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PUBLIC SERVICE
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**INTEGRATED RESOURCE PLANNING REPORT
TO THE
KENTUCKY PUBLIC SERVICE COMMISSION**

CHAPTER 2, APPENDIX

VOLUME B

BOOK 1 OF 3

Case No. 2013-_____

December 20, 2013

SHORT-TERM CUSTOMERS

Kentucky Power Company
Customer Models

Revcls-Revenue Class

1-Residential

2-Commercial

3.1 Small Industrial

3.15 Small Mine Power

3.2 Large Industrial

3.25 Large Mine Power

3.4 Other Retail

Cust-Number of Customers

Time-Time

res1, res2, com1, com2, ind1, or1, o2, or3

(Binary Variables)

days=Billing Days

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2003	1	1/1/2003	1	144903	32.87684	0	0	0	0	0	0	0	0
2003	2	2/1/2003	1	144848	29.37521	0	0	0	0	0	0	0	0
2003	3	3/1/2003	1	144700	28.94179	0	0	0	0	0	0	0	0
2003	4	4/1/2003	1	144415	29.72901	0	0	0	0	0	0	0	0
2003	5	5/1/2003	1	144250	29.4396	0	0	0	0	0	0	0	0
2003	6	6/1/2003	1	144177	30.59583	0	0	0	0	0	0	0	0
2003	7	7/1/2003	1	144130	30.29391	0	0	0	0	0	0	0	0
2003	8	8/1/2003	1	144290	28.83001	0	0	0	0	0	0	0	0
2003	9	9/1/2003	1	144411	30.31453	0	0	0	0	0	0	0	0
2003	10	10/1/2003	1	144406	29.51032	0	0	0	0	0	0	0	0
2003	11	11/1/2003	1	144466	29.06951	0	0	0	0	0	0	0	0
2003	12	12/1/2003	1	144850	31.97093	0	0	0	0	0	0	0	0
2004	1	1/1/2004	1	145096	32.89804	0	0	0	0	0	0	0	0
2004	2	2/1/2004	1	144846	29.35662	0	0	0	0	0	0	0	0
2004	3	3/1/2004	1	144789	28.95242	0	0	0	0	0	0	0	0
2004	4	4/1/2004	1	144670	30.22187	0	0	0	0	0	0	0	0
2004	5	5/1/2004	1	144359	29.32978	0	0	0	0	0	0	0	0
2004	6	6/1/2004	1	144117	30.82058	0	0	0	0	0	0	0	0
2004	7	7/1/2004	1	144037	30.37168	0	0	0	0	0	0	0	0
2004	8	8/1/2004	1	144066	29.01265	0	0	0	0	0	0	0	0
2004	9	9/1/2004	1	144081	29.75676	0	0	0	0	0	0	0	0
2004	10	10/1/2004	1	144159	29.57961	0	0	0	0	0	0	0	0
2004	11	11/1/2004	1	144360	29.03879	0	0	0	0	0	0	0	0
2004	12	12/1/2004	1	144623	32.42669	0	0	0	0	0	0	0	0
2005	1	1/1/2005	1	144900	32.73432	0	0	0	0	0	0	0	0
2005	2	2/1/2005	1	144415	29.31827	-1	0	0	0	0	0	0	0
2005	3	3/1/2005	1	145259	29.22835	1	0	0	0	0	0	0	0
2005	4	4/1/2005	1	144955	30.302	0	0	0	0	0	0	0	0
2005	5	5/1/2005	1	144302	29.16794	0	0	0	0	0	0	0	0
2005	6	6/1/2005	1	144342	30.50766	0	0	0	0	0	0	0	0
2005	7	7/1/2005	1	144274	30.09963	0	0	0	0	0	0	0	0
2005	8	8/1/2005	1	144231	29.48987	0	0	0	0	0	0	0	0
2005	9	9/1/2005	1	144191	30.1465	0	0	0	0	0	0	0	0
2005	10	10/1/2005	1	144223	29.16351	0	0	0	0	0	0	0	0
2005	11	11/1/2005	1	144419	29.40777	0	0	0	0	0	0	0	0
2005	12	12/1/2005	1	144641	31.82539	0	0	0	0	0	0	0	0
2006	1	1/1/2006	1	144830	32.99815	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2006	2	2/1/2006	1	144530	29.45074	0	-1	0	0	0	0	0	0
2006	3	3/1/2006	1	145013	28.64459	0	1	0	0	0	0	0	0
2006	4	4/1/2006	1	144560	28.66317	0	0	0	0	0	0	0	0
2006	5	5/1/2006	1	144258	29.82108	0	0	0	0	0	0	0	0
2006	6	6/1/2006	1	144120	30.45925	0	0	0	0	0	0	0	0
2006	7	7/1/2006	1	144118	30.19506	0	0	0	0	0	0	0	0
2006	8	8/1/2006	1	144248	28.97765	0	0	0	0	0	0	0	0
2006	9	9/1/2006	1	144269	30.28493	0	0	0	0	0	0	0	0
2006	10	10/1/2006	1	144313	29.72338	0	0	0	0	0	0	0	0
2006	11	11/1/2006	1	144545	28.98547	0	0	0	0	0	0	0	0
2006	12	12/1/2006	1	144554	31.7185	0	0	0	0	0	0	0	0
2007	1	1/1/2007	1	144815	32.74613	0	0	0	0	0	0	0	0
2007	2	2/1/2007	1	144843	29.15659	0	0	0	0	0	0	0	0
2007	3	3/1/2007	1	144494	28.98988	0	0	0	0	0	0	0	0
2007	4	4/1/2007	1	144179	30.59399	0	0	0	0	0	0	0	0
2007	5	5/1/2007	1	143841	29.71183	0	0	0	0	0	0	0	0
2007	6	6/1/2007	1	143743	30.18442	0	0	0	0	0	0	0	0
2007	7	7/1/2007	1	143666	29.65501	0	0	0	0	0	0	0	0
2007	8	8/1/2007	1	143970	29.23694	0	0	0	0	0	0	0	0
2007	9	9/1/2007	1	144118	30.11878	0	0	0	0	0	0	0	0
2007	10	10/1/2007	1	144087	29.3602	0	0	0	0	0	0	0	0
2007	11	11/1/2007	1	144181	29.79921	0	0	0	0	0	0	0	0
2007	12	12/1/2007	1	144542	31.98046	0	0	0	0	0	0	0	0
2008	1	1/1/2008	1	144825	32.80213	0	0	0	0	0	0	0	0
2008	2	2/1/2008	1	144690	29.24555	0	0	0	0	0	0	0	0
2008	3	3/1/2008	1	144365	29.09202	0	0	0	0	0	0	0	0
2008	4	4/1/2008	1	143988	30.45362	0	0	0	0	0	0	0	0
2008	5	5/1/2008	1	143799	29.05732	0	0	0	0	0	0	0	0
2008	6	6/1/2008	1	143710	30.47884	0	0	0	0	0	0	0	0
2008	7	7/1/2008	1	143789	30.12992	0	0	0	0	0	0	0	0
2008	8	8/1/2008	1	143832	29.61116	0	0	0	0	0	0	0	0
2008	9	9/1/2008	1	143855	30.11183	0	0	0	0	0	0	0	0
2008	10	10/1/2008	1	143884	29.35764	0	0	0	0	0	0	0	0
2008	11	11/1/2008	1	144121	29.11839	0	0	0	0	0	0	0	0
2008	12	12/1/2008	1	144407	31.7733	0	0	0	0	0	0	0	0
2009	1	1/1/2009	1	144472	33.23947	0	0	0	0	0	0	0	0
2009	2	2/1/2009	1	144302	29.85636	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2009	3	3/1/2009	1	144126	28.64819	0	0	0	0	0	0	0	0
2009	4	4/1/2009	1	143754	30.06251	0	0	0	0	0	0	0	0
2009	5	5/1/2009	1	143405	29.84352	0	0	0	0	0	0	0	0
2009	6	6/1/2009	1	143404	30.39817	0	0	0	0	0	0	0	0
2009	7	7/1/2009	1	143215	30.1536	0	0	0	0	0	0	0	0
2009	8	8/1/2009	1	143272	29.36578	0	0	0	0	0	0	0	0
2009	9	9/1/2009	1	143258	29.81306	0	0	0	0	0	0	0	0
2009	10	10/1/2009	1	143276	29.76685	0	0	0	0	0	0	0	0
2009	11	11/1/2009	1	143420	29.19163	0	0	0	0	0	0	0	0
2009	12	12/1/2009	1	143633	32.20121	0	0	0	0	0	0	0	0
2010	1	1/1/2010	1	143805	33.09664	0	0	0	0	0	0	0	0
2010	2	2/1/2010	1	143788	29.05593	0	0	0	0	0	0	0	0
2010	3	3/1/2010	1	143618	29.33853	0	0	0	0	0	0	0	0
2010	4	4/1/2010	1	143153	30.33393	0	0	0	0	0	0	0	0
2010	5	5/1/2010	1	142803	29.27631	0	0	0	0	0	0	0	0
2010	6	6/1/2010	1	142743	30.39924	0	0	0	0	0	0	0	0
2010	7	7/1/2010	1	142667	30.3102	0	0	0	0	0	0	0	0
2010	8	8/1/2010	1	142742	29.53985	0	0	0	0	0	0	0	0
2010	9	9/1/2010	1	142470	29.87726	0	0	0	0	0	0	0	0
2010	10	10/1/2010	1	142457	29.76245	0	0	0	0	0	0	0	0
2010	11	11/1/2010	1	142699	28.99161	0	0	0	0	0	0	0	0
2010	12	12/1/2010	1	142708	32.56289	0	0	0	0	0	0	0	0
2011	1	1/1/2011	1	143185	32.75671	0	0	0	0	0	0	0	0
2011	2	2/1/2011	1	142735	29.0462	0	0	0	0	0	0	0	0
2011	3	3/1/2011	1	142867	29.15579	0	0	0	0	0	0	0	0
2011	4	4/1/2011	1	142173	29.44909	0	0	0	0	0	0	0	0
2011	5	5/1/2011	1	141679	30.51699	0	0	0	0	0	0	0	0
2011	6	6/1/2011	1	141463	30.22216	0	0	0	0	0	0	0	0
2011	7	7/1/2011	1	141398	30.26367	0	0	0	0	0	0	0	0
2011	8	8/1/2011	1	141531	29.53149	0	0	0	0	0	0	0	0
2011	9	9/1/2011	1	141286	29.96609	0	0	0	0	0	0	0	0
2011	10	10/1/2011	1	141180	29.68915	0	0	0	0	0	0	0	0
2011	11	11/1/2011	1	141320	29.19367	0	0	0	0	0	0	0	0
2011	12	12/1/2011	1	141500	32.12227	0	0	0	0	0	0	0	0
2012	1	1/1/2012	1	141565	32.51993	0	0	0	0	0	0	0	0
2012	2	2/1/2012	1	141707	29.75177	0	0	0	0	0	0	0	0
2012	3	3/1/2012	1	141335	29.03724	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2012	4	4/1/2012	1	140895	29.949	0	0	0	0	0	0	0	0
2012	5	5/1/2012	1	140790	29.79845	0	0	0	0	0	0	0	0
2012	6	6/1/2012	1	140611	30.55757	0	0	0	0	0	0	0	0
2012	7	7/1/2012	1	140697	30.65006	0	0	0	0	0	0	0	0
2012	8	8/1/2012	1	140645	28.9709	0	0	0	0	0	0	0	0
2012	9	9/1/2012	1	140641	30.45334	0	0	0	0	0	0	0	0
2012	10	10/1/2012	1	140571	29.37692	0	0	0	0	0	0	0	0
2012	11	11/1/2012	1	140781	29.3523	0	0	0	0	0	0	0	0
2012	12	12/1/2012	1	140909	31.91666	0	0	0	0	0	0	0	0
2013	1	1/1/2013	1	141093	32.66811	0	0	0	0	0	0	0	0
2013	2	2/1/2013	1		29.36827	0	0	0	0	0	0	0	0
2013	3	3/1/2013	1		28.97233	0	0	0	0	0	0	0	0
2013	4	4/1/2013	1		29.85242	0	0	0	0	0	0	0	0
2013	5	5/1/2013	1		29.51794	0	0	0	0	0	0	0	0
2013	6	6/1/2013	1		30.5291	0	0	0	0	0	0	0	0
2013	7	7/1/2013	1		30.22617	0	0	0	0	0	0	0	0
2013	8	8/1/2013	1		29.16709	0	0	0	0	0	0	0	0
2013	9	9/1/2013	1		30.10499	0	0	0	0	0	0	0	0
2013	10	10/1/2013	1		29.47341	0	0	0	0	0	0	0	0
2013	11	11/1/2013	1		29.19343	0	0	0	0	0	0	0	0
2013	12	12/1/2013	1		32.06208	0	0	0	0	0	0	0	0
2014	1	1/1/2014	1		32.86214	0	0	0	0	0	0	0	0
2014	2	2/1/2014	1		29.36827	0	0	0	0	0	0	0	0
2014	3	3/1/2014	1		28.97233	0	0	0	0	0	0	0	0
2014	4	4/1/2014	1		29.85242	0	0	0	0	0	0	0	0
2014	5	5/1/2014	1		29.51794	0	0	0	0	0	0	0	0
2014	6	6/1/2014	1		30.5291	0	0	0	0	0	0	0	0
2014	7	7/1/2014	1		30.22617	0	0	0	0	0	0	0	0
2014	8	8/1/2014	1		29.16709	0	0	0	0	0	0	0	0
2014	9	9/1/2014	1		30.10499	0	0	0	0	0	0	0	0
2014	10	10/1/2014	1		29.47341	0	0	0	0	0	0	0	0
2014	11	11/1/2014	1		29.19343	0	0	0	0	0	0	0	0
2014	12	12/1/2014	1		32.06208	0	0	0	0	0	0	0	0
2015	1	1/1/2015	1		32.86214	0	0	0	0	0	0	0	0
2015	2	2/1/2015	1		29.36827	0	0	0	0	0	0	0	0
2015	3	3/1/2015	1		28.97233	0	0	0	0	0	0	0	0
2015	4	4/1/2015	1		29.85242	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2015	5	5/1/2015	1		29.51794	0	0	0	0	0	0	0	0
2015	6	6/1/2015	1		30.5291	0	0	0	0	0	0	0	0
2015	7	7/1/2015	1		30.22617	0	0	0	0	0	0	0	0
2015	8	8/1/2015	1		29.16709	0	0	0	0	0	0	0	0
2015	9	9/1/2015	1		30.10499	0	0	0	0	0	0	0	0
2015	10	10/1/2015	1		29.47341	0	0	0	0	0	0	0	0
2015	11	11/1/2015	1		29.19343	0	0	0	0	0	0	0	0
2015	12	12/1/2015	1		32.06208	0	0	0	0	0	0	0	0
2016	1	1/1/2016	1		32.86214	0	0	0	0	0	0	0	0
2016	2	2/1/2016	1		29.36827	0	0	0	0	0	0	0	0
2016	3	3/1/2016	1		28.97233	0	0	0	0	0	0	0	0
2016	4	4/1/2016	1		29.85242	0	0	0	0	0	0	0	0
2016	5	5/1/2016	1		29.51794	0	0	0	0	0	0	0	0
2016	6	6/1/2016	1		30.5291	0	0	0	0	0	0	0	0
2016	7	7/1/2016	1		30.22617	0	0	0	0	0	0	0	0
2016	8	8/1/2016	1		29.16709	0	0	0	0	0	0	0	0
2016	9	9/1/2016	1		30.10499	0	0	0	0	0	0	0	0
2016	10	10/1/2016	1		29.47341	0	0	0	0	0	0	0	0
2016	11	11/1/2016	1		29.19343	0	0	0	0	0	0	0	0
2016	12	12/1/2016	1		32.06208	0	0	0	0	0	0	0	0
2003	1	1/1/2003	2	26893	32.94005	0	0	0	0	0	0	0	0
2003	2	2/1/2003	2	26858	29.66339	0	0	0	0	0	0	0	0
2003	3	3/1/2003	2	26904	29.11042	0	0	0	0	0	0	0	0
2003	4	4/1/2003	2	26912	29.95311	0	0	0	0	0	0	0	0
2003	5	5/1/2003	2	26961	29.57631	0	0	0	0	0	0	0	0
2003	6	6/1/2003	2	27000	31.08907	0	0	0	0	0	0	0	0
2003	7	7/1/2003	2	27038	30.86338	0	0	0	0	0	0	0	0
2003	8	8/1/2003	2	27940	29.00117	0	0	0	0	1	0	0	0
2003	9	9/1/2003	2	27992	30.31791	0	0	0	0	1	0	0	0
2003	10	10/1/2003	2	28029	29.9769	0	0	0	0	1	0	0	0
2003	11	11/1/2003	2	28046	29.40952	0	0	0	0	1	0	0	0
2003	12	12/1/2003	2	28110	32.20919	0	0	0	0	1	0	0	0
2004	1	1/1/2004	2	28131	33.07883	0	0	0	0	1	0	0	0
2004	2	2/1/2004	2	28104	29.50677	0	0	0	0	1	0	0	0
2004	3	3/1/2004	2	28127	29.21813	0	0	0	0	1	0	0	0
2004	4	4/1/2004	2	28166	30.55924	0	0	0	0	1	0	0	0
2004	5	5/1/2004	2	28189	29.61447	0	0	0	0	1	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2004	6	6/1/2004	2	28233	31.19065	0	0	0	0	1	0	0	0	0
2004	7	7/1/2004	2	28321	30.54496	0	0	0	0	1	0	0	0	0
2004	8	8/1/2004	2	28361	29.31958	0	0	0	0	1	0	0	0	0
2004	9	9/1/2004	2	28421	29.96772	0	0	0	0	1	0	0	0	0
2004	10	10/1/2004	2	28472	29.9907	0	0	0	0	1	0	0	0	0
2004	11	11/1/2004	2	28442	29.18478	0	0	0	0	1	0	0	0	0
2004	12	12/1/2004	2	28496	32.49588	0	0	0	0	1	0	0	0	0
2005	1	1/1/2005	2	28555	32.68588	0	0	0	0	1	0	0	0	0
2005	2	2/1/2005	2	28492	29.63611	0	0	0	0	1	0	0	0	0
2005	3	3/1/2005	2	28726	29.44492	0	0	0	0	1	0	0	0	0
2005	4	4/1/2005	2	28742	30.42241	0	0	0	0	1	0	0	0	0
2005	5	5/1/2005	2	28820	29.1448	0	0	0	0	1	0	0	0	0
2005	6	6/1/2005	2	28921	31.11115	0	0	0	0	1	0	0	0	0
2005	7	7/1/2005	2	28896	30.35524	0	0	0	0	1	0	0	0	0
2005	8	8/1/2005	2	28995	29.36107	0	0	0	0	1	0	0	0	0
2005	9	9/1/2005	2	29068	30.56749	0	0	0	0	1	0	0	0	0
2005	10	10/1/2005	2	29079	29.41399	0	0	0	0	1	0	0	0	0
2005	11	11/1/2005	2	29040	30.01907	0	0	0	0	1	0	0	0	0
2005	12	12/1/2005	2	29064	32.14323	0	0	0	0	1	0	0	0	0
2006	1	1/1/2006	2	29121	33.05543	0	0	0	0	1	0	0	0	0
2006	2	2/1/2006	2	29047	29.8473	0	0	0	0	1	0	0	0	0
2006	3	3/1/2006	2	29187	28.66822	0	0	0	0	1	0	0	0	0
2006	4	4/1/2006	2	29148	28.87768	0	0	0	0	1	0	0	0	0
2006	5	5/1/2006	2	29245	29.96966	0	0	0	0	1	0	0	0	0
2006	6	6/1/2006	2	29278	30.9654	0	0	0	0	1	0	0	0	0
2006	7	7/1/2006	2	29279	30.63197	0	0	0	0	1	0	0	0	0
2006	8	8/1/2006	2	29339	28.80994	0	0	0	0	1	0	0	0	0
2006	9	9/1/2006	2	29384	30.86706	0	0	0	0	1	0	0	0	0
2006	10	10/1/2006	2	29597	29.64892	0	0	0	0	1	0	0	0	0
2006	11	11/1/2006	2	29433	29.5718	0	0	0	0	1	0	0	0	0
2006	12	12/1/2006	2	29354	31.74469	0	0	0	0	1	0	0	0	0
2007	1	1/1/2007	2	29460	32.9547	0	0	0	0	1	0	0	0	0
2007	2	2/1/2007	2	29416	29.34591	0	0	0	0	1	0	0	0	0
2007	3	3/1/2007	2	29460	29.09363	0	0	0	0	1	0	0	0	0
2007	4	4/1/2007	2	29427	30.79882	0	0	0	0	1	0	0	0	0
2007	5	5/1/2007	2	29570	30.02799	0	0	0	0	1	0	0	0	0
2007	6	6/1/2007	2	29678	30.43059	0	0	0	0	1	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2007	7	7/1/2007		2	29736	30.11777	0	0	0	1	0	0	0	0
2007	8	8/1/2007		2	29828	29.35278	0	0	0	1	0	0	0	0
2007	9	9/1/2007		2	29876	30.39759	0	0	0	1	0	0	0	0
2007	10	10/1/2007		2	29925	29.64791	0	0	0	1	0	0	0	0
2007	11	11/1/2007		2	29935	30.07807	0	0	0	1	0	0	0	0
2007	12	12/1/2007		2	29922	32.11237	0	0	0	1	0	0	0	0
2008	1	1/1/2008		2	29969	33.06407	0	0	0	1	0	0	0	0
2008	2	2/1/2008		2	29955	29.36259	0	0	0	1	0	0	0	0
2008	3	3/1/2008		2	29975	29.48052	0	0	0	1	0	0	0	0
2008	4	4/1/2008		2	30023	30.33644	0	0	0	1	0	0	0	0
2008	5	5/1/2008		2	30069	29.31006	0	0	0	1	0	0	0	0
2008	6	6/1/2008		2	30080	30.75832	0	0	0	1	0	0	0	0
2008	7	7/1/2008		2	29341	30.34804	0	0	1	1	0	0	0	0
2008	8	8/1/2008		2	29387	29.82657	0	0	1	1	0	0	0	0
2008	9	9/1/2008		2	29479	30.36998	0	0	1	1	0	0	0	0
2008	10	10/1/2008		2	29482	29.42098	0	0	1	1	0	0	0	0
2008	11	11/1/2008		2	29453	29.53508	0	0	1	1	0	0	0	0
2008	12	12/1/2008		2	29540	32.1035	0	0	1	1	0	0	0	0
2009	1	1/1/2009		2	29552	33.33743	0	0	1	1	0	0	0	0
2009	2	2/1/2009		2	29486	29.83797	0	0	1	1	0	0	0	0
2009	3	3/1/2009		2	29604	28.944	0	0	1	1	0	0	0	0
2009	4	4/1/2009		2	29479	30.281	0	0	1	1	0	0	0	0
2009	5	5/1/2009		2	29457	30.06042	0	0	1	1	0	0	0	0
2009	6	6/1/2009		2	29567	30.52184	0	0	1	1	0	0	0	0
2009	7	7/1/2009		2	29524	30.42088	0	0	1	1	0	0	0	0
2009	8	8/1/2009		2	29559	29.7259	0	0	1	1	0	0	0	0
2009	9	9/1/2009		2	29581	30.07223	0	0	1	1	0	0	0	0
2009	10	10/1/2009		2	29614	29.94246	0	0	1	1	0	0	0	0
2009	11	11/1/2009		2	29595	29.37804	0	0	1	1	0	0	0	0
2009	12	12/1/2009		2	29635	32.56418	0	0	1	1	0	0	0	0
2010	1	1/1/2010		2	29670	33.06438	0	0	1	1	0	0	0	0
2010	2	2/1/2010		2	29652	29.20335	0	0	1	1	0	0	0	0
2010	3	3/1/2010		2	29669	29.32842	0	0	1	1	0	0	0	0
2010	4	4/1/2010		2	29699	30.82687	0	0	1	1	0	0	0	0
2010	5	5/1/2010		2	29710	29.4021	0	0	1	1	0	0	0	0
2010	6	6/1/2010		2	29863	30.81694	0	0	1	1	0	0	0	0
2010	7	7/1/2010		2	29814	30.46574	0	0	1	1	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2010	8	8/1/2010	2	29867	29.69271	0	0	1	1	1	0	0	0	0
2010	9	9/1/2010	2	29864	30.26195	0	0	1	1	1	0	0	0	0
2010	10	10/1/2010	2	29878	29.76451	0	0	1	1	1	0	0	0	0
2010	11	11/1/2010	2	29971	29.33453	0	0	1	1	1	0	0	0	0
2010	12	12/1/2010	2	29828	32.58642	0	0	1	1	1	0	0	0	0
2011	1	1/1/2011	2	30017	32.88722	0	0	1	1	1	0	0	0	0
2011	2	2/1/2011	2	29782	29.41533	0	0	1	1	1	0	0	0	0
2011	3	3/1/2011	2	29964	29.44575	0	0	1	1	1	0	0	0	0
2011	4	4/1/2011	2	29852	29.71786	0	0	1	1	1	0	0	0	0
2011	5	5/1/2011	2	29900	30.59681	0	0	1	1	1	0	0	0	0
2011	6	6/1/2011	2	29936	30.51057	0	0	1	1	1	0	0	0	0
2011	7	7/1/2011	2	29908	30.59035	0	0	1	1	1	0	0	0	0
2011	8	8/1/2011	2	30057	29.53099	0	0	1	1	1	0	0	0	0
2011	9	9/1/2011	2	30031	30.32198	0	0	1	1	1	0	0	0	0
2011	10	10/1/2011	2	30047	29.90229	0	0	1	1	1	0	0	0	0
2011	11	11/1/2011	2	30046	29.46609	0	0	1	1	1	0	0	0	0
2011	12	12/1/2011	2	30032	32.3939	0	0	1	1	1	0	0	0	0
2012	1	1/1/2012	2	30029	32.66231	0	0	1	1	1	0	0	0	0
2012	2	2/1/2012	2	29991	29.89488	0	0	1	1	1	0	0	0	0
2012	3	3/1/2012	2	29891	29.29178	0	0	1	1	1	0	0	0	0
2012	4	4/1/2012	2	29979	30.06495	0	0	1	1	1	0	0	0	0
2012	5	5/1/2012	2	30000	30.07346	0	0	1	1	1	0	0	0	0
2012	6	6/1/2012	2	30057	30.67969	0	0	1	1	1	0	0	0	0
2012	7	7/1/2012	2	30096	30.95862	0	0	1	1	1	0	0	0	0
2012	8	8/1/2012	2	30111	29.19612	0	0	1	1	1	0	0	0	0
2012	9	9/1/2012	2	30146	30.61281	0	0	1	1	1	0	0	0	0
2012	10	10/1/2012	2	30087	29.45825	0	0	1	1	1	0	0	0	0
2012	11	11/1/2012	2	30157	29.72747	0	0	1	1	1	0	0	0	0
2012	12	12/1/2012	2	30165	32.08294	0	0	1	1	1	0	0	0	0
2013	1	1/1/2013	2	30181	32.6433	0	0	1	1	1	0	0	0	0
2013	2	2/1/2013	2		29.61738	0	0	1	1	1	0	0	0	0
2013	3	3/1/2013	2		29.1565	0	0	1	1	1	0	0	0	0
2013	4	4/1/2013	2		30.06848	0	0	1	1	1	0	0	0	0
2013	5	5/1/2013	2		29.67696	0	0	1	1	1	0	0	0	0
2013	6	6/1/2013	2		30.94824	0	0	1	1	1	0	0	0	0
2013	7	7/1/2013	2		30.56429	0	0	1	1	1	0	0	0	0
2013	8	8/1/2013	2		29.25231	0	0	1	1	1	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2013	9	9/1/2013	2		30.40286	0	0	1	1	1	0	0	0	0
2013	10	10/1/2013	2		29.75528	0	0	1	1	1	0	0	0	0
2013	11	11/1/2013	2		29.55412	0	0	1	1	1	0	0	0	0
2013	12	12/1/2013	2		32.2632	0	0	1	1	1	0	0	0	0
2014	1	1/1/2014	2		32.94162	0	0	1	1	1	0	0	0	0
2014	2	2/1/2014	2		29.61738	0	0	1	1	1	0	0	0	0
2014	3	3/1/2014	2		29.1565	0	0	1	1	1	0	0	0	0
2014	4	4/1/2014	2		30.06848	0	0	1	1	1	0	0	0	0
2014	5	5/1/2014	2		29.67696	0	0	1	1	1	0	0	0	0
2014	6	6/1/2014	2		30.94824	0	0	1	1	1	0	0	0	0
2014	7	7/1/2014	2		30.56429	0	0	1	1	1	0	0	0	0
