richland Unit 1
02RICHG213.8	Richland Unit 2
02RICHG313.8	Richland Unit 3
02RICHG413.8	Richland Unit 4
02RICHG513.8	Richland Unit 5
02RICHG613.8	Richland Unit 6
02RICHLN 138	RICHLAND 138 KV
02RIVERB23.0	RIVERBEND 23 kV
02ROBERT 138	ROBERTS 138 KV
02ROBERT34.5	ROBERTS 34.5 KV
02ROSEMT 138	ROSEMONT 138 KV
02ROSS 138	ROSS 138 KV
02RVERBD 138	RIVERBEND 69 KV
02RYAN 138	RYAN 138 KV
02S EAST 138	SOUTHEAST 138 KV
02S.AK.E23.0	SOUTH AKRON EAST 23 KV
02S.AK.W23.0	SOUTH AKRON WEST 23 KV
02SAKRON 138	SOUTH AKRON 138 KV
02SALTSP69.0	SALT SPRINGS 69 KV

02SAMMG120.0	Sammis Unit 1
02SAMMG220.0	Sammis Unit 2
02SAMMG320.0	Sammis Unit 3
02SAMMG420.0	Sammis Unit 4
02SAMMG524.0	Sammis Unit 5
02SAMMG620.0	Sammis Unit 6
02SAMMG720.0	Sammis Unit 7
02SAMMIS 138	SAMMIS 138 KV
02SAMMIS 345	SAMMIS 345 KV
02SANBOR36.0	SANBORN 36 KV
02SBRNQ1 138	SANBORN Q-1 138 KV
02SBRNQ2 138	SANBORN Q-2 138 KV
02SBRNQ3 138	SANBORN Q-3 138 KV
02SBRNQ4 138	SANBORN Q-4 138 KV
02SENECA 138	SENECA 138 KV
02SEVILL 138	SEVILLE 138 KV
02SHALER 138	Shalersville 138 kV
02SHALER69.0	Shalersville 69 kV
02SHARON 138	SHARON 138 KV
02SHARON69.0	SHARON 69 KV
02SHINRO69.0	SHINROCK 69 KV
02SHNAGO 138	SHENANGO 138 KV
02SHNAGO 345	SHENANGO 345 KV
02SHNR0K 138	SKINROCK 138 KV
02SHRPQS 138	SHARPSVILLE QUALITY PROD. 138 KV
02SILIC+ 138	SILICA TAP 138 KV
02SILICA 138	SILICA 138 KV
02SP Q-1 138	SPRUCE Q-1 138 KV
02SP Q-2 138	SPRUCE Q-2 138 KV
02SP Q-3 138	SPRUCE Q-3 138 KV
02SP Q-4 138	SPRUCE Q-4 138 KV
02SSPQ11 138	SOUTHERLY SEWAGE Q-11 138 KV
02SSPQ13 138	SOUTHERLY SEWAGE Q-13 138 KV
02SSPRNG 138	SALT SPRINGS 138 KV
02SSPRNG23.0	SALT SPRINGS 23 KV
02STAR 138	STAR 138 KV
02STAR 345	STAR 345 KV
02STAR 69.0	STAR 69 KV
02STONEY 138	STONEY 138 KV
02STRY7272.0	Stryker
02STRYKE 138	STRYKER 138 KV
02SWANTN 138	SWANTON 138 KV
02SYLVNA 138	SYLVANIA 138 KV
02SYN6-913.8	ASHTABULA SYNCHRONOUS BUS - C 13.8 KV
02T7LEG211.5	LAKESHORE 7 LEG 2 11.5 KV
02T8LEG211.5	LAKESHORE 8 LEG 2 11.5 KV
02TALMDG 138	TALLMADGE 138 KV
02TANGY 138	TANGY 138 KV
02TANGY 345	TANGY 345 KV
02TANGY 69.0	TANGY 69 KV
02TEREX 138	TEREX 138 KV
02THEIS 138	Theis
02TOD 138	TOD 138 KV
02TOUS7272.0	TOUSSAINT 72 kV
02TOUSNT 138	TOUSSAINT 138 kV
02TRACO 138	THREE RIVERS ALUMINUM CO. 138 KV

02TUSC	138	TUSC	138 KV
02URBAN	138	URBAN	138 KV
02URBAN	23.0	URBAN	23 KV
02USSTEL	138	U S STEEL LORAIN	138 KV
02UTTP1	138	UNIVERSITY OF TOLEDO TAP #1	138 KV
02UTTP2	138	UNIVERSITY OF TOLEDO TAP #2	138 KV
02VALLEY	138	VALLEY	138 KV
02VULCAN	138	VULCAN	138 KV
02VULCAN72.0		VULCAN	72 KV
02VULCTA	138	VULCAN TAP	138 KV
02W.AKRO69.0		WEST AKRON	69 KV
02W.FREM	138	WEST FREMONT	138 KV
02W.FREM72.0		WEST FREMONT	72 KV
02W.J.1	138	WALBRIDGE JCT-1	138 KV
02W.J.2	138	WALBRIDGE JCT-2	138 KV
02W.MED	138	WEST MEDINA	138 KV
02W.RAVE69.0		WEST RAVENNA	69 KV
02WADS	138	Wadsworth	138 kv
02WAKRON	138	WEST AKRON	138 KV
02WALBRD	138	WALBRIDGE	138 KV
02WATERV	138	WATERVILLE	138 KV
02WAUS7272.0		Wauseon	
02WAUSEO	138	WAUSEON	138 KV
02WCKLIF	138	WICKLIFFE	138 KV
02WELLNG69.0		WELLINGTON	69 KV
02WELNGT	138	WELLINGTON	138 KV
02WENTWT	138	WENTWORTH	138 KV
02WESTGT	138	WESTGATE	138 KV
02WLORG121.5		West Lorain Unit	1
02WLORG221.5		West Lorain Unit	2
02WLORG321.5		West Lorain Unit	3
02WLORG421.5		West Lorain Unit	4
02WLORG521.5		West Lorain Unit	5
02WOOD+	138	WOODVILLE TAP	138 KV
02WOODVI	138	WOODVILLE	138 KV
02WRVNA	138	WEST RAVENNA	138 KV
02ZELI6969.0		Zelienople	69kv bus
02ZELI-M	138	Zelienople Muni.	138kv bus
02ZNQ-15	138	ZENITH Q-15	138 KV
02ZNQ-16	138	ZENITH Q-16	138 KV
0523RD S	138	TWENTY-THIRD STREET	
05ABERT	69.0	ABERT	
05ABINGD	138	ABINGDON	
05ACADEM	138	ACADEMIA	
05ADAM	138	ADAMS	
05ADAMS	138	ADAMS	
05ADAMS	69.0	ADAMS	
05ADDISO	138	ADDISON	
05ADISN8	138	ADDISON (BUCKEYE CO-OP)	
05AGAGST	138	AGA GAS TAP	
05AIRCO	138	AIRCO	
05AIRCO8	138	AIRCO (NORTH CENTRAL CO-OP)	
05AKSTL	138	AK STEEL	
05AKSTL1	138	AK STEEL	
05AKSTL2	138	AK STEEL	
05ALBION	138	ALBION	

05ALLEN	138	ALLEN
05ALLEN	345	ALLEN
05ALLEN	46.0	ALLEN
05ALLOY	138	ALLOY
05ALUMRG	138	ALUM RIDGE
05AMALLOY	138	AMERICAN ALLOY
05AMHER	69.0	AMHERST COAL
05AMOS	138	AMOS
05AMOS	345	AMOS
05AMOS	765	AMOS
05ANDCT	138	ANDERSON CT (IMPA)
05ANGLBR	138	ANGEL BRANCH
05ANTHY	138	ANTHONY
05ANTHYZ	138	ANTHONY TAP
05APCI	138	AIR PRODUCTS
05APPLE1	138	APPLE GROVE
05APPLE2	138	APPLE GROVE
05APPLEC	138	APPLE CREEK
05APPVLY	138	APPLE VALLEY
05ASTOR	138	ASTOR
05AT&T	138	AMERICAN TELEPHONE & TELEGRAPH
05ATKINS	138	ATKINS
05AUBUNC	138	CITY OF AUBURN
05AUBURN	138	AUBURN
05AUSTIN	138	AUSTINVILLE
05AXTON	138	AXTON
05AXTON	765	AXTON
05AXTONX	138	Axton
05B & W	69.0	B & W
05B SAN	69.0	BIG SANDY
05B SAND	138	BIG SANDY
05BAILS1	138	BAILEYSVILLE
05BAILS2	138	BAILEYSVILLE
05BAKER	138	Baker
05BAKER	345	BAKER
05BAKER	765	BAKER
05BANCRO	138	BANCROFT
05BANSTR	138	BANISTER
05BARODA	138	Baroda
05BASEL8	138	PAULDING PUTNAM
05BCKSKI	69.0	BUCKSKIN
05BEARSK	138	BEARSKIN
05BEATTY	138	BEATTY
05BEATTY	345	BEATTY
05BEAVRC	138	BEAVER CREEK
05BEC1EQ	999	BEAVER CREEK
05BEC2EQ	999	BEAVER CREEK
05BECKHA	138	BECKHAM
05BECNTR	345	Berrien
05BEECH	138	BEECH ROAD
05BEEFHI	138	BEEF HIDE
05BELDVL	138	BELDEN VILLAGE
05BELHAV	138	BELHAVEN
05BELLET	34.5	BELLEFONTE
05BELLF1	138	BELLEFONTE
05BELLF2	138	BELLEFONTE

05BELMON	765	BELMONT
05BELVA	138	BELVA
05BEN2EQ	999	BELLEFONTE
05BEN5EQ	999	BELLEFONTE
05BENT M	138	BENT MOUNTAIN
05BENTON	138	BENTON HARBOR
05BENTON	345	BENTON HARBOR
05BETH	138	BETH METERING
05BETHEL	138	BETHEL
05BETSYL	138	BETSY LANE
05BEVERL	345	Beverly
05BEXLEY	138	BEXLEY
05BEYLEQ	999	BETSY LAYNE
05BIG IA69.0		BIG ISLAND
05BIGGRC	138	BIG GRAVE CREEK
05BIM	138	BIM
05BIM Z	138	BIM TAP
05BIOMAS	138	Biomass Energy
05BIXBY	138	BIXBY
05BIXBY	345	BIXBY
05BIXLER	138	BIXLER
05BIXLRT	138	BIXLER TAP
05BLACKL	138	Blacklick
05BLAINE	138	BLAINE
05BLDBGZ	138	BLADENSBURG
05BLEND0	138	BLENDON
05BLMF Z	138	BLOOMFIELD
05BLUEF1	138	BLUEFIELD
05BLUEF2	138	BLUEFIELD
05BLUFFP	138	BLUFF POINT
05BOLINS	138	BOLINS
05BOLIVA	138	BOLIVAR
05BOLT	138	BOLT
05BONNYN69.0		BONNYMAN
05BONSCK	138	BONSACK
05BOONES	138	BOONESBORO
05BORLND	138	BORDERLAND
05BOXWD	138	BOXWOOD
05BRADL1	138	BRADLEY
05BRADL2	138	BRADLEY
05BREED	345	BREED
05BRICEZ	138	BRICE
05BRIDGV	138	BRIDGEVILLE
05BROADA	138	BROADACRE
05BROADF	138	BROADFORD
05BROADF	500	BROADFORD
05BROADF	765	BROADFORD
05BROADX	138	Broadford
05BROKFL	138	BROOKFIELD
05BROOKS	138	BROOKSIDE
05BROOKV	138	BROOKVILLE
05BRUES	138	BRUES
05BRUES2	138	BRUES
05BRUESZ	138	BRUES TAP
05BRUSHT	138	BRUSH TAVERN
05BRYAN	138	CITY OF BRYAN

05BSANDX 138	Big Sandy
05BTHL Z 138	BETHEL CHURCH
05BUCKEY 138	BUCKEYE STEEL
05BUCKH8 138	BUCKHORN (HOLMES-WAYNE CO-OP)
05BUCKHO 138	BUCKHORN
05BUCKLR 138	BUCKLEY ROAD
05BUCYRC 138	BUCYRUS CENTER
05BURLHT 138	BURLINGTON HEIGHTS
05BUSHZ 138	BUSH TAP
05BUSSYV 138	BUSSEYVILLE
05CABELL 138	CABELL
05CABINC 138	CABIN CREEK
05CABOT 138	CABOT
05CALDWE 138	CALDWELL
05CALVRT 138	CALVERT
05CAMDLM 138	CANDLERS MOUNTAIN
05CANAL 138	CANAL
05CANALR 138	CANAL ROAD
05CANNES 138	CANNELSVILLE
05CANNOB69.0	CANNONSBURG
05CANTNC 138	CANTON CENTRAL
05CANTNC 345	CANTON CENTRAL
05CAPITO 138	CAPITAL HILL
05CARB 8 138	UNION CARBIDE 8
05CARB Z 138	UNION CARBIDE TAP
05CARBMA 138	UNION CARBIDE MAIN
05CARBND 138	CARBONDALE
05CARROL 138	CARROLLTON
05CARSWE 138	CARSWELL
05CARWL 138	CARSWELL TAP
05CATAWB 138	CATAWBA
05CATAWZ 138	CATAWBA TAP
05CAVES1 138	CAVE SPRING
05CAVES2 138	CAVE SPRING
05CEDARC 138	CEDAR CREEK
05CELAN 138	CELANESE
05CELANZ 138	CELANESE TAP
05CENPOR 138	CENTRAL PORTSMOUTH
05CENTCR 138	CENTERVILLE
05CENTER 138	CENTERVILLE
05CENTRR 138	CENTERVILLE
05CERCEQ 999	CEDAR CREEK
05CHADWC 138	CHADWICK
05CHADWK69.0	CHADWICK
05CHANDR 138	CHANDLERSVILLE
05CHATFL 138	CHATFIELD
05CHAVI 69.0	CHAVIES
05CHEM 1 138	CHEMICAL
05CHEM 2 138	CHEMICAL
05CHESTA 138	CHESTERFIELD AVENUE STATION
05CHESTR 138	CHESTERFIELD AVENUE
05CHNC 138	CHAUNCEY
05CHNC Z 138	CHAUNCEY TAP
05CILEQ3 999	CIRCLEVILLE
05CINDER 138	CINDERALLA
05CIRCLV 138	CIRCLEVILLE