2014	8	8/1/2014	2		29.25231	0	0	1	1	1	0	0	0	0
2014	9	9/1/2014	2		30.40286	0	0	1	1	1	0	0	0	0
2014	10	10/1/2014	2		29.75528	0	0	1	1	1	0	0	0	0
2014	11	11/1/2014	2		29.55412	0	0	1	1	1	0	0	0	0
2014	12	12/1/2014	2		32.2632	0	0	1	1	1	0	0	0	0
2015	1	1/1/2015	2		32.94162	0	0	1	1	1	0	0	0	0
2015	2	2/1/2015	2		29.61738	0	0	1	1	1	0	0	0	0
2015	3	3/1/2015	2		29.1565	0	0	1	1	1	0	0	0	0
2015	4	4/1/2015	2		30.06848	0	0	1	1	1	0	0	0	0
2015	5	5/1/2015	2		29.67696	0	0	1	1	1	0	0	0	0
2015	6	6/1/2015	2		30.94824	0	0	1	1	1	0	0	0	0
2015	7	7/1/2015	2		30.56429	0	0	1	1	1	0	0	0	0
2015	8	8/1/2015	2		29.25231	0	0	1	1	1	0	0	0	0
2015	9	9/1/2015	2		30.40286	0	0	1	1	1	0	0	0	0
2015	10	10/1/2015	2		29.75528	0	0	1	1	1	0	0	0	0
2015	11	11/1/2015	2		29.55412	0	0	1	1	1	0	0	0	0
2015	12	12/1/2015	2		32.2632	0	0	1	1	1	0	0	0	0
2016	1	1/1/2016	2		32.94162	0	0	1	1	1	0	0	0	0
2016	2	2/1/2016	2		29.61738	0	0	1	1	1	0	0	0	0
2016	3	3/1/2016	2		29.1565	0	0	1	1	1	0	0	0	0
2016	4	4/1/2016	2		30.06848	0	0	1	1	1	0	0	0	0
2016	5	5/1/2016	2		29.67696	0	0	1	1	1	0	0	0	0
2016	6	6/1/2016	2		30.94824	0	0	1	1	1	0	0	0	0
2016	7	7/1/2016	2		30.56429	0	0	1	1	1	0	0	0	0
2016	8	8/1/2016	2		29.25231	0	0	1	1	1	0	0	0	0
2016	9	9/1/2016	2		30.40286	0	0	1	1	1	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2016	10	10/1/2016	2		29.75528	0	0	0	1	1	0	0	0
2016	11	11/1/2016	2		29.55412	0	0	0	1	1	0	0	0
2016	12	12/1/2016	2		32.2632	0	0	0	1	1	0	0	0
2003	1	1/1/2003	3.1	944	31.34318	0	0	0	0	0	1	0	0
2003	2	2/1/2003	3.1	943	29.29509	0	0	0	0	0	1	0	0
2003	3	3/1/2003	3.1	937	30.01376	0	0	0	0	0	1	0	0
2003	4	4/1/2003	3.1	970	30.2547	0	0	0	0	0	1	0	0
2003	5	5/1/2003	3.1	935	29.92142	0	0	0	0	0	1	0	0
2003	6	6/1/2003	3.1	931	30.73023	0	0	0	0	0	1	0	0
2003	7	7/1/2003	3.1	933	30.94672	0	0	0	0	0	1	0	0
2003	8	8/1/2003	3.1	926	30.44573	0	0	0	0	0	1	0	0
2003	9	9/1/2003	3.1	922	30.1493	0	0	0	0	0	1	0	0
2003	10	10/1/2003	3.1	918	30.5901	0	0	0	0	0	1	0	0
2003	11	11/1/2003	3.1	924	29.78767	0	0	0	0	0	1	0	0
2003	12	12/1/2003	3.1	945	32.00953	0	0	0	0	0	1	0	0
2004	1	1/1/2004	3.1	939	31.42114	0	0	0	0	0	1	0	0
2004	2	2/1/2004	3.1	939	29.088	0	0	0	0	0	1	0	0
2004	3	3/1/2004	3.1	938	30.68507	0	0	0	0	0	1	0	0
2004	4	4/1/2004	3.1	939	30.05466	0	0	0	0	0	1	0	0
2004	5	5/1/2004	3.1	943	30.48319	0	0	0	0	0	1	0	0
2004	6	6/1/2004	3.1	935	30.5535	0	0	0	0	0	1	0	0
2004	7	7/1/2004	3.1	936	30.21244	0	0	0	0	0	1	0	0
2004	8	8/1/2004	3.1	934	30.93164	0	0	0	0	0	1	0	0
2004	9	9/1/2004	3.1	933	30.47892	0	0	0	0	0	1	0	0
2004	10	10/1/2004	3.1	934	30.37667	0	0	0	0	0	1	0	0
2004	11	11/1/2004	3.1	924	29.7639	0	0	0	0	0	1	0	0
2004	12	12/1/2004	3.1	929	32.24281	0	0	0	0	0	1	0	0
2005	1	1/1/2005	3.1	933	31.19421	0	0	0	0	0	1	0	0
2005	2	2/1/2005	3.1	929	29.65061	0	0	0	0	0	1	0	0
2005	3	3/1/2005	3.1	942	29.78857	0	0	0	0	0	1	0	0
2005	4	4/1/2005	3.1	929	31.01519	0	0	0	0	0	1	0	0
2005	5	5/1/2005	3.1	932	29.3165	0	0	0	0	0	1	0	0
2005	6	6/1/2005	3.1	934	31.02081	0	0	0	0	0	1	0	0
2005	7	7/1/2005	3.1	930	30.85278	0	0	0	0	0	1	0	0
2005	8	8/1/2005	3.1	935	30.40478	0	0	0	0	0	1	0	0
2005	9	9/1/2005	3.1	937	29.8515	0	0	0	0	0	1	0	0
2005	10	10/1/2005	3.1	938	30.42046	0	0	0	0	0	1	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2005	11	11/1/2005	3.1	936	30.32964	0	0	0	0	0	1	0	0	0
2005	12	12/1/2005	3.1	941	31.47111	0	0	0	0	0	1	0	0	0
2006	1	1/1/2006	3.1	948	31.4142	0	0	0	0	0	1	0	0	0
2006	2	2/1/2006	3.1	939	29.14665	0	0	0	0	0	1	0	0	0
2006	3	3/1/2006	3.1	953	29.56764	0	0	0	0	0	1	0	0	0
2006	4	4/1/2006	3.1	946	29.69427	0	0	0	0	0	1	0	0	0
2006	5	5/1/2006	3.1	943	29.96456	0	0	0	0	0	1	0	0	0
2006	6	6/1/2006	3.1	955	30.61639	0	0	0	0	0	1	0	0	0
2006	7	7/1/2006	3.1	947	30.85364	0	0	0	0	0	1	0	0	0
2006	8	8/1/2006	3.1	942	30.32618	0	0	0	0	0	1	0	0	0
2006	9	9/1/2006	3.1	942	30.43031	0	0	0	0	0	1	0	0	0
2006	10	10/1/2006	3.1	942	30.436	0	0	0	0	0	1	0	0	0
2006	11	11/1/2006	3.1	945	31.00418	0	0	0	0	0	1	0	0	0
2006	12	12/1/2006	3.1	945	30.87033	0	0	0	0	0	1	0	0	0
2007	1	1/1/2007	3.1	950	31.69911	0	0	0	0	0	1	0	0	0
2007	2	2/1/2007	3.1	944	29.23548	0	0	0	0	0	1	0	0	0
2007	3	3/1/2007	3.1	939	30.42645	0	0	0	0	0	1	0	0	0
2007	4	4/1/2007	3.1	936	30.13502	0	0	0	0	0	1	0	0	0
2007	5	5/1/2007	3.1	932	30.73249	0	0	0	0	0	1	0	0	0
2007	6	6/1/2007	3.1	945	30.1377	0	0	0	0	0	1	0	0	0
2007	7	7/1/2007	3.1	942	30.09714	0	0	0	0	0	1	0	0	0
2007	8	8/1/2007	3.1	942	30.7592	0	0	0	0	0	1	0	0	0
2007	9	9/1/2007	3.1	943	30.50425	0	0	0	0	0	1	0	0	0
2007	10	10/1/2007	3.1	937	29.6435	0	0	0	0	0	1	0	0	0
2007	11	11/1/2007	3.1	938	31.06712	0	0	0	0	0	1	0	0	0
2007	12	12/1/2007	3.1	936	30.88226	0	0	0	0	0	1	0	0	0
2008	1	1/1/2008	3.1	938	31.27191	0	0	0	0	0	1	0	0	0
2008	2	2/1/2008	3.1	941	29.39088	0	0	0	0	0	1	0	0	0
2008	3	3/1/2008	3.1	953	29.94087	0	0	0	0	0	1	0	0	0
2008	4	4/1/2008	3.1	948	30.69812	0	0	0	0	0	1	0	0	0
2008	5	5/1/2008	3.1	949	30.51485	0	0	0	0	0	1	0	0	0
2008	6	6/1/2008	3.1	957	30.33335	0	0	0	0	0	1	0	0	0
2008	7	7/1/2008	3.1	957	30.67491	0	0	0	0	0	1	0	0	0
2008	8	8/1/2008	3.1	951	29.80758	0	0	0	0	0	1	0	0	0
2008	9	9/1/2008	3.1	966	30.44681	0	0	0	0	0	0	0	0	0
2008	10	10/1/2008	3.1	972	30.35594	0	0	0	0	0	0	0	0	0
2008	11	11/1/2008	3.1	969	30.27273	0	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2008	12	12/1/2008	3.1	969	31.11585	0	0	0	0	0	0	0	0
2009	1	1/1/2009	3.1	973	31.19212	0	0	0	0	0	0	0	0
2009	2	2/1/2009	3.1	971	29.71592	0	0	0	0	0	0	0	0
2009	3	3/1/2009	3.1	973	30.07762	0	0	0	0	0	0	0	0
2009	4	4/1/2009	3.1	976	30.90484	0	0	0	0	0	0	0	0
2009	5	5/1/2009	3.1	969	29.70779	0	0	0	0	0	0	0	0
2009	6	6/1/2009	3.1	978	30.55197	0	0	0	0	0	0	0	0
2009	7	7/1/2009	3.1	967	31.24147	0	0	0	0	0	0	0	0
2009	8	8/1/2009	3.1	973	30.64232	0	0	0	0	0	0	0	0
2009	9	9/1/2009	3.1	967	29.97701	0	0	0	0	0	0	0	0
2009	10	10/1/2009	3.1	968	30.48719	0	0	0	0	0	0	0	0
2009	11	11/1/2009	3.1	970	29.26297	0	0	0	0	0	0	0	0
2009	12	12/1/2009	3.1	972	32.33659	0	0	0	0	0	0	0	0
2010	1	1/1/2010	3.1	971	31.56376	0	0	0	0	0	0	0	0
2010	2	2/1/2010	3.1	969	29.05639	0	0	0	0	0	0	0	0
2010	3	3/1/2010	3.1	982	29.67902	0	0	0	0	0	0	0	0
2010	4	4/1/2010	3.1	972	30.06899	0	0	0	0	0	0	0	0
2010	5	5/1/2010	3.1	971	29.21218	0	0	0	0	0	0	0	0
2010	6	6/1/2010	3.1	985	30.68191	0	0	0	0	0	0	0	0
2010	7	7/1/2010	3.1	971	30.69638	0	0	0	0	0	0	0	0
2010	8	8/1/2010	3.1	970	30.32272	0	0	0	0	0	0	0	0
2010	9	9/1/2010	3.1	966	30.24958	0	0	0	0	0	0	0	0
2010	10	10/1/2010	3.1	958	30.24307	0	0	0	0	0	0	0	0
2010	11	11/1/2010	3.1	963	30.33854	0	0	0	0	0	0	0	0
2010	12	12/1/2010	3.1	952	31.52203	0	0	0	0	0	0	0	0
2011	1	1/1/2011	3.1	957	30.64465	0	0	0	0	0	0	0	0
2011	2	2/1/2011	3.1	957	29.49787	0	0	0	0	0	0	0	0
2011	3	3/1/2011	3.1	964	28.56145	0	0	0	0	0	0	0	0
2011	4	4/1/2011	3.1	958	30.46417	0	0	0	0	0	0	0	0
2011	5	5/1/2011	3.1	956	29.83759	0	0	0	0	0	0	0	0
2011	6	6/1/2011	3.1	954	31.05698	0	0	0	0	0	0	0	0
2011	7	7/1/2011	3.1	950	30.70798	0	0	0	0	0	0	0	0
2011	8	8/1/2011	3.1	947	30.19008	0	0	0	0	0	0	0	0
2011	9	9/1/2011	3.1	950	30.52631	0	0	0	0	0	0	0	0
2011	10	10/1/2011	3.1	948	29.95186	0	0	0	0	0	0	0	0
2011	11	11/1/2011	3.1	949	30.44695	0	0	0	0	0	0	0	0
2011	12	12/1/2011	3.1	948	31.62634	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2012	1	1/1/2012	3.1	944	32.34185	0	0	0	0	0	0	0	0
2012	2	2/1/2012	3.1	944	29.86605	0	0	0	0	0	0	0	0
2012	3	3/1/2012	3.1	947	29.71899	0	0	0	0	0	0	0	0
2012	4	4/1/2012	3.1	945	30.4367	0	0	0	0	0	0	0	0
2012	5	5/1/2012	3.1	942	30.63949	0	0	0	0	0	0	0	0
2012	6	6/1/2012	3.1	940	30.13289	0	0	0	0	0	0	0	0
2012	7	7/1/2012	3.1	942	30.97567	0	0	0	0	0	0	0	0
2012	8	8/1/2012	3.1	954	30.23946	0	0	0	0	0	0	0	0
2012	9	9/1/2012	3.1	953	29.3432	0	0	0	0	0	0	0	0
2012	10	10/1/2012	3.1	946	29.7	0	0	0	0	0	0	0	0
2012	11	11/1/2012	3.1	941	30	0	0	0	0	0	0	0	0
2012	12	12/1/2012	3.1	948	31	0	0	0	0	0	0	0	0
2013	1	1/1/2013	3.1	934	31	0	0	0	0	0	0	0	0
2013	2	2/1/2013	3.1		29.34469	0	0	0	0	0	0	0	0
2013	3	3/1/2013	3.1		29.92985	0	0	0	0	0	0	0	0
2013	4	4/1/2013	3.1		30.31369	0	0	0	0	0	0	0	0
2013	5	5/1/2013	3.1		29.97721	0	0	0	0	0	0	0	0
2013	6	6/1/2013	3.1		30.6559	0	0	0	0	0	0	0	0
2013	7	7/1/2013	3.1		30.72115	0	0	0	0	0	0	0	0
2013	8	8/1/2013	3.1		30.46703	0	0	0	0	0	0	0	0
2013	9	9/1/2013	3.1		30.21161	0	0	0	0	0	0	0	0
2013	10	10/1/2013	3.1		30.34145	0	0	0	0	0	0	0	0
2013	11	11/1/2013	3.1		30.09389	0	0	0	0	0	0	0	0
2013	12	12/1/2013	3.1		31.70775	0	0	0	0	0	0	0	0
2014	1	1/1/2014	3.1		31.358	0	0	0	0	0	0	0	0
2014	2	2/1/2014	3.1		29.34469	0	0	0	0	0	0	0	0
2014	3	3/1/2014	3.1		29.92985	0	0	0	0	0	0	0	0
2014	4	4/1/2014	3.1		30.31369	0	0	0	0	0	0	0	0
2014	5	5/1/2014	3.1		29.97721	0	0	0	0	0	0	0	0
2014	6	6/1/2014	3.1		30.6559	0	0	0	0	0	0	0	0
2014	7	7/1/2014	3.1		30.72115	0	0	0	0	0	0	0	0
2014	8	8/1/2014	3.1		30.46703	0	0	0	0	0	0	0	0
2014	9	9/1/2014	3.1		30.21161	0	0	0	0	0	0	0	0
2014	10	10/1/2014	3.1		30.34145	0	0	0	0	0	0	0	0
2014	11	11/1/2014	3.1		30.09389	0	0	0	0	0	0	0	0
2014	12	12/1/2014	3.1		31.70775	0	0	0	0	0	0	0	0
2015	1	1/1/2015	3.1		31.358	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2015	2	2/1/2015	3.1		29.34469	0	0	0	0	0	0	0	0
2015	3	3/1/2015	3.1		29.92985	0	0	0	0	0	0	0	0
2015	4	4/1/2015	3.1		30.31369	0	0	0	0	0	0	0	0
2015	5	5/1/2015	3.1		29.97721	0	0	0	0	0	0	0	0
2015	6	6/1/2015	3.1		30.65559	0	0	0	0	0	0	0	0
2015	7	7/1/2015	3.1		30.72115	0	0	0	0	0	0	0	0
2015	8	8/1/2015	3.1		30.46703	0	0	0	0	0	0	0	0
2015	9	9/1/2015	3.1		30.21161	0	0	0	0	0	0	0	0
2015	10	10/1/2015	3.1		30.34145	0	0	0	0	0	0	0	0
2015	11	11/1/2015	3.1		30.09389	0	0	0	0	0	0	0	0
2015	12	12/1/2015	3.1		31.70775	0	0	0	0	0	0	0	0
2016	1	1/1/2016	3.1		31.358	0	0	0	0	0	0	0	0
2016	2	2/1/2016	3.1		29.34469	0	0	0	0	0	0	0	0
2016	3	3/1/2016	3.1		29.92985	0	0	0	0	0	0	0	0
2016	4	4/1/2016	3.1		30.31369	0	0	0	0	0	0	0	0
2016	5	5/1/2016	3.1		29.97721	0	0	0	0	0	0	0	0
2016	6	6/1/2016	3.1		30.65559	0	0	0	0	0	0	0	0
2016	7	7/1/2016	3.1		30.72115	0	0	0	0	0	0	0	0
2016	8	8/1/2016	3.1		30.46703	0	0	0	0	0	0	0	0
2016	9	9/1/2016	3.1		30.21161	0	0	0	0	0	0	0	0
2016	10	10/1/2016	3.1		30.34145	0	0	0	0	0	0	0	0
2016	11	11/1/2016	3.1		30.09389	0	0	0	0	0	0	0	0
2016	12	12/1/2016	3.1		31.70775	0	0	0	0	0	0	0	0
2003	1	1/1/2003	3.15	519	32.12939	0	0	0	0	0	0	0	0
2003	2	2/1/2003	3.15	516	29.49731	0	0	0	0	0	0	0	0
2003	3	3/1/2003	3.15	549	29.75288	0	0	0	0	0	0	0	0
2003	4	4/1/2003	3.15	525	29.6743	0	0	0	0	0	0	0	0
2003	5	5/1/2003	3.15	516	28.83606	0	0	0	0	0	0	0	0
2003	6	6/1/2003	3.15	518	30.05578	0	0	0	0	0	0	0	0
2003	7	7/1/2003	3.15	509	30.70315	0	0	0	0	0	0	0	0
2003	8	8/1/2003	3.15	517	28.74418	0	0	0	0	0	0	0	0
2003	9	9/1/2003	3.15	512	30.46651	0	0	0	0	0	0	0	0
2003	10	10/1/2003	3.15	502	29.39848	0	0	0	0	0	0	0	0
2003	11	11/1/2003	3.15	515	29.8993	0	0	0	0	0	0	0	0
2003	12	12/1/2003	3.15	533	33.23109	0	0	0	0	0	0	0	0
2004	1	1/1/2004	3.15	530	32.51623	0	0	0	0	0	0	0	0
2004	2	2/1/2004	3.15	528	29.16605	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2004	3	3/1/2004	3.15	523	29.69061	0	0	0	0	0	0	0	0
2004	4	4/1/2004	3.15	523	29.92032	0	0	0	0	0	0	0	0
2004	5	5/1/2004	3.15	528	28.42599	0	0	0	0	0	0	0	0
2004	6	6/1/2004	3.15	518	30.76011	0	0	0	0	0	0	0	0
2004	7	7/1/2004	3.15	517	30.96622	0	0	0	0	0	0	0	0
2004	8	8/1/2004	3.15	517	29.30248	0	0	0	0	0	0	0	0
2004	9	9/1/2004	3.15	516	30.205	0	0	0	0	0	0	0	0
2004	10	10/1/2004	3.15	512	29.4353	0	0	0	0	0	0	0	0
2004	11	11/1/2004	3.15	520	29.29673	0	0	0	0	0	0	0	0
2004	12	12/1/2004	3.15	515	33.5674	0	0	0	0	0	0	0	0
2005	1	1/1/2005	3.15	518	31.36259	0	0	0	0	0	0	0	0
2005	2	2/1/2005	3.15	515	29.39729	0	0	0	0	0	0	0	0
2005	3	3/1/2005	3.15	521	30.55127	0	0	0	0	0	0	0	0
2005	4	4/1/2005	3.15	507	29.99627	0	0	0	0	0	0	0	0
2005	5	5/1/2005	3.15	498	29.01906	0	0	0	0	0	0	0	0
2005	6	6/1/2005	3.15	518	28.48873	0	0	0	0	0	0	0	0
2005	7	7/1/2005	3.15	511	30.62609	0	0	0	0	0	0	0	0
2005	8	8/1/2005	3.15	522	29.29777	0	0	0	0	0	0	0	0
2005	9	9/1/2005	3.15	513	30.93929	0	0	0	0	0	0	0	0
2005	10	10/1/2005	3.15	516	29.4993	0	0	0	0	0	0	0	0
2005	11	11/1/2005	3.15	506	30.00235	0	0	0	0	0	0	0	0
2005	12	12/1/2005	3.15	506	32.59584	0	0	0	0	0	0	0	0
2006	1	1/1/2006	3.15	505	32.50934	0	0	0	0	0	0	0	0
2006	2	2/1/2006	3.15	504	29.9286	0	0	0	0	0	0	0	0
2006	3	3/1/2006	3.15	509	29.01676	0	0	0	0	0	0	0	0
2006	4	4/1/2006	3.15	499	29.10633	0	0	0	0	0	0	0	0
2006	5	5/1/2006	3.15	497	29.06314	0	0	0	0	0	0	0	0
2006	6	6/1/2006	3.15	499	30.91848	0	0	0	0	0	0	0	0
2006	7	7/1/2006	3.15	505	30.56557	0	0	0	0	0	0	0	0
2006	8	8/1/2006	3.15	510	29.1879	0	0	0	0	0	0	0	0
2006	9	9/1/2006	3.15	508	31.28174	0	0	0	0	0	0	0	0
2006	10	10/1/2006	3.15	511	29.41768	0	0	0	0	0	0	0	0
2006	11	11/1/2006	3.15	507	30.03943	0	0	0	0	0	0	0	0
2006	12	12/1/2006	3.15	503	32.74669	0	0	0	0	0	0	0	0
2007	1	1/1/2007	3.15	500	32.43265	0	0	0	0	0	0	0	0
2007	2	2/1/2007	3.15	493	29.27995	0	0	0	0	0	0	0	0
2007	3	3/1/2007	3.15	497	29.33134	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2007	4	4/1/2007	3.15	488	30.47752	0	0	0	0	0	0	0	0
2007	5	5/1/2007	3.15	484	29.92622	0	0	0	0	0	0	0	0
2007	6	6/1/2007	3.15	481	30.44972	0	0	0	0	0	0	0	0
2007	7	7/1/2007	3.15	491	29.96382	0	0	0	0	0	0	0	0
2007	8	8/1/2007	3.15	490	29.61587	0	0	0	0	0	0	0	0
2007	9	9/1/2007	3.15	485	30.83224	0	0	0	0	0	0	0	0
2007	10	10/1/2007	3.15	480	29.4706	0	0	0	0	0	0	0	0
2007	11	11/1/2007	3.15	476	30.88824	0	0	0	0	0	0	0	0
2007	12	12/1/2007	3.15	471	31.92093	0	0	0	0	0	0	0	0
2008	1	1/1/2008	3.15	473	32.78802	0	0	0	0	0	0	0	0
2008	2	2/1/2008	3.15	475	29.05014	0	0	0	0	0	0	0	0
2008	3	3/1/2008	3.15	469	29.53445	0	0	0	0	0	0	0	0
2008	4	4/1/2008	3.15	462	30.06878	0	0	0	0	0	0	0	0
2008	5	5/1/2008	3.15	461	29.95926	0	0	0	0	0	0	0	0
2008	6	6/1/2008	3.15	460	30.49675	0	0	0	0	0	0	0	0
2008	7	7/1/2008	3.15	466	30.56879	0	0	0	0	0	0	0	0
2008	8	8/1/2008	3.15	460	28.93535	0	0	0	0	0	0	0	0
2008	9	9/1/2008	3.15	464	30.41088	0	0	0	0	0	0	0	0
2008	10	10/1/2008	3.15	469	29.71234	0	0	0	0	0	0	0	0
2008	11	11/1/2008	3.15	467	29.5223	0	0	0	0	0	0	0	0
2008	12	12/1/2008	3.15	468	32.41899	0	0	0	0	0	0	0	0
2009	1	1/1/2009	3.15	461	33.40314	0	0	0	0	0	0	0	0
2009	2	2/1/2009	3.15	468	29.84468	0	0	0	0	0	0	0	0
2009	3	3/1/2009	3.15	467	29.06563	0	0	0	0	0	0	0	0
2009	4	4/1/2009	3.15	457	30.71509	0	0	0	0	0	0	0	0
2009	5	5/1/2009	3.15	455	30.10165	0	0	0	0	0	0	0	0
2009	6	6/1/2009	3.15	459	30.11969	0	0	0	0	0	0	0	0
2009	7	7/1/2009	3.15	452	30.78164	0	0	0	0	0	0	0	0
2009	8	8/1/2009	3.15	452	29.83707	0	0	0	0	0	0	0	0
2009	9	9/1/2009	3.15	470	30.12304	0	0	0	0	0	0	0	0
2009	10	10/1/2009	3.15	441	29.68633	0	0	0	0	0	0	0	0
2009	11	11/1/2009	3.15	445	29.51476	0	0	0	0	0	0	0	0
2009	12	12/1/2009	3.15	439	33.32768	0	0	0	0	0	0	0	0
2010	1	1/1/2010	3.15	448	32.32038	0	0	0	0	0	0	0	0
2010	2	2/1/2010	3.15	441	29.21533	0	0	0	0	0	0	0	0
2010	3	3/1/2010	3.15	447	28.93716	0	0	0	0	0	0	0	0
2010	4	4/1/2010	3.15	447	31.02794	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2010	5	5/1/2010	3.15	447	29.56155	0	0	0	0	0	0	0	0
2010	6	6/1/2010	3.15	449	30.50746	0	0	0	0	0	0	0	0
2010	7	7/1/2010	3.15	452	30.61433	0	0	0	0	0	0	0	0
2010	8	8/1/2010	3.15	449	29.75544	0	0	0	0	0	0	0	0
2010	9	9/1/2010	3.15	442	30.21293	0	0	0	0	0	0	0	0
2010	10	10/1/2010	3.15	441	29.99072	0	0	0	0	0	0	0	0
2010	11	11/1/2010	3.15	445	29.43666	0	0	0	0	0	0	0	0
2010	12	12/1/2010	3.15	431	33.09494	0	0	0	0	0	0	0	0
2011	1	1/1/2011	3.15	449	32.55373	0	0	0	0	0	0	0	0
2011	2	2/1/2011	3.15	443	29.50522	0	0	0	0	0	0	0	0
2011	3	3/1/2011	3.15	448	29.45828	0	0	0	0	0	0	0	0
2011	4	4/1/2011	3.15	447	30.21934	0	0	0	0	0	0	0	0
2011	5	5/1/2011	3.15	448	30.07509	0	0	0	0	0	0	0	0
2011	6	6/1/2011	3.15	446	30.71528	0	0	0	0	0	0	0	0
2011	7	7/1/2011	3.15	436	30.64886	0	0	0	0	0	0	0	0
2011	8	8/1/2011	3.15	442	29.30918	0	0	0	0	0	0	0	0
2011	9	9/1/2011	3.15	441	30.61715	0	0	0	0	0	0	0	0
2011	10	10/1/2011	3.15	438	29.91053	0	0	0	0	0	0	0	0
2011	11	11/1/2011	3.15	437	29.95485	0	0	0	0	0	0	0	0
2011	12	12/1/2011	3.15	431	32.63879	0	0	0	0	0	0	0	0
2012	1	1/1/2012	3.15	425	32.36024	0	0	0	0	0	0	0	0
2012	2	2/1/2012	3.15	414	29.93872	0	0	0	0	0	0	0	0
2012	3	3/1/2012	3.15	421	29.47092	0	0	0	0	0	0	0	0
2012	4	4/1/2012	3.15	416	30.18041	0	0	0	0	0	0	0	0
2012	5	5/1/2012	3.15	419	29.91598	0	0	0	0	0	0	0	0
2012	6	6/1/2012	3.15	414	30.85931	0	0	0	0	0	0	0	0
2012	7	7/1/2012	3.15	413	30.35175	0	0	0	0	0	0	0	0
2012	8	8/1/2012	3.15	409	29.67779	0	0	0	0	0	0	0	0
2012	9	9/1/2012	3.15	405	30.56735	0	0	0	0	0	0	0	0
2012	10	10/1/2012	3.15	405	29.71588	0	0	0	0	0	0	0	0
2012	11	11/1/2012	3.15	401	30.52867	0	0	0	0	0	0	0	0
2012	12	12/1/2012	3.15	397	31.92361	0	0	0	0	0	0	0	0
2013	1	1/1/2013	3.15	409	32.54698	0	0	0	0	0	0	0	0
2013	2	2/1/2013	3.15		29.48982	0	0	0	0	0	0	0	0
2013	3	3/1/2013	3.15		29.61691	0	0	0	0	0	0	0	0
2013	4	4/1/2013	3.15		29.90647	0	0	0	0	0	0	0	0
2013	5	5/1/2013	3.15		29.16223	0	0	0	0	0	0	0	0

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Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2013	6	6/1/2013	3.15		30.19645	0	0	0	0	0	0	0	0
2013	7	7/1/2013	3.15		30.64714	0	0	0	0	0	0	0	0
2013	8	8/1/2013	3.15		29.24969	0	0	0	0	0	0	0	0
2013	9	9/1/2013	3.15		30.64438	0	0	0	0	0	0	0	0
2013	10	10/1/2013	3.15		29.53404	0	0	0	0	0	0	0	0
2013	11	11/1/2013	3.15		29.82056	0	0	0	0	0	0	0	0
2013	12	12/1/2013	3.15		32.93902	0	0	0	0	0	0	0	0
2014	1	1/1/2014	3.15		32.29603	0	0	0	0	0	0	0	0
2014	2	2/1/2014	3.15		29.48982	0	0	0	0	0	0	0	0
2014	3	3/1/2014	3.15		29.61691	0	0	0	0	0	0	0	0
2014	4	4/1/2014	3.15		29.90647	0	0	0	0	0	0	0	0
2014	5	5/1/2014	3.15		29.16223	0	0	0	0	0	0	0	0
2014	6	6/1/2014	3.15		30.19645	0	0	0	0	0	0	0	0
2014	7	7/1/2014	3.15		30.64714	0	0	0	0	0	0	0	0
2014	8	8/1/2014	3.15		29.24969	0	0	0	0	0	0	0	0
2014	9	9/1/2014	3.15		30.64438	0	0	0	0	0	0	0	0
2014	10	10/1/2014	3.15		29.53404	0	0	0	0	0	0	0	0
2014	11	11/1/2014	3.15		29.82056	0	0	0	0	0	0	0	0
2014	12	12/1/2014	3.15		32.93902	0	0	0	0	0	0	0	0
2015	1	1/1/2015	3.15		32.29603	0	0	0	0	0	0	0	0
2015	2	2/1/2015	3.15		29.48982	0	0	0	0	0	0	0	0
2015	3	3/1/2015	3.15		29.61691	0	0	0	0	0	0	0	0
2015	4	4/1/2015	3.15		29.90647	0	0	0	0	0	0	0	0
2015	5	5/1/2015	3.15		29.16223	0	0	0	0	0	0	0	0
2015	6	6/1/2015	3.15		30.19645	0	0	0	0	0	0	0	0
2015	7	7/1/2015	3.15		30.64714	0	0	0	0	0	0	0	0
2015	8	8/1/2015	3.15		29.24969	0	0	0	0	0	0	0	0
2015	9	9/1/2015	3.15		30.64438	0	0	0	0	0	0	0	0
2015	10	10/1/2015	3.15		29.53404	0	0	0	0	0	0	0	0
2015	11	11/1/2015	3.15		29.82056	0	0	0	0	0	0	0	0
2015	12	12/1/2015	3.15		32.93902	0	0	0	0	0	0	0	0
2016	1	1/1/2016	3.15		32.29603	0	0	0	0	0	0	0	0
2016	2	2/1/2016	3.15		29.48982	0	0	0	0	0	0	0	0
2016	3	3/1/2016	3.15		29.61691	0	0	0	0	0	0	0	0
2016	4	4/1/2016	3.15		29.90647	0	0	0	0	0	0	0	0
2016	5	5/1/2016	3.15		29.16223	0	0	0	0	0	0	0	0
2016	6	6/1/2016	3.15		30.19645	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2016	7	7/1/2016	3.15		30.64714	0	0	0	0	0	0	0	0
2016	8	8/1/2016	3.15		29.24969	0	0	0	0	0	0	0	0
2016	9	9/1/2016	3.15		30.64438	0	0	0	0	0	0	0	0
2016	10	10/1/2016	3.15		29.53404	0	0	0	0	0	0	0	0
2016	11	11/1/2016	3.15		29.82056	0	0	0	0	0	0	0	0
2016	12	12/1/2016	3.15		32.93902	0	0	0	0	0	0	0	0
2003	1	1/1/2003	3.2	4	31.34318	0	0	0	0	0	0	0	0
2003	2	2/1/2003	3.2	5	29.29509	0	0	0	0	0	0	0	0
2003	3	3/1/2003	3.2	5	30.01376	0	0	0	0	0	0	0	0
2003	4	4/1/2003	3.2	5	30.2547	0	0	0	0	0	0	0	0
2003	5	5/1/2003	3.2	5	29.92142	0	0	0	0	0	0	0	0
2003	6	6/1/2003	3.2	5	30.73023	0	0	0	0	0	0	0	0
2003	7	7/1/2003	3.2	5	30.94672	0	0	0	0	0	0	0	0
2003	8	8/1/2003	3.2	5	30.44573	0	0	0	0	0	0	0	0
2003	9	9/1/2003	3.2	5	30.1493	0	0	0	0	0	0	0	0
2003	10	10/1/2003	3.2	5	30.5901	0	0	0	0	0	0	0	0
2003	11	11/1/2003	3.2	5	29.78767	0	0	0	0	0	0	0	0
2003	12	12/1/2003	3.2	5	32.00953	0	0	0	0	0	0	0	0
2004	1	1/1/2004	3.2	7	31.42114	0	0	0	0	0	0	0	0
2004	2	2/1/2004	3.2	7	29.088	0	0	0	0	0	0	0	0
2004	3	3/1/2004	3.2	7	30.68507	0	0	0	0	0	0	0	0
2004	4	4/1/2004	3.2	7	30.05466	0	0	0	0	0	0	0	0
2004	5	5/1/2004	3.2	7	30.48319	0	0	0	0	0	0	0	0
2004	6	6/1/2004	3.2	7	30.5535	0	0	0	0	0	0	0	0
2004	7	7/1/2004	3.2	7	30.21244	0	0	0	0	0	0	0	0
2004	8	8/1/2004	3.2	7	30.93164	0	0	0	0	0	0	0	0
2004	9	9/1/2004	3.2	7	30.47892	0	0	0	0	0	0	0	0
2004	10	10/1/2004	3.2	7	30.37667	0	0	0	0	0	0	0	0
2004	11	11/1/2004	3.2	7	29.7639	0	0	0	0	0	0	0	0
2004	12	12/1/2004	3.2	7	32.24281	0	0	0	0	0	0	0	0
2005	1	1/1/2005	3.2	7	31.19421	0	0	0	0	0	0	0	0
2005	2	2/1/2005	3.2	7	29.65061	0	0	0	0	0	0	0	0
2005	3	3/1/2005	3.2	7	29.78857	0	0	0	0	0	0	0	0
2005	4	4/1/2005	3.2	7	31.01519	0	0	0	0	0	0	0	0
2005	5	5/1/2005	3.2	7	29.3165	0	0	0	0	0	0	0	0
2005	6	6/1/2005	3.2	7	31.02081	0	0	0	0	0	0	0	0
2005	7	7/1/2005	3.2	7	30.85278	0	0	0	0	0	0	0	0

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Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2005	8	8/1/2005	3.2	7	30.40478	0	0	0	0	0	0	0	0
2005	9	9/1/2005	3.2	7	29.8515	0	0	0	0	0	0	0	0
2005	10	10/1/2005	3.2	7	30.42046	0	0	0	0	0	0	0	0
2005	11	11/1/2005	3.2	7	30.32964	0	0	0	0	0	0	0	0
2005	12	12/1/2005	3.2	7	31.47111	0	0	0	0	0	0	0	0
2006	1	1/1/2006	3.2	7	31.4142	0	0	0	0	0	0	0	0
2006	2	2/1/2006	3.2	7	29.14665	0	0	0	0	0	0	0	0
2006	3	3/1/2006	3.2	7	29.56764	0	0	0	0	0	0	0	0
2006	4	4/1/2006	3.2	7	29.69427	0	0	0	0	0	0	0	0
2006	5	5/1/2006	3.2	7	29.96456	0	0	0	0	0	0	0	0
2006	6	6/1/2006	3.2	7	30.61639	0	0	0	0	0	0	0	0
2006	7	7/1/2006	3.2	7	30.85364	0	0	0	0	0	0	0	0
2006	8	8/1/2006	3.2	7	30.32618	0	0	0	0	0	0	0	0
2006	9	9/1/2006	3.2	7	30.43031	0	0	0	0	0	0	0	0
2006	10	10/1/2006	3.2	7	30.436	0	0	0	0	0	0	0	0
2006	11	11/1/2006	3.2	7	31.00418	0	0	0	0	0	0	0	0
2006	12	12/1/2006	3.2	7	30.87033	0	0	0	0	0	0	0	0
2007	1	1/1/2007	3.2	7	31.69911	0	0	0	0	0	0	0	0
2007	2	2/1/2007	3.2	7	29.23548	0	0	0	0	0	0	0	0
2007	3	3/1/2007	3.2	7	30.42645	0	0	0	0	0	0	0	0
2007	4	4/1/2007	3.2	7	30.13502	0	0	0	0	0	0	0	0
2007	5	5/1/2007	3.2	7	30.73249	0	0	0	0	0	0	0	0
2007	6	6/1/2007	3.2	7	30.1377	0	0	0	0	0	0	0	0
2007	7	7/1/2007	3.2	7	30.09714	0	0	0	0	0	0	0	0
2007	8	8/1/2007	3.2	7	30.7592	0	0	0	0	0	0	0	0
2007	9	9/1/2007	3.2	7	30.50425	0	0	0	0	0	0	0	0
2007	10	10/1/2007	3.2	7	29.6435	0	0	0	0	0	0	0	0
2007	11	11/1/2007	3.2	7	31.06712	0	0	0	0	0	0	0	0
2007	12	12/1/2007	3.2	7	30.88226	0	0	0	0	0	0	0	0
2008	1	1/1/2008	3.2	7	31.27191	0	0	0	0	0	0	0	0
2008	2	2/1/2008	3.2	7	29.39088	0	0	0	0	0	0	0	0
2008	3	3/1/2008	3.2	7	29.94087	0	0	0	0	0	0	0	0
2008	4	4/1/2008	3.2	7	30.69812	0	0	0	0	0	0	0	0
2008	5	5/1/2008	3.2	7	30.51485	0	0	0	0	0	0	0	0
2008	6	6/1/2008	3.2	7	30.33335	0	0	0	0	0	0	0	0
2008	7	7/1/2008	3.2	8	30.67491	0	0	0	0	0	0	0	0
2008	8	8/1/2008	3.2	8	29.80758	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2008	9	9/1/2008	3.2	8	30.44681	0	0	0	0	0	0	0	0
2008	10	10/1/2008	3.2	8	30.35594	0	0	0	0	0	0	0	0
2008	11	11/1/2008	3.2	8	30.27273	0	0	0	0	0	0	0	0
2008	12	12/1/2008	3.2	8	31.11585	0	0	0	0	0	0	0	0
2009	1	1/1/2009	3.2	8	31.19212	0	0	0	0	0	0	0	0
2009	2	2/1/2009	3.2	8	29.71592	0	0	0	0	0	0	0	0
2009	3	3/1/2009	3.2	8	30.07762	0	0	0	0	0	0	0	0
2009	4	4/1/2009	3.2	8	30.90484	0	0	0	0	0	0	0	0
2009	5	5/1/2009	3.2	8	29.70779	0	0	0	0	0	0	0	0
2009	6	6/1/2009	3.2	8	30.55197	0	0	0	0	0	0	0	0
2009	7	7/1/2009	3.2	8	31.24147	0	0	0	0	0	0	0	0
2009	8	8/1/2009	3.2	8	30.64232	0	0	0	0	0	0	0	0
2009	9	9/1/2009	3.2	8	29.97701	0	0	0	0	0	0	0	0
2009	10	10/1/2009	3.2	8	30.48719	0	0	0	0	0	0	0	0
2009	11	11/1/2009	3.2	8	29.26297	0	0	0	0	0	0	0	0
2009	12	12/1/2009	3.2	8	32.33659	0	0	0	0	0	0	0	0
2010	1	1/1/2010	3.2	8	31.56376	0	0	0	0	0	0	0	0
2010	2	2/1/2010	3.2	8	29.05639	0	0	0	0	0	0	0	0
2010	3	3/1/2010	3.2	8	29.67902	0	0	0	0	0	0	0	0
2010	4	4/1/2010	3.2	8	30.06899	0	0	0	0	0	0	0	0
2010	5	5/1/2010	3.2	8	29.21218	0	0	0	0	0	0	0	0
2010	6	6/1/2010	3.2	8	30.68191	0	0	0	0	0	0	0	0
2010	7	7/1/2010	3.2	8	30.69638	0	0	0	0	0	0	0	0
2010	8	8/1/2010	3.2	8	30.32272	0	0	0	0	0	0	0	0
2010	9	9/1/2010	3.2	8	30.24958	0	0	0	0	0	0	0	0
2010	10	10/1/2010	3.2	8	30.24307	0	0	0	0	0	0	0	0
2010	11	11/1/2010	3.2	8	30.33854	0	0	0	0	0	0	0	0
2010	12	12/1/2010	3.2	8	31.52203	0	0	0	0	0	0	0	0
2011	1	1/1/2011	3.2	8	30.64465	0	0	0	0	0	0	0	0
2011	2	2/1/2011	3.2	8	29.49787	0	0	0	0	0	0	0	0
2011	3	3/1/2011	3.2	8	28.56145	0	0	0	0	0	0	0	0
2011	4	4/1/2011	3.2	8	30.46417	0	0	0	0	0	0	0	0
2011	5	5/1/2011	3.2	8	29.83759	0	0	0	0	0	0	0	0
2011	6	6/1/2011	3.2	8	31.05698	0	0	0	0	0	0	0	0
2011	7	7/1/2011	3.2	8	30.70798	0	0	0	0	0	0	0	0
2011	8	8/1/2011	3.2	8	30.19008	0	0	0	0	0	0	0	0
2011	9	9/1/2011	3.2	8	30.52631	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2011	10	10/1/2011	3.2	8	29.95186	0	0	0	0	0	0	0	0
2011	11	11/1/2011	3.2	8	30.44695	0	0	0	0	0	0	0	0
2011	12	12/1/2011	3.2	8	31.62634	0	0	0	0	0	0	0	0
2012	1	1/1/2012	3.2	8	32.34185	0	0	0	0	0	0	0	0
2012	2	2/1/2012	3.2	8	29.86605	0	0	0	0	0	0	0	0
2012	3	3/1/2012	3.2	8	29.71899	0	0	0	0	0	0	0	0
2012	4	4/1/2012	3.2	8	30.4367	0	0	0	0	0	0	0	0
2012	5	5/1/2012	3.2	8	30.63949	0	0	0	0	0	0	0	0
2012	6	6/1/2012	3.2	8	30.13289	0	0	0	0	0	0	0	0
2012	7	7/1/2012	3.2	8	30.97567	0	0	0	0	0	0	0	0
2012	8	8/1/2012	3.2	8	30.23946	0	0	0	0	0	0	0	0
2012	9	9/1/2012	3.2	8	29.3432	0	0	0	0	0	0	0	0
2012	10	10/1/2012	3.2	8	29.7	0	0	0	0	0	0	0	0
2012	11	11/1/2012	3.2	8	30	0	0	0	0	0	0	0	0
2012	12	12/1/2012	3.2	8	31	0	0	0	0	0	0	0	0
2013	1	1/1/2013	3.2	8	31	0	0	0	0	0	0	0	0
2013	2	2/1/2013	3.2		29.34469	0	0	0	0	0	0	0	0
2013	3	3/1/2013	3.2		29.92985	0	0	0	0	0	0	0	0
2013	4	4/1/2013	3.2		30.31369	0	0	0	0	0	0	0	0
2013	5	5/1/2013	3.2		29.97721	0	0	0	0	0	0	0	0
2013	6	6/1/2013	3.2		30.6559	0	0	0	0	0	0	0	0
2013	7	7/1/2013	3.2		30.72115	0	0	0	0	0	0	0	0
2013	8	8/1/2013	3.2		30.46703	0	0	0	0	0	0	0	0
2013	9	9/1/2013	3.2		30.21161	0	0	0	0	0	0	0	0
2013	10	10/1/2013	3.2		30.34145	0	0	0	0	0	0	0	0
2013	11	11/1/2013	3.2		30.09389	0	0	0	0	0	0	0	0
2013	12	12/1/2013	3.2		31.70775	0	0	0	0	0	0	0	0
2014	1	1/1/2014	3.2		31.358	0	0	0	0	0	0	0	0
2014	2	2/1/2014	3.2		29.34469	0	0	0	0	0	0	0	0
2014	3	3/1/2014	3.2		29.92985	0	0	0	0	0	0	0	0
2014	4	4/1/2014	3.2		30.31369	0	0	0	0	0	0	0	0
2014	5	5/1/2014	3.2		29.97721	0	0	0	0	0	0	0	0
2014	6	6/1/2014	3.2		30.6559	0	0	0	0	0	0	0	0
2014	7	7/1/2014	3.2		30.72115	0	0	0	0	0	0	0	0
2014	8	8/1/2014	3.2		30.46703	0	0	0	0	0	0	0	0
2014	9	9/1/2014	3.2		30.21161	0	0	0	0	0	0	0	0
2014	10	10/1/2014	3.2		30.34145	0	0	0	0	0	0	0	0