05CITYCO 138	CITY OF COLUMBUS
05CLAY-111.0	CLAYTOR
05CLAY-211.0	CLAYTOR
05CLAYPL 138	CLAYPOOL HILL
05CLEARB 138	CLEARBROOK
05CLENDE 138	CLENDEMIN
05CLEVEL 138	CLEVELAND
05CLIFFD46.0	CLIFFORD
05CLIFFD69.0	CLIFFORD
05CLIFFR 138	CLIFFORD
05CLIFFT 138	CLIFF TOP
05CLINTO 138	CLINTON
05CLNCHR 138	CLINCH RIVER
05CLNLFD 138	CLINCHFIELD
05CLOVRD 138	CLOVERDALE
05CLOVRD 345	CLOVERDALE
05CLOVRD 500	CLOVERDALE
05CLOVRD 765	CLOVERDALE
05CLRDEQ 999	CLIFFORD
05CLYTR1 138	CLAYTOR
05CLYTR2 138	CLAYTOR
05CLYTR3 138	CLAYTOR
05CM TAP 138	CLINTON-MORSE TAP
05CNTRVL 138	CENTERVILLE
05CNTYLN 138	COUNTY LINE
05CNTYRD 138	County Road #4
05COALT 69.0	COALTON
05COLBY 138	COLBY
05COLBY 34.5	COLBY
05COLEEN 138	Colleen
05COLL T 138	Colleen Tap
05COLLCO 138	COLLEGE CORNER
05COLLIN 138	COLLINSVILLE
05COLNGW 345	COLLINGWOOD
05COLUMB 138	COLUMBIA
05COMBS 69.0	COMBS
05CONCOR 138	CONCORD
05CONES 345	CONESVILLE
05CONESE 138	CONESVILLE EAST
05CONESW 138	CONESVILLE WEST
05CONSOL 138	CONSOLIDATED COAL
05CONSTP 138	CONSOLIDATED COAL TAP
05CONVOY 345	Convoy
05COOK 345	COOK
05COOK 765	COOK
05COPPER 138	COPPER RIDGE
05COREY 138	COREY
05CORRBR 242	CORRIDOR BRIDGE CAPACITOR
05CORRID 138	CORRIDOR
05CORRID 345	CORRIDOR
05CORWIN 138	CORWIN
05COUNTY 138	COUNTYLINE
05COVNT 138	COVENTRY
05COVNTZ 138	COVENTRY TAP
05COY EQ 999	COREY
05CPTSEQ 999	CENTRAL PORTSMOUTH

05CROOKS 138	CROOKSVILLE
05CROSSS 138	CROSS STREET
05CRVERD 138	Curve Road
05CRYSTA 138	CRYSTAL
05CTYPLN 138	CITY PLANT
05CULLOD 765	CULLODEN
05CURRAN 138	Currant Road
05CURRY 138	CURRY
05DALEVI 138	DALEVILLE
05DALEWD 138	DALEWOOD
05DAMERN 138	DAMERON
05DANVL1 138	DANVILLE
05DANVL2 138	DANVILLE
05DARDEN 138	DARDEN
05DARRH1 138	DARRAH
05DARRH2 138	DARRAH
05DARWIN 345	Darwin
05DAVIDS 138	DAVIDSON
05DAWES 138	DAWES
05DCHEMP69.0	DOW CHEMICAL
05DEAR 269.0	DEARINGTON
05DEARIT69.0	DEARINGTON
05DEERCR 138	DEER CREEK
05DELANO 138	DELANO
05DELAWR 138	DELAWARE
05DELCOR 138	DELCO REMY
05DEQUIN 345	DEQUINE
05DERBY 138	DERBY
05DESOTO 138	DESOTO
05DESOTO 345	DESOTO
05DEWEY 138	DEWEY
05DEXTER 138	DEXTER
05DIAMND 138	DIAMOND
05DICKEN 138	DICKENS
05DINGES 138	DINGESS
05DLAWAR 138	DELAWARE
05DOGWOO 138	DOGWOOD RIDGE
05DORTON 138	DORTON
05DOVERT 138	DOVER TAP
05DRAGN 138	DRAGOON
05DRAGNZ 138	DRAGOON TAP
05DRBATR 138	DELCO BATTERY
05DRES DN 138	Dresden
05DREWER 138	DREWER
05DUBLIN 138	Dublin
05DUMEQ1 999	Dumont
05DUMEQ2 999	Dumont
05DUMONT 345	DUMONT
05DUMONT 765	DUMONT
05DUMONT17.3	Dumont
05DUMONT34.5	Dumont
05DUNLAP 138	DUNLAP
05DUPONT 138	DUPONT
05E HAVH69.0	EAST HAVERHILL
05E HUNT 138	EAST HUNTINGTON
05E LIMA 138	EAST LIMA

05E LIMA 345	EAST LIMA
05E LIVR 138	EAST LIVERPOOL
05E SIDE 138	EAST SIDE
05E WHEE 138	EAST WHEELERSBURG
05E.BEAR69.0	East Beaver
05E.BEAV 138	East Beaver
05E.BROA 138	EAST BROAD STREET
05E.LPSC 138	EAST LEIPSIC
05E.LYN 69.0	EAST LYNCHBURG
05E.LYNC 138	EAST LYNCHBURG
05E.LYNN 138	East Lynn
05E.MONU 138	EAST MONUMENT
05E.RIVE 138	EAST RIVER
05E.SIDE 138	EAST SIDE
05EAMSTD 138	EAST AMSTERDAM
05EASTOW 138	EASTOWN ROAD
05EDAN 1 138	EAST DANVILLE
05EDAN 2 138	EAST DANVILLE
05EDANV1 230	EAST DANVILLE
05EDANV2 230	EAST DANVILLE
05EDENSR 138	EDENS RIDGE
05EDGEMO 138	EDGEMONT
05EDGEWA 138	EDGEWATER
05EDGW Z 138	EDGEWATER TAP
05EDISON 138	EDISON
05EELKHA 138	EAST ELKHART
05EELKHA 345	EAST ELKHART
05EGE 138	EGE
05ELCHEQ 999	EAST LYNCHBURG
05ELCONA 138	ELCONA
05ELCONZ 138	ELCONA TAP
05ELIMA 13.2	EAST LIMA CONDENSOR
05ELIMEQ 999	EAST LIMA
05ELIOTZ 138	ELLIOT TAP
05ELKGAR 138	ELK GARDEN
05ELLIOT 138	ELLIOT
05EMERA8 138	EMERALD (ADAMS CO-OP)
05ENCONC 138	EAST NEW CONCORD
05ENGLER 138	ENGLE RIDGE
05EPOINT 138	East Point
05EPRESS46.0	EAST PRESTONSBURG
05EPROCT 138	EAST PROCTORVILLE
05EUGENE 345	EUGENE
05EWHTLY 345	East Whitley
05EWOOST 138	EAST WOOSTER
05EXCELT 138	Excel
05EXPREW69.0	EXPRESSWAY
05EZANEV 138	EAST ZANESVILLE
05FAIRCR 138	FAIRCREST
05FALCON46.0	FALCON
05FALCON69.0	FALCON
05FALL C 138	FALL CREEK
05FALL C 345	FALL CREEK
05FALLBR 138	FALLING BRANCH
05FAWN 69.0	Fawn
05FAYET8 138	FAYETTE (BUCKEYE CO-OP)

05FIFTH 138	FIFTH AVENUE
05FINDLC 138	FINDLAY CENTER
05FIRSTA 138	First Avenue
05FISHER 138	FISHER BODY
05FISHRD 138	FISHER ROAD
05FLATWO 138	FLATWOOD
05FLDAL1 138	FIELDALE
05FLEMI 69.0	FLEMING
05FLEMIN 138	FLEMING
05FLETCH 138	FLETCHERS RIDGE
05FLOYD 138	FLOYD
05FLTLCK 765	Flatlick
05FLWRFD 138	FLOWERFIELD
05FNDLYZ 138	FINDLAY
05FORDLI 138	FORD LIMA
05FOREST 138	FOREST
05FOSTER 765	Foster Falls
05FOSTOR 138	FOSTORIA CENTRAL
05FOSTOR 345	FOSTORIA CENTRAL
05FRANK3 138	FRANKLIN
05FRANK5 138	FRANKLIN
05FRANKN69.0	FRANKLIN FURNACE
05FRAZEY 138	FRAZEYSBURG
05FREMCT 138	FREMONT CENTER
05FREMO1 138	FREMONT
05FREMO2 138	FREMONT
05FRMNT 138	FREMONT
05FT.ROB 138	FORT ROBISON
05FULLER 138	FULLERTON
05FULTON 138	FULTON
05G WASH 138	GEORGE WASHINGTON
05G.BRAN 138	GRANT BRANCH
05G.W.IN 138	GEORGE WASHINGTON INDUSTRIAL
05GAHANN 138	GAHANNA
05GARDEC 138	GARDEN CREEK
05GASTON 138	GASTON
05GAVIN 765	GAVIN
05GAVIN1 138	GAVIN
05GAVINL 138	GAVIN
05GAY 138	GAY STREET
05GE TAP 138	GENERAL ELECTRIC TAP
05GENOA 138	GENOA
05GERMAN 138	GERMAN
05GLENL1 138	GLEN LYN
05GLENL2 138	GLEN LYN
05GLOBE 138	GLOBE METAL
05GM TRU 138	GENERAL MOTORS TRUCK PLANT
05GMPLAN 138	GENERAL MOTORS HYRAMATIC PLANT
05GOMING 138	GOMINGO
05GRABIL 138	GRABILL
05GRAHN 69.0	GRAHN
05GRANDV 138	GRANDVIEW
05GRANGE 138	GRANGER
05GRANT 138	GRANT
05GRASFO 138	GRASSY FORK
05GRASSH 138	GRASSY HILL

05GRASYF 138	GRASSY FORK
05GRAVES 138	GRAVES MILLS
05GRAYSB69.0	GRAYS BRANCH
05GRAYSO69.0	GRAYSON
05GRBLOP 138	GRABILL OHIO POWER
05GREENB 138	GREENBRIER
05GREENL 138	GREENLAWN
05GRIFFE 138	GRIFFIN WHEEL
05GRNGST 138	Grangston
05GRNTTA 138	GRANT TAP
05GRNTWN 765	GREENTOWN
05GROVES 138	GROVES
05GUARDN 138	GUARDIAN
05H.RIDG 138	HASH RIDGE
05HACIEN 138	HACIENDA
05HADDI 69.0	HADDIX
05HALES1 138	HALES BRANCH
05HALES2 138	HALES BRANCH
05HALLRD 138	HALL ROAD
05HANCK1 138	HANCOCK
05HANCK2 138	HANCOCK
05HANG R 765	HANGING ROCK
05HARBER 138	HARBERT METERING
05HARGUS 138	HARGUS
05HARPER 138	HARPER
05HARRIS 138	HARRISON
05HARTFO 138	HARTFORD
05HATFLD 138	HATFIELD
05HAVILN 138	HAVILAND
05HAYDEN 345	HAYDEN
05HAYWAR69.0	HAYWARD
05HAZAR269.0	HAZARD
05HAZAR-69.0	HAZARD
05HAZARD 161	HAZARD
05HAZELH 138	HAZEL HOLLOW
05HAZRD1 138	HAZARD
05HAZRD2 138	HAZARD
05HCREAN 138	HAP CREMEAN
05HEATH 138	HEATH
05HELECH69.0	Helechawa
05HESS 138	HESS
05HICKOR 138	HICKORY CREEK
05HIGHLA69.0	HIGHLAND
05HILL 138	HILL
05HILLCR 138	HILLCREST
05HILLSB 138	HILLSBORO
05HILLVI 138	HILLVIEW
05HINER 138	Hiner
05HINTON 138	HINTON
05HITCHI69.0	HITCHINS
05HNG RK 138	HANGING ROCK
05HNGRKZ 138	HANGING ROCK TAP
05HNOCEQ 999	HANGING ROCK
05HOCKNG 138	Hocking
05HODGIN 138	HODGIN
05HOGAN 138	HOGAN

05HOLST1	138	HOLSTON
05HOLST2	138	HOLSTON
05HOPKIN	138	HOPKINS
05HOPKRE	138	HOPKINS REACTOR
05HOWARD	138	HOWARD
05HUBTWN	138	HUBBARDSTOWN
05HUFFCK	138	HUFF CREEK
05HUFFMN	138	HUFFMAN
05HUMMEL	138	HUMMEL CREEK
05HUNT J	138	HUNTINGTON JUNCTION
05HUNTCT	138	HUNTINGTON COURT
05HUNTLE	138	HUNTLEY ROAD
05HYATT	138	HYATT
05HYATT	345	HYATT
05ILLINO	138	ILLINOIS ROAD
05INDDRV	138	INDUSTRY DRIVE
05INDEX	69.0	INDEX
05INDIAS	138	INDIAN SPRINGS
05INDPK	69.0	Industrial Park
05INDUSP	138	INDUSTRIAL PARK
05INEZ	138	INEZ
05INGSTR	138	INGLES STREET
05IRELAN	138	IRELAND
05ITMANN	138	ITMANN
05IVY HL	138	IVY HILL
05J.BRAN	138	JIM BRANCH
05J.EARL	138	JUBAL EARLY
05J.FERR	138	JACKSONS FERRY
05J.FERR	500	JACKSONS FERRY
05J.FERR	765	JACKSONS FERRY
05JACKS	69.0	JACKSON
05JACKSR	138	JACKSON ROAD
05JACKSR	345	JACKSONS ROAD
05JAY	138	JAY
05JEFRSO	765	JEFFERSON
05JKSNEQ	999	JACKSON ROAD
05JOCREQ	999	JOHNS CREEK
05JOHNMT	138	JOHNSON MOUNTAIN
05JOHNSC	138	JOHNS CREEK
05JOSHUA	138	JOSHUA FALLS
05JOSHUA	500	JOSHUA FALLS
05JOSHUA	765	JOSHUA FALLS
05JULIAN	138	JULIAN MINE
05K.O.CL	69.0	K.O.T. COAL CO.
05KAISER	138	KAISER (RAVENSWOOD)
05KAMMER	345	KAMMER
05KAMMER	765	KAMMER
05KAMMR1	138	KAMMER
05KAMMR2	138	KAMMER
05KAMMR3	138	KAMMER
05KANAWH	138	KANAWHA
05KANAWH	345	KANAWHA RIVER
05KANAWZ	345	KANAWHA RIVER
05KANKAK	138	KANKAKEE
05KARL	138	KARL
05KENDAL	138	KENDALLVILLE

05KENNY 138	KENNEY
05KENOVA 138	KENOVA
05KENWDP46.0	KENWOOD
05KENZIE 138	KENZIE CREEK
05KENZIE 345	KENZIE CREEK
05KEYSTN 345	KEYSTONE
05KIMBAL 138	KIMBALLTON
05KINCAI 138	KINCAID
05KIRCH 69.0	Kirch
05KIRK 138	KIRK
05KIRK 345	KIRK
05KIRKTA 138	KIRK TAP
05KLINE 138	KLINE
05KOPPER 138	KOPPERSTON
05KUMIS 138	KUMIS
05KYELEC 138	KENTUCKY ELECTRIC STEEL
05LACKES46.0	LACKEY
05LAKIN 138	LAKIN
05LANTRN 138	LANTERN PARK
05LAOTTO 138	LAOTTO
05LAPORT 138	LAPORTE
05LATTA869.0	Lattaville
05LAVALT 138	LAVALETTE
05LAWBRG 345	Lawrenceburg
05LAWCNT 230	Lawrence County
05LAWCNT 765	Lawrence County
05LAWEXP69.0	LAWYERS
05LAWSH869.0	Lawshe
05LCKWRD 138	LOCKWOOD ROAD
05LEBANO 138	LEBANON
05LEESVI 138	LEESVILLE
05LEON A 138	LEON
05LEONKY69.0	LEON
05LESLI 69.0	LESLIE
05LESLIE 161	LESLIE
05LESLIX 161	Leslie
05LICK 138	LICK
05LIGNR2 138	LIGONIER
05LIGONE 138	LIGONIER
05LIMAEN 138	Lima Energy
05LIMAGN 345	Lima Generating
05LIMAOR 138	LIMA ORDNANCE JUNCTION
05LINCOL 138	LINCOLN
05LINWOO 138	LINWOOD
05LINWRT 138	LINWORTH
05LIQCAR 138	LIQUID CARBONIC
05LOGAN1 138	LOGAN
05LOGAN2 138	LOGAN
05LOONEY 138	LOONEY CREEK
05LOVELY 138	LOVELY
05LOWESM 138	LONESOME PINE
05LS-II 138	LS-II CORPORATION
05LTV 138	REPUBLIC STEEL
05LYNN Z 138	LYNN
05M FUNK 138	MATT FUNK
05M FUNK 345	MATT FUNK

05M&B	138	MASSEY & BERWIND
05MADISO	138	MADISON
05MAGLEY	138	MAGLEY
05MAIN S	138	MAIN STREET
05MALVER	138	MALVERN
05MANORZ	138	Manor
05MARION	138	MARION
05MARN Z	138	MARION TAP
05MARQUI	345	MARQUIS
05MARQUI	765	MARQUIS
05MARROB	138	MARROWBONE
05MARTN1	138	MARTINSVILLE
05MARTN2	138	MARTINSVILLE
05MARYSV	345	MARYSVILLE
05MARYSV	765	MARYSVILLE
05MAYFIE	138	MAYFIELD
05MCKINL	138	MCKINLEY
05MCLUNG	138	MCCLUNG
05MCOMBS	138	MC COMBS
05MEADOW	138	MEADOWBROOK
05MEADWV	138	MEADOWVIEW
05MEDFOR	138	MEDFORD
05MEIG 1	138	MEIGS MINE 1
05MEIG 2	138	MEIGS MINE 2
05MEIG 8	138	MEIGS (BUCKEYE CO-OP)
05MEIG1Z	138	MEIGS SW
05MELMOR	138	MELMORE
05MERCER	138	MERCERVILLE TAP
05MERCER8	138	MERCERVILLE (BUCKEYE CO-OP)
05MERIDN	345	Meridian
05MERRIM	138	MERRIMAC
05METALC	138	Metal Container Corp.
05MIB1EQ	999	MILLBROOK
05MIB5EQ	999	MILLBROOK
05MIDDLR	46.0	MIDDLE CREEK
05MIDKIF	138	MIDKIFF
05MIER	138	MIER
05MIFFIN	138	MIFFLIN
05MILAN	138	MILAN
05MILES	138	MILES AVENUE
05MILLB	69.0	MILLBROOK
05MILLBO	34.5	MILLBROOK
05MILLBR	138	MILLBROOK PARK
05MILLSP	138	MILLERSPORT
05MILLWO	138	MILLWOOD
05MILPRD	138	MILLS PRIDE
05MILTON	138	MILTON
05MINNXM	138	MINNIX MOUNTAIN
05MK TAP	138	MORSE-KARL TAP
05MODOC	138	MODOC
05MONEL	138	MONEL
05MONETA	138	MONETA
05MONROA	69.0	MONROE
05MOORPK	138	MOORE PARK
05MOPKEQ	999	MOORE PARK
05MOREHE	69.0	MOREHEAD

05MORGAN 138	MORGANS CUT
05MORLAN 138	MORELAND DRIVE
05MORSE 138	MORSE ROAD
05MOSEL1 138	MOSELEY
05MOSEL2 138	MOSELEY
05MOTTV 138	MOTTVILLE
05MOTTVZ 138	MOTTVILLE TAP
05MOULTO69.0	MOULTON
05MOUND 138	MOUND STREET
05MOUNTN 765	MOUNTAINEER
05MOVLEQ 999	MOTTVILLE
05MTAIRY 138	MOUNT AIRY
05MTZION 230	Mount Zion
05MUDFRK 138	MUD FORK
05MULBRY 138	MULBURY
05MULLEN 138	MULLENS
05MULLIN 138	MULLIN
05MULLNV 138	MULLENSVILLE
05MUSKNG 138	MUSKINGUM RIVER
05MUSKNG 345	MUSKINGUM RIVER
05N CROW 138	NORTH CROWN CITY
05N HAVH69.0	NORTH HAVERHILL
05N PORT 138	NORTH PORTSMOUTH
05N WALD 138	NORTH WALDO
05N WELZ 138	WELCH
05NAGEL 138	NAGEL
05NAGEL 230	NAGEL
05NAGEL 500	NAGEL
05NATRIU 138	NATRIUM
05NBECKL 138	NORTH BECKLEY
05NBLACK 138	NORTH BLACKSBURG
05NBRSTL 138	NORTH BRISTOL
05NDELPH 138	NORTH DELPHOS
05NECANT 138	NORTHEAST CANTON
05NEFIND 138	NORHTEAST FINDLAY
05NEFINZ 138	NORTHEAST FINDLAY TAP
05NEW M869.0	New Market
05NEWCAR 138	NEW CARLISLE
05NEWCOM 138	NEWCOMERSTOWN
05NEWHOP 138	NEWHOPE
05NEWLDN 138	NEW LONDON
05NEWLIB 138	NEW LIBERTY
05NEWKRC 138	NEWARK CENTER
05NFINDL 138	NORTH FINDLAY
05NICKER 138	NICKERSON
05NLEXTN 138	NORTH LEXINGTON
05NMUSKG 138	NORTH MUSKINGUM RIVER
05NNEWAR 138	NORTH NEWARK
05NORTHL 138	NORTHLAND
05NPOINT 138	NORTH POINTE
05NPROCT 138	NORTH PROCTORVILLE
05NPROCT 765	NORTH PROCTORVILLE
05NPTSEQ 999	NORTH PORTSMOUTH
05NSTRAS 138	NORTH STRASBURG
05NTRDAM 138	NOTRE DAME
05NW LIM 138	NORTHWEST LIMA

05NWLCHZ 138	WEST WELCH
05NWOODC 138	NORTH WOODCOCK
05NZANEV 138	NORTH ZANESVILLE
05OAKLEV 138	OAKLEVEL
05OBETZ 138	OBETZ
05OHIOCT 138	OHIO CENTRAL
05OHIOCT 345	OHIO CENTRAL
05OHIOCX 138	Ohio Central
05OLIVE 138	OLIVE
05OLIVE 345	OLIVE
05OLIVEL69.0	OLIVE HILL
05OLIVEQ 999	OLIVE
05OLIVY113.2	OLIVE CONDENSOR
05ONTWA 138	ONTWA
05ONTWAZ 138	ONTWA TAP
05OPOSSC 138	OPOSSUM CREEK
05ORANGE 138	ORANGE
05ORANGE 765	ORANGE
05ORANGX 138	Orange
05ORBANK1 138	OREBANK
05ORBANK2 138	OREBANK
05ORMET 138	ORMET
05ORTIN 138	ORTIN
05OSOLO 138	OSOLO
05OSU 138	OHIO STATE UNIVERSITY
05OTTER 138	OTTER
05OXYGEN 138	OXYGEN
05PADFOR 138	PAD FORK
05PARKHI 138	PARK HILL
05PATRTR8 138	PATRIOT (BUCKEYE CO-OP)
05PEAKCK 138	PEAK CREEK
05PEAKLD69.0	PEAKLAND
05PEAKSE69.0	PEAKSVIEW
05PEAKVI 138	PEAKSVIEW
05PELFRE69.0	PELFREY
05PEMBRT 138	PEMBERTON
05PENDLE 138	PENDLETON
05PENHOK 138	PENHOKE
05PENNV1 138	PENNVILLE
05PERK Z69.0	PERKINS PARK
05PES EQ 999	PEAKSVIEW
05PETER869.0	Petersburg
05PETERM 138	PETERS MOUNTAIN
05PHILO 138	PHILO
05PHILPO 138	PHILPOT
05PICKR8 138	PICKERINGTON ROAD
05PIGEOV34.5	Pigeon River
05PINCKZ 138	PINE CREEK TAP
05PINECK 138	PINE CREEK
05PINERD 138	PINE ROAD
05PINNAC 138	PINNACLE CREEK
05PIPERS 138	PIPERS GAP
05PITTPL 138	PITTSBURG PLATE GLASS
05PITTST 138	PITTSTON
05PLYM.G69.0	PLYMOUTH HEIGHTS
05POAGES 138	POAGES MILL

05POCA	138	POCA
05POKAGO	138	POKAGON
05POLARS	138	POLARIS
05POPLAR	138	POPLAR FORK
05POSTON	138	POSTON
05POWELS	138	POWELSON
05PRAIA	69.0	Praiaie
05PRAXAR	138	PRAXAIR
05PREPTA	138	PREP PLANT TAP
05PRESTB	46.0	PRESTONSBURG
05PRINCS	69.0	PRINCESS
05PROMWY	138	PROMWAY
05RABER	138	Raber
05RADIAL	138	RADIAL
05RAGLDZ	138	RAGLAND
05RANDOL	138	RANDOLPH
05RAVEN	69.0	Raven
05REDH L	12.0	RED HILL
05REED	138	REED ROAD
05REEDCR	138	REEDY CREEK
05REEDUR	138	REEDURBAN
05REFORM	138	REFORM
05RENSFD	138	Rensford
05RES	138	ROANIKE ELECTRIC STEEL
05REUSE	34.5	REUSENS
05REUSE	69.0	REUSENS
05REUSE2	34.5	REUSENS
05REUSEN	138	REUSENS
05REYNOL	345	REYNOLDS
05RICHCT	69.0	RICHMOND CT (IMPA)
05RICHLA	138	RICHLAND
05RICHMO	138	RICHMOND
05RIDGWA	138	RIDGEWAY
05RIDGWX	138	Ridgeway
05RIDGWY	138	Ridgeway
05RIGIS	138	RIGIS
05RILEYC	138	RILEY CREEK
05RIO	138	RIO
05RIO Z	138	RIO TAP
05RIVERN	69.0	RIVERMONT
05RIVERS	138	RIVERSIDE
05RIVERV	138	RIVERVILLE (VIRGINIA FIBER)
05RIVRS	138	RIVERSIDE
05RO EQ3	999	ROSS
05ROANO1	138	ROANOKE
05ROANO2	138	ROANOKE
05ROB PK	138	ROBISON PARK
05ROB PK	345	ROBISON PARK
05ROBERT	138	ROBERTS
05ROBERT	345	ROBERTS
05ROBRT1	345	ROBERTS
05ROCKCA	138	ROCKCASTLE
05ROCKCR	138	ROCK CREEK
05ROCKHI	138	ROCKHILL
05ROCKPO	138	ROCKPORT (MIDWEST CO-OP)
05ROCKPT	765	ROCKPORT