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YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2014	11	11/1/2014	3.2		30.09389	0	0	0	0	0	0	0	0
2014	12	12/1/2014	3.2		31.70775	0	0	0	0	0	0	0	0
2015	1	1/1/2015	3.2		31.358	0	0	0	0	0	0	0	0
2015	2	2/1/2015	3.2		29.34469	0	0	0	0	0	0	0	0
2015	3	3/1/2015	3.2		29.92985	0	0	0	0	0	0	0	0
2015	4	4/1/2015	3.2		30.31369	0	0	0	0	0	0	0	0
2015	5	5/1/2015	3.2		29.97721	0	0	0	0	0	0	0	0
2015	6	6/1/2015	3.2		30.6559	0	0	0	0	0	0	0	0
2015	7	7/1/2015	3.2		30.72115	0	0	0	0	0	0	0	0
2015	8	8/1/2015	3.2		30.46703	0	0	0	0	0	0	0	0
2015	9	9/1/2015	3.2		30.21161	0	0	0	0	0	0	0	0
2015	10	10/1/2015	3.2		30.34145	0	0	0	0	0	0	0	0
2015	11	11/1/2015	3.2		30.09389	0	0	0	0	0	0	0	0
2015	12	12/1/2015	3.2		31.70775	0	0	0	0	0	0	0	0
2016	1	1/1/2016	3.2		31.358	0	0	0	0	0	0	0	0
2016	2	2/1/2016	3.2		29.34469	0	0	0	0	0	0	0	0
2016	3	3/1/2016	3.2		29.92985	0	0	0	0	0	0	0	0
2016	4	4/1/2016	3.2		30.31369	0	0	0	0	0	0	0	0
2016	5	5/1/2016	3.2		29.97721	0	0	0	0	0	0	0	0
2016	6	6/1/2016	3.2		30.6559	0	0	0	0	0	0	0	0
2016	7	7/1/2016	3.2		30.72115	0	0	0	0	0	0	0	0
2016	8	8/1/2016	3.2		30.46703	0	0	0	0	0	0	0	0
2016	9	9/1/2016	3.2		30.21161	0	0	0	0	0	0	0	0
2016	10	10/1/2016	3.2		30.34145	0	0	0	0	0	0	0	0
2016	11	11/1/2016	3.2		30.09389	0	0	0	0	0	0	0	0
2016	12	12/1/2016	3.2		31.70775	0	0	0	0	0	0	0	0
2003	1	1/1/2003	3.25	3	32.12939	0	0	0	0	0	0	0	0
2003	2	2/1/2003	3.25	3	29.49731	0	0	0	0	0	0	0	0
2003	3	3/1/2003	3.25	3	29.75288	0	0	0	0	0	0	0	0
2003	4	4/1/2003	3.25	3	29.6743	0	0	0	0	0	0	0	0
2003	5	5/1/2003	3.25	3	28.83606	0	0	0	0	0	0	0	0
2003	6	6/1/2003	3.25	3	30.05578	0	0	0	0	0	0	0	0
2003	7	7/1/2003	3.25	3	30.70315	0	0	0	0	0	0	0	0
2003	8	8/1/2003	3.25	3	28.74418	0	0	0	0	0	0	0	0
2003	9	9/1/2003	3.25	3	30.46651	0	0	0	0	0	0	0	0
2003	10	10/1/2003	3.25	3	29.39848	0	0	0	0	0	0	0	0
2003	11	11/1/2003	3.25	3	29.8993	0	0	0	0	0	0	0	0

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Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2003	12	12/1/2003	3.25		3 33.23109	0	0	0	0	0	0	0	0
2004	1	1/1/2004	3.25		3 32.51623	0	0	0	0	0	0	0	0
2004	2	2/1/2004	3.25		3 29.16605	0	0	0	0	0	0	0	0
2004	3	3/1/2004	3.25		3 29.69061	0	0	0	0	0	0	0	0
2004	4	4/1/2004	3.25		3 29.92032	0	0	0	0	0	0	0	0
2004	5	5/1/2004	3.25		3 28.42599	0	0	0	0	0	0	0	0
2004	6	6/1/2004	3.25		3 30.76011	0	0	0	0	0	0	0	0
2004	7	7/1/2004	3.25		3 30.96622	0	0	0	0	0	0	0	0
2004	8	8/1/2004	3.25		3 29.30248	0	0	0	0	0	0	0	0
2004	9	9/1/2004	3.25		3 30.205	0	0	0	0	0	0	0	0
2004	10	10/1/2004	3.25		3 29.4353	0	0	0	0	0	0	0	0
2004	11	11/1/2004	3.25		3 29.29673	0	0	0	0	0	0	0	0
2004	12	12/1/2004	3.25		3 33.5674	0	0	0	0	0	0	0	0
2005	1	1/1/2005	3.25		3 31.36259	0	0	0	0	0	0	0	0
2005	2	2/1/2005	3.25		3 29.39729	0	0	0	0	0	0	0	0
2005	3	3/1/2005	3.25		3 30.55127	0	0	0	0	0	0	0	0
2005	4	4/1/2005	3.25		3 29.99627	0	0	0	0	0	0	0	0
2005	5	5/1/2005	3.25		3 29.01906	0	0	0	0	0	0	0	0
2005	6	6/1/2005	3.25		3 28.48873	0	0	0	0	0	0	0	0
2005	7	7/1/2005	3.25		3 30.62609	0	0	0	0	0	0	0	0
2005	8	8/1/2005	3.25		3 29.29777	0	0	0	0	0	0	0	0
2005	9	9/1/2005	3.25		3 30.93929	0	0	0	0	0	0	0	0
2005	10	10/1/2005	3.25		3 29.4993	0	0	0	0	0	0	0	0
2005	11	11/1/2005	3.25		3 30.00235	0	0	0	0	0	0	0	0
2005	12	12/1/2005	3.25		3 32.59584	0	0	0	0	0	0	0	0
2006	1	1/1/2006	3.25		3 32.50934	0	0	0	0	0	0	0	0
2006	2	2/1/2006	3.25		3 29.9286	0	0	0	0	0	0	0	0
2006	3	3/1/2006	3.25		3 29.01676	0	0	0	0	0	0	0	0
2006	4	4/1/2006	3.25		3 29.10633	0	0	0	0	0	0	0	0
2006	5	5/1/2006	3.25		3 29.06314	0	0	0	0	0	0	0	0
2006	6	6/1/2006	3.25		3 30.91848	0	0	0	0	0	0	0	0
2006	7	7/1/2006	3.25		3 30.56557	0	0	0	0	0	0	0	0
2006	8	8/1/2006	3.25		3 29.1879	0	0	0	0	0	0	0	0
2006	9	9/1/2006	3.25		3 31.28174	0	0	0	0	0	0	0	0
2006	10	10/1/2006	3.25		3 29.41768	0	0	0	0	0	0	0	0
2006	11	11/1/2006	3.25		3 30.03943	0	0	0	0	0	0	0	0
2006	12	12/1/2006	3.25		3 32.74669	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2007	1	1/1/2007	3.25	3	32.43265	0	0	0	0	0	0	0	0
2007	2	2/1/2007	3.25	3	29.27995	0	0	0	0	0	0	0	0
2007	3	3/1/2007	3.25	3	29.33134	0	0	0	0	0	0	0	0
2007	4	4/1/2007	3.25	3	30.47752	0	0	0	0	0	0	0	0
2007	5	5/1/2007	3.25	3	29.92622	0	0	0	0	0	0	0	0
2007	6	6/1/2007	3.25	3	30.44972	0	0	0	0	0	0	0	0
2007	7	7/1/2007	3.25	3	29.96382	0	0	0	0	0	0	0	0
2007	8	8/1/2007	3.25	3	29.61587	0	0	0	0	0	0	0	0
2007	9	9/1/2007	3.25	3	30.83224	0	0	0	0	0	0	0	0
2007	10	10/1/2007	3.25	3	29.4706	0	0	0	0	0	0	0	0
2007	11	11/1/2007	3.25	3	30.88824	0	0	0	0	0	0	0	0
2007	12	12/1/2007	3.25	3	31.92093	0	0	0	0	0	0	0	0
2008	1	1/1/2008	3.25	3	32.78802	0	0	0	0	0	0	0	0
2008	2	2/1/2008	3.25	3	29.05014	0	0	0	0	0	0	0	0
2008	3	3/1/2008	3.25	3	29.53445	0	0	0	0	0	0	0	0
2008	4	4/1/2008	3.25	3	30.06878	0	0	0	0	0	0	0	0
2008	5	5/1/2008	3.25	3	29.95926	0	0	0	0	0	0	0	0
2008	6	6/1/2008	3.25	3	30.49675	0	0	0	0	0	0	0	0
2008	7	7/1/2008	3.25	3	30.56879	0	0	0	0	0	0	0	0
2008	8	8/1/2008	3.25	3	28.93535	0	0	0	0	0	0	0	0
2008	9	9/1/2008	3.25	3	30.41088	0	0	0	0	0	0	0	0
2008	10	10/1/2008	3.25	3	29.71234	0	0	0	0	0	0	0	0
2008	11	11/1/2008	3.25	3	29.5223	0	0	0	0	0	0	0	0
2008	12	12/1/2008	3.25	3	32.41899	0	0	0	0	0	0	0	0
2009	1	1/1/2009	3.25	3	33.40314	0	0	0	0	0	0	0	0
2009	2	2/1/2009	3.25	3	29.84468	0	0	0	0	0	0	0	0
2009	3	3/1/2009	3.25	3	29.06563	0	0	0	0	0	0	0	0
2009	4	4/1/2009	3.25	3	30.71509	0	0	0	0	0	0	0	0
2009	5	5/1/2009	3.25	3	30.10165	0	0	0	0	0	0	0	0
2009	6	6/1/2009	3.25	3	30.11969	0	0	0	0	0	0	0	0
2009	7	7/1/2009	3.25	3	30.78164	0	0	0	0	0	0	0	0
2009	8	8/1/2009	3.25	3	29.83707	0	0	0	0	0	0	0	0
2009	9	9/1/2009	3.25	3	30.12304	0	0	0	0	0	0	0	0
2009	10	10/1/2009	3.25	3	29.68633	0	0	0	0	0	0	0	0
2009	11	11/1/2009	3.25	3	29.51476	0	0	0	0	0	0	0	0
2009	12	12/1/2009	3.25	3	33.32768	0	0	0	0	0	0	0	0
2010	1	1/1/2010	3.25	3	32.32038	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2010	2	2/1/2010	3.25		3 29.21533	0	0	0	0	0	0	0	0
2010	3	3/1/2010	3.25		3 28.93716	0	0	0	0	0	0	0	0
2010	4	4/1/2010	3.25		3 31.02794	0	0	0	0	0	0	0	0
2010	5	5/1/2010	3.25		3 29.56155	0	0	0	0	0	0	0	0
2010	6	6/1/2010	3.25		3 30.50746	0	0	0	0	0	0	0	0
2010	7	7/1/2010	3.25		3 30.61433	0	0	0	0	0	0	0	0
2010	8	8/1/2010	3.25		3 29.75544	0	0	0	0	0	0	0	0
2010	9	9/1/2010	3.25		3 30.21293	0	0	0	0	0	0	0	0
2010	10	10/1/2010	3.25		3 29.99072	0	0	0	0	0	0	0	0
2010	11	11/1/2010	3.25		3 29.4366	0	0	0	0	0	0	0	0
2010	12	12/1/2010	3.25		3 33.09494	0	0	0	0	0	0	0	0
2011	1	1/1/2011	3.25		3 32.55373	0	0	0	0	0	0	0	0
2011	2	2/1/2011	3.25		3 29.50522	0	0	0	0	0	0	0	0
2011	3	3/1/2011	3.25		3 29.45828	0	0	0	0	0	0	0	0
2011	4	4/1/2011	3.25		3 30.21934	0	0	0	0	0	0	0	0
2011	5	5/1/2011	3.25		3 30.07509	0	0	0	0	0	0	0	0
2011	6	6/1/2011	3.25		3 30.71528	0	0	0	0	0	0	0	0
2011	7	7/1/2011	3.25		3 30.64886	0	0	0	0	0	0	0	0
2011	8	8/1/2011	3.25		3 29.30918	0	0	0	0	0	0	0	0
2011	9	9/1/2011	3.25		3 30.61715	0	0	0	0	0	0	0	0
2011	10	10/1/2011	3.25		3 29.91053	0	0	0	0	0	0	0	0
2011	11	11/1/2011	3.25		3 29.95485	0	0	0	0	0	0	0	0
2011	12	12/1/2011	3.25		3 32.63879	0	0	0	0	0	0	0	0
2012	1	1/1/2012	3.25		3 32.36024	0	0	0	0	0	0	0	0
2012	2	2/1/2012	3.25		3 29.93872	0	0	0	0	0	0	0	0
2012	3	3/1/2012	3.25		3 29.47092	0	0	0	0	0	0	0	0
2012	4	4/1/2012	3.25		3 30.18041	0	0	0	0	0	0	0	0
2012	5	5/1/2012	3.25		3 29.91598	0	0	0	0	0	0	0	0
2012	6	6/1/2012	3.25		3 30.85931	0	0	0	0	0	0	0	0
2012	7	7/1/2012	3.25		3 30.35175	0	0	0	0	0	0	0	0
2012	8	8/1/2012	3.25		3 29.67779	0	0	0	0	0	0	0	0
2012	9	9/1/2012	3.25		3 30.56735	0	0	0	0	0	0	0	0
2012	10	10/1/2012	3.25		3 29.71588	0	0	0	0	0	0	0	0
2012	11	11/1/2012	3.25		3 30.52867	0	0	0	0	0	0	0	0
2012	12	12/1/2012	3.25		3 31.92361	0	0	0	0	0	0	0	0
2013	1	1/1/2013	3.25		3 32.54698	0	0	0	0	0	0	0	0
2013	2	2/1/2013	3.25		29.48982	0	0	0	0	0	0	0	0

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Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2013	3	3/1/2013	3.25		29.61691	0	0	0	0	0	0	0	0
2013	4	4/1/2013	3.25		29.90647	0	0	0	0	0	0	0	0
2013	5	5/1/2013	3.25		29.16223	0	0	0	0	0	0	0	0
2013	6	6/1/2013	3.25		30.19645	0	0	0	0	0	0	0	0
2013	7	7/1/2013	3.25		30.64714	0	0	0	0	0	0	0	0
2013	8	8/1/2013	3.25		29.24969	0	0	0	0	0	0	0	0
2013	9	9/1/2013	3.25		30.64438	0	0	0	0	0	0	0	0
2013	10	10/1/2013	3.25		29.53404	0	0	0	0	0	0	0	0
2013	11	11/1/2013	3.25		29.82056	0	0	0	0	0	0	0	0
2013	12	12/1/2013	3.25		32.93902	0	0	0	0	0	0	0	0
2014	1	1/1/2014	3.25		32.29603	0	0	0	0	0	0	0	0
2014	2	2/1/2014	3.25		29.48982	0	0	0	0	0	0	0	0
2014	3	3/1/2014	3.25		29.61691	0	0	0	0	0	0	0	0
2014	4	4/1/2014	3.25		29.90647	0	0	0	0	0	0	0	0
2014	5	5/1/2014	3.25		29.16223	0	0	0	0	0	0	0	0
2014	6	6/1/2014	3.25		30.19645	0	0	0	0	0	0	0	0
2014	7	7/1/2014	3.25		30.64714	0	0	0	0	0	0	0	0
2014	8	8/1/2014	3.25		29.24969	0	0	0	0	0	0	0	0
2014	9	9/1/2014	3.25		30.64438	0	0	0	0	0	0	0	0
2014	10	10/1/2014	3.25		29.53404	0	0	0	0	0	0	0	0
2014	11	11/1/2014	3.25		29.82056	0	0	0	0	0	0	0	0
2014	12	12/1/2014	3.25		32.93902	0	0	0	0	0	0	0	0
2015	1	1/1/2015	3.25		32.29603	0	0	0	0	0	0	0	0
2015	2	2/1/2015	3.25		29.48982	0	0	0	0	0	0	0	0
2015	3	3/1/2015	3.25		29.61691	0	0	0	0	0	0	0	0
2015	4	4/1/2015	3.25		29.90647	0	0	0	0	0	0	0	0
2015	5	5/1/2015	3.25		29.16223	0	0	0	0	0	0	0	0
2015	6	6/1/2015	3.25		30.19645	0	0	0	0	0	0	0	0
2015	7	7/1/2015	3.25		30.64714	0	0	0	0	0	0	0	0
2015	8	8/1/2015	3.25		29.24969	0	0	0	0	0	0	0	0
2015	9	9/1/2015	3.25		30.64438	0	0	0	0	0	0	0	0
2015	10	10/1/2015	3.25		29.53404	0	0	0	0	0	0	0	0
2015	11	11/1/2015	3.25		29.82056	0	0	0	0	0	0	0	0
2015	12	12/1/2015	3.25		32.93902	0	0	0	0	0	0	0	0
2016	1	1/1/2016	3.25		32.29603	0	0	0	0	0	0	0	0
2016	2	2/1/2016	3.25		29.48982	0	0	0	0	0	0	0	0
2016	3	3/1/2016	3.25		29.61691	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2016	4	4/1/2016	3.25		29.90647	0	0	0	0	0	0	0	0
2016	5	5/1/2016	3.25		29.16223	0	0	0	0	0	0	0	0
2016	6	6/1/2016	3.25		30.19645	0	0	0	0	0	0	0	0
2016	7	7/1/2016	3.25		30.64714	0	0	0	0	0	0	0	0
2016	8	8/1/2016	3.25		29.24969	0	0	0	0	0	0	0	0
2016	9	9/1/2016	3.25		30.64438	0	0	0	0	0	0	0	0
2016	10	10/1/2016	3.25		29.53404	0	0	0	0	0	0	0	0
2016	11	11/1/2016	3.25		29.82056	0	0	0	0	0	0	0	0
2016	12	12/1/2016	3.25		32.93902	0	0	0	0	0	0	0	0
2003	1	1/1/2003	4	451	31.50908	0	0	0	0	0	0	1	0
2003	2	2/1/2003	4	454	28.67703	0	0	0	0	0	0	1	0
2003	3	3/1/2003	4	455	30.60773	0	0	0	0	0	0	1	0
2003	4	4/1/2003	4	447	30.02336	0	0	0	0	0	0	1	0
2003	5	5/1/2003	4	447	30.6457	0	0	0	0	0	0	1	0
2003	6	6/1/2003	4	446	30.30709	0	0	0	0	0	0	1	0
2003	7	7/1/2003	4	446	31.01139	0	0	0	0	0	0	1	0
2003	8	8/1/2003	4	447	30.42665	0	0	0	0	0	0	1	0
2003	9	9/1/2003	4	445	30.07233	0	0	0	0	0	0	1	0
2003	10	10/1/2003	4	445	30.76598	0	0	0	0	0	0	1	0
2003	11	11/1/2003	4	445	29.98567	0	0	0	0	0	0	1	0
2003	12	12/1/2003	4	444	31.16965	0	0	0	0	0	0	1	0
2004	1	1/1/2004	4	443	31.61936	0	0	0	0	0	0	1	0
2004	2	2/1/2004	4	442	29.19713	0	0	0	0	0	0	1	0
2004	3	3/1/2004	4	441	30.46747	0	0	0	0	0	0	1	0
2004	4	4/1/2004	4	439	30.22896	0	0	0	0	0	0	1	0
2004	5	5/1/2004	4	439	30.49616	0	0	0	0	0	0	1	0
2004	6	6/1/2004	4	439	30.26297	0	0	0	0	0	0	1	0
2004	7	7/1/2004	4	442	30.99328	0	0	0	0	0	0	1	0
2004	8	8/1/2004	4	444	30.52103	0	0	0	0	0	0	1	0
2004	9	9/1/2004	4	444	30.09975	0	0	0	0	0	0	1	0
2004	10	10/1/2004	4	444	30.74244	0	0	0	0	0	0	1	0
2004	11	11/1/2004	4	444	29.88481	0	0	0	0	0	0	1	0
2004	12	12/1/2004	4	442	31.3734	0	0	0	0	0	0	1	0
2005	1	1/1/2005	4	445	31.43818	0	0	0	0	0	0	1	0
2005	2	2/1/2005	4	441	28.43899	0	0	0	0	0	0	1	0
2005	3	3/1/2005	4	445	30.72201	0	0	0	0	0	0	1	0
2005	4	4/1/2005	4	451	30.09219	0	0	0	0	0	0	1	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2005	5	5/1/2005	4	443	30.58775	0	0	0	0	0	0	1	0	0
2005	6	6/1/2005	4	444	30.39252	0	0	0	0	0	0	1	0	0
2005	7	7/1/2005	4	445	30.81334	0	0	0	0	0	0	1	0	0
2005	8	8/1/2005	4	385	30.79657	0	0	0	0	0	0	0	0	0
2005	9	9/1/2005	4	381	30.09382	0	0	0	0	0	0	0	0	0
2005	10	10/1/2005	4	381	30.76238	0	0	0	0	0	0	0	0	0
2005	11	11/1/2005	4	386	30.00515	0	0	0	0	0	0	0	0	0
2005	12	12/1/2005	4	382	31.16394	0	0	0	0	0	0	0	0	0
2006	1	1/1/2006	4	380	31.46969	0	0	0	0	0	0	0	0	0
2006	2	2/1/2006	4	381	28.39496	0	0	0	0	0	0	0	0	0
2006	3	3/1/2006	4	383	30.63371	0	0	0	0	0	0	0	0	0
2006	4	4/1/2006	4	381	29.74894	0	0	0	0	0	0	0	0	0
2006	5	5/1/2006	4	379	30.8532	0	0	0	0	0	0	0	0	0
2006	6	6/1/2006	4	380	30.26579	0	0	0	0	0	0	0	0	0
2006	7	7/1/2006	4	381	30.95578	0	0	0	0	0	0	0	0	0
2006	8	8/1/2006	4	381	30.68296	0	0	0	0	0	0	0	0	0
2006	9	9/1/2006	4	379	30.08968	0	0	0	0	0	0	0	0	0
2006	10	10/1/2006	4	379	30.81566	0	0	0	0	0	0	0	0	0
2006	11	11/1/2006	4	380	29.90276	0	0	0	0	0	0	0	0	0
2006	12	12/1/2006	4	380	30.99288	0	0	0	0	0	0	0	0	0
2007	1	1/1/2007	4	378	31.28989	0	0	0	0	0	0	0	0	0
2007	2	2/1/2007	4	376	28.31838	0	0	0	0	0	0	0	0	0
2007	3	3/1/2007	4	376	30.71104	0	0	0	0	0	0	0	0	0
2007	4	4/1/2007	4	374	30.13104	0	0	0	0	0	0	0	0	0
2007	5	5/1/2007	4	374	29.21358	0	0	0	0	0	0	0	0	0
2007	6	6/1/2007	4	373	29.44079	0	0	0	0	0	0	0	0	0
2007	7	7/1/2007	4	372	30.45981	0	0	0	0	0	0	0	0	0
2007	8	8/1/2007	4	365	30.57461	0	0	0	0	0	0	0	0	0
2007	9	9/1/2007	4	388	30.49225	0	0	0	0	0	0	0	0	0
2007	10	10/1/2007	4	377	30.07159	0	0	0	0	0	0	0	0	0
2007	11	11/1/2007	4	374	31.26916	0	0	0	0	0	0	0	0	0
2007	12	12/1/2007	4	373	31.34007	0	0	0	0	0	0	0	0	0
2008	1	1/1/2008	4	380	31.88564	0	0	0	0	0	0	0	0	0
2008	2	2/1/2008	4	379	29.31406	0	0	0	0	0	0	0	0	0
2008	3	3/1/2008	4	376	30.19913	0	0	0	0	0	0	0	0	0
2008	4	4/1/2008	4	383	30.47599	0	0	0	0	0	0	0	0	0
2008	5	5/1/2008	4	374	30.12412	0	0	0	0	0	0	0	0	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3
2008	6	6/1/2008	4	373	29.89861	0	0	0	0	0	0	0	0
2008	7	7/1/2008	4	386	31.00513	0	0	0	0	0	0	0	0
2008	8	8/1/2008	4	380	29.66358	0	0	0	0	0	0	0	0
2008	9	9/1/2008	4	376	30.40061	0	0	0	0	0	0	0	0
2008	10	10/1/2008	4	379	29.82067	0	0	0	0	0	0	0	0
2008	11	11/1/2008	4	373	29.70439	0	0	0	0	0	0	0	0
2008	12	12/1/2008	4	384	33.18816	0	0	0	0	0	0	0	0
2009	1	1/1/2009	4	375	30.9976	0	0	0	0	0	0	0	0
2009	2	2/1/2009	4	376	30.60098	0	0	0	0	0	0	0	0
2009	3	3/1/2009	4	380	29.79033	0	0	0	0	0	0	0	0
2009	4	4/1/2009	4	373	30.90889	0	0	0	0	0	0	0	0
2009	5	5/1/2009	4	372	30.06945	0	0	0	0	0	0	0	0
2009	6	6/1/2009	4	373	30.09765	0	0	0	0	0	0	0	0
2009	7	7/1/2009	4	370	31.313	0	0	0	0	0	0	0	0
2009	8	8/1/2009	4	369	29.90747	0	0	0	0	0	0	0	0
2009	9	9/1/2009	4	379	30.02278	0	0	0	0	0	0	0	0
2009	10	10/1/2009	4	375	30.64537	0	0	0	0	0	0	0	0
2009	11	11/1/2009	4	366	29.5652	0	0	0	0	0	0	0	0
2009	12	12/1/2009	4	366	33.17912	0	0	0	0	0	0	0	0
2010	1	1/1/2010	4	362	30.90164	0	0	0	0	0	0	0	0
2010	2	2/1/2010	4	367	28.86017	0	0	0	0	0	0	0	0
2010	3	3/1/2010	4	363	31.00084	0	0	0	0	0	0	0	0
2010	4	4/1/2010	4	369	30.15652	0	0	0	0	0	0	0	0
2010	5	5/1/2010	4	372	29.50392	0	0	0	0	0	0	0	0
2010	6	6/1/2010	4	388	31.38222	0	0	0	0	0	0	0	0
2010	7	7/1/2010	4	406	30.42439	0	0	0	0	0	0	1	0
2010	8	8/1/2010	4	412	29.98068	0	0	0	0	0	0	1	0
2010	9	9/1/2010	4	411	30.96834	0	0	0	0	0	0	1	0
2010	10	10/1/2010	4	414	29.58446	0	0	0	0	0	0	1	0
2010	11	11/1/2010	4	417	29.73014	0	0	0	0	0	0	1	0
2010	12	12/1/2010	4	410	32.96648	0	0	0	0	0	0	1	0
2011	1	1/1/2011	4	407	30.64232	0	0	0	0	0	0	1	0
2011	2	2/1/2011	4	402	29.2985	0	0	0	0	0	0	1	0
2011	3	3/1/2011	4	411	39.19228	0	0	0	0	0	0	1	0
2011	4	4/1/2011	4	434	25.77048	0	0	0	0	0	0	1	1
2011	5	5/1/2011	4	413	30.27272	0	0	0	0	0	0	1	0
2011	6	6/1/2011	4	412	30.9265	0	0	0	0	0	0	1	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2011	7	7/1/2011	4	411	30.55329	0	0	0	0	0	0	0	1	0
2011	8	8/1/2011	4	407	30.13436	0	0	0	0	0	0	0	1	0
2011	9	9/1/2011	4	407	30.75024	0	0	0	0	0	0	0	1	0
2011	10	10/1/2011	4	420	31.73077	0	0	0	0	0	0	0	1	0
2011	11	11/1/2011	4	407	30.08369	0	0	0	0	0	0	0	1	0
2011	12	12/1/2011	4	405	31.1388	0	0	0	0	0	0	0	1	0
2012	1	1/1/2012	4	405	31.48048	0	0	0	0	0	0	0	1	0
2012	2	2/1/2012	4	404	29.17063	0	0	0	0	0	0	0	1	0
2012	3	3/1/2012	4	404	30.5466	0	0	0	0	0	0	0	1	0
2012	4	4/1/2012	4	402	30.17705	0	0	0	0	0	0	0	1	0
2012	5	5/1/2012	4	401	30.88394	0	0	0	0	0	0	0	1	0
2012	6	6/1/2012	4	401	29.97411	0	0	0	0	0	0	0	1	0
2012	7	7/1/2012	4	399	31.24427	0	0	0	0	0	0	0	1	0
2012	8	8/1/2012	4	399	30.56854	0	0	0	0	0	0	0	1	0
2012	9	9/1/2012	4	398	29.97552	0	0	0	0	0	0	0	1	0
2012	10	10/1/2012	4	399	30.985	0	0	0	0	0	0	0	1	0
2012	11	11/1/2012	4	399	29.93546	0	0	0	0	0	0	0	1	0
2012	12	12/1/2012	4	395	31.20638	0	0	0	0	0	0	0	1	0
2013	1	1/1/2013	4	393	31.45902	0	0	0	0	0	0	0	1	0
2013	2	2/1/2013	4		28.85205	0	0	0	0	0	0	0	1	0
2013	3	3/1/2013	4		30.99742	0	0	0	0	0	0	0	1	0
2013	4	4/1/2013	4		29.89735	0	0	0	0	0	0	0	1	0
2013	5	5/1/2013	4		30.45538	0	0	0	0	0	0	0	1	0
2013	6	6/1/2013	4		30.30096	0	0	0	0	0	0	0	1	0
2013	7	7/1/2013	4		30.91041	0	0	0	0	0	0	0	1	0
2013	8	8/1/2013	4		30.46622	0	0	0	0	0	0	0	1	0
2013	9	9/1/2013	4		30.19271	0	0	0	0	0	0	0	1	0
2013	10	10/1/2013	4		30.67468	0	0	0	0	0	0	0	1	0
2013	11	11/1/2013	4		29.98259	0	0	0	0	0	0	0	1	0
2013	12	12/1/2013	4		31.50378	0	0	0	0	0	0	0	1	0
2014	1	1/1/2014	4		31.41827	0	0	0	0	0	0	0	1	0
2014	2	2/1/2014	4		28.85205	0	0	0	0	0	0	0	1	0
2014	3	3/1/2014	4		30.99742	0	0	0	0	0	0	0	1	0
2014	4	4/1/2014	4		29.89735	0	0	0	0	0	0	0	1	0
2014	5	5/1/2014	4		30.45538	0	0	0	0	0	0	0	1	0
2014	6	6/1/2014	4		30.30096	0	0	0	0	0	0	0	1	0
2014	7	7/1/2014	4		30.91041	0	0	0	0	0	0	0	1	0