05RONCVR 138	RONCEVERT
05ROSEHI 138	ROSEHILL
05ROSS 138	ROSS
05ROSS B69.0	Ross Lab
05ROYERT 138	ROYERTON
05RS TAZ69.0	Raven-Stuart Tap
05RUM CK 138	RUM CREEK
05RURALR 138	RURAL RETREAT
05RUSTBR 138	RUSTBURG
05RUTH 138	RUTH
05RUTLAN 138	RUTLAND
05RUTLED 138	RUTLEDGE
05S BEND 138	SOUTH BEND
05S CAD 138	SOUTH CADIZ
05S HICK 138	SOUTH HICKSVILLE
05S LUCA 138	SOUTH LUCASVILLE
05S POI 34.5	SOUTH POINT
05S POIN 138	SOUTH POINT
05S SIDE 138	SOUTH SIDE
05S.BLUE 138	SOUTH BLUEFIELD
05S.BTLR 345	SOUTH BUTLER
05S.LYNB69.0	SOUTH LUNCHBURG
05S.LYNC 138	SOUTH LYNCHBURG
05S.PRI1 138	SOUTH PRINCETON
05S.PRI2 138	SOUTH PRINCETON
05S.TIMK 138	SOUTH TIMKEN (RICHVILLE)
05SALT L46.0	SALT LICK
05SALTV1 138	SALTVILLE
05SALTV2 138	SALTVILLE
05SAWMIL 138	SAWMILL
05SBALTM 138	SOUTH BALTIMORE
05SBERWI 345	South Berwick
05SBLMVL 138	SOUTH BLOOINGVILLE
05SBUFLO 138	BUFFALO
05SCAD Z 138	SOUTH CADIZ TAP
05SCALDW 138	SOUTH CALDWELL
05SCANTE 138	South Canton
05SCANTO 345	SOUTH CANTON
05SCANTO 765	SOUTH CANTON
05SCANTW 138	South Canton
05SCHRIS 138	SOUTH CHRISTIANSBURG
05SCIOTI69.0	SCIOTO TRAIL
05SCIOTO 138	SCIOTO TRAIL
05SCIPPO 138	SCIPPO
05SCOSHC 138	SOUTH COSHOCTON
05SCOTSV 138	SCOTTSVILLE
05SCUMBL 138	SOUTH CUMBERLAND
05SEAMA 69.0	SEAMAN
05SEAMAN 138	SEAMAN
05SECANT 138	SOUTHEAST CANTON
05SECANT 345	SOUTHEAST CANTON
05SELMAP 138	SELMA PARKER
05SELWOO 138	SOUTH ELWOOD
05SEXTON 138	SEXTON
05SHANON 138	SHANNON
05SHARPL 138	SHARPLES

05SHARPR 138	SHARP ROAD
05SHAWNRR 138	SHAWNEE ROAD
05SHAWSV 138	SHAWSVILLE
05SHEFLD 138	SHEFFIELD
05SHELBY 138	SHELBY
05SHORT 138	SHORT HILL
05SILOA 69.0	SILOA
05SINKG8 138	SINKING SPRING (SOUTH CENTRAL CO-OP)
05SISSON 138	SISSON
05SKEGGB 138	SKEGGS BRANCH
05SKENTO 138	SOUTH KENTON
05SKIMMR69.0	SKIMMER
05SKINNR 138	SKINNER
05SLANCS 138	SOUTH LANCASTER
05SLCHEQ 999	SOUTH LYNCHBURG
05SMILLB 138	SOUTH MILLERSBURG
05SMITHM 138	SMITH MOUNTAIN
05SMYTH 138	SMYTH
05SNBRY 138	SUNBURY
05SODUS 138	SODUS
05SOHIOW 138	SOHIO WEST (BRITISH PETROLEUM)
05SOMERT 138	SOMERTON
05SORENS 138	SORENSEN
05SORENS 345	SORENSEN
05SOURWO 138	SOURWOOD
05SPDW Z 138	SPEEDWAY TAP
05SPDWY 138	SPEEDWAY
05SPICEW 138	SPICEWOOD
05SPN4EQ 999	SOUTH POINT
05SPORN 345	SPORN
05SPORNA 138	SPORN A
05SPORNB 138	SPORN B
05SPRIG1 138	SPRIGG
05SPRIG2 138	SPRIGG
05SPRING 138	SPRING CREEK
05SPRINK46.0	SPRING CREEK
05SPY RU 138	SPY RUN
05SSHORE 345	South Shore
05ST.ALB 138	ST. ALBANS
05ST.CLR 138	ST. CLAIR
05STARKE 138	STARKEY
05STATES 138	STATE STREET
05STDBKR 138	Studebaker
05STELZR 138	STELZER (ABBOTT LABS)
05STERLN 138	STERLING
05STEUBN 138	STEUBENVILLE
05STIFFI 138	SOUTH TIFFIN
05STINNE 161	STINNETT
05STMARY 138	ST. MARYS
05STMARZ 138	ST. MARYS
05STOCKT 138	STOCKTON
05STONBR 138	STONE BRANCH
05STONE 138	STONE
05STORON 138	SOUTH TORONTO
05STOTES 138	STOTESBURY
05STRLN2 138	STERLING

05STRODZ 138	STROUDS
05STROUD 138	STROUDS RUN
05STUART69.0	STUART
05STUBED69.0	Stubey Road
05STURGI69.0	STURGIS
05SUGARC 138	SUGAR CREEK
05SULFRS 138	SULPHUR SPRINGS
05SULLVA 765	SULLIVAN
05SULVN 138	SULLIVAN
05SULVNT 138	SULLIVANT
05SUMMER 138	SUMMERFIELD
05SUMMIT 138	SUMMIT
05SUMRTZ 138	SUMMERFIELD TAP
05SUNDIA 138	SUNDAIL
05SUNNNY 138	SUNNYSIDE
05SW LIM 138	SOUTHWEST LIMA
05SW LIM 345	SOUTHWEST LIMA
05SWITCH 138	SWITCHBACK
05SWITZE 138	SWITZER
05SWLMX1 138	Southwest Lima
05SWLMX2 138	Southwest Lima
05TACKCR 138	TACKETT CREEK
05TALCUM 138	Talcum
05TAMSM1 138	TAMS MOUNTAIN
05TAMSM2 138	TAMS MOUNTAIN
05TANKHL 138	TANKHILL
05TANNER 138	TANNERS CREEK
05TANNER 345	TANNERS CREEK
05TAYLOR 138	TAYLOR
05TAZEWE 138	TAZEWELL
05TENMIL 138	TENMILE
05TENNE1 138	TENNESSEE EASTMAN
05TENNE2 138	TENNESSEE EASTMAN
05TERREC 345	Terre Coupee
05TEXEAS 138	TEXAS EASTERN
05THAYER 138	THAYER ROAD
05THELMA 138	THELMA
05THELMA69.0	THELMA
05THIVEN 138	THIVENER
05THMAEQ 999	THELMA
05THORNT 138	THORTON
05TIDD 138	TIDD
05TIDD 345	TIDD
05TIFFIN 138	TIFFIN
05TILLMA 138	TILLMAN
05TILTON 138	TILTONSVILLE
05TIMKIN 138	TIMKEN (FAIRCREST)
05TOPMOS 138	TOPMOST
05TORREY 138	TORREY
05TRABUE 138	TRABUE
05TRAILF 138	TRAIL FORK
05TRCFOR 138	TRACE FORK
05TRENT 138	TRENT
05TRENTO 138	TRENTON
05TRIER 138	TRIER
05TRISTA 138	TRISTATE

05TRISTA	345	TRISTATE
05TURNE1	138	TURNER
05TURNE2	138	TURNER
05TWELVE	138	Twelve Pole Creek
05TWIN B	138	TWIN BRANCH
05TWIN B	345	TWIN BRANCH
05VAEYEQ	999	VALLEY
05VALLEY	138	VALLEY GROVE
05VALLY	138	VALLEY
05VANBUR	138	VAN BUREN
05VICCO	138	VICCO
05VICKER	138	VICKER
05VINE	138	VINE STREET
05VINTON	138	VINTON
05W CANT	138	WEST CANTON
05W DOVE	138	WEST DOVER
05W HUNT	138	WEST HUNTINGTON
05W LIMA	138	WEST LIMA
05W SIDE	138	WEST SIDE
05W.BASS	138	WEST BASSETT
05W.END	138	WEST END
05W.LIBE	138	WEST LIBERTY
05WAGENH	138	WAGENHALS
05WAKEFL	138	WAKEFIELD
05WALTOP	69.0	WALTON PARK
05WATERF	345	Waterford
05WAVERL	138	WAVERLY
05WAYNED	138	WAYNE DALE
05WAYNET	138	WAYNE TRACE
05WAYVIE	138	WAYVIEW
05WBELLA	138	WEST BELLAIRE
05WBELLA	345	WEST BELLAIRE
05WCAMBR	138	WEST CAMBRIDGE
05WCOSHC	138	WEST COSHOCTON
05WESDEL	138	WES-DEL
05WESTST	138	WEST STREET
05WHARTN	138	WHARTON
05WHARTZ	138	WHARTON
05WHEBRO	138	WEST HEBRON
05WHEELR	69.0	WHEELERSBURG
05WHELGS	138	WHEELING STEEL
05WILDC8	138	WILDCREEK (UNITED CO-OP)
05WILLGP	138	WILLIS GAP
05WILMGZ	138	WILMINGTON
05WILSNZ	138	WILSON
05WILSON	138	WILSON ROAD
05WKINGP	138	WEST KINGSPORT
05WLANCS	138	WEST LANCASTER
05WMILLP	138	WEST MILLERSPORT
05WMILLP	345	WEST MILLERSPORT
05WMILLS	138	WEST MILLERSBURG
05WMOULT	138	WEST MOULTON
05WMTVER	138	WEST MOUNT VERNON
05WNDSR8	138	WINDSOR
05WNEWT8	138	WEST NEWTON (UNITED CO-OP)
05WNPHEL	138	WEST NEW PHILADELPHIA

05WOLFHI 138	Wolf Hills
05WOLFHI 138	Wolf Hills
05WOODLA 138	WOODLAND
05WOOSTE 138	WOOSTER
05WPHILO 138	WEST PHILO
05WSALEM 138	WEST SALEM
05WSTRV3 138	Westerville
05WSTRVL 138	WESTERVILLE
05WTRNWX 138	WEST TRINWAY
05WURNO 138	WURNO
05WVYEQ1 999	WAVERLY
05WVYEQ2 999	WAVERLY
05WVWSTA69.0	WHITEWATER VALLEY (IMPA)
05WYOMIN 138	WYOMING
05WYOMIN 765	WYOMING
05WYOMX1 138	Wyoming
05WYOMX2 138	Wyoming
05WYTHE1 138	WYTHE
05WYTHE2 138	WYTHE
05YEARLG 138	TEARLING
05YELLMT 138	YELLOW MOUNTAIN
05ZANESV 138	ZANESVILLE
05ZUBER 138	ZUBER
06CLIFTY 138	CLIFTY CREEK
06CLIFTY 345	CLIFTY CREEK
06DEARB1 345	Dearborn
06DEARB2 345	Dearborn
06DOE530 345	DOE X-530
06DOE533 345	DOE X-533
06KYGER 345	KYGER CREEK
06PIERC1 345	Pierce
06PIERC2 345	Pierce
06SARGNT 138	SARGENTS
07ABYDEL69.0	ABYDEL 69KV
07AIRLIQ69.0	AIR LIQUID 69KV
07ALGIER69.0	ALGIERS 69KV
07ANDRSN69.0	ANDERSONVILLE EMERGENCY TIE 69KV
07AQUAL369.0	AIR QUALITY-3 69KV
07BANDON69.0	BANDON 69KV
07BEDFRD 161	BEDFORD 161KV
07BEECHW69.0	BEECHWOOD 69KV
07BG_CDR69.0	BIG CEDAR
07BGCDRJ69.0	BIG CEDAR JUNCTION 69KV
07BLCK_B69.0	BLACK BEAUTY MINE
07BLMFDT69.0	BLOOMFIELD TAP 69KV
07BLMFLD69.0	BLOOMFIELD 69KV
07BLMGRV69.0	BLOOMING GROVE 69KV
07BLOMNG 345	HE BLOOMINGTON 345KV
07BLU_CK69.0	BLUE CREEK
07BOYD_J69.0	BOYD JUNCTION 69KV
07BRDFRD69.0	BRADFORD 69KV
07BRISTW 161	BRISTOW 69KV
07BRUCVL69.0	BRUCEVILLE 69KV
07BRWRVL69.0	BREWERSVILLE 69KV
07BRWVLT69.0	BREWERSVILLE TAP 69KV
07BUECLR69.0	BUECHLER 69KV

07CALVRT69.0 CALVERT 69KV
07CARLIL69.0 CARLISLE 69KV
07CARTHA69.0 CARTHAGE 69KV
07CHAILX69.0 CHAILLAUX 69KV
07CHAMBG69.0 CHAMBERSBURG TIE 69KV
07CHRN_T69.0 CHRISNEY TAP
07CHRNEY69.0 CHRISNEY 69KV
07CLY_CY69.0 CLAY CITY
07CMBCKJ69.0 CUMBACK JUNCTION 69KV
07CONRVL69.0 CONNERSVILLE TIE 69KV
07CONVIL69.0 CONNERSVILLE 69KV
07CORYDN69.0 CORYDON 69KV
07CRANE 69.0 CRANE 69KV
07CUMBAC69.0 CUMBACK 69KV
07DABNEY69.0 DABNEY 69KV
07DABNYJ69.0 DABNEY JUNCTION 69KV
07DAVIS 69.0 DAVIS 69KV
07DCKR_E69.0 PSI DECKER EAST
07DECK_T69.0 DECKER TAP
07DECKER69.0 DECKER 69KV
07DILBOR69.0 DILLSBORO 69KV
07DOGWOD69.0 DOGWOOD 69KV
07DUB_TP69.0 DUBOIS TAP
07DUBOIS69.0 DUBOIS 69KV
07E.ENTR69.0 EAST ENTERPRISE 69KV
07ECKRTY69.0 ECKERTY 69KV
07ECKY_T69.0 ECKERTY TAP
07ELIZBH69.0 ELIZABETH 69KV
07ELROD 69.0 ELROD 69KV
07ESEX_W69.0 ESSEX WIRE
07ESLVIN69.0 EAST SULLIVAN 69KV
07FAIRV8 138 HE FAIRVIEW 138KV
07FAIRVW69.0 FAIRVIEW 69KV
07FERDND69.0 FERDINAND 69KV
07FRAN_T69.0 FRANCISCO TAP
07FRELND69.0 FREELANDVILLE 69KV
07FRICTN69.0 FRITCHTON 69KV
07FRLD_T69.0 FREELANDVILLE TAP
07FRMBRG69.0 FARMERSBURG 69KV
07FRN_LK69.0 FRENCH LICK
07FRNCSC69.0 FRANCISCO 69KV
07FRNK_T69.0 FRENCH LICK TAP
07FVEPTS69.0 FIVE POINTS 69KV
07FVSTAR69.0 FIVE STAR MINE 69KV
07GLENDL69.0 GLENDALE 69KV
07GLENWD69.0 GLENWOOD JUNCTION 69KV
07GLNDLT69.0 GLENDALE TAP 69KV
07GPC 161 GRAIN PROCESSING CENTER 161KV
07GRAHAM69.0 GRAHAM 69KV
07GRENVL69.0 GREENVILLE 69KV
07GRFN_T69.0 GRIFFIN TAP
07GRG_TN69.0 GEORGETOWN
07GRHM_T69.0 GRAHAM TAP
07GRIFIN69.0 GRIFFIN 69KV
07G-TOWN 138 HE GEORGETOWN 138KV
07G-TOWN69.0 GEORGETOWN PRIMARY LOWSIDE 69KV