Kentucky Power Company
Customer Models Input Data

YEAR	MONTH	time	revcls	CUST	DAYS	res1	res2	com1	com2	ind1	or1	or2	or3	
2014	8	8/1/2014	4		30.46622	0	0	0	0	0	0	0	1	0
2014	9	9/1/2014	4		30.19271	0	0	0	0	0	0	0	1	0
2014	10	10/1/2014	4		30.67468	0	0	0	0	0	0	0	1	0
2014	11	11/1/2014	4		29.98259	0	0	0	0	0	0	0	1	0
2014	12	12/1/2014	4		31.50378	0	0	0	0	0	0	0	1	0
2015	1	1/1/2015	4		31.41827	0	0	0	0	0	0	0	1	0
2015	2	2/1/2015	4		28.85205	0	0	0	0	0	0	0	1	0
2015	3	3/1/2015	4		30.99742	0	0	0	0	0	0	0	1	0
2015	4	4/1/2015	4		29.89735	0	0	0	0	0	0	0	1	0
2015	5	5/1/2015	4		30.45538	0	0	0	0	0	0	0	1	0
2015	6	6/1/2015	4		30.30096	0	0	0	0	0	0	0	1	0
2015	7	7/1/2015	4		30.91041	0	0	0	0	0	0	0	1	0
2015	8	8/1/2015	4		30.46622	0	0	0	0	0	0	0	1	0
2015	9	9/1/2015	4		30.19271	0	0	0	0	0	0	0	1	0
2015	10	10/1/2015	4		30.67468	0	0	0	0	0	0	0	1	0
2015	11	11/1/2015	4		29.98259	0	0	0	0	0	0	0	1	0
2015	12	12/1/2015	4		31.50378	0	0	0	0	0	0	0	1	0
2016	1	1/1/2016	4		31.41827	0	0	0	0	0	0	0	1	0
2016	2	2/1/2016	4		28.85205	0	0	0	0	0	0	0	1	0
2016	3	3/1/2016	4		30.99742	0	0	0	0	0	0	0	1	0
2016	4	4/1/2016	4		29.89735	0	0	0	0	0	0	0	1	0
2016	5	5/1/2016	4		30.45538	0	0	0	0	0	0	0	1	0
2016	6	6/1/2016	4		30.30096	0	0	0	0	0	0	0	1	0
2016	7	7/1/2016	4		30.91041	0	0	0	0	0	0	0	1	0
2016	8	8/1/2016	4		30.46622	0	0	0	0	0	0	0	1	0
2016	9	9/1/2016	4		30.19271	0	0	0	0	0	0	0	1	0
2016	10	10/1/2016	4		30.67468	0	0	0	0	0	0	0	1	0
2016	11	11/1/2016	4		29.98259	0	0	0	0	0	0	0	1	0
2016	12	12/1/2016	4		31.50378	0	0	0	0	0	0	0	1	0

Kentucky Power Company Short-Term Customer Count Model
Residential Customers

The ARIMA Procedure

Maximum Likelihood Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-10.50946	2.76685	-3.80	0.0001	0	CUST	0
MA1,1	0.35457	0.08699	4.08	<.0001	1	CUST	0
MA2,1	0.81490	0.12124	6.72	<.0001	12	CUST	0
NUM1	439.02000	61.89312	7.09	<.0001	0	res1	0
NUM2	290.61226	61.49979	4.73	<.0001	0	res2	0

Constant Estimate	-10.5095
Variance Estimate	17271.19
Std Error Estimate	131.4199
AIC	1378.127
SBC	1391.538
Number of Residuals	108

Correlations of Parameter Estimates

Variable Parameter		CUST MU	CUST MA1,1	CUST MA2,1	res1 NUM1	res2 NUM2
CUST MU	MU	1.000	-0.007	-0.047	-0.004	-0.003
CUST MA1,1	MA1,1	-0.007	1.000	0.027	-0.031	0.016
CUST MA2,1	MA2,1	-0.047	0.027	1.000	0.019	0.012
res1 NUM1	NUM1	-0.004	-0.031	0.019	1.000	0.143
res2 NUM2	NUM2	-0.003	0.016	0.012	0.143	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	2.13	4	0.7114	-0.022	0.050	0.012	0.022	0.052	-0.110
12	10.18	10	0.4251	-0.039	-0.171	-0.077	-0.072	0.153	0.038
18	14.52	16	0.5601	0.032	-0.087	0.051	0.096	-0.109	0.039
24	17.33	22	0.7451	0.015	-0.070	-0.058	0.020	-0.090	-0.058

Kentucky Power Company Short-Term Customer Count Model
Residential Customers

The ARIMA Procedure

Model for variable CUST

Estimated Intercept -10.5095
Period(s) of Differencing 1,12

Moving Average Factors

Factor 1: 1 - 0.35457 B**(1)
Factor 2: 1 - 0.8149 B**(12)

Input Number 1

Input Variable res1
Period(s) of Differencing 1,12
Overall Regression Factor 439.02

Input Number 2

Input Variable res2
Period(s) of Differencing 1,12
Overall Regression Factor 290.6123

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
122	140949.7	131.42	140692.1	141207.3
123	140735.5	156.42	140429.0	141042.1
124	140310.7	177.93	139961.9	140659.4
125	139952.8	197.12	139566.4	140339.1
126	139790.9	214.59	139370.3	140211.5
127	139711.4	230.75	139259.2	140163.7
128	139737.8	245.85	139256.0	140219.7
129	139636.3	260.07	139126.6	140146.0
130	139570.7	273.55	139034.5	140106.8
131	139707.0	286.40	139145.7	140268.4
132	139843.8	298.70	139258.4	140429.2
133	140012.2	310.51	139403.6	140620.8
134	139860.8	329.13	139215.7	140505.9
135	139636.1	344.14	138961.6	140310.6
136	139200.7	358.52	138498.1	139903.4
137	138832.3	372.35	138102.6	139562.1
138	138659.9	385.68	137904.0	139415.8
139	138570.0	398.56	137788.8	139351.2
140	138585.9	411.04	137780.2	139391.5
141	138473.9	423.16	137644.5	139303.2

Kentucky Power Company Short-Term Customer Count Model
Residential Customers

The ARIMA Procedure

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
142	138397.7	434.93	137545.3	139250.2
143	138523.5	446.40	137648.6	139398.5
144	138649.8	457.57	137753.0	139546.6
145	138807.7	468.49	137889.5	139725.9
146	138645.8	484.84	137695.5	139596.1
147	138410.6	498.57	137433.4	139387.8
148	137964.7	511.94	136961.3	138968.1
149	137585.8	524.97	136556.9	138614.7
150	137402.9	537.68	136349.0	138456.7
151	137302.4	550.10	136224.3	138380.6
152	137307.8	562.24	136205.8	138409.8
153	137185.3	574.13	136060.0	138310.5
154	137098.6	585.77	135950.5	138246.7
155	137214.0	597.19	136043.5	138384.4
156	137329.7	608.39	136137.3	138522.1
157	137477.1	619.40	136263.1	138691.1

Kentucky Power Company Short-Term Customer Count Model
Commercial Customers

The ARIMA Procedure

Maximum Likelihood Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	26.70469	4.09338	6.52	<.0001	0	CUST	0
MA1,1	0.18658	0.09392	1.99	0.0470	6	CUST	0
AR1,1	-0.48260	0.08173	-5.90	<.0001	1	CUST	0
AR2,1	0.28600	0.09513	3.01	0.0026	12	CUST	0
NUM1	-782.50681	51.50898	-15.19	<.0001	0	com1	0
NUM2	860.24517	52.95611	16.24	<.0001	0	com2	0

Constant Estimate	28.2688
Variance Estimate	3517.391
Std Error Estimate	59.3076
AIC	1327.624
SBC	1344.349
Number of Residuals	120

Correlations of Parameter Estimates

Variable Parameter		CUST MU	CUST MA1,1	CUST AR1,1	CUST AR2,1	com1 NUM1	com2 NUM2
CUST MU		1.000	0.015	-0.001	-0.046	-0.092	-0.133
CUST MA1,1		0.015	1.000	0.054	0.139	0.030	-0.067
CUST AR1,1		-0.001	0.054	1.000	-0.049	0.058	-0.008
CUST AR2,1		-0.046	0.139	-0.049	1.000	-0.139	-0.005
com1 NUM1		-0.092	0.030	0.058	-0.139	1.000	0.010
com2 NUM2		-0.133	-0.067	-0.008	-0.005	0.010	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	2.89	3	0.4092	-0.005	0.066	0.125	-0.010	0.055	-0.003
12	7.48	9	0.5874	0.010	-0.054	0.155	0.062	0.059	-0.012
18	9.76	15	0.8348	0.109	-0.033	0.058	-0.001	-0.019	-0.001
24	15.00	21	0.8232	0.041	-0.072	-0.113	0.072	-0.034	0.095

Kentucky Power Company Short-Term Customer Count Model
Commercial Customers

The ARIMA Procedure

Model for variable CUST

Estimated Intercept 26.70469
Period(s) of Differencing 1

Autoregressive Factors

Factor 1: 1 + 0.4826 B**(1)
Factor 2: 1 - 0.286 B**(12)

Moving Average Factors

Factor 1: 1 - 0.18658 B**(6)

Input Number 1

Input Variable com1
Period(s) of Differencing 1
Overall Regression Factor -782.507

Input Number 2

Input Variable com2
Period(s) of Differencing 1
Overall Regression Factor 860.2452

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
122	30196.9525	59.3076	30080.7118	30313.1933
123	30189.1944	66.7759	30058.3161	30320.0727
124	30245.5150	80.2443	30088.2391	30402.7909
125	30261.7140	88.7156	30087.8347	30435.5934
126	30297.4470	97.7524	30105.8559	30489.0382
127	30327.6124	105.4303	30120.9728	30534.2521
128	30350.9965	109.3941	30136.5879	30565.4050
129	30380.0606	114.6034	30155.4421	30604.6792
130	30382.2598	118.9220	30149.1771	30615.3426
131	30421.3441	123.3933	30179.4976	30663.1906
132	30442.7006	127.5652	30192.6775	30692.7238
133	30466.3431	131.6715	30208.2717	30724.4144
134	30489.9729	140.6539	30214.2963	30765.6496
135	30506.8210	146.6020	30219.4863	30794.1557
136	30541.9960	153.4283	30241.2821	30842.7099

Kentucky Power Company Short-Term Customer Count Model
Commercial Customers

The ARIMA Procedure

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
137	30565.6960	159.4386	30253.2021	30878.1899
138	30594.9828	165.4724	30270.6630	30919.3027
139	30622.6773	171.1804	30287.1699	30958.1847
140	30648.4323	175.9950	30303.4884	30993.3761
141	30675.8118	181.0090	30321.0406	31030.5829
142	30695.5078	185.7326	30331.4786	31059.5370
143	30725.7531	190.4118	30352.5528	31098.9534
144	30750.9282	194.9444	30368.8443	31133.0121
145	30776.7571	199.3901	30385.9596	31167.5545
146	30802.5824	204.7824	30401.2162	31203.9485
147	30826.4680	209.5321	30415.7926	31237.1435
148	30855.5952	214.4116	30435.3562	31275.8343
149	30881.4406	219.0709	30452.0696	31310.8116
150	30908.8838	223.6857	30470.4679	31347.2996
151	30935.8715	228.1822	30488.6426	31383.1005
152	30962.3046	232.4297	30506.7507	31417.8585
153	30989.2023	236.6775	30525.3229	31453.0817
154	31013.9025	240.8140	30541.9156	31485.8893
155	31041.6198	244.8979	30561.6287	31521.6109
156	31067.8870	248.9066	30580.0390	31555.7351
157	31094.3412	252.8557	30598.7532	31589.9292

Kentucky Power Company Short-Term Customer Count Model
Industrial Customers

The ARIMA Procedure

Maximum Likelihood Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-0.17238	0.22475	-0.77	0.4431	0	CUST	0
AR1,1	-0.50099	0.09161	-5.47	<.0001	1	CUST	0
AR2,1	-0.25393	0.09737	-2.61	0.0091	2	CUST	0
AR2,2	-0.24883	0.08997	-2.77	0.0057	4	CUST	0
AR2,3	-0.33815	0.09233	-3.66	0.0002	6	CUST	0
NUM1	-21.07655	5.42122	-3.89	0.0001	0	ind1	0

Constant Estimate	-0.47632
Variance Estimate	42.95004
Std Error Estimate	6.553628
AIC	798.6403
SBC	815.3653
Number of Residuals	120

Correlations of Parameter Estimates

Variable Parameter		CUST MU	CUST AR1,1	CUST AR2,1	CUST AR2,2	CUST AR2,3	ind1 NUM1
CUST MU		1.000	-0.012	0.001	-0.012	0.029	0.208
CUST AR1,1		-0.012	1.000	0.391	0.076	0.051	-0.027
CUST AR2,1		0.001	0.391	1.000	0.306	0.195	0.030
CUST AR2,2		-0.012	0.076	0.306	1.000	0.182	0.041
CUST AR2,3		0.029	0.051	0.195	0.182	1.000	0.153
ind1 NUM1		0.208	-0.027	0.030	0.041	0.153	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	4.46	2	0.1073	-0.030	0.004	0.121	0.041	-0.074	0.112
12	10.46	8	0.2341	-0.096	0.021	0.079	-0.043	-0.115	0.118
18	16.21	14	0.3009	-0.012	-0.031	0.120	-0.131	0.089	0.021
24	24.86	20	0.2070	-0.095	-0.047	0.143	-0.096	0.104	0.081

Kentucky Power Company Short-Term Customer Count Model
Industrial Customers

The ARIMA Procedure

Model for variable CUST

Estimated Intercept -0.17238
Period(s) of Differencing 1

Autoregressive Factors

Factor 1: 1 + 0.50099 B**(1)
Factor 2: 1 + 0.25393 B**(2) + 0.24883 B**(4) + 0.33815 B**(6)

Input Number 1

Input Variable ind1
Period(s) of Differencing 1
Overall Regression Factor -21.0765

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
122	936.8659	6.5536	924.0210	949.7107
123	938.0404	7.3243	923.6850	952.3957
124	939.4469	8.0134	923.7409	955.1529
125	943.0907	8.6514	926.1342	960.0471
126	939.7944	8.8904	922.3695	957.2193
127	942.7640	9.2785	924.5784	960.9496
128	942.0796	9.3179	923.8169	960.3424
129	939.6468	9.4822	921.0620	958.2315
130	939.8767	9.8187	920.6323	959.1211
131	938.1916	10.0519	918.4903	957.8929
132	939.1080	10.4388	918.6483	959.5677
133	938.8162	10.7301	917.7855	959.8469
134	938.4421	11.0715	916.7423	960.1420
135	939.4400	11.3740	917.1474	961.7326
136	938.9123	11.5682	916.2390	961.5856
137	938.9838	11.8063	915.8439	962.1237
138	938.5837	12.0094	915.0458	962.1216
139	938.0986	12.2237	914.1406	962.0566
140	938.1406	12.4494	913.7402	962.5411
141	937.5913	12.6637	912.7710	962.4116
142	937.5412	12.9092	912.2397	962.8428
143	937.4600	13.1327	911.7203	963.1996
144	937.2801	13.3500	911.1146	963.4457
145	937.2842	13.5651	910.6972	963.8712
146	937.0107	13.7646	910.0325	963.9889
147	936.8984	13.9673	909.5230	964.2738
148	936.7121	14.1601	908.9588	964.4654

Kentucky Power Company Short-Term Customer Count Model
Industrial Customers

The ARIMA Procedure

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
149	936.4498	14.3538	908.3169	964.5827
150	936.3086	14.5501	907.7908	964.8264
151	936.0845	14.7413	907.1921	964.9768
152	935.9418	14.9341	906.6715	965.2121
153	935.7846	15.1224	906.1453	965.4240
154	935.6016	15.3083	905.5979	965.6054
155	935.4687	15.4920	905.1049	965.8325
156	935.2811	15.6710	904.5666	965.9956
157	935.1124	15.8492	904.0486	966.1762

Kentucky Power Company Short-Term Customer Count Model
Industrial-Small Mining Customers

The ARIMA Procedure

Maximum Likelihood Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MU	-0.98689	0.26312	-3.75	0.0002	0
MA1,1	0.49924	0.08181	6.10	<.0001	1
AR1,1	-0.26342	0.09279	-2.84	0.0045	15

Constant Estimate	-1.24686
Variance Estimate	49.6701
Std Error Estimate	7.047702
AIC	813.5209
SBC	821.8834
Number of Residuals	120

Correlations of Parameter Estimates

Parameter	MU	MA1,1	AR1,1
MU	1.000	-0.026	-0.043
MA1,1	-0.026	1.000	0.128
AR1,1	-0.043	0.128	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	2.16	4	0.7070	0.051	-0.025	-0.070	-0.047	-0.048	-0.068
12	6.75	10	0.7486	-0.094	-0.114	0.113	0.018	0.019	0.007
18	11.45	16	0.7810	-0.023	0.136	0.086	0.006	-0.075	-0.039
24	17.88	22	0.7130	0.064	-0.009	-0.072	-0.128	-0.048	0.122

Autocorrelation Plot of Residuals

Lag	Covariance	Correlation	-1 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 1																			Std Error
0	49.670105	1.00000	|*****|																			0
1	2.513486	0.05060	|* .|																			0.091287
2	-1.224728	-.02466	|. |																			0.091521
3	-3.453401	-.06953	|. *|																			0.091576
4	-2.357150	-.04746	|. *|																			0.092015
5	-2.368115	-.04768	|. *|																			0.092218
6	-3.359022	-.06763	|. *|																			0.092424
7	-4.644386	-.09350	|. **|																			0.092835

Kentucky Power Company Short-Term Customer Count Model
 Industrial-Small Mining Customers

The ARIMA Procedure

Inverse Autocorrelations

Lag	Correlation	-1	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	1	
22	0.06320										.	*	.										
23	0.06560										.	*	.										
24	-0.09529										.	**	.										

Partial Autocorrelations

Lag	Correlation	-1	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	1	
1	0.05060										.	*	.										
2	-0.02729										.	*	.										
3	-0.06709										.	*	.										
4	-0.04148										.	*	.										
5	-0.04710										.	*	.										
6	-0.07080										.	*	.										
7	-0.09747										.	**	.										
8	-0.12178										.	**	.										
9	0.10365										.		**	.									
10	-0.02047										.		.										
11	-0.00678										.		.										
12	-0.00253										.		.										
13	-0.03851										.	*	.										
14	0.13332										.		***	.									
15	0.07157										.	*	.										
16	0.01142										.		.										
17	-0.02823										.	*	.										
18	-0.02677										.	*	.										
19	0.09273										.		**	.									
20	-0.00295										.		.										
21	-0.05775										.	*	.										
22	-0.07867										.	**	.										
23	-0.06625										.	*	.										
24	0.10492										.		**	.									

Model for variable CUST

Estimated Mean -0.98689
 Period(s) of Differencing 1

Autoregressive Factors

Factor 1: 1 + 0.26342 B**(15)

Kentucky Power Company Short-Term Customer Count Model
Industrial-Small Mining Customers

The ARIMA Procedure

Moving Average Factors

Factor 1: 1 - 0.49924 B**(1)

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
122	402.9263	7.0477	389.1131	416.7396
123	403.2600	7.8820	387.8116	418.7084
124	403.5937	8.6360	386.6673	420.5200
125	405.2444	9.3293	386.9593	423.5296
126	402.1536	9.9746	382.6038	421.7034
127	402.2239	10.5805	381.4864	422.9613
128	400.1867	11.1536	378.3261	422.0474
129	400.2570	11.6986	377.3281	423.1859
130	399.2736	12.2194	375.3240	423.2232
131	399.0804	12.7189	374.1519	424.0089
132	398.8872	13.1994	373.0168	424.7576
133	397.6404	13.6631	370.8612	424.4195
134	397.4472	14.1115	369.7891	425.1053
135	397.2540	14.5462	368.7440	425.7640
136	392.8461	14.9682	363.5090	422.1832
137	393.1992	15.0614	363.6794	422.7189
138	391.8644	15.2841	361.9082	421.8206
139	390.5297	15.5035	360.1433	420.9160
140	388.8479	15.7200	358.0374	419.6585
141	388.4153	15.9335	357.1863	419.6443
142	387.1499	16.1441	355.5080	418.7918
143	386.4397	16.3521	354.3902	418.4892
144	385.1743	16.5574	352.7223	417.6263
145	384.1865	16.7602	351.3370	417.0360
146	382.9905	16.9606	349.7483	416.2328
147	381.7945	17.1587	348.1641	415.4250
148	380.8761	17.3545	346.8619	414.8903
149	379.6802	17.5481	345.2865	414.0738
150	378.4842	17.7396	343.7152	413.2532
151	378.3985	17.9291	343.2581	413.5388
152	377.0586	18.1932	341.4006	412.7166
153	376.1633	18.4142	340.0722	412.2545
154	375.2681	18.6326	338.7489	411.7873
155	374.4642	18.8485	337.5219	411.4065
156	373.3313	19.0619	335.9708	410.6919
157	372.4178	19.2729	334.6436	410.1921

Kentucky Power Company Short-Term Customer Count Model
Other Retail Customers

The ARIMA Procedure

Maximum Likelihood Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-0.20154	0.05461	-3.69	0.0002	0	CUST	0
MA1,1	0.79144	0.09889	8.00	<.0001	1	CUST	0
MA1,2	0.17428	0.07215	2.42	0.0157	8	CUST	0
NUM1	60.02945	2.86449	20.96	<.0001	0	or1	0
NUM2	37.12176	3.45133	10.76	<.0001	0	or2	0
NUM3	24.44827	4.15745	5.88	<.0001	0	or3	0

Constant Estimate	-0.20154
Variance Estimate	19.40347
Std Error Estimate	4.404937
AIC	704.7112
SBC	721.4361
Number of Residuals	120

Correlations of Parameter Estimates

Variable Parameter		CUST MU	CUST MA1,1	CUST MA1,2	or1 NUM1	or2 NUM2	or3 NUM3
CUST MU		1.000	-0.006	0.355	0.705	-0.528	0.053
CUST MA1,1		-0.006	1.000	0.255	-0.053	0.602	-0.109
CUST MA1,2		0.355	0.255	1.000	0.261	0.084	0.111
or1 NUM1		0.705	-0.053	0.261	1.000	-0.309	0.049
or2 NUM2		-0.528	0.602	0.084	-0.309	1.000	-0.104
or3 NUM3		0.053	-0.109	0.111	0.049	-0.104	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	1.46	4	0.8342	0.084	-0.019	0.007	0.009	-0.001	-0.064
12	3.66	10	0.9614	-0.041	0.004	0.085	0.040	0.067	-0.041
18	9.10	16	0.9094	0.001	-0.028	-0.100	-0.139	-0.092	0.009
24	13.48	22	0.9190	-0.138	0.010	-0.098	-0.031	-0.013	0.005

Kentucky Power Company Short-Term Customer Count Model
Other Retail Customers

The ARIMA Procedure

Model for variable CUST

Estimated Intercept -0.20154
Period(s) of Differencing 1

Moving Average Factors

Factor 1: 1 - 0.79144 B**(1) - 0.17428 B**(8)

Input Number 1

Input Variable or1
Period(s) of Differencing 1
Overall Regression Factor 60.02945

Input Number 2

Input Variable or2
Period(s) of Differencing 1
Overall Regression Factor 37.12176

Input Number 3

Input Variable or3
Period(s) of Differencing 1
Overall Regression Factor 24.44827

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
122	397.6945	4.4049	389.0610	406.3280
123	397.9143	4.4997	389.0950	406.7336
124	398.1233	4.5925	389.1221	407.1245
125	398.4355	4.6835	389.2560	407.6151
126	398.4703	4.7728	389.1159	407.8248
127	398.4262	4.8604	388.9001	407.9524
128	399.0779	4.9465	389.3830	408.7728
129	399.9508	5.0310	390.0901	409.8115
130	399.7493	5.0333	389.8842	409.6144
131	399.5477	5.0356	389.6782	409.4173
132	399.3462	5.0378	389.4722	409.2202
133	399.1447	5.0401	389.2662	409.0231
134	398.9431	5.0424	389.0603	408.8260
135	398.7416	5.0446	388.8543	408.6289

Kentucky Power Company Short-Term Customer Count Model
Other Retail Customers

The ARIMA Procedure

Forecasts for variable CUST

Obs	Forecast	Std Error	95% Confidence Limits	
136	398.5401	5.0469	388.6483	408.4318
137	398.3385	5.0491	388.4424	408.2346
138	398.1370	5.0514	388.2364	408.0375
139	397.9354	5.0537	388.0305	407.8404
140	397.7339	5.0559	387.8245	407.6433
141	397.5324	5.0582	387.6186	407.4462
142	397.3308	5.0604	387.4126	407.2491
143	397.1293	5.0627	387.2066	407.0519
144	396.9278	5.0649	387.0007	406.8548
145	396.7262	5.0672	386.7947	406.6577
146	396.5247	5.0694	386.5888	406.4606
147	396.3231	5.0717	386.3829	406.2634
148	396.1216	5.0739	386.1769	406.0663
149	395.9201	5.0762	385.9710	405.8692
150	395.7185	5.0784	385.7650	405.6720
151	395.5170	5.0806	385.5591	405.4749
152	395.3155	5.0829	385.3532	405.2777
153	395.1139	5.0851	385.1472	405.0806
154	394.9124	5.0874	384.9413	404.8835
155	394.7108	5.0896	384.7354	404.6863
156	394.5093	5.0919	384.5295	404.4892
157	394.3078	5.0941	384.3235	404.2920

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2003	1	1	144903		
KPC	2003	2	1	144848		
KPC	2003	3	1	144700		
KPC	2003	4	1	144415		
KPC	2003	5	1	144250		
KPC	2003	6	1	144177		
KPC	2003	7	1	144130		
KPC	2003	8	1	144290		
KPC	2003	9	1	144411		
KPC	2003	10	1	144406		
KPC	2003	11	1	144466		
KPC	2003	12	1	144850		
KPC	2004	1	1	145096		
KPC	2004	2	1	144846	144677.9	145383
KPC	2004	3	1	144789	144411	145080.2
KPC	2004	4	1	144670	144145.8	144810.9
KPC	2004	5	1	144359	144094.3	144759
KPC	2004	6	1	144117	143967.2	144631.7
KPC	2004	7	1	144037	143791.9	144456.5
KPC	2004	8	1	144066	143885.1	144549.7
KPC	2004	9	1	144081	143897.9	144562.4
KPC	2004	10	1	144159	143786.1	144450.7
KPC	2004	11	1	144360	143861.8	144526.4
KPC	2004	12	1	144623	144342.4	145006.9
KPC	2005	1	1	144900	144526.1	145180.6
KPC	2005	2	1	144415	143984.2	144571.5
KPC	2005	3	1	145259	144838.3	145418.7
KPC	2005	4	1	144955	144268.1	144847.7
KPC	2005	5	1	144302	144269.4	144848.8
KPC	2005	6	1	144342	143928.6	144508
KPC	2005	7	1	144274	143928.9	144508.3
KPC	2005	8	1	144231	144042.2	144621.6
KPC	2005	9	1	144191	144028.3	144607.7
KPC	2005	10	1	144223	143968	144547.4
KPC	2005	11	1	144419	144061.9	144641.3
KPC	2005	12	1	144641	144412	144991.4

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2006	1	1	144830	144619.3	145195.1
KPC	2006	2	1	144530	144151.4	144704.3
KPC	2006	3	1	145013	144702.2	145252.4
KPC	2006	4	1	144560	144333.2	144883.1
KPC	2006	5	1	144258	143894.9	144444.8
KPC	2006	6	1	144120	143842.9	144392.7
KPC	2006	7	1	144118	143758.4	144308.2
KPC	2006	8	1	144248	143837.2	144387
KPC	2006	9	1	144269	143933.2	144483
KPC	2006	10	1	144313	143987.3	144537.2
KPC	2006	11	1	144545	144154.2	144704.1
KPC	2006	12	1	144554	144495	145044.8
KPC	2007	1	1	144815	144574	145122.1
KPC	2007	2	1	144843	144446.8	144983.9
KPC	2007	3	1	144494	144421.4	144957.2
KPC	2007	4	1	144179	144166	144701.6
KPC	2007	5	1	143841	143613.7	144149.4
KPC	2007	6	1	143743	143459.8	143995.5
KPC	2007	7	1	143666	143397.2	143932.8
KPC	2007	8	1	143970	143441.6	143977.2
KPC	2007	9	1	144118	143611.2	144146.8
KPC	2007	10	1	144087	143778.1	144313.7
KPC	2007	11	1	144181	143956.1	144491.7
KPC	2007	12	1	144542	144110.7	144646.4
KPC	2008	1	1	144825	144436.5	144971.2
KPC	2008	2	1	144690	144431.7	144960.3
KPC	2008	3	1	144365	144249.8	144777.7
KPC	2008	4	1	143988	143968.2	144496
KPC	2008	5	1	143799	143424.6	143952.4
KPC	2008	6	1	143710	143365	143892.8
KPC	2008	7	1	143789	143333.2	143861
KPC	2008	8	1	143832	143554.4	144082.2
KPC	2008	9	1	143855	143590.2	144118
KPC	2008	10	1	143884	143582.2	144110
KPC	2008	11	1	144121	143733.5	144261.3
KPC	2008	12	1	144407	144029.1	144556.9

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2009	1	1	144472	144326.9	144854.2
KPC	2009	2	1	144302	144143.2	144666.9
KPC	2009	3	1	144126	143855.1	144378.4
KPC	2009	4	1	143754	143622.2	144145.4
KPC	2009	5	1	143405	143186	143709.2
KPC	2009	6	1	143404	143026.4	143549.7
KPC	2009	7	1	143215	143043.1	143566.3
KPC	2009	8	1	143272	143059.9	143583.1
KPC	2009	9	1	143258	143043.5	143566.7
KPC	2009	10	1	143276	143002.4	143525.6
KPC	2009	11	1	143420	143151.1	143674.3
KPC	2009	12	1	143633	143376.8	143900
KPC	2010	1	1	143805	143551.1	144073.9
KPC	2010	2	1	143788	143415.5	143936.2
KPC	2010	3	1	143618	143265.5	143785.9
KPC	2010	4	1	143153	143047.7	143568.1
KPC	2010	5	1	142803	142585.5	143105.9
KPC	2010	6	1	142743	142442.9	142963.3
KPC	2010	7	1	142667	142372.5	142892.9
KPC	2010	8	1	142742	142455.1	142975.5
KPC	2010	9	1	142470	142471.2	142991.6
KPC	2010	10	1	142457	142287.3	142807.7
KPC	2010	11	1	142699	142360	142880.4
KPC	2010	12	1	142708	142619.7	143140.1
KPC	2011	1	1	143185	142675.1	143195.3
KPC	2011	2	1	142735	142718.4	143237.1
KPC	2011	3	1	142867	142339.2	142857.8
KPC	2011	4	1	142173	142186.9	142705.4
KPC	2011	5	1	141679	141640.3	142158.8
KPC	2011	6	1	141463	141383.5	141902
KPC	2011	7	1	141398	141164.9	141683.4
KPC	2011	8	1	141531	141200.9	141719.4
KPC	2011	9	1	141286	141180.4	141699
KPC	2011	10	1	141180	141056	141574.5
KPC	2011	11	1	141320	141111.6	141630.1
KPC	2011	12	1	141500	141236.8	141755.4

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2012	1	1	141565	141457.2	141975.6
KPC	2012	2	1	141707	141165.3	141682.8
KPC	2012	3	1	141335	141184.4	141701.8
KPC	2012	4	1	140895	140706.4	141223.7
KPC	2012	5	1	140790	140256.1	140773.5
KPC	2012	6	1	140611	140288.9	140806.3
KPC	2012	7	1	140697	140224.1	140741.5
KPC	2012	8	1	140645	140420.4	140937.8
KPC	2012	9	1	140641	140286.7	140804.1
KPC	2012	10	1	140571	140296.8	140814.2
KPC	2012	11	1	140781	140438.7	140956
KPC	2012	12	1	140909	140644.5	141161.9
KPC	2013	1	1	141093	140826	141343.3
KPC	2013	2	1	140949.7	140692.1	141207.3
KPC	2013	3	1	140735.5	140429	141042.1
KPC	2013	4	1	140310.7	139961.9	140659.4
KPC	2013	5	1	139952.8	139566.4	140339.1
KPC	2013	6	1	139790.9	139370.3	140211.5
KPC	2013	7	1	139711.4	139259.2	140163.7
KPC	2013	8	1	139737.8	139256	140219.7
KPC	2013	9	1	139636.3	139126.6	140146
KPC	2013	10	1	139570.7	139034.5	140106.8
KPC	2013	11	1	139707	139145.7	140268.4
KPC	2013	12	1	139843.8	139258.4	140429.2
KPC	2014	1	1	140012.2	139403.6	140620.8
KPC	2014	2	1	139860.8	139215.7	140505.9
KPC	2014	3	1	139636.1	138961.6	140310.6
KPC	2014	4	1	139200.7	138498.1	139903.4
KPC	2014	5	1	138832.3	138102.6	139562.1
KPC	2014	6	1	138659.9	137904	139415.8
KPC	2014	7	1	138570	137788.8	139351.2
KPC	2014	8	1	138585.9	137780.2	139391.5
KPC	2014	9	1	138473.9	137644.5	139303.2
KPC	2014	10	1	138397.7	137545.3	139250.2
KPC	2014	11	1	138523.5	137648.6	139398.5
KPC	2014	12	1	138649.8	137753	139546.6

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2015	1	1	138807.7	137889.5	139725.9
KPC	2015	2	1	138645.8	137695.5	139596.1
KPC	2015	3	1	138410.6	137433.4	139387.8
KPC	2015	4	1	137964.7	136961.3	138968.1
KPC	2015	5	1	137585.8	136556.9	138614.7
KPC	2015	6	1	137402.9	136349	138456.7
KPC	2015	7	1	137302.4	136224.3	138380.6
KPC	2015	8	1	137307.8	136205.8	138409.8
KPC	2015	9	1	137185.3	136060	138310.5
KPC	2015	10	1	137098.6	135950.5	138246.7
KPC	2015	11	1	137214	136043.5	138384.4
KPC	2015	12	1	137329.7	136137.3	138522.1
KPC	2016	1	1	137477.1	136263.1	138691.1
KPC	2016	2	1			
KPC	2016	3	1			
KPC	2016	4	1			
KPC	2016	5	1			
KPC	2016	6	1			
KPC	2016	7	1			
KPC	2016	8	1			
KPC	2016	9	1			
KPC	2016	10	1			
KPC	2016	11	1			
KPC	2016	12	1			
KPC	2003	1	2	26893		
KPC	2003	2	2	26858	26779.22	27060.19
KPC	2003	3	2	26904	26790.8	27037.6
KPC	2003	4	2	26912	26798.59	27045.38
KPC	2003	5	2	26961	26823.14	27069.88
KPC	2003	6	2	27000	26856.23	27102.76
KPC	2003	7	2	27038	26892.76	27138.4
KPC	2003	8	2	27940	27809.83	28051.55
KPC	2003	9	2	27992	27842.12	28082.2
KPC	2003	10	2	28029	27888.05	28128.11
KPC	2003	11	2	28046	27928.89	28168.9
KPC	2003	12	2	28110	27949.59	28189.36

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2004	1	2	28131	28000.85	28239.63
KPC	2004	2	2	28104	28027.31	28261.67
KPC	2004	3	2	28127	28032.03	28264.76
KPC	2004	4	2	28166	28032.8	28265.53
KPC	2004	5	2	28189	28074.67	28307.4
KPC	2004	6	2	28233	28100.71	28333.43
KPC	2004	7	2	28321	28137.87	28370.56
KPC	2004	8	2	28361	28215.19	28447.74
KPC	2004	9	2	28421	28278.34	28510.83
KPC	2004	10	2	28472	28318.69	28551.18
KPC	2004	11	2	28442	28369.76	28602.25
KPC	2004	12	2	28496	28386.19	28618.68
KPC	2005	1	2	28555	28384.37	28616.86
KPC	2005	2	2	28492	28428.22	28660.71
KPC	2005	3	2	28726	28432.35	28664.84
KPC	2005	4	2	28742	28532.51	28765
KPC	2005	5	2	28820	28666.48	28898.96
KPC	2005	6	2	28921	28711.34	28943.83
KPC	2005	7	2	28896	28805.38	29037.86
KPC	2005	8	2	28995	28853.47	29085.95
KPC	2005	9	2	29068	28848.83	29081.31
KPC	2005	10	2	29079	28950.27	29182.75
KPC	2005	11	2	29040	28977.22	29209.7
KPC	2005	12	2	29064	28964.72	29197.2
KPC	2006	1	2	29121	28993.55	29226.04
KPC	2006	2	2	29047	28990.93	29223.41
KPC	2006	3	2	29187	29033.77	29266.25
KPC	2006	4	2	29148	29066.01	29298.49
KPC	2006	5	2	29245	29113.34	29345.82
KPC	2006	6	2	29278	29153.03	29385.51
KPC	2006	7	2	29279	29178.8	29411.28
KPC	2006	8	2	29339	29226.64	29459.12
KPC	2006	9	2	29384	29249.71	29482.19
KPC	2006	10	2	29597	29293.92	29526.4
KPC	2006	11	2	29433	29393.72	29626.2
KPC	2006	12	2	29354	29424.03	29656.51

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2007	1	2	29460	29326.76	29559.24
KPC	2007	2	2	29416	29308.3	29540.78
KPC	2007	3	2	29460	29375.72	29608.2
KPC	2007	4	2	29427	29324.1	29556.58
KPC	2007	5	2	29570	29391.67	29624.15
KPC	2007	6	2	29678	29470.6	29703.08
KPC	2007	7	2	29736	29539.58	29772.06
KPC	2007	8	2	29828	29638.93	29871.41
KPC	2007	9	2	29876	29722.74	29955.23
KPC	2007	10	2	29925	29834.48	30066.96
KPC	2007	11	2	29935	29784.29	30016.77
KPC	2007	12	2	29922	29779.96	30012.44
KPC	2008	1	2	29969	29844.75	30077.24
KPC	2008	2	2	29955	29846.8	30079.29
KPC	2008	3	2	29975	29873.39	30105.87
KPC	2008	4	2	30023	29878.81	30111.29
KPC	2008	5	2	30069	29941.78	30174.26
KPC	2008	6	2	30080	30004.64	30237.12
KPC	2008	7	2	29341	29234.21	29466.7
KPC	2008	8	2	29387	29267.85	29500.33
KPC	2008	9	2	29479	29305.98	29538.47
KPC	2008	10	2	29482	29362.05	29594.54
KPC	2008	11	2	29453	29400.15	29632.64
KPC	2008	12	2	29540	29384.31	29616.79
KPC	2009	1	2	29552	29423.45	29655.94
KPC	2009	2	2	29486	29460.18	29692.66
KPC	2009	3	2	29604	29423.07	29655.56
KPC	2009	4	2	29479	29474.88	29707.36
KPC	2009	5	2	29457	29482.96	29715.44
KPC	2009	6	2	29567	29381.78	29614.26
KPC	2009	7	2	29524	29437.61	29670.09
KPC	2009	8	2	29559	29492.81	29725.29
KPC	2009	9	2	29581	29474.73	29707.21
KPC	2009	10	2	29614	29516.89	29749.37
KPC	2009	11	2	29595	29528.75	29761.24
KPC	2009	12	2	29635	29524.21	29756.69

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2010	1	2	29670	29548.73	29781.21
KPC	2010	2	2	29652	29557.26	29789.74
KPC	2010	3	2	29669	29599.21	29831.7
KPC	2010	4	2	29699	29556.93	29789.41
KPC	2010	5	2	29710	29582.33	29814.81
KPC	2010	6	2	29863	29646.16	29878.64
KPC	2010	7	2	29814	29703.14	29935.62
KPC	2010	8	2	29867	29757.76	29990.24
KPC	2010	9	2	29864	29773.24	30005.72
KPC	2010	10	2	29878	29785.13	30017.61
KPC	2010	11	2	29971	29780.26	30012.74
KPC	2010	12	2	29828	29828.19	30060.68
KPC	2011	1	2	30017	29825.57	30058.06
KPC	2011	2	2	29782	29838.81	30071.29
KPC	2011	3	2	29964	29814.57	30047.05
KPC	2011	4	2	29852	29803.48	30035.96
KPC	2011	5	2	29900	29811.47	30043.95
KPC	2011	6	2	29936	29855.86	30088.35
KPC	2011	7	2	29908	29823.73	30056.21
KPC	2011	8	2	30057	29874.22	30106.7
KPC	2011	9	2	30031	29897.39	30129.87
KPC	2011	10	2	30047	29971.8	30204.28
KPC	2011	11	2	30046	29985.01	30217.49
KPC	2011	12	2	30032	29937.18	30169.67
KPC	2012	1	2	30029	29991.07	30223.55
KPC	2012	2	2	29991	29888.94	30121.42
KPC	2012	3	2	29891	29937.74	30170.22
KPC	2012	4	2	29979	29852.03	30084.52
KPC	2012	5	2	30000	29857.14	30089.62
KPC	2012	6	2	30057	29922.81	30155.29
KPC	2012	7	2	30096	29953.09	30185.57
KPC	2012	8	2	30111	30030.6	30263.08
KPC	2012	9	2	30146	30059.33	30291.81
KPC	2012	10	2	30087	30040.12	30272.6
KPC	2012	11	2	30157	30024.46	30256.94
KPC	2012	12	2	30165	30027.76	30260.24

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2013	1	2	30181	30065.4	30297.88
KPC	2013	2	2	30196.95	30080.71	30313.19
KPC	2013	3	2	30189.19	30058.32	30320.07
KPC	2013	4	2	30245.51	30088.24	30402.79
KPC	2013	5	2	30261.71	30087.83	30435.59
KPC	2013	6	2	30297.45	30105.86	30489.04
KPC	2013	7	2	30327.61	30120.97	30534.25
KPC	2013	8	2	30351	30136.59	30565.41
KPC	2013	9	2	30380.06	30155.44	30604.68
KPC	2013	10	2	30382.26	30149.18	30615.34
KPC	2013	11	2	30421.34	30179.5	30663.19
KPC	2013	12	2	30442.7	30192.68	30692.72
KPC	2014	1	2	30466.34	30208.27	30724.41
KPC	2014	2	2	30489.97	30214.3	30765.65
KPC	2014	3	2	30506.82	30219.49	30794.16
KPC	2014	4	2	30542	30241.28	30842.71
KPC	2014	5	2	30565.7	30253.2	30878.19
KPC	2014	6	2	30594.98	30270.66	30919.3
KPC	2014	7	2	30622.68	30287.17	30958.18
KPC	2014	8	2	30648.43	30303.49	30993.38
KPC	2014	9	2	30675.81	30321.04	31030.58
KPC	2014	10	2	30695.51	30331.48	31059.54
KPC	2014	11	2	30725.75	30352.55	31098.95
KPC	2014	12	2	30750.93	30368.84	31133.01
KPC	2015	1	2	30776.76	30385.96	31167.55
KPC	2015	2	2	30802.58	30401.22	31203.95
KPC	2015	3	2	30826.47	30415.79	31237.14
KPC	2015	4	2	30855.6	30435.36	31275.83
KPC	2015	5	2	30881.44	30452.07	31310.81
KPC	2015	6	2	30908.88	30470.47	31347.3
KPC	2015	7	2	30935.87	30488.64	31383.1
KPC	2015	8	2	30962.3	30506.75	31417.86
KPC	2015	9	2	30989.2	30525.32	31453.08
KPC	2015	10	2	31013.9	30541.92	31485.89
KPC	2015	11	2	31041.62	30561.63	31521.61
KPC	2015	12	2	31067.89	30580.04	31555.74

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2016	1	2	31094.34	30598.75	31589.93
KPC	2016	2	2			
KPC	2016	3	2			
KPC	2016	4	2			
KPC	2016	5	2			
KPC	2016	6	2			
KPC	2016	7	2			
KPC	2016	8	2			
KPC	2016	9	2			
KPC	2016	10	2			
KPC	2016	11	2			
KPC	2016	12	2			
KPC	2003	1	3.1	944		
KPC	2003	2	3.1	943	928.4656	959.1896
KPC	2003	3	3.1	937	929.1641	957.1716
KPC	2003	4	3.1	970	925.9795	953.5724
KPC	2003	5	3.1	935	941.0981	968.6857
KPC	2003	6	3.1	931	931.9926	959.0123
KPC	2003	7	3.1	933	924.5272	951.5278
KPC	2003	8	3.1	926	915.7132	941.7797
KPC	2003	9	3.1	922	922.9802	948.67
KPC	2003	10	3.1	918	907.4218	933.1115
KPC	2003	11	3.1	924	914.8348	940.5245
KPC	2003	12	3.1	945	917.9718	943.6616
KPC	2004	1	3.1	939	922.0126	947.7024
KPC	2004	2	3.1	939	926.111	951.8007
KPC	2004	3	3.1	938	926.075	951.7647
KPC	2004	4	3.1	939	922	947.6897
KPC	2004	5	3.1	943	922.9556	948.6454
KPC	2004	6	3.1	935	920.1785	945.8683
KPC	2004	7	3.1	936	923.2639	948.9536
KPC	2004	8	3.1	934	924.5927	950.2825
KPC	2004	9	3.1	933	921.6628	947.3525
KPC	2004	10	3.1	934	921.8837	947.5734
KPC	2004	11	3.1	924	919.9126	945.6024
KPC	2004	12	3.1	929	917.9625	943.6523

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2005	1	3.1	933	917.1013	942.791
KPC	2005	2	3.1	929	918.0601	943.7498
KPC	2005	3	3.1	942	919.0715	944.7613
KPC	2005	4	3.1	929	922.5066	948.1963
KPC	2005	5	3.1	932	920.9928	946.6826
KPC	2005	6	3.1	934	919.3232	945.0129
KPC	2005	7	3.1	930	915.6331	941.3228
KPC	2005	8	3.1	935	920.0824	945.7721
KPC	2005	9	3.1	937	917.091	942.7807
KPC	2005	10	3.1	938	923.238	948.9278
KPC	2005	11	3.1	936	924.9677	950.6575
KPC	2005	12	3.1	941	921.2424	946.9321
KPC	2006	1	3.1	948	925.4474	951.1371
KPC	2006	2	3.1	939	928.6454	954.3352
KPC	2006	3	3.1	953	926.6237	952.3135
KPC	2006	4	3.1	946	932.3881	958.0779
KPC	2006	5	3.1	943	931.9174	957.6071
KPC	2006	6	3.1	955	931.1932	956.8829
KPC	2006	7	3.1	947	931.7436	957.4333
KPC	2006	8	3.1	942	936.8752	962.5649
KPC	2006	9	3.1	942	930.0983	955.788
KPC	2006	10	3.1	942	928.3496	954.0393
KPC	2006	11	3.1	945	932.0099	957.6997
KPC	2006	12	3.1	945	928.8677	954.5574
KPC	2007	1	3.1	950	932.2126	957.9023
KPC	2007	2	3.1	944	936.8382	962.528
KPC	2007	3	3.1	939	932.5156	958.2053
KPC	2007	4	3.1	936	928.6973	954.387
KPC	2007	5	3.1	932	923.9562	949.6459
KPC	2007	6	3.1	945	922.4421	948.1318
KPC	2007	7	3.1	942	926.8647	952.5545
KPC	2007	8	3.1	942	929.9411	955.6309
KPC	2007	9	3.1	943	931.8633	957.553
KPC	2007	10	3.1	937	928.6848	954.3746
KPC	2007	11	3.1	938	927.4175	953.1073
KPC	2007	12	3.1	936	922.2299	947.9196