07HNTB_T69.0	HUNTINGBURG TAP
07HUBBEL69.0	HUBBELL 69KV
07HUBBL8 138	HE HUBBELL 138KV
07HUNTBG69.0	HUNTINGBURG 69KV
07HZLTON69.0	HAZELTON 69KV
07INDCRK69.0	INDIAN CREEK
07INTATJ69.0	Intat Junction Switch
07IRELAN69.0	Ireland Substation
07IRELND69.0	IRELAND 69KV
07KELLER69.0	KELLER 69KV
07KLLRVL69.0	KELLERVILLE 69KV
07KLRV_T69.0	KELLERVILLE TAP 69KV
07KNG_SW69.0	KINGSTON SWITCH STATION
07L_CDR 69.0	LITTLE CEDAR
07LANVIL69.0	LANESVILLE 69KV
07LCPGD113.8	LAWRENCE COUNTY CT BANK #1 13.8KV
07LCPGD213.8	LAWRENCE COUNTY CT BANK #2 13.8KV
07LCPGD313.8	LAWRENCE COUNTY CT BANK #3 13.8KV
07LCPGD413.8	LAWRENCE COUNTY CT BANK #4 13.8KV
07LCPGD513.8	LAWRENCE COUNTY CT BANK #5 13.8KV
07LCPROJ 161	Lawrence County CT Station
07LEIPSI69.0	LEIPSIC 69KV
07LOGAN 69.0	LOGAN 69KV
07LOKOUT69.0	LOOKOUT SUBSTATION
07LYNS_T69.0	LYONS TAP
07LYONS 69.0	LYONS 69KV
07MAHAN 69.0	MAHAN 69KV
07MAHANJ69.0	MAHAN JUNCTION 69KV
07MAPCO 69.0	MAPCO MINE 69KV
07MARENG69.0	MARENGO 69KV
07MAUKPT69.0	MAUCKPORT TAP 69KV
07MCKPRT69.0	MAUCKPORT 69KV
07MDLTNT69.0	MIDDLETOWN TAP 69KV
07MDLTWT69.0	MIDDLETOWN 69KV
07MEROM5 345	HE MEROM 345KV
07METMRA69.0	METAMORA JUNCTION 69KV
07MEX_BM69.0	MEXICO BOTTOMS
07MIDLTN69.0	MIDDLETOWN 69KV
07MIDWAY69.0	Midway Switching Station 69 kv
07MNR_TP69.0	MONROE TAP
07MNRO_C69.0	MONROE CITY
07MRM_D 69.0	MEROM DISTRIBUTION
07MRM_PR69.0	MEROM PRI 69KV
07MRM_TP69.0	MEROM TAP
07N.VERN69.0	NORTH VERNON 69KV
07NAP_6969.0	NAPOLEON PRI 69KV
07NAPOL1 161	HE NAPOLEON 161KV
07NAPOL8 138	HE NAPOLEON 138KV
07NEW_PT69.0	NEW POINT
07NW_HAV69.0	NEW HAVEN
07NWTNVL 161	Newtonville Substation
07ODON 69.0	ODON 69KV
07ODON_T69.0	ODON TAP
07ORANGE69.0	ORANGE 69KV
07OWNVIL69.0	OWENSVILLE 69KV
07PALMYR69.0	PALMYRA JUNCTION 69KV

07PEPRTN69.0	PEPPERTOWN 69KV
07PIONER69.0	PIONEER 69KV
07PLSANT69.0	PLEASANT 69KV
07PNR_SW69.0	PIONEER SWITCH
07POSYVL69.0	POSEYVILLE 69KV
07PRNCTN69.0	PRINCETON 69KV
07PVCOAL69.0	PV COAL 69KV
07RAMSEY69.0	RAMSEY PRIMARY LOWSIDE 69KV
07RAMSY 69.0	RAMSEY 69KV
07RAMSY5 345	HE RAMSEY 345KV
07RAT_1 69.0	RATTS PRI #1 69KV
07RAT_2 69.0	RATTS PRI #2 69KV
07RATTAP 138	HE RATTS 138KV
07RATTS 161	HE RATTS 161KV
07RATTS8 138	HE RATTS 138KV
07RHILTP69.0	ROSE HILL TAP 69KV
07ROSE_T69.0	ROSEBURG TAP
07ROSEBG69.0	ROSEVURG 69KV
07ROSHIL69.0	ROSE HILL 69KV
07S.ANTY69.0	SAINT ANTHONY 69KV
07S_KNOX69.0	SOUTH KNOX
07SANTEE69.0	SANTEE 69KV
07SCT_CY69.0	SCOTT CITY
07SCTLND69.0	SCOTLAND 69KV
07SEL_TP 161	Selmier Tap 161kV
07SELMIR 161	Selmier Primary Substation 161kV
07SELMIR69.0	Selmier Primary Substation 69kV
07SEXTON69.0	SEXTON 69KV
07SKNX_T69.0	SOUTH KNOX TAP
07SOLAR 69.0	SOLAR MINE 69KV
07SPV_SW69.0	Spring Valley Switch
07STAT6969.0	STAUTON PRIMARY LOWSIDE 69KV
07STAUTN 138	STAUTON PRIMARY HIGHSIDE 138KV
07STRYVL69.0	STEARLEYVILLE 69KV
07SUL_SW69.0	SULLIVAN SWITCH
07SUL_TP69.0	SULLIVAN TAP
07SUNAMN69.0	SUNMAN 69KV
07SWTZ_C69.0	SWITZ CITY
07TAS_2 69.0	TASWELL PRI #2 69KV
07TASWL1 161	HE TASWELL 161KV
07TEL_CY69.0	TELL CITY
07TOWER 69.0	TOWER 69KV
07TRI TP69.0	TRIAD TAP
07TROY 69.0	TROY
07TRY_6969.0	TROY PRIMARY 69KV
07TRY161 161	TROY PRIMARY 161KV
07UNION 69.0	UNION 69KV
07VALEEN69.0	VALEEN 69KV
07VCKSBG69.0	VICKSBURG 69KV
07VERSLJ69.0	VERSAILLES JUNCTION 69KV
07VIC161 161	Victory 161 kV Bus
07VICTRY69.0	VICTORY 69KV
07VINCEN69.0	VINCENNES 69KV
07WAP_HE69.0	WAUPACA HE
07WATRLO69.0	WATERLOO 69KV
07WAUPTP69.0	WAUPACA TAP

07WHIT_J69.0	WHITE JCT.
07WINFLD69.0	WINFIELD 69KV
07WLTN_C69.0	WHELTON CHAPEL
07WORTH 161	WORTHINGTON PRIMARY 161KV
07WORTH113.8	Worthington Williams CT Station Bank 1
07WORTH213.8	Worthington Williams CT Station Bank 2
07WORTH313.8	WORTHINGTON CT BANK #3
07WORTH413.8	WORTHINGTON CT BANK #4
07WORTH8 138	HE WORTHINGTON 138KV
07WORTHN 345	WORTHINGTON PRIMARY 345KV
07WRTHG 69.0	WORTHINGTON PRIMARY LOWSIDE 69KV
07WSLVIN69.0	WEST SULLIVAN 69KV
07YRKVIL69.0	YORKVILLE 69KV
08 GEIST69.0	Geist 69kV
08 WHITE69.0	Whitestown 69kV
0812STJT69.0	12th St. Jct. 69kV
085PTBK1 138	FIVE POINTS BANK 1
08ACHLTZ69.0	AICHOLTZ 69.0
08AESTLE 138	A. E. Staley
08AGSTNE 138	AUGSTINE 138.0
08AIRDJ 138	Airport Road Jct
08AIRPRT 138	Airport Road
08AIRWEJ 138	Airwest Junction 138kV
08AKSTL 69.0	Ak Steel
08AKSTL1 138	AKSTEEL1 138.0
08AKSTL2 138	Ak Steel
08ALCOAJ 138	Alcao Junction 138kV
08ALENJ2 138	Allendale Jct 2
08ALENJT 138	Allendale Jct 1
08AMANDA69.0	AMANDA 69.0
08AMAXCH 138	Amax Chinook
08AMELIA69.0	AMELIA 69.0
08AMO 345	Amo
08AMO69 69.0	Amos 69kV
08ANCNDA 138	Anaconda
08APEXTR 138	Applied Extrusion Technologies
08ARSENJ 138	Arsenal Jct
08ASHDM769.0	ASHLAND M7 69.0
08ASHLD569.0	Ashland 5 69.0 kV
08ASHLD7 138	ASHLAND 7 138.0
08ASHLD8 138	Ashland 8
08ASTRIA69.0	ASTORIA 69.0
08ATI23069.0	Attica 230-69kV
08ATTI2369.0	Attica 69kV
08ATTI6969.0	Attica 69kV
08ATTICA 230	Attica 230 kV
08AVERIT69.0	Averitt 69kV
08AYSHIJ 138	Ayrshire Jct
08AZALIA69.0	Azalia 69kV
08BARDAM69.0	BARR DAM 69.0
08BATE N69.0	Batesville North 69kV
08BATESV 138	BATESVILLE
08BATESV 345	BATESVILLE
08BCKJD213.8	BECKJORD 2 13.8
08BCKJD318.0	BECKJORD 3 18.0
08BCKJD418.0	BECKJORD 4 18.0

08BCKJD522.0	BECKJORD 5 22.0
08BCKJD624.0	BECKJORD 6 24.0
08BCKNLJ69.0	Bicknell Jct. 69kV
08BEANJT69.0	Bean Blossom Jct. 69kV
08BEAVR169.0	Beaver 1
08BEAVR269.0	Beaver 2
08BEAVR369.0	Beaver 3
08BECJD113.8	BECKJORD 1 13.8
08BED G118.0	Bedford G1 18.0
08BED G218.0	Bedford G2 18.0
08BED G318.0	Bedford G3 18.0
08BED MP 345	Bedford Merchant Plant 345kV
08BED N1 345	Bedford 345kV
08BED N218.0	Bedford N2 18.0
08BED N318.0	Bedford N3 18.0
08BED S113.8	Bedford S1 13.8kV
08BED S213.8	Bedford S2 13.8kV
08BED S313.8	Bedford S3 13.8kV
08BEDFRD 138	BEDFORD
08BEDFRD 345	BEDFORD
08BEDFRD69.0	Bedford 69kV
08BEDMP1 345	Bedford MP1 345kV
08BEDMP2 345	Bedford MP2 345kV
08BELVUE 138	BELLVUE 138.0
08BEN 138	Old Ben Coal Co. Westfield 138kV
08BENJT 138	Old Ben Coal 138kV
08BETHNY 138	BETHANY 138KV
08BKJ135 138	BECKJORD 135 138.0
08BKJ246 138	BECKJORD 246 138.0
08BKJORD69.0	BECKJORD 69.0
08BLARVL69.0	Blairville 69.0 kV
08BLMEAD69.0	Bloomington Meadow Park 69kV
08BLMFIE69.0	Bloomington 69kV
08BLMNGT 138	BLOOMINGTON
08BLMNGT14.4	Bloomington
08BLMROG69.0	Bloomington Rogers St. 69kV
08BLMTN 138	Bloomington 138kV
08BLMTON69.0	Bloomington 69kV
08BLMWST 138	Bloomington West
08BLMWST69.0	Bloomington West 69kV
08BLOMNW 138	Bloomington North West
08BLOOM 230	BLOOMINGTON
08BRAZIL69.0	BRAZIL 69kV
08BRAZLE69.0	Brazil East 69kV
08BRIGT469.0	Brighton 4
08BRINGH69.0	Bringinghurst 69kV
08BRKLYN69.0	Brooklyn 69kV
08BRKSRE69.0	Berkshire 69.0 kV
08BRNTJT 138	Burnett Jct
08BRONM169.0	BROWN M1 69.0
08BROOKJ69.0	Brookville Junction 69kV
08BROWER69.0	Brower 69.0 kV
08BROWN 138	BROWN 138KV
08BROWN 69.0	BROWN 69KV
08BRWNSB69.0	Brownsburg 69kV
08BTHLEA 138	Bethlehem