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2008	1	3.1	938	922.7535	948.4432
KPC	2008	2	3.1	941	925.934	951.6238
KPC	2008	3	3.1	953	926.0834	951.7731
KPC	2008	4	3.1	948	934.8832	960.573
KPC	2008	5	3.1	949	934.1848	959.8746
KPC	2008	6	3.1	957	934.432	960.1217
KPC	2008	7	3.1	957	936.3557	962.0454
KPC	2008	8	3.1	951	939.9151	965.6048
KPC	2008	9	3.1	966	956.552	982.2417
KPC	2008	10	3.1	972	954.7892	980.479
KPC	2008	11	3.1	969	957.4909	983.1806
KPC	2008	12	3.1	969	955.0496	980.7393
KPC	2009	1	3.1	973	956.582	982.2718
KPC	2009	2	3.1	971	959.3499	985.0397
KPC	2009	3	3.1	973	960.7348	986.4245
KPC	2009	4	3.1	976	958.0503	983.7401
KPC	2009	5	3.1	969	959.9251	985.6149
KPC	2009	6	3.1	978	958.6767	984.3665
KPC	2009	7	3.1	967	959.9649	985.6546
KPC	2009	8	3.1	973	956.7976	982.4874
KPC	2009	9	3.1	967	959.3516	985.0413
KPC	2009	10	3.1	968	953.8404	979.5302
KPC	2009	11	3.1	970	958.4121	984.1019
KPC	2009	12	3.1	972	954.207	979.8968
KPC	2010	1	3.1	971	959.9817	985.6715
KPC	2010	2	3.1	969	957.7512	983.441
KPC	2010	3	3.1	982	957.0704	982.7602
KPC	2010	4	3.1	972	962.7324	988.4222
KPC	2010	5	3.1	971	959.7957	985.4855
KPC	2010	6	3.1	985	958.6725	984.3623
KPC	2010	7	3.1	971	963.205	988.8948
KPC	2010	8	3.1	970	962.9781	988.6679
KPC	2010	9	3.1	966	956.3921	982.0819
KPC	2010	10	3.1	958	954.538	980.2277
KPC	2010	11	3.1	963	953.6002	979.29
KPC	2010	12	3.1	952	947.1436	972.8334

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2011	1	3.1	957	947.4201	973.1098
KPC	2011	2	3.1	957	948.5302	974.2199
KPC	2011	3	3.1	964	945.0837	970.7734
KPC	2011	4	3.1	958	952.0325	977.7222
KPC	2011	5	3.1	956	945.6988	971.3886
KPC	2011	6	3.1	954	946.5632	972.2529
KPC	2011	7	3.1	950	941.3829	967.0726
KPC	2011	8	3.1	947	939.2184	964.9081
KPC	2011	9	3.1	950	935.3305	961.0203
KPC	2011	10	3.1	948	938.0365	963.7263
KPC	2011	11	3.1	949	938.238	963.9277
KPC	2011	12	3.1	948	937.5643	963.254
KPC	2012	1	3.1	944	936.4992	962.1889
KPC	2012	2	3.1	944	934.6252	960.315
KPC	2012	3	3.1	947	931.316	957.0058
KPC	2012	4	3.1	945	932.977	958.6667
KPC	2012	5	3.1	942	933.0396	958.7294
KPC	2012	6	3.1	940	930.9754	956.6651
KPC	2012	7	3.1	942	929.4725	955.1623
KPC	2012	8	3.1	954	929.3677	955.0574
KPC	2012	9	3.1	953	934.3949	960.0846
KPC	2012	10	3.1	946	937.9178	963.6076
KPC	2012	11	3.1	941	936.018	961.7077
KPC	2012	12	3.1	948	930.0378	955.7275
KPC	2013	1	3.1	934	931.7475	957.4373
KPC	2013	2	3.1	936.8659	924.021	949.7107
KPC	2013	3	3.1	938.0404	923.685	952.3957
KPC	2013	4	3.1	939.4469	923.7409	955.1529
KPC	2013	5	3.1	943.0907	926.1342	960.0471
KPC	2013	6	3.1	939.7944	922.3695	957.2193
KPC	2013	7	3.1	942.764	924.5784	960.9496
KPC	2013	8	3.1	942.0796	923.8169	960.3424
KPC	2013	9	3.1	939.6468	921.062	958.2315
KPC	2013	10	3.1	939.8767	920.6323	959.1211
KPC	2013	11	3.1	938.1916	918.4903	957.8929
KPC	2013	12	3.1	939.108	918.6483	959.5677

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Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2014	1	3.1	938.8162	917.7855	959.8469
KPC	2014	2	3.1	938.4421	916.7423	960.142
KPC	2014	3	3.1	939.44	917.1474	961.7326
KPC	2014	4	3.1	938.9123	916.239	961.5856
KPC	2014	5	3.1	938.9838	915.8439	962.1237
KPC	2014	6	3.1	938.5837	915.0458	962.1216
KPC	2014	7	3.1	938.0986	914.1406	962.0566
KPC	2014	8	3.1	938.1406	913.7402	962.5411
KPC	2014	9	3.1	937.5913	912.771	962.4116
KPC	2014	10	3.1	937.5412	912.2397	962.8428
KPC	2014	11	3.1	937.46	911.7203	963.1996
KPC	2014	12	3.1	937.2801	911.1146	963.4457
KPC	2015	1	3.1	937.2842	910.6972	963.8712
KPC	2015	2	3.1	937.0107	910.0325	963.9889
KPC	2015	3	3.1	936.8984	909.523	964.2738
KPC	2015	4	3.1	936.7121	908.9588	964.4654
KPC	2015	5	3.1	936.4498	908.3169	964.5827
KPC	2015	6	3.1	936.3086	907.7908	964.8264
KPC	2015	7	3.1	936.0845	907.1921	964.9768
KPC	2015	8	3.1	935.9418	906.6715	965.2121
KPC	2015	9	3.1	935.7846	906.1453	965.424
KPC	2015	10	3.1	935.6016	905.5979	965.6054
KPC	2015	11	3.1	935.4687	905.1049	965.8325
KPC	2015	12	3.1	935.2811	904.5666	965.9956
KPC	2016	1	3.1	935.1124	904.0486	966.1762
KPC	2016	2	3.1			
KPC	2016	3	3.1			
KPC	2016	4	3.1			
KPC	2016	5	3.1			
KPC	2016	6	3.1			
KPC	2016	7	3.1			
KPC	2016	8	3.1			
KPC	2016	9	3.1			
KPC	2016	10	3.1			
KPC	2016	11	3.1			
KPC	2016	12	3.1			

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2003	1	3.15	519		
KPC	2003	2	3.15	516	502.0089	534.0173
KPC	2003	3	3.15	549	501.1469	530.4883
KPC	2003	4	3.15	525	517.8287	546.6352
KPC	2003	5	3.15	516	513.2417	541.9212
KPC	2003	6	3.15	518	506.4541	535.1024
KPC	2003	7	3.15	509	504.0788	532.7194
KPC	2003	8	3.15	517	498.3853	527.0239
KPC	2003	9	3.15	512	499.5497	528.1879
KPC	2003	10	3.15	502	497.6271	526.2651
KPC	2003	11	3.15	515	491.6596	520.2975
KPC	2003	12	3.15	533	495.1903	523.8282
KPC	2004	1	3.15	530	505.9667	534.6047
KPC	2004	2	3.15	528	509.8444	538.4823
KPC	2004	3	3.15	523	510.7787	539.4167
KPC	2004	4	3.15	523	509.954	538.3434
KPC	2004	5	3.15	528	509.1822	536.9907
KPC	2004	6	3.15	518	501.8035	529.4748
KPC	2004	7	3.15	517	508.0817	535.7193
KPC	2004	8	3.15	517	506.7538	534.3831
KPC	2004	9	3.15	516	503.1939	530.821
KPC	2004	10	3.15	512	503.8135	531.4402
KPC	2004	11	3.15	520	497.6416	525.2681
KPC	2004	12	3.15	515	501.991	529.6174
KPC	2005	1	3.15	518	502.9756	530.6021
KPC	2005	2	3.15	515	498.9108	526.5372
KPC	2005	3	3.15	521	494.062	521.6885
KPC	2005	4	3.15	507	500.1778	527.8043
KPC	2005	5	3.15	498	495.9569	523.5834
KPC	2005	6	3.15	518	490.1331	517.7596
KPC	2005	7	3.15	511	495.9238	523.5503
KPC	2005	8	3.15	522	493.9923	521.6188
KPC	2005	9	3.15	513	502.4877	530.1142
KPC	2005	10	3.15	516	499.8513	527.4778
KPC	2005	11	3.15	506	499.7739	527.4004
KPC	2005	12	3.15	506	494.9911	522.6176

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2006	1	3.15	505	493.3936	521.0201
KPC	2006	2	3.15	504	488.9343	516.5607
KPC	2006	3	3.15	509	489.6317	517.2582
KPC	2006	4	3.15	499	490.3763	518.0028
KPC	2006	5	3.15	497	487.321	514.9475
KPC	2006	6	3.15	499	482.4233	510.0498
KPC	2006	7	3.15	505	486.2482	513.8747
KPC	2006	8	3.15	510	489.8452	517.4717
KPC	2006	9	3.15	508	486.5055	514.132
KPC	2006	10	3.15	511	490.9491	518.5756
KPC	2006	11	3.15	507	489.9282	517.5547
KPC	2006	12	3.15	503	492.6839	520.3104
KPC	2007	1	3.15	500	488.8955	516.522
KPC	2007	2	3.15	493	488.9264	516.5529
KPC	2007	3	3.15	497	482.8023	510.4288
KPC	2007	4	3.15	488	482.0114	509.6379
KPC	2007	5	3.15	484	477.1097	504.7361
KPC	2007	6	3.15	481	471.0789	498.7054
KPC	2007	7	3.15	491	470.5172	498.1437
KPC	2007	8	3.15	490	473.1371	500.7636
KPC	2007	9	3.15	485	472.8905	500.517
KPC	2007	10	3.15	480	469.2099	496.8364
KPC	2007	11	3.15	476	465.1321	492.7586
KPC	2007	12	3.15	471	462.9371	490.5636
KPC	2008	1	3.15	473	458.0204	485.6469
KPC	2008	2	3.15	475	458.4113	486.0378
KPC	2008	3	3.15	469	459.608	487.2345
KPC	2008	4	3.15	462	456.9374	484.5639
KPC	2008	5	3.15	461	453.1525	480.779
KPC	2008	6	3.15	460	447.8645	475.491
KPC	2008	7	3.15	466	448.1483	475.7748
KPC	2008	8	3.15	460	449.9774	477.6039
KPC	2008	9	3.15	464	447.6226	475.2491
KPC	2008	10	3.15	469	445.0256	472.652
KPC	2008	11	3.15	467	449.1305	476.757
KPC	2008	12	3.15	468	451.232	478.8584

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2009	1	3.15	461	452.7819	480.4084
KPC	2009	2	3.15	468	449.7869	477.4134
KPC	2009	3	3.15	467	452.0604	479.6869
KPC	2009	4	3.15	457	450.8507	478.4772
KPC	2009	5	3.15	455	445.2392	472.8657
KPC	2009	6	3.15	459	443.5436	471.17
KPC	2009	7	3.15	452	444.9635	472.59
KPC	2009	8	3.15	452	440.5865	468.213
KPC	2009	9	3.15	470	438.4014	466.0279
KPC	2009	10	3.15	441	444.4802	472.1067
KPC	2009	11	3.15	445	436.154	463.7805
KPC	2009	12	3.15	439	431.366	458.9925
KPC	2010	1	3.15	448	425.7077	453.3342
KPC	2010	2	3.15	441	429.2337	456.8602
KPC	2010	3	3.15	447	426.6984	454.3249
KPC	2010	4	3.15	447	430.5446	458.1711
KPC	2010	5	3.15	447	428.7769	456.4034
KPC	2010	6	3.15	449	430.0017	457.6282
KPC	2010	7	3.15	452	433.9856	461.6121
KPC	2010	8	3.15	449	435.3694	462.9958
KPC	2010	9	3.15	442	432.9774	460.6039
KPC	2010	10	3.15	441	431.1755	458.802
KPC	2010	11	3.15	445	427.9312	455.5577
KPC	2010	12	3.15	431	423.573	451.1995
KPC	2011	1	3.15	449	426.7674	454.3939
KPC	2011	2	3.15	443	428.683	456.3094
KPC	2011	3	3.15	448	429.2689	456.8954
KPC	2011	4	3.15	447	428.1139	455.7404
KPC	2011	5	3.15	448	431.2513	458.8778
KPC	2011	6	3.15	446	429.8939	457.5204
KPC	2011	7	3.15	436	429.7952	457.4217
KPC	2011	8	3.15	442	424.7383	452.3648
KPC	2011	9	3.15	441	424.6915	452.3179
KPC	2011	10	3.15	438	423.9039	451.5304
KPC	2011	11	3.15	437	423.5889	451.2154
KPC	2011	12	3.15	431	423.9846	451.6111

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2012	1	3.15	425	419.5971	447.2236
KPC	2012	2	3.15	414	413.0849	440.7114
KPC	2012	3	3.15	421	409.0671	436.6935
KPC	2012	4	3.15	416	402.137	429.7635
KPC	2012	5	3.15	419	402.4956	430.1221
KPC	2012	6	3.15	414	401.2793	428.9057
KPC	2012	7	3.15	413	399.7487	427.3752
KPC	2012	8	3.15	409	397.957	425.5835
KPC	2012	9	3.15	405	395.8498	423.4762
KPC	2012	10	3.15	405	394.9021	422.5286
KPC	2012	11	3.15	401	390.2142	417.8407
KPC	2012	12	3.15	397	387.7147	415.3412
KPC	2013	1	3.15	409	384.9907	412.6172
KPC	2013	2	3.15	402.9263	389.1131	416.7396
KPC	2013	3	3.15	403.26	387.8116	418.7084
KPC	2013	4	3.15	403.5937	386.6673	420.52
KPC	2013	5	3.15	405.2444	386.9593	423.5296
KPC	2013	6	3.15	402.1536	382.6038	421.7034
KPC	2013	7	3.15	402.2239	381.4864	422.9613
KPC	2013	8	3.15	400.1867	378.3261	422.0474
KPC	2013	9	3.15	400.257	377.3281	423.1859
KPC	2013	10	3.15	399.2736	375.324	423.2232
KPC	2013	11	3.15	399.0804	374.1519	424.0089
KPC	2013	12	3.15	398.8872	373.0168	424.7576
KPC	2014	1	3.15	397.6404	370.8612	424.4195
KPC	2014	2	3.15	397.4472	369.7891	425.1053
KPC	2014	3	3.15	397.254	368.744	425.764
KPC	2014	4	3.15	392.8461	363.509	422.1832
KPC	2014	5	3.15	393.1992	363.6794	422.7189
KPC	2014	6	3.15	391.8644	361.9082	421.8206
KPC	2014	7	3.15	390.5297	360.1433	420.916
KPC	2014	8	3.15	388.8479	358.0374	419.6585
KPC	2014	9	3.15	388.4153	357.1863	419.6443
KPC	2014	10	3.15	387.1499	355.508	418.7918
KPC	2014	11	3.15	386.4397	354.3902	418.4892
KPC	2014	12	3.15	385.1743	352.7223	417.6263

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2015	1	3.15	384.1865	351.337	417.036
KPC	2015	2	3.15	382.9905	349.7483	416.2328
KPC	2015	3	3.15	381.7945	348.1641	415.425
KPC	2015	4	3.15	380.8761	346.8619	414.8903
KPC	2015	5	3.15	379.6802	345.2865	414.0738
KPC	2015	6	3.15	378.4842	343.7152	413.2532
KPC	2015	7	3.15	378.3985	343.2581	413.5388
KPC	2015	8	3.15	377.0586	341.4006	412.7166
KPC	2015	9	3.15	376.1633	340.0722	412.2545
KPC	2015	10	3.15	375.2681	338.7489	411.7873
KPC	2015	11	3.15	374.4642	337.5219	411.4065
KPC	2015	12	3.15	373.3313	335.9708	410.6919
KPC	2016	1	3.15	372.4178	334.6436	410.1921
KPC	2016	2	3.15			
KPC	2016	3	3.15			
KPC	2016	4	3.15			
KPC	2016	5	3.15			
KPC	2016	6	3.15			
KPC	2016	7	3.15			
KPC	2016	8	3.15			
KPC	2016	9	3.15			
KPC	2016	10	3.15			
KPC	2016	11	3.15			
KPC	2016	12	3.15			
KPC	2003	1	3.2		4	
KPC	2003	2	3.2		5	
KPC	2003	3	3.2		5	
KPC	2003	4	3.2		5	
KPC	2003	5	3.2		5	
KPC	2003	6	3.2		5	
KPC	2003	7	3.2		5	
KPC	2003	8	3.2		5	
KPC	2003	9	3.2		5	
KPC	2003	10	3.2		5	
KPC	2003	11	3.2		5	
KPC	2003	12	3.2		5	

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2004	1	3.2	7		
KPC	2004	2	3.2	7		
KPC	2004	3	3.2	7		
KPC	2004	4	3.2	7		
KPC	2004	5	3.2	7		
KPC	2004	6	3.2	7		
KPC	2004	7	3.2	7		
KPC	2004	8	3.2	7		
KPC	2004	9	3.2	7		
KPC	2004	10	3.2	7		
KPC	2004	11	3.2	7		
KPC	2004	12	3.2	7		
KPC	2005	1	3.2	7		
KPC	2005	2	3.2	7		
KPC	2005	3	3.2	7		
KPC	2005	4	3.2	7		
KPC	2005	5	3.2	7		
KPC	2005	6	3.2	7		
KPC	2005	7	3.2	7		
KPC	2005	8	3.2	7		
KPC	2005	9	3.2	7		
KPC	2005	10	3.2	7		
KPC	2005	11	3.2	7		
KPC	2005	12	3.2	7		
KPC	2006	1	3.2	7		
KPC	2006	2	3.2	7		
KPC	2006	3	3.2	7		
KPC	2006	4	3.2	7		
KPC	2006	5	3.2	7		
KPC	2006	6	3.2	7		
KPC	2006	7	3.2	7		
KPC	2006	8	3.2	7		
KPC	2006	9	3.2	7		
KPC	2006	10	3.2	7		
KPC	2006	11	3.2	7		
KPC	2006	12	3.2	7		

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2007	1	3.2	7		
KPC	2007	2	3.2	7		
KPC	2007	3	3.2	7		
KPC	2007	4	3.2	7		
KPC	2007	5	3.2	7		
KPC	2007	6	3.2	7		
KPC	2007	7	3.2	7		
KPC	2007	8	3.2	7		
KPC	2007	9	3.2	7		
KPC	2007	10	3.2	7		
KPC	2007	11	3.2	7		
KPC	2007	12	3.2	7		
KPC	2008	1	3.2	7		
KPC	2008	2	3.2	7		
KPC	2008	3	3.2	7		
KPC	2008	4	3.2	7		
KPC	2008	5	3.2	7		
KPC	2008	6	3.2	7		
KPC	2008	7	3.2	8		
KPC	2008	8	3.2	8		
KPC	2008	9	3.2	8		
KPC	2008	10	3.2	8		
KPC	2008	11	3.2	8		
KPC	2008	12	3.2	8		
KPC	2009	1	3.2	8		
KPC	2009	2	3.2	8		
KPC	2009	3	3.2	8		
KPC	2009	4	3.2	8		
KPC	2009	5	3.2	8		
KPC	2009	6	3.2	8		
KPC	2009	7	3.2	8		
KPC	2009	8	3.2	8		
KPC	2009	9	3.2	8		
KPC	2009	10	3.2	8		
KPC	2009	11	3.2	8		
KPC	2009	12	3.2	8		

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2010	1	3.2	8		
KPC	2010	2	3.2	8		
KPC	2010	3	3.2	8		
KPC	2010	4	3.2	8		
KPC	2010	5	3.2	8		
KPC	2010	6	3.2	8		
KPC	2010	7	3.2	8		
KPC	2010	8	3.2	8		
KPC	2010	9	3.2	8		
KPC	2010	10	3.2	8		
KPC	2010	11	3.2	8		
KPC	2010	12	3.2	8		
KPC	2011	1	3.2	8		
KPC	2011	2	3.2	8		
KPC	2011	3	3.2	8		
KPC	2011	4	3.2	8		
KPC	2011	5	3.2	8		
KPC	2011	6	3.2	8		
KPC	2011	7	3.2	8		
KPC	2011	8	3.2	8		
KPC	2011	9	3.2	8		
KPC	2011	10	3.2	8		
KPC	2011	11	3.2	8		
KPC	2011	12	3.2	8		
KPC	2012	1	3.2	8		
KPC	2012	2	3.2	8		
KPC	2012	3	3.2	8		
KPC	2012	4	3.2	8		
KPC	2012	5	3.2	8		
KPC	2012	6	3.2	8		
KPC	2012	7	3.2	8		
KPC	2012	8	3.2	8		
KPC	2012	9	3.2	8		
KPC	2012	10	3.2	8		
KPC	2012	11	3.2	8		
KPC	2012	12	3.2	8		

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2013	1	3.2		8	
KPC	2013	2	3.2			
KPC	2013	3	3.2			
KPC	2013	4	3.2			
KPC	2013	5	3.2			
KPC	2013	6	3.2			
KPC	2013	7	3.2			
KPC	2013	8	3.2			
KPC	2013	9	3.2			
KPC	2013	10	3.2			
KPC	2013	11	3.2			
KPC	2013	12	3.2			
KPC	2014	1	3.2			
KPC	2014	2	3.2			
KPC	2014	3	3.2			
KPC	2014	4	3.2			
KPC	2014	5	3.2			
KPC	2014	6	3.2			
KPC	2014	7	3.2			
KPC	2014	8	3.2			
KPC	2014	9	3.2			
KPC	2014	10	3.2			
KPC	2014	11	3.2			
KPC	2014	12	3.2			
KPC	2015	1	3.2			
KPC	2015	2	3.2			
KPC	2015	3	3.2			
KPC	2015	4	3.2			
KPC	2015	5	3.2			
KPC	2015	6	3.2			
KPC	2015	7	3.2			
KPC	2015	8	3.2			
KPC	2015	9	3.2			
KPC	2015	10	3.2			
KPC	2015	11	3.2			
KPC	2015	12	3.2			

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2016	1	3.2			
KPC	2016	2	3.2			
KPC	2016	3	3.2			
KPC	2016	4	3.2			
KPC	2016	5	3.2			
KPC	2016	6	3.2			
KPC	2016	7	3.2			
KPC	2016	8	3.2			
KPC	2016	9	3.2			
KPC	2016	10	3.2			
KPC	2016	11	3.2			
KPC	2016	12	3.2			
KPC	2003	1	3.25		3	
KPC	2003	2	3.25		3	
KPC	2003	3	3.25		3	
KPC	2003	4	3.25		3	
KPC	2003	5	3.25		3	
KPC	2003	6	3.25		3	
KPC	2003	7	3.25		3	
KPC	2003	8	3.25		3	
KPC	2003	9	3.25		3	
KPC	2003	10	3.25		3	
KPC	2003	11	3.25		3	
KPC	2003	12	3.25		3	
KPC	2004	1	3.25		3	
KPC	2004	2	3.25		3	
KPC	2004	3	3.25		3	
KPC	2004	4	3.25		3	
KPC	2004	5	3.25		3	
KPC	2004	6	3.25		3	
KPC	2004	7	3.25		3	
KPC	2004	8	3.25		3	
KPC	2004	9	3.25		3	
KPC	2004	10	3.25		3	
KPC	2004	11	3.25		3	
KPC	2004	12	3.25		3	

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2005	1	3.25		3	
KPC	2005	2	3.25		3	
KPC	2005	3	3.25		3	
KPC	2005	4	3.25		3	
KPC	2005	5	3.25		3	
KPC	2005	6	3.25		3	
KPC	2005	7	3.25		3	
KPC	2005	8	3.25		3	
KPC	2005	9	3.25		3	
KPC	2005	10	3.25		3	
KPC	2005	11	3.25		3	
KPC	2005	12	3.25		3	
KPC	2006	1	3.25		3	
KPC	2006	2	3.25		3	
KPC	2006	3	3.25		3	
KPC	2006	4	3.25		3	
KPC	2006	5	3.25		3	
KPC	2006	6	3.25		3	
KPC	2006	7	3.25		3	
KPC	2006	8	3.25		3	
KPC	2006	9	3.25		3	
KPC	2006	10	3.25		3	
KPC	2006	11	3.25		3	
KPC	2006	12	3.25		3	
KPC	2007	1	3.25		3	
KPC	2007	2	3.25		3	
KPC	2007	3	3.25		3	
KPC	2007	4	3.25		3	
KPC	2007	5	3.25		3	
KPC	2007	6	3.25		3	
KPC	2007	7	3.25		3	
KPC	2007	8	3.25		3	
KPC	2007	9	3.25		3	
KPC	2007	10	3.25		3	
KPC	2007	11	3.25		3	
KPC	2007	12	3.25		3	

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2008	1	3.25		3	
KPC	2008	2	3.25		3	
KPC	2008	3	3.25		3	
KPC	2008	4	3.25		3	
KPC	2008	5	3.25		3	
KPC	2008	6	3.25		3	
KPC	2008	7	3.25		3	
KPC	2008	8	3.25		3	
KPC	2008	9	3.25		3	
KPC	2008	10	3.25		3	
KPC	2008	11	3.25		3	
KPC	2008	12	3.25		3	
KPC	2009	1	3.25		3	
KPC	2009	2	3.25		3	
KPC	2009	3	3.25		3	
KPC	2009	4	3.25		3	
KPC	2009	5	3.25		3	
KPC	2009	6	3.25		3	
KPC	2009	7	3.25		3	
KPC	2009	8	3.25		3	
KPC	2009	9	3.25		3	
KPC	2009	10	3.25		3	
KPC	2009	11	3.25		3	
KPC	2009	12	3.25		3	
KPC	2010	1	3.25		3	
KPC	2010	2	3.25		3	
KPC	2010	3	3.25		3	
KPC	2010	4	3.25		3	
KPC	2010	5	3.25		3	
KPC	2010	6	3.25		3	
KPC	2010	7	3.25		3	
KPC	2010	8	3.25		3	
KPC	2010	9	3.25		3	
KPC	2010	10	3.25		3	
KPC	2010	11	3.25		3	
KPC	2010	12	3.25		3	