08BUFFM169.0	BUFFINGTON M1 69.0
08BUFFM269.0	BUFFINGTON M2 69.0
08BUFTN1 138	BUFFINGTON 1 138.0
08BUFTN1 345	Buffington 1 345 kV
08BUFTN169.0	BUFFINGTON 1 69.0
08BUFTN2 138	Buffington 2
08BUFTN2 345	Buffington Bus 2 345kV
08BUFTN269.0	BUFFINGTON 2 69.0
08BURNS 69.0	BURNS 69.0
08BURROW69.0	Burrows 69kV
08CADIZ 138	Cadiz
08CADIZ 69.0	Cadiz 69kV
08CAR JT 230	Carmel Jct
08CAR146 230	Carmel 146th ST
08CARMEL 138	Carmel 138kV
08CAY 1313.8	Cayuga Trans. Internal Bus
08CAY CT 345	CAYUGA COMBUSTION TURBINE
08CAY1 18.0	Cayuga Generator Unit #1 18 kV
08CAY2 18.0	Cayuga Generator Unit #2 18 kV
08CAYCT413.8	Cayuga CT4 13.8kV
08CAYSTA69.0	Cayuga Station 69kv
08CAYSUB 345	Cayuga Substation
08CAYUGA 230	CAYUGA STATION
08CAYUGA 345	CAYUGA STATION
08CDRVL1 138	CEDARVILLE 1 138.0
08CDRVL2 138	Cedarville 2
08CELOTX69.0	Celotex
08CENMCM69.0	Centerville Mcminn Rd. 69kV
08CENTVL69.0	CENTERVILLE
08CF IND 138	C. F. Industries
08CHRLEJ69.0	Charleston Jct. 69kV
08CHRLES 138	CHARLES 138.0
08CHRYN169.0	Chrysler North Bus 1 69kV
08CHRYN369.0	Chrysler North Bus 2 69kV
08CHRY1 138	Kokomo Chrysler South Bus 1 138kV
08CHRY2 138	Kokomo Chrysler South Bus 2 138kV
08CHRY269.0	Chrysler 2 69kV
08CHRY3 138	Kokomo Chrysler South Bus 3 138kV
08CHRY3J69.0	Chrysler Jct. 69kV
08CHSTNT69.0	Chestnut Ridge 69kV
08CHSTR169.0	CHESTER 1 69.0
08CHSTR269.0	Chester 2
08CINGER69.0	Cincinnati Gear
08CINWW169.0	Cincinnati Water Works 1 69.0 kV
08CINWW269.0	Cincinnati Water Works 2
08CLARK 230	CLARK 230.0
08CLINT 230	CLINTON 230.0
08CLINTN69.0	Clinton 69kV
08CLK MR 138	Clark Maritime 138kV
08CLKMRJ 138	Clark Maritime Junction 138kV
08CLNTJT69.0	Clinton Junction 69kV
08CLNTN169.0	Clinton 1 69kV
08CLNTN269.0	Clinton 2 69kV
08CLNTN369.0	Clinton 3 69kV
08CLNVM169.0	COLLINSVILLE M1 69.0
08CLOVDL 138	Cloverdale

08CLOVDL69.0	Cloverdale 69kV
08CLRKSV 138	Clarksville 138kV
08CLRKSV69.0	Clarksville 69kV
08CLRKTP69.0	Clarksville Tap 69kV
08CLRMT1 138	CLERMONT 1 138.0
08CLRMT169.0	CLERMONT 1 69.0
08CLRMT2 138	Clermont 2
08CLRMT269.0	Clermont 2
08CLRTM169.0	CLERMONT M1 69 KV
08CLRTM269.0	Clermont midpoint 2
08CLRYV169.0	Claryville 1 69 kV
08CLRYV269.0	Claryville 2 69 kV
08CLVRDL34.5	Cloverdale 34.5kV
08CMMSVL 138	CUMMINGSVILLE 138.0
08CN30TH69.0	Connersville 30th 69kV
08CNCRD1 138	Lafayette Concord Road Bus 1 138kV
08CNCRD2 138	Lafayette Concord Road Bus 2 138kV
08CNITJ1 138	Central Nitrogen Jct
08CNSTNC 138	CONSTANCE 138.0
08CNSTNC69.0	Constance 69.0 kV
08CNTRAS69.0	Contreas 69.0 kV
08CNTRL169.0	CENTRAL 1 69 KV
08CNTRL269.0	Central 2
08CNTRTN69.0	CENTERTON 69.0
08COL N 230	Columbus
08COLBK414.4	Columbus 4 14.4
08COLDSP 138	COLD SPRING 138KV
08COLDSP69.0	Cold Springs 69.0 kV
08COLE2569.0	Columbus East 25th St. 69kV
08COLINV 138	COLINSVILLE 138.0
08COLINV69.0	COLLINSVILLE 69.0
08COLMBU 138	COLUMBUS
08COLMBU 230	COLUMBUS
08COLMBU 345	COLUMBUS
08COLMBU69.0	COLUMBUS
08COLMCH69.0	Columbus Michigan Ave. 69kV
08COLNRC69.0	Colerain Butler RECC 69 kV
08COLNRT69.0	Columbus North 69kV
08CON B469.0	Connersville TB4 69kV
08CON IL69.0	Connersville 69kV
08CONERV 138	CONNERSVILLE
08CONERV69.0	Conersville 69.0
08CONNSV14.4	Connersville 14.4kV
08CONSJ269.0	Connersville Jct. 69kV
08CONSVL34.5	Connersville 34.5kV
08CONTAP69.0	Connersville Tap 69kV
08CONVRS69.0	Connersville 69kV
08COOPER 138	COOPER 138KV
08CPE JT69.0	Cope Jct. 69kV
08CPE TP69.0	Cope Tap 69kV
08CRAN J69.0	Crane Jct. 69kV
08CRAWF 138	CRAWFORD 138.0
08CRAWMU 138	Crawfordsville Muni
08CRITDN69.0	Crittenden 69.0
08CRLISL 138	CARLISLE 138.0
08CRLISL69.0	CARLISLE 69.0

08CRLM2 69.0	CARLISLE M2 69.0
08CRM14669.0	Carmel 146th St. 69kV
08CRNEL1 138	CORNELL 1 138
08CRNEL4 138	Cornell 4 138 kV
08CRNLTP 138	CORNELL TAP 138.0
08CRSNT1 138	CRESCENT 1 138.0
08CRSNT2 138	Crescent 2
08CRSNT3 138	Crescent 3
08CRYSTL69.0	Crystal
08CUMBAV 138	Columbus Ave
08D.CRK110.0	Dicks Creek Unit 1
08D.CRK2 138	Dicks Creek Bus
08D.CRK313.0	Dicks Creek unit 3
08D.CRK413.0	Dicks Creek Unit 4
08D.KIRC69.0	D. Kirschner and Sons
08DANVIL69.0	Danville 69kV
08DANVLJ69.0	Danville Jct. 69kV
08DARTWN69.0	Darrrtown 69.0 kV
08DAYTEC69.0	Dayton Technologies
08DCRTAP69.0	DICKS CREEK TAP 69.0
08DECRSY69.0	DECOURSEY 69.0
08DEDSVL69.0	Deedsville 69kV
08DEEDSV 345	DEEDSVILLE
08DEEDSV69.0	DEEDSVILLE
08DELBK2 138	Delco Bk2
08DELCO 138	KOKOMO DELCO 138.0
08DELHI 69.0	DELHI 69.0
08DENOIS 230	DENOIS CREEK 230.0
08DENS C69.0	Denois Creek 69kV
08DERPK1 138	DEER PARK 1 138.0
08DERPK2 138	Deerpark 2
08DESTEC18.0	DESTEC 18.0kV
08DILMAN 138	Dillman Road
08DIMICK 138	DIMMICK 138KV
08DIXIE169.0	DIXIE 1 69.0
08DIXIE269.0	Dixie 2
08DLPH W69.0	Delphi Wells St. 69kV
08DNLSN1 138	DONALDSON 1 138.0
08DNLSN2 138	Donaldson 2
08DRESSR 138	DRESSER
08DRESSR 345	DRESSER
08DRESSR69.0	DRESSER 69 kV
08DRLNGT69.0	Darlington 69kV
08DRSSER34.5	Dresser 34.5kV
08DRYCRK69.0	Drycreek 69.0
08DUFF 345	Duff substation 345kV
08EBEND 345	EAST BEND 345.0
08EBENM569.0	EAST BEND M5 69.0
08EBENM669.0	EAST BEND M6 69.0
08EBND2 20.0	EAST BEND 2 20.0
08EBNZR169.0	EBENEZER 1 69.0
08EBNZR269.0	Ebenezer 2
08EBNZR5 138	EBENEZER 5 138.0
08EBNZR6 138	Ebenezer 6
08EDINBJ69.0	Edinburg Junction 69kV
08EDNBRG69.0	Edinburg 69kV

08EDS6 13.8 Edwardsport Generator Unit #6 13.8 kV
08EDS7 13.8 Edwardsport Generator Unit #7 13.8 kV
08EDS8 13.8 Edwardsport Generator Unit #8 13.8 kV
08EDSPRT69.0 Edwardsport 69
08EDWDPR34.5 Edwardsport 34.5kV
08EDWRDS 138 EDWARDSPORT STATION
08EKDEVN69.0 East Kentucky Devon 69 kV
08EKDOWN69.0 Ek Downing
08EKSMTH69.0 East Kentucky Smith
08ELETJ269.0 Ellettsville Jct.69kV
08ELETJV69.0 Ellettsville 69kV
08EMPIRE69.0 Empire 69kV
08EMRALD69.0 Emerald 69kV
08EMWDM669.0 ELMWOOD M6 69.0
08EMWOD1 138 ELMWOOD 1 138.0
08EMWOD169.0 ELMWOOD 1 69 KV
08EMWOD269.0 ELMWOOD 2 69 KV
08EMWOD6 138 Elmwood 6
08ERLNER69.0 Erlanger 6
08ESTWD1 138 EASTWOOD 1 138.0
08ESTWD2 138 Eastwood 2
08EVDLM169.0 EVENDALE M1 69.0
08EVDLM269.0 EVENDALE M2 69.0
08EVNDL1 138 EVENDALE 1 138.0
08EVNDL169.0 EVENDALE1 69.0
08EVNDL2 138 EVENDALE 2 138.0
08EVNDL269.0 EVENDALE 2 69.0
08FAIRVW 138 FAIRVIEW
08FARFAX69.0 FAIRFAX 69.0
08FARMSJ 138 H.E. Farmersburg Junction 138kV
08FINTWN 138 FINNEYTOWN 138.0
08FIVE P 230 Five Points 230kv
08FLDMN1 138 FELDMAN 1 138.0
08FLDMN2 138 Feldman 2
08FLEX J69.0 Flexel Jct. 69kV
08FLEXEL69.0 Flexel 69kV
08FLICTY69.0 FELICITY 69.0
08FLRNC1 138 FLORENCE 1 138.0
08FLRNC2 138 Florence 2
08FLT RC69.0 Flat Rock 69kV
08FNT CI69.0 Fountain City 69kV
08FOSTER 138 FOSTER 138KV
08FOSTER 345 FOSTER 345KV
08FOUNTJ69.0 Fountain Junction 69kV
08FRAITU 138 Friar Tuck
08FRAK B69.0 Frankfort Burlington St. 69kV
08FRANKN69.0 Franklin 69kV
08FRDBT1 138 Ford Batavia 1
08FRDBT2 138 Ford Batavia 2
08FRDSH169.0 Ford Sharonville 1
08FRDSH269.0 Ford Sharonville 2
08FRFDM269.0 FAIRFIELD M2 69.0
08FRFLD 69.0 FAIRFIELD 69.0
08FRFLD1 138 FAIRFIELD 1 138.0
08FRFLD2 138 Fairfield 2
08FRFLD3 138 Fairfield 3

08FRGSN169.0	Ferguson 1
08FRGSN269.0	Ferguson 2
08FRKLN169.0	FRANKLIN 1 69.0
08FRKLN269.0	Franklin 2
08FRLICK 138	French Lick
08FRLNDJ69.0	Fairland Jct. 69kV
08FRNCK 69.0	Francis Creek 69kV
08FRNKFT 230	FRANKFORT 230.0
08FRNKLN 230	FRANKLIN 230.0
08FRSYTH69.0	Forsythe 69kV
08FRT JT 138	Fruitridge Jct
08FRTRDG 138	Fruitridge
08FTRM11 138	FOSTER M11 138.0
08FVEP2 138	FIVE POINTS BANK 2
08GALAGH 138	GALLAGHER STATION
08GALAGH 230	GALLAGHER STATION
08GALL1 18.0	Gallagher Generator Unit #1 18 kV
08GALL2 18.0	Gallagher Generator Unit #2 18 kV
08GALL3 18.0	Gallagher Generator Unit #3 18 kV
08GALL4 18.0	Gallagher Generator Unit #4 18 kV
08GASTON69.0	Gaston 69.0 kV
08GBRWSH69.0	Greensburg Washington St. 69kV
08GCSTJ2 138	Greencastle Jct 2
08GEIST 230	GEIST 230 KV
08GEN*S 69.0	General Electric North and South
08GFDFJT 138	Greenfield Jct
08GIB 138	GIBSON STATION
08GIB1 24.0	Gibson Generator Unit #1 24 kV
08GIB2 24.0	Gibson Generator Unit #2 24 kV
08GIB3 24.0	Gibson Generator Unit #3 24 kV
08GIB4 24.0	Gibson Generator Unit #4 24 kV
08GIB5 24.0	Gibson Generator Unit #5 24 kV
08GIBSON 345	GIBSON STATION
08GILMRE69.0	Gilmore 69.0 kV
08GLNDLE69.0	LENDALE 69.0
08GLNVW1 138	GLENVIEW 1 138.0
08GLNVW2 138	Glenview 2
08GNCSTJ 138	Greencastle Jct
08GNCSTL 138	Greencastle
08GNCSTL69.0	Greencastle 69 kV
08GOLFMR 138	GOLFMANOR 138.0
08GRANDJ69.0	Grand Junction 69kV
08GRANT 69.0	Grant 69.0 kV
08GRDALE 138	GREENDALE
08GREENS69.0	Greensburg 69kV
08GREENV69.0	Greenville 69kV
08GRGTWN69.0	GEORGTOWN 69.0
08GRN VY 138	Greenwood Valley Vista
08GRNBOR 138	GREENSBORO
08GRNBOR 345	GREENSBORO
08GRNFLD 138	Greenfield
08GRNSBR 138	Greensburg 138kV
08GRNTWN 138	Greentown 138 kV
08GRNTWN 230	GREENTOWN
08GRNTWN1.00	Greentown
08GRWDWT69.0	Greenwood 69kV

08GWYNN	345	GWYNNVILLE
08HAGRTO	69.0	Hagerstown 69kV
08HALL1	138	HALL 1 138.0
08HALL2	138	Hall 2
08HAMLTN	138	HAMILTON 138KV
08HAMLTP	69.0	HAMILTON TAP 69.0
08HANDS1	138	Hands 1 138kV
08HANDS2	138	Hands 2 138kV
08HARDSB	138	Hardinsburg
08HARTL	138	Heartland Steel 138kV
08HE FLD	138	H. E. Floyds Knobs
08HE GRN	138	H. E. Green
08HE STJ	138	HE St. Joseph 138kV
08HEABNG	69.0	HE Abington 69kV
08HEBEAN	69.0	HE Bean Blossom 69kV
08HEBLTR	138	HE Belle Terra 138kV
08HEBNTP	138	HE Brandywine Tap 138kV
08HEBRKN	69.0	HE Brooklyn 69kV
08HEBRMB	69.0	HE Bramble 69kV
08HEBRN2	138	Hebron 2 138kV
08HEBRON	138	Hebron 138kV
08HEBRUM	69.0	HE Brummetts Creek Jct. 69kV
08HEBTHY	69.0	HE Bethany Jct. 69kV
08HECPE	69.0	HE Cope 69kV
08HECRAJ	69.0	HE Crane Jct. 69kV
08HECSOY	69.0	HE Soya 69kV
08HEDOLN	69.0	HE Dolan 69kV
08HEELET	69.0	HE Ellettsville 69kV
08HEELZA	69.0	HE Elizabethtown 69kV
08HEFARL	69.0	HE Fairland 69kV
08HEFOUN	69.0	HE Fountain City 69kV
08HEFREM	69.0	HE Freeman 69kV
08HEGBGC	69.0	HE Greensburg 69kV
08HEGLMO	69.0	HE Gilmore 69kV
08HEGRDV	69.0	HE Grandview 69kV
08HEGRNB	69.0	HE Greensburg 69kV
08HEHIDN	138	H. E. Hidden Valley
08HEHRBG	69.0	HE Harrisburg 69kV
08HEJKBG	69.0	HE Jacksonburg 69kV
08HEKNLW	69.0	HE Knollwood 69kV
08HEMILR	69.0	He Milroy 69kV
08HENCO	138	Henry County
08HENRY1	13.8	Henry County Unit 1
08HENRY2	13.8	Henry County Unit 2
08HENRY3	13.8	Henry County Unit 3
08HEOGLV	69.0	HE Ogilville 69kV
08HEOWEN	138	HE Owensburg 138kV
08HESLSB	69.0	HE Solsberry 69kV
08HESYCM	69.0	HE Sycamore Mine 69kV
08HEWALD	69.0	HE Waldon 69kV
08HEWHCK	69.0	HE Whitecreek 69kV
08HEWLDJ	69.0	H.E. Waldon Junction 69kV
08HEWLDL	69.0	HE Waldron 69kV
08HEWRMO	69.0	HE West Romona 69kV
08HEWSTP	138	H. E. Westport
08HILSDL	69.0	Hillsdale 69kV

08HINKLE 138	Hinkle
08HMLET169.0	HAMLET 1 69.0
08HMLET269.0	Hamlet 2
08HNOVER 138	Hanover
08HNRV J69.0	Henryville Jct. 69kV
08HNTNGT 138	HUNTINGTON
08HNTNGT69.0	Huntington 69kV
08HOPPLP69.0	Hopple
08HORTON69.0	Hortonsville 69kV
08HORTVL 345	Hortonville 345 kV
08HRS IN69.0	Harrison Steel 69kV
08HRS ST69.0	Harrison Steel 69kV
08HRSBRG69.0	Harrisburg 69kV
08HUNT1212.4	Huntington 12 12.4kV
08HUNTRF 138	Huntington River Fork
08HUNTST69.0	Hunt State St. 69kV
08IKGIND69.0	IKG Industries
08IN ARS 138	Indiana Arsenal
08INDLDS69.0	IND LOADS 69.0
08INTAT 69.0	Intat 69kV
08INTATJ69.0	Intat Jct. 69kV
08IRELAN34.5	Ireland 34.5
08IVYDL169.0	IVORYDALE 1 69.0
08IVYDL269.0	Ivorydale 2
08JASONV 138	Jasonville 138 kV
08JCKSBG69.0	Jacksonburg 69.0 kV
08JCKSN169.0	JACKSON 1 69.0
08JCKSN269.0	Jackson 2
08JCKSN369.0	Jackson 3
08JCKSN469.0	Jackson 4
08JEFF 138	JEFFERSONVILLE
08JFSML 69.0	Jefferson Smurfit 69 kV
08JFSMM 69.0	Jefferson Smurfit 69 kV
08JHSNCN69.0	Johnson Controls 69.0 kV
08JKSNTP69.0	JACKSON TAP 69.0
08JKSON 69.0	Jackson
08KENTN1 138	Kenton 1 138kV
08KENTN269.0	Kenton 2 69kV
08KENTON33.0	Kenton 33kV
08KENTON69.0	KENTON 69.0
08KINGML69.0	KINGS MILL 69.0
08KLEMN1 138	KLEEMAN 1 138.0
08KLEMN2 138	Kleeman 2
08KLONDK 138	Klondike
08KMPER1 138	KEMPER 1 138.0
08KMPER2 138	Kemper 2
08KNDR J69.0	Kinder Jct. 69kV
08KNOX 345.0	Knox County 345kV
08KNTWTR69.0	KENTWATER 69.0
08KO IN4 138	Kokomo IN4 138kV
08KO IN5 138	Kokomo IN5 138kV
08KO IN6 138	Kokomo IN6 138kV
08KOEAST 230	Kokomo East
08KOK E 69.0	Kokomo East 69kV
08KOK HP 230	Kokomo Highland Park
08KOK HP69.0	Kokomo Highland Park

08KOKBK714.4	Kokomo Bk 7 14.4
08KOKBK769.0	Kokomo Bk 7 69kv
08KOKOMO 138	KOKOMO HIGHLAND PARK
08KOKWEB69.0	Kokomo Webster St. 69kV
08KROGER69.0	KROGER 69.0
08KY AVE 138	Kentucky Avenue
08KYUNIV 138	KENTUCKY UNIVERSITY 138.0
08LAF 69.0	Lafayette
08LAF 1 138	Lafayette Bus 1 138kV
08LAF 2 138	Lafayette Bus 2 138kV
08LAF SE 138	Lafayette South East 138 kV
08LAF3&4 230	Lafayette Bk 3&4
08LAFALC 138	Lafayette Alcoa
08LAFARG 138	La Farge 138kV\
08LAFAY 12.4	Lafayette 12.4
08LAFAYE 230	LAFAYETTE
08LAFCAT 138	Lafayette Caterpillar
08LAF CIN 138	Lafayette Cincinnati St. 138 kV
08LAFGFD 138	Lafayette General Foods
08LAFHAG 138	Lafayette Haggerty
08LAFSOU 138	Lafayette South
08LAGRO 69.0	Largo 69kV
08LAKEVW69.0	LAKEVIEW 69.0
08LAKHOL 138	Lake Holiday
08LAPEL 138	Lapel
08LAPLJT 138	Lapel Jct
08LAUREL 138	Laurel
08LAYGRC69.0	Layhigh Butler Rural Electric Co-op
08LEBGL069.0	Lebanon Glossinger
08LEVIA 69.0	Levia A
08LEVIB 69.0	Levi B
08LEWSVL 138	Lewisville
08LGN SO69.0	Loagansport South
08LIBRTY69.0	Liberty 69kV
08LIL J169.0	Eli Lilly Jct. 1 69kV
08LIL S169.0	Eli Lilly S1 69kV
08LIL S269.0	Eli Lilly S2 69kV
08LIL SJ69.0	Eli Lilly S. Jct. 69kV
08LIL06J69.0	Eli Lilly 6 Jct. 69kV
08LIL16J69.0	Eli Lilly 16 Jct. 69kV
08LIL18J69.0	Eli Lilly 18 Jct. 69kV
08LILL N69.0	Eli Lilly N. 69kV
08LILL S69.0	Eli Lilly S. 69kV
08LINC N369.0	Lincoln 3 69.0 kV
08LINC N469.0	Lincoln 4
08LINTON 138	Linton 138 kV
08LINWD169.0	LINWOOD 1 69.0
08LINWD269.0	Linwood 2
08LKHOLJ 138	Lake Holiday Jct
08LMBRG169.0	Limaburg 1
08LMBRG269.0	Limaburg 2
08LMBRG369.0	Limaburg 3
08LNSTAR 138	Lone Star
08LNTONJ 138	Linton Junction 138kV
08LOCST169.0	Locust 1 69.0 kV
08LOCST269.0	Locust 2 69.0

08LOGNPT 230	LOGANSPORT
08LOGNPT69.0	LOGANSPORT
08LOGNSW69.0	Logansport 69kV switching station
08LOGOTE69.0	Loogootee 69kV
08LOGOTJ69.0	Loogootee Jct. 69kV
08LOST R 345	Lost River 345 kV
08LOUCEM 138	Louisville Cement
08LOUCMJ 138	Louisville Cement Junction 138kV
08LST RV69.0	Lost River 69kV
08LSTARJ 138	Lone Star Jct
08LTERL7 138	LATERAL 7 138.0
08LTERL8 138	Lateral 8
08LTLE Y69.0	Little York 69kV
08M.FORT 138	MIAMI FORT 138KV
08M.FORT 345	MIAMI FORT 345KV
08M.FRT513.8	MIAMI FORT 5 13.8
08M.FRT618.0	MIAMI FORT 6 18.0
08M.FRT722.0	MIAMI FORT 7 22.0
08M.FRT822.0	MIAMI FORT 8 22.0
08M.FTGT 138	Miami Fort Gas Turbines
08M.FTGT69.0	MIAMI FORT GT 69.0
08M.FTHS 345	Miami Fort High Side 345 kV
08MONROE69.0	Monroe 69.0 kV
08MACK1 69.0	MACK 1 69.0
08MACK2 69.0	Mack 2
08MADISN 138	MADISON
08MADISN 345	Madison 345
08MADMIC 138	Madison Michigan Ave.138kV
08MADSN113.8	Madison 1 13.8kV
08MADSN213.8	Madison Unit 2
08MADSN313.8	Madison Unit 3
08MADSN413.8	Madison Unit 4
08MADSN513.8	Madison Unit 5
08MADSN613.8	Madison Unit 6
08MADSN713.8	Madison Unit 7
08MADSN813.8	Madison Unit 8
08MADWST 138	Madison West
08MAIN J 138	Kokomo Main Street Jct
08MAINST 138	Kokomo Main Street
08MAPLE 138	Maple
08MARGET 138	Margaret
08MARKJT 138	Margaret Jct
08MARSHL69.0	Marshall 69.0 kV
08MCGFY169.0	McGuffy 2
08MCGFY269.0	McGuffy 2
08MCGFY369.0	McGuffy 3
08MCMNTP69.0	McMann Tap 69kV
08MCOMFT 138	Mount Comfort
08MDDLTP69.0	Middletown 69kV
08MDTINTP69.0	MIDDLETOWN TAP 69.0
08MDWAY1 138	MIDWAY 1 138.0
08MDWAY2 138	MIDWAY 2 138.0
08MEREL169.0	Merrell 1
08MEREL269.0	Merrell 2
08METRSR 138	METROSEWER 138.0
08MFGT1769.0	Miami Fort Gas Turbines 17

08MFTM9 138 Miami Fort Midpoint 9 138 kV
08MHLY1 138 MOUNT HEALTHY 1 138.0
08MHLY2 138 MOUNT HEALTHY 2 138.0
08MIC AV69.0 Michigan Ave 69kV
08MICA 69.0 MICA 69.0
08MIDLFO69.0 Middlefork 69kV
08MIDLTN69.0 Middletown 69.0 kV
08MIDDOXY69.0 Middletown Oxygen 69.0 kV
08MIDSEW69.0 MIDDLETOWN SEWER 69.0
08MIDVAL69.0 Mid Valley Pipe Line 69 kV
08MIER 138 Mier
08MILER169.0 MILLER 1 69.0
08MILER269.0 Miller 2
08MILIKN 138 MILLIKIN 138.0
08MILLTO 138 Milltown 138kV
08MILTWN69.0 Milltown 69kV
08MILVIL69.0 Millville 69.0 kV
08MITCHL69.0 MITCHELL 69.0
08MLACRN69.0 Cincinnati Millicron 69.0 kV
08MLFDRC69.0 Milford Butler Rural Co-op 69 kV
08MLHSR1 138 MULHAUSER 1 138.0
08MLHSR2 138 Mulhouser 2
08MLLTWN34.5 Milltown 34.5kV
08MNCTR169.0 Manchester 1
08MNCTR269.0 Manchester 2
08MNTAVE 138 Mount Comfort Ave
08MOHAWK 138 MOHAWK 138.0
08MOHAWK69.0 Mohawk 69kV
08MONRTP69.0 Monroe Tap 69.0 kV
08MONSTE69.0 Monsanto East 69.0 kV
08MONSTW69.0 Monsanto West 69.0 kV
08MORIST69.0 Morristown 69kV
08MOSCOW69.0 MOSCOW 69.0
08MOSIE169.0 Mosinee 1
08MPLKL1 138 MAPLEKNOLL 1 138.0
08MPLKL2 138 Mapleknoll 2
08MRGAN1 138 MORGAN 1 138.0
08MRGAN2 138 Morgan 2
08MRKLNLD 138 Markland
08MRKLY169.0 Markley 1
08MRKLY269.0 Markley 2
08MRKLY369.0 Markley 3
08MRTNSV69.0 Martinsville 69kV
08MRTVLJ69.0 Martinsville Southeast Junction 69kV
08MTABOR 138 Mount Tabor
08MTCHEL69.0 Mitchel 69kV
08MTCHL1 138 MITCHELL 1 138.0
08MTCHL3 138 Mitchell 3
08MTCHL4 138 Mitchell 4
08MTCHM369.0 Mitchell M3
08MTCHM469.0 Mitchell M4
08MTGRY1 138 Montgomery 1 138 kV
08MTGRY2 138 Montgomery 2
08MTWASH69.0 Mount Washington 69.0 kV
08N ALB 69.0 New Albany 69 kV
08N MANC69.0 North Manchester 69kV

08N MANJ69.0	North Manchester Jct. 69kV
08NA JCT 138	New Albany Jct
08NACNTR 138	New Albany Central
08NALBNY 138	New Albany
08NC I A69.0	New Castle I Ave. 69kV
08NCASTL34.5	New castle 34.5 kV
08NCHRY5 138	New Castle Chrysler
08NDMORJ69.0	Needmore Jct. 69kV
08NEUMAN69.0	NEUMAN 69.0
08NEWALB13.8	New Albany 13.8kV
08NEWCAS 138	NEW CASTLE
08NEWLON 230	NEW LONDON
08NEYRA 69.0	Neyra Industries
08NHLSVL69.0	NICHOLSVILLE 69.0
08NILLES69.0	NILLES 69.0
08NOBLST69.0	Noble Street 69kV
08NOBLSV 230	NOBLESVILLE STATION
08NOBLSV 345	NOBLESVILLE STATION
08NOBLSV69.0	Noblesville 69kV
08NOBMP113.8	Noblesville MP1 13.8kV
08NOBMP213.8	Noblesville MP2 13.8kV
08NOBMP313.8	Noblesville MP3 13.8kV
08NOBS1 13.8	Noblesville Generator Unit #1 13.8 kV
08NOBS2 13.8	Noblesville Generator Unit #2 13.8 kV
08NOBSVL 138	NOBLESVILLE STATION
08NRICHM69.0	NEW RICHMOND 69 KV
08NRTHG169.0	Northgreen 1 69.0 kV
08NRTHG269.0	Northgreen 2
08NTHGTP69.0	NORTHGREEN TAP 69.0
08NUCOR 345	NUCOR
08NV W J 138	North Vernon West Jct
08NVRNON 138	North Vernon
08NVWEST 138	North Vernon West
08NW PKI69.0	New Pekin 69kV
08NW PKJ69.0	New Pekin Jct. 69kV
08NW TAP 138	Purdue NW Junction Tap 138kV
08NW TP1 138	Purdue NW Junction Tap 1 138kV
08NW TP2 138	Purdue NW Junction Tap 2 138kV
08NWPTST 138	NEWPORT STEEL 138.0
08NWPTST69.0	NEWPORT STEEL 69.0
08NWTWN1 138	NEWTOWN 1 138.0
08NWTWN2 138	Newtown 2
08OAKCTY34.5	Oakland City 34.5kV
08OAKLEY 138	OAKLEY 138KV
08OAKLEY69.0	OAKLEY 69KV
08OAKLM969.0	OAKLEY M9 69.0
08OBRIEN 138	Obrien 138kV
08OBRJCT 138	Obrien Junction 138kV
08ODON J69.0	Odon Jct. 69kV
08OGIL J69.0	Ogilville Jct. 69kV
08OKLM1069.0	OAKLEY TB10 138/69KV MID-POINT
08OKLND 138	OAKLAND CITY
08OKLND 69.0	Okland
08OSGOOD69.0	Osgood 69kV
08OTERBN69.0	OTTERBEIN 69.0
08OXFDRC69.0	Oxford Butler Rural Electric 69 kV

08OXFORD69.0	Oxford 69.0 kV
08P.UN1 138	PORT UNION 1 138.0
08P.UN2 138	PORT UNION 2 138.0
08P.UNM169.0	PORT UNION M1 69.0
08P.UNM2 138	PORT UNION 2 138.0
08P.UNM269.0	PORT UNION M2 69.0
08P.UNM369.0	PORT UNION M3 69.0
08P.UNN169.0	PORT UNION 1 69.0
08P.UNN269.0	PORT UNION 2 69.0
08P.UNON 345	PORT UNION 345.0
08PARK 69.0	PARK 69.0
08PARK1 138	PARK 1 138.0
08PARK2 138	Park 2
08PARKCO 138	Parke County REMC
08PEABJT 138	Peabody Jct
08PEADUG 138	Peabody Dugger Mine
08PEAHAW 138	Peabody Hawthorn
08PEAHJT 138	Peabody Hawthorn Jct
08PEATAP 138	Peabody Tap
08PER SE 230	Pery Southeast 230 kV
08PERUSE69.0	Peru S.E. 69kV
08PFIZJT 138	Pfizer Jct
08PISGAH69.0	PISGAH 69.0
08PITSBR69.0	Pittsboro 69kV
08PLAIN 138	PLAINFIELD SOUTH 138.0
08PLESNT 138	Pleasant Grove
08PLN13869.0	Plainfield South 138/69kV
08PLNFL 69.0	Plainfield 69kV
08PMKN C69.0	Pumpkin Center 69kV
08PNDLTN69.0	Pendleton 69kV
08PRD NW 138	Purdue N.W. 138kV
08PRESC 69.0	Prescott 69kV
08PRESCT 345	Prescott
08PRIHL169.0	Price Hill 1
08PRIHL269.0	Price Hill 2
08PRNCTN 138	Princeton
08PRNTN169.0	PRINCTON 1 69.0
08PRNTN369.0	Princeton 3
08PSIRAM69.0	PSI Ramsey 69kV
08PSTTWN69.0	POASTOWN 69.0
08PUMPCT 230	Pumkin Center
08PURDUE 138	Purdue
08QUALTC 345	Qualitec Steel
08QUNGT1 138	QUEENSGATE 1 138.0
08QUNGT2 138	Queensgate 2
08RADIOJ69.0	HE Radio Tower Jct. 69kV
08RALPUR69.0	Ralston Purina Co. 69 kV
08RCHLE1 138	Rochelle 1
08RCHLE2 138	Rochelle 2
08RCHLE3 138	Rochelle 3
08RCHWOD69.0	Richwood 69.0 kV
08RCKTAP69.0	Rockville Tap 69kV
08RCKVIL69.0	Rockville 69kV
08REA MA 138	REA MAGN 138kV
08REAMAG 138	REA Magnet 138kV
08REDBK1 138	RED BANK 1 138.0

08REDBK1 345	RED BANK 1 345 KV
08REDBK2 138	RED BANK 2 138.0
08REDBK2 345	Red Bank bus 2 345 kV
08RIVCIR69.0	River Circle 69.0 kV
08RLION169.0	Red Lion 1 69kV
08RLION269.0	Red Lion 2 69kV
08RMNTN1 138	REMINGTON 1 138.0
08RMNTN2 138	Remington 2
08ROCH 69.0	ROCHESTER
08ROCKVL 138	Rockville
08ROGERS69.0	Rogers St. 69kV
08ROSEBG69.0	Roseburg 69 kV
08ROSREC69.0	Ross Butler Rural Electric 69 kV
08RSHVIL69.0	Rushville 69kV
08RSSELV69.0	Reelsville 69kV
08RVR FO69.0	Hunt River Fork 69kV
08RYBOLT69.0	RYBOLT 69 KV
08S.BET169.0	South Bethel 1
08S.BET269.0	South Bethel 2
08SALEM 69.0	Salem 69kV
08SALISJ69.0	New Salisbury Jct. 69kV
08SAMA J69.0	Samaria Jct.69kV
08SAWBRK69.0	Sawbrook 69.0 kV
08SAYLPK69.0	Saylor Park 69.0 kV
08SCRK M 345	Sugarcreek Merchant Plant 345kV
08SCTBRG 138	Scottsburg 138kV
08SCTBRG69.0	Scottsburg 69kV
08SDCTJ1 138	Sandcut Jct 1
08SDCUTJ 138	Sandcut Junction 138kV
08SENCO 69.0	SENCO 69.0
08SEVNM169.0	Seven Mile 1
08SEVNM269.0	Seven Mile 2
08SEY IN 138	Seymour Industrial
08SEYINJ 138	Seymour Industrial Jct
08SEYMOU 138	SEYMOUR
08SEYMOU34.5	Seymour 34.5kV
08SEYMR269.0	Seymour 2 69kV
08SGROVE 138	SILVER GROVE 138.0
08SGROVE 345	SILVER GROVE 345.0
08SHBNEJ69.0	Shelbyville N.E. Junction 69kV
08SHBY J 138	Shelbyville Jct
08SHBYNE 138	Shelbyville North East
08SHBYNE69.0	Shelbyville N.E. 69kV
08SHBYSW 138	Shelbyville South West
08SHBYSW69.0	Shelbyville S.W. 69kV
08SHIOJC69.0	Sohio Pipline Jct. 69kV
08SHOALS 138	Shoals 138 kV
08SHOLJT 138	Shoals Jct
08SHWSIC 138	Shawswick
08SIMPSN 138	SIMPSON 138KV
08SMITMO69.0	SUMITOMO 69.0
08SMRSD1 138	SUMMERSIDE 1 138.0
08SMRSD169.0	SUMMERSIDE 1 69.0
08SMRSD2 138	Summerside 2
08SMRSD269.0	Summerside 2
08SNBORN 138	Sandborn

08SNDCUT 138	Sandcut Jct
08SOCLVL 138	SOCIALVILLE 138.0
08SOHIOJ69.0	Sohio Jct. 69kV
08SOUTHJ 138	Lafayette South Jct. 138kV
08SPCLND69.0	Spiceland 69kV
08SPEEDB112.4	Speed 1 12.4kV
08SPEEDB212.4	Speed 2 12.4kV
08SPEED 138	SPEED
08SPEED 345	SPEED
08SPEED 69.0	Speed 69kV
08SPELTV 138	Spelterville
08SPENCR 230	Spencer 230 kV
08SPGDAL69.0	Springdale 69.0 kV
08SPNC2369.0	Spencer 23 69kV
08SPNC6969.0	Spencer 69 69kV
08SPNCR334.5	Spencer 3 34.5
08SPNGBR 138	Springboro 138kV
08SPRGR69.0	Springboro 69kV
08SPRNBR69.0	Springboro 69.0 kV
08STALYN 138	Lafayette AE Staley North 138kV
08STAUN469.0	Staunton 4 69kV
08STAUTN 138	STAUNTON
08STAUTN 230	STAUNTON
08STCLAR69.0	SAINT CLAIR 69.0
08STILVL 138	Stilesville
08STILWL69.0	Stillwell 69 kV
08STON J69.0	Stones Crossing Jct. 69kV
08SUBARU 138	Subaru 138 kV
08SUGCK118.0	Sugar Creek 1 18kV
08SUGCK218.0	Sugar Creek 2 18kV
08SULLVN69.0	Sullivan 69.0 kV
08SUMRM269.0	SUMMER M2 69 KV
08SUTTN169.0	Sutton 1
08SUTTN269.0	Sutton 2
08SYMES169.0	SYMME 1 69.0
08SYMES369.0	Symmes 3
08T S 1 138	Terre Haute South 1st ST
08T2862169.0	Tap 2862-1
08T2865169.0	Tap 2865 -1
08T2865269.0	Tap 2865 -2 69.0 kV
08T3261169.0	Tap 3261-1 69 kV
08T3263169.0	Tap 3263-1
08T3766269.0	Tap 37662 69kV
08T3865269.0	Tap 28652 69zkV
08T4666269.0	Tap 4666-2 69 kV
08T5661169.0	Tap 5661 -1 69.0 kV
08T5661369.0	Tap 56613 69kV
08T5665569.0	Tap 5655-5 69 kV
08T5665669.0	Tap 5665-6 69 kV
08T5666169.0	Tap 5666-1 69 kV
08T5666269.0	Tap 5666-2
08T5762169.0	Tap 57621 69kV
08T5762269.0	Tap 57622 69kV
08T5767169.0	Tap 57671 69kV
08T5767369.0	Tap 5767-3 69.0 kV
08T5767469.0	Tap 5767-4 69.0 kV

08T5962169.0	Tap 5962-1 69.0 kV
08T5962269.0	Tap 5962-2 69.0 kV
08T5967169.0	Tap 5967-1
08T5967269.0	Tap 5967-2
08T6365169.0	Tap 6365-1 69 kV
08T6365269.0	Tap 6365 -2 69 kV
08T6365369.0	Tap 6365-3 69 kV
08T6961169.0	Tap 6961-1 69.0 kV
08T9062169.0	Tap 9062-1 69.0 kV
08T9062269.0	Tap 9062-2 69.0 kV
08T9062369.0	Tap 9062-3 69.0 kV
08T9062469.0	Tap 90624 69kV
08T9064569.0	Tap 9064-5 69.0 kV
08T9064669.0	Tap 9064-6 69.0 kV
08TBSCM569.0	TOBASCO M5 69.0
08TBSCO1 138	TOBASCO 1 138.0
08TBSCO2 138	Tobasco 2
08TBSCO569.0	TOBASCO 5 69.0
08TDHNM169.0	TODHUNTER M1 69.0
08TDHNM269.0	TODHUNTER M2 69.0
08TDHNTR 138	TODHUNTER 138KV
08TDHNTR 345	TODHUNTER 345KV
08TDHTR169.0	TODHUNTER 1 69.0
08TDHTR269.0	Todhunter 2
08TECT J 138	TETC Jct. 138kV
08TERM12 138	TERMINAL TB12 345/138KV MID-POINT
08TERMM169.0	TERMINAL M1 69.0
08TERMM269.0	TERMINAL TB2 138/69KV MID-POINT
08TERMNL 345	TERMINAL 345KV
08TH EST 138	Terre Haute East 138 kV
08TH EST69.0	Terre Haute East 69 kV
08THALEN 138	Terre Haute Allendale
08THPFIZ 138	Terre Haute Pfizer
08THRNTN 230	Thorntown
08THRNT013.8	Thorntown 13.8kV
08THRNTW69.0	Thorntown 69kV
08TIPLAB 138	Tippecanoe Lab
08TIPTON69.0	Tipton 69kV
08TLBTRC69.0	Tolbert 69.0 kV Butler R.E.C.C.
08TOBYT169.0	Kokomo Toby Pike 69kV
08TODDRC69.0	Todd 69.0 kv Butler R.E.C.C
08TODM15 138	TODHUNTER M15 138.0
08TODM16 138	TODHUNTER M16 138.0
08TODM17 138	TODHUNTER M17 138.0
08TP086369.0	Tap 0863 69.0 kV
08TP086869.0	Tap 0868 69.0 kV
08TP1288 138	CIRCUIT 1288 138KV TAP
08TP176569.0	Tap 1765 69.0 kV
08TP176669.0	Tap 1766-6 69 kV
08TP186269.0	TAP 1862 69.0
08TP216669.0	CIRCUIT 2166 69KV TAP
08TP326569.0	TAP 3265 69.0
08TP376669.0	Tap 3766 69.0 kV
08TP386169.0	CIRCUIT 3861 69KV TAP
08TP436669.0	CIRCUIT 4366 69KV TAP
08TP466669.0	CIRCUIT 4666 69KV TAP