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2011	1	3.25		3	
KPC	2011	2	3.25		3	
KPC	2011	3	3.25		3	
KPC	2011	4	3.25		3	
KPC	2011	5	3.25		3	
KPC	2011	6	3.25		3	
KPC	2011	7	3.25		3	
KPC	2011	8	3.25		3	
KPC	2011	9	3.25		3	
KPC	2011	10	3.25		3	
KPC	2011	11	3.25		3	
KPC	2011	12	3.25		3	
KPC	2012	1	3.25		3	
KPC	2012	2	3.25		3	
KPC	2012	3	3.25		3	
KPC	2012	4	3.25		3	
KPC	2012	5	3.25		3	
KPC	2012	6	3.25		3	
KPC	2012	7	3.25		3	
KPC	2012	8	3.25		3	
KPC	2012	9	3.25		3	
KPC	2012	10	3.25		3	
KPC	2012	11	3.25		3	
KPC	2012	12	3.25		3	
KPC	2013	1	3.25		3	
KPC	2013	2	3.25			
KPC	2013	3	3.25			
KPC	2013	4	3.25			
KPC	2013	5	3.25			
KPC	2013	6	3.25			
KPC	2013	7	3.25			
KPC	2013	8	3.25			
KPC	2013	9	3.25			
KPC	2013	10	3.25			
KPC	2013	11	3.25			
KPC	2013	12	3.25			

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2014	1	3.25			
KPC	2014	2	3.25			
KPC	2014	3	3.25			
KPC	2014	4	3.25			
KPC	2014	5	3.25			
KPC	2014	6	3.25			
KPC	2014	7	3.25			
KPC	2014	8	3.25			
KPC	2014	9	3.25			
KPC	2014	10	3.25			
KPC	2014	11	3.25			
KPC	2014	12	3.25			
KPC	2015	1	3.25			
KPC	2015	2	3.25			
KPC	2015	3	3.25			
KPC	2015	4	3.25			
KPC	2015	5	3.25			
KPC	2015	6	3.25			
KPC	2015	7	3.25			
KPC	2015	8	3.25			
KPC	2015	9	3.25			
KPC	2015	10	3.25			
KPC	2015	11	3.25			
KPC	2015	12	3.25			
KPC	2016	1	3.25			
KPC	2016	2	3.25			
KPC	2016	3	3.25			
KPC	2016	4	3.25			
KPC	2016	5	3.25			
KPC	2016	6	3.25			
KPC	2016	7	3.25			
KPC	2016	8	3.25			
KPC	2016	9	3.25			
KPC	2016	10	3.25			
KPC	2016	11	3.25			
KPC	2016	12	3.25			

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2003	1	4	451		
KPC	2003	2	4	454	439.6858	461.9111
KPC	2003	3	4	455	442.5064	462.0317
KPC	2003	4	4	447	443.782	462.4343
KPC	2003	5	4	447	441.8046	460.078
KPC	2003	6	4	446	440.5392	458.6281
KPC	2003	7	4	446	439.3857	457.38
KPC	2003	8	4	447	438.5629	456.5071
KPC	2003	9	4	445	438.239	456.1352
KPC	2003	10	4	445	436.8702	454.7642
KPC	2003	11	4	445	435.7595	453.6185
KPC	2003	12	4	444	436.4148	454.2115
KPC	2004	1	4	443	436.4154	454.1414
KPC	2004	2	4	442	436.1667	453.8265
KPC	2004	3	4	441	435.5733	453.1773
KPC	2004	4	4	439	434.589	452.1489
KPC	2004	5	4	439	433.6153	451.1623
KPC	2004	6	4	439	432.6285	450.1688
KPC	2004	7	4	442	431.6702	449.2039
KPC	2004	8	4	444	431.927	449.4519
KPC	2004	9	4	444	432.7933	450.3064
KPC	2004	10	4	444	433.6198	451.1184
KPC	2004	11	4	444	434.3537	451.836
KPC	2004	12	4	442	435.1192	452.5846
KPC	2005	1	4	445	435.104	452.5558
KPC	2005	2	4	441	435.6212	453.0629
KPC	2005	3	4	445	434.4339	451.8679
KPC	2005	4	4	451	434.1036	451.5311
KPC	2005	5	4	443	435.3475	452.7689
KPC	2005	6	4	444	434.6573	452.0726
KPC	2005	7	4	445	434.4644	451.8733
KPC	2005	8	4	385	374.9885	392.3906
KPC	2005	9	4	381	374.9097	392.3051
KPC	2005	10	4	381	374.7415	392.1307
KPC	2005	11	4	386	373.7121	391.0955
KPC	2005	12	4	382	372.9045	390.2829

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2006	1	4	380	372.9828	390.3567
KPC	2006	2	4	381	372.3117	389.6815
KPC	2006	3	4	383	371.7954	389.1612
KPC	2006	4	4	381	371.918	389.28
KPC	2006	5	4	379	372.2593	389.6174
KPC	2006	6	4	380	372.0659	389.4203
KPC	2006	7	4	381	371.0849	388.4358
KPC	2006	8	4	381	371.0826	388.4302
KPC	2006	9	4	379	371.4439	388.7883
KPC	2006	10	4	379	371.0059	388.3473
KPC	2006	11	4	380	370.2227	387.5613
KPC	2006	12	4	380	370.1898	387.5258
KPC	2007	1	4	378	370.5727	387.9062
KPC	2007	2	4	376	370.2375	387.5686
KPC	2007	3	4	376	369.1974	386.5261
KPC	2007	4	4	374	368.3757	385.7021
KPC	2007	5	4	374	367.7077	385.0319
KPC	2007	6	4	373	367.1056	384.4278
KPC	2007	7	4	372	366.1058	383.426
KPC	2007	8	4	365	365.0961	382.4144
KPC	2007	9	4	388	363.2135	380.53
KPC	2007	10	4	377	366.9441	384.2589
KPC	2007	11	4	374	367.3598	384.673
KPC	2007	12	4	373	367.2541	384.5657
KPC	2008	1	4	380	366.8429	384.1529
KPC	2008	2	4	379	368.0832	385.3917
KPC	2008	3	4	376	368.8522	386.1593
KPC	2008	4	4	383	369.8665	387.1723
KPC	2008	5	4	374	367.8266	385.131
KPC	2008	6	4	373	366.8598	384.1629
KPC	2008	7	4	386	366.4781	383.78
KPC	2008	8	4	380	369.0964	386.3971
KPC	2008	9	4	376	368.602	385.9016
KPC	2008	10	4	379	367.7512	385.0498
KPC	2008	11	4	373	368.3714	385.669
KPC	2008	12	4	384	366.5474	383.8439

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2009	1	4	375	368.6481	385.9436
KPC	2009	2	4	376	368.4099	385.7044
KPC	2009	3	4	380	366.102	383.3957
KPC	2009	4	4	373	366.6226	383.9155
KPC	2009	5	4	372	366.1646	383.4566
KPC	2009	6	4	373	364.9205	382.2117
KPC	2009	7	4	370	365.3015	382.5919
KPC	2009	8	4	369	362.7354	380.0251
KPC	2009	9	4	379	362.4277	379.7167
KPC	2009	10	4	375	364.0801	381.3683
KPC	2009	11	4	366	363.4444	380.7319
KPC	2009	12	4	366	362.3535	379.6404
KPC	2010	1	4	362	361.5859	378.8722
KPC	2010	2	4	367	359.7456	377.0313
KPC	2010	3	4	363	359.933	377.2181
KPC	2010	4	4	369	358.967	376.2515
KPC	2010	5	4	372	357.6706	374.9545
KPC	2010	6	4	388	358.2606	375.544
KPC	2010	7	4	406	400.6737	417.9566
KPC	2010	8	4	412	400.6482	417.9306
KPC	2010	9	4	411	402.4543	419.7362
KPC	2010	10	4	414	402.482	419.7635
KPC	2010	11	4	417	403.8647	421.1457
KPC	2010	12	4	410	404.3759	421.6565
KPC	2011	1	4	407	402.5607	419.8408
KPC	2011	2	4	402	397.8082	415.0879
KPC	2011	3	4	411	397.2503	414.5297
KPC	2011	4	4	434	422.0974	439.3764
KPC	2011	5	4	413	398.1496	415.4282
KPC	2011	6	4	412	398.7515	416.0297
KPC	2011	7	4	411	398.7359	416.0138
KPC	2011	8	4	407	399.8224	417.1
KPC	2011	9	4	407	400.0501	417.3273
KPC	2011	10	4	420	400.2738	417.5507
KPC	2011	11	4	407	401.5116	418.7882
KPC	2011	12	4	405	400.087	417.3633

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2012	1	4	405	398.0266	415.3026
KPC	2012	2	4	404	396.6751	413.9509
KPC	2012	3	4	404	395.5675	412.8429
KPC	2012	4	4	402	395.5774	412.8526
KPC	2012	5	4	401	395.2062	412.4812
KPC	2012	6	4	401	392.4766	409.7514
KPC	2012	7	4	399	392.7975	410.072
KPC	2012	8	4	399	392.7332	410.0075
KPC	2012	9	4	398	392.3238	409.5978
KPC	2012	10	4	399	391.7294	409.0032
KPC	2012	11	4	399	391.2756	408.5492
KPC	2012	12	4	395	391.2669	408.5404
KPC	2013	1	4	393	390.5328	407.8061
KPC	2013	2	4	397.6945	389.061	406.328
KPC	2013	3	4	397.9143	389.095	406.7336
KPC	2013	4	4	398.1233	389.1221	407.1245
KPC	2013	5	4	398.4355	389.256	407.6151
KPC	2013	6	4	398.4703	389.1159	407.8248
KPC	2013	7	4	398.4262	388.9001	407.9524
KPC	2013	8	4	399.0779	389.383	408.7728
KPC	2013	9	4	399.9508	390.0901	409.8115
KPC	2013	10	4	399.7493	389.8842	409.6144
KPC	2013	11	4	399.5477	389.6782	409.4173
KPC	2013	12	4	399.3462	389.4722	409.2202
KPC	2014	1	4	399.1447	389.2662	409.0231
KPC	2014	2	4	398.9431	389.0603	408.826
KPC	2014	3	4	398.7416	388.8543	408.6289
KPC	2014	4	4	398.5401	388.6483	408.4318
KPC	2014	5	4	398.3385	388.4424	408.2346
KPC	2014	6	4	398.137	388.2364	408.0375
KPC	2014	7	4	397.9354	388.0305	407.8404
KPC	2014	8	4	397.7339	387.8245	407.6433
KPC	2014	9	4	397.5324	387.6186	407.4462
KPC	2014	10	4	397.3308	387.4126	407.2491
KPC	2014	11	4	397.1293	387.2066	407.0519
KPC	2014	12	4	396.9278	387.0007	406.8548

Kentucky Power Company
Customer Models Output

JURIS	YEAR	MONTH	revcls	CUST	L95	U95
KPC	2015	1	4	396.7262	386.7947	406.6577
KPC	2015	2	4	396.5247	386.5888	406.4606
KPC	2015	3	4	396.3231	386.3829	406.2634
KPC	2015	4	4	396.1216	386.1769	406.0663
KPC	2015	5	4	395.9201	385.971	405.8692
KPC	2015	6	4	395.7185	385.765	405.672
KPC	2015	7	4	395.517	385.5591	405.4749
KPC	2015	8	4	395.3155	385.3532	405.2777
KPC	2015	9	4	395.1139	385.1472	405.0806
KPC	2015	10	4	394.9124	384.9413	404.8835
KPC	2015	11	4	394.7108	384.7354	404.6863
KPC	2015	12	4	394.5093	384.5295	404.4892
KPC	2016	1	4	394.3078	384.3235	404.292
KPC	2016	2	4			
KPC	2016	3	4			
KPC	2016	4	4			
KPC	2016	5	4			
KPC	2016	6	4			
KPC	2016	7	4			
KPC	2016	8	4			
KPC	2016	9	4			
KPC	2016	10	4			
KPC	2016	11	4			
KPC	2016	12	4			

SHORT-TERM USAGE

Kentucky Power Company
Usage Models

Revcls-Revenue Class

1-Residential

2-Commercial

3.1 Small Industrial

3.15 Small Mine Power

3.2 Large Industrial

3.25 Large Mine Power

3.4 Other Retail

bcdd65-Cooling degree days base 65

bcdd70-Cooling degree days base 70

bhdd65-Heating degree days base 65

bhdd55-Heating degree days base 55

kwh-energy in kWh

cust-customers

met_day-number of billing days

usage-energy per customer

ind1, ind2, ind3, ind4, ind5, ind6, ind7, min1, min2, min3, min4, or1, or2, or3, or4, or5, or6,or7,or8, or9

Binary Variables

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
1	2003	1	1/1/2003	0	0	867.3648	567.1055	317974814	9942017.35	144903	32.84596401	2194.398	0	0	0	0
1	2003	2	2/1/2003	0	0	1095.889	792.3245	303891287	10587612.66	144848	29.33549383	2098.001	0	0	0	0
1	2003	3	3/1/2003	0	0	825.3776	534.6742	247145408	9003102.706	144700	29.00966748	1707.985	0	0	0	0
1	2003	4	4/1/2003	15.44658	0	358.0203	141.3428	165156605	6484242.365	144415	30.00324122	1143.625	0	0	0	0
1	2003	5	5/1/2003	38.48555	3.174403	162.2545	30.5659	134833653	5430481.687	144250	29.61369069	934.722	0	0	0	0
1	2003	6	6/1/2003	52.32856	12.53398	70.81865	0	136672961	5753002.267	144177	30.44754282	947.9526	0	0	0	0
1	2003	7	7/1/2003	220.2774	93.82489	9.425032	0	174656806	7225846.692	144130	30.29390599	1211.8	0	0	0	0
1	2003	8	8/1/2003	262.7882	116.733	0	0	179477557	7441309.106	144290	28.83001091	1243.867	0	0	0	0
1	2003	9	9/1/2003	251.0724	121.5436	2.454435	0	182092508	7433203.896	144411	30.31452546	1260.932	0	0	0	0
1	2003	10	10/1/2003	36.62018	4.221629	150.2769	35.6384	139652072	6014857.758	144406	29.51032338	967.0794	0	0	0	0
1	2003	11	11/1/2003	8.639613	0	291.8487	98.63558	153204130	6664393.23	144466	29.06951233	1060.486	0	0	0	0
1	2003	12	12/1/2003	0.981774	0	622.3139	345.9772	250249296	10056538.39	144850	31.97092721	1727.644	0	0	0	0
1	2004	1	1/1/2004	0.785419	0	852.2127	558.7277	323405247	12463808.39	145096	32.89804073	2228.905	0	0	0	0
1	2004	2	2/1/2004	0.261806	0	1020.325	719.7714	306534511	11084256.02	144846	29.35661581	2116.279	0	0	0	0
1	2004	3	3/1/2004	2.356258	0	711.1645	418.0067	230689060	8726499.515	144789	28.95241592	1593.278	0	0	0	0
1	2004	4	4/1/2004	13.0576	1.472661	457.2122	231.0442	186972649	7550823.493	144670	30.22186637	1292.408	0	0	0	0
1	2004	5	5/1/2004	72.52039	21.69721	175.1158	57.13926	145834203	6323663.446	144359	29.32977886	1010.219	0	0	0	0
1	2004	6	6/1/2004	198.9729	81.61816	14.66116	3.959823	166285828	7071331.424	144117	30.82057616	1153.825	0	0	0	0
1	2004	7	7/1/2004	254.3122	126.3216	1.570839	0	185832801	7844592.738	144037	30.37168349	1290.174	0	0	0	0
1	2004	8	8/1/2004	251.0069	118.5001	3.239855	0	174015911	7229706.107	144066	29.01265351	1207.89	0	0	0	0
1	2004	9	9/1/2004	220.081	94.25032	5.203403	0	167248905	6878987.488	144081	29.75675756	1160.798	0	0	0	0
1	2004	10	10/1/2004	65.41889	12.07582	101.4827	9.686839	140883439	5895693.472	144159	29.57961326	977.2781	0	0	0	0
1	2004	11	11/1/2004	13.0576	2.65079	245.509	62.44084	144491070	6291362.802	144360	29.03878993	1000.908	0	0	0	0
1	2004	12	12/1/2004	1.898097	0.294532	565.0765	288.0198	236744606	9399122.033	144623	32.42669171	1636.978	0	0	0	0
1	2005	1	1/1/2005	0	0	772.4272	487.8436	299953570	11374959.81	144900	32.73432321	2070.073	0	0	0	0
1	2005	2	2/1/2005	0	0	876.8225	585.5629	281531638	8227026.751	144415	29.31826873	1949.463	0	0	0	0
1	2005	3	3/1/2005	0	0	804.0894	499.7394	257382650	9452703.399	145259	29.22834795	1771.888	0	0	0	0
1	2005	4	4/1/2005	5.857919	0	468.8135	232.2714	189736039	7712323.145	144955	30.30200473	1308.931	0	0	0	0
1	2005	5	5/1/2005	21.56631	3.976185	237.5566	67.10427	147381044	6277171.906	144302	29.16793586	1021.338	0	0	0	0
1	2005	6	6/1/2005	125.8798	62.47356	74.28758	9.146863	154335002	6437351.463	144342	30.50766415	1069.231	0	0	0	0
1	2005	7	7/1/2005	358.4458	215.1395	0.245444	0	192363533	7583291.28	144274	30.09963326	1333.321	0	0	0	0
1	2005	8	8/1/2005	457.3104	305.299	0	0	210588923	8319893.946	144231	29.48987458	1460.081	0	0	0	0
1	2005	9	9/1/2005	344.6682	195.2422	0	0	192648657	7811027.347	144191	30.14650088	1336.066	0	0	0	0
1	2005	10	10/1/2005	158.7365	59.97004	46.51973	5.710653	149089654	6258335.686	144223	29.16350893	1033.744	0	0	0	0
1	2005	11	11/1/2005	9.997734	1.40721	353.8151	143.9445	161768957	6589210.137	144419	29.40777441	1120.136	0	0	0	0
1	2005	12	12/1/2005	1.472661	0	765.0312	488.5472	274881432	10571678.48	144641	31.82538972	1900.439	0	0	0	0
1	2006	1	1/1/2006	0	0	791.3591	487.7781	319744588	12247986.31	144830	32.99815288	2207.723	0	0	0	0
1	2006	2	2/1/2006	0	0	715.4352	415.045	260853006	9850022.949	144530	29.45074323	1804.836	0	0	0	0
1	2006	3	3/1/2006	1.374484	0	758.1588	469.9099	235911134	8446655.256	145013	28.6445947	1626.827	0	0	0	0
1	2006	4	4/1/2006	16.55926	3.321669	469.2881	244.1672	182494802	8119854.987	144560	28.66317326	1262.416	0	0	0	0
1	2006	5	5/1/2006	27.8333	5.154315	142.57	19.9791	135624820	6919376.381	144258	29.8210774	940.1546	0	0	0	0
1	2006	6	6/1/2006	105.3116	39.92548	86.5434	3.861645	152446976	7875527.065	144120	30.45924689	1057.778	0	0	0	0
1	2006	7	7/1/2006	260.1865	129.1197	2.945323	0	183213868	9440173.137	144118	30.19506356	1271.277	0	0	0	0
1	2006	8	8/1/2006	410.1525	260.3829	0	0	205434190	10213315.5	144248	28.97764523	1424.174	0	0	0	0
1	2006	9	9/1/2006	260.7756	142.7336	11.27404	0.916323	181069405	8957108.54	144269	30.28493272	1255.082	0	0	0	0
1	2006	10	10/1/2006	36.76744	3.927097	154.5313	37.9783	140162261	7290587.94	144313	29.72338141	971.2379	0	0	0	0
1	2006	11	11/1/2006	2.53625	0.523613	459.683	209.2161	178092081	8857657.57	144545	28.98546665	1232.087	0	0	0	0
1	2006	12	12/1/2006	2.65079	0	611.3508	329.9252	256580129	12519093.29	144554	31.71849607	1774.978	0	0	0	0
1	2007	1	1/1/2007	0.294532	0	651.1454	354.0605	274338529	13070037.58	144815	32.74613048	1894.407	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
1	2007	2	2/1/2007	0	0	1012.144	712.2772	320776996	15073417.04	144843	29.15659043	2214.653	0	0	0	0
1	2007	3	3/1/2007	2.258081	0.081815	890.191	601.1894	266712570	12759028.75	144494	28.98987993	1845.838	0	0	0	0
1	2007	4	4/1/2007	29.4205	2.994411	392.9551	207.8252	183237506	9031723.24	144179	30.59399027	1270.903	0	0	0	0
1	2007	5	5/1/2007	51.0359	8.361444	211.4251	78.36194	150328245	7527726.13	143841	29.71183456	1045.1	0	0	0	0
1	2007	6	6/1/2007	180.4337	70.42594	40.92362	3.223492	164716815	8426572.43	143743	30.18442343	1145.912	0	0	0	0
1	2007	7	7/1/2007	293.4687	147.6588	0	0	182650851	8211851.27	143666	29.65501117	1271.358	0	0	0	0
1	2007	8	8/1/2007	344.0464	199.6438	0	0	193551643	9791279.12	143970	29.23693605	1344.389	0	0	0	0
1	2007	9	9/1/2007	379.4557	237.2457	5.727016	0	208339009	10278366.28	144118	30.11877711	1445.614	0	0	0	0
1	2007	10	10/1/2007	176.3103	86.52703	48.31965	6.59425	153992990	7910640.36	144087	29.36019699	1068.75	0	0	0	0
1	2007	11	11/1/2007	29.89502	11.91219	332.0851	128.7597	164410421	8204945	144181	29.79921161	1140.306	0	0	0	0
1	2007	12	12/1/2007	0	0	649.7709	366.3981	244300628	13115276.46	144542	31.9804611	1690.171	0	0	0	0
1	2008	1	1/1/2008	0	0	790.5409	497.9886	306292174	14280146.87	144825	32.80213385	2114.912	0	0	0	0
1	2008	2	2/1/2008	0	0	901.6778	607.8164	290336604	13647323.73	144690	29.24555342	2006.611	0	0	0	0
1	2008	3	3/1/2008	0	0	816.0671	519.7349	260588218	12661940.41	144365	29.09201907	1805.065	0	0	0	0
1	2008	4	4/1/2008	1.439935	0.065452	494.8633	234.235	193113713	9650414.09	143988	30.45361505	1341.179	0	0	0	0
1	2008	5	5/1/2008	18.76825	2.225355	219.9992	52.01767	138227698	7160672.97	143799	29.05732311	961.2563	0	0	0	0
1	2008	6	6/1/2008	111.5786	54.12848	97.01565	3.567113	153190973	8097447.96	143710	30.47883875	1065.973	0	0	0	0
1	2008	7	7/1/2008	232.4187	105.9825	0.867234	0	179046914	9598838.84	143789	30.12991833	1245.206	0	0	0	0
1	2008	8	8/1/2008	281.3765	136.5812	0	0	187289067	9767281.01	143832	29.61115826	1302.138	0	0	0	0
1	2008	9	9/1/2008	261.0538	123.0818	0	0	178072518	8875381.65	143855	30.11182506	1237.861	0	0	0	0
1	2008	10	10/1/2008	101.63	32.85671	62.24448	8.639613	142862349	7636839.8	143884	29.35763942	992.8995	0	0	0	0
1	2008	11	11/1/2008	6.561524	0.310895	409.3998	169.487	173640248	8900722.7	144121	29.118389	1204.823	0	0	0	0
1	2008	12	12/1/2008	0	0	851.82	551.3808	289528839	14083500.39	144407	31.77330468	2004.95	0	0	0	0
1	2009	1	1/1/2009	0	0	901.4978	601.5658	324261144	15223896.75	144472	33.23947452	2244.457	0	0	0	0
1	2009	2	2/1/2009	0	0	1032.336	731.2745	321754903	15929690.34	144302	29.85635935	2229.733	0	0	0	0
1	2009	3	3/1/2009	4.156177	0	746.6884	472.1025	245050894	12055138.25	144126	28.64818959	1700.255	0	0	0	0
1	2009	4	4/1/2009	3.15804	0.229081	453.9888	182.25	182459913	9253078.69	143754	30.06250642	1269.251	0	0	0	0
1	2009	5	5/1/2009	60.51002	18.44099	207.7761	47.1088	144361276	7579605.36	143405	29.84351915	1006.668	0	0	0	0
1	2009	6	6/1/2009	121.7564	39.35278	57.48288	4.56525	151245639	8113762.23	143404	30.39816876	1054.682	0	0	0	0
1	2009	7	7/1/2009	209.9851	83.20536	2.781694	0	173833571	9522229.28	143215	30.15359923	1213.794	0	0	0	0
1	2009	8	8/1/2009	216.563	84.56348	1.40721	0	170185790	8958405.42	143272	29.36578457	1187.851	0	0	0	0
1	2009	9	9/1/2009	207.0889	83.12355	1.276306	0	169252468	8623503.49	143258	29.8130631	1181.452	0	0	0	0
1	2009	10	10/1/2009	73.97669	16.73925	157.722	32.97125	143868781	7542442.16	143276	29.76684767	1004.137	0	0	0	0
1	2009	11	11/1/2009	3.0435	0	399.5166	131.2959	164823717	8479017.63	143420	29.19163065	1149.238	0	0	0	0
1	2009	12	12/1/2009	0.196355	0	640.3131	344.6518	237454965	11568104.36	143633	32.20120833	1653.206	0	0	0	0
1	2010	1	1/1/2010	0	0	1014.713	710.3954	350664153	17078530	143805	33.09663881	2438.47	0	0	0	0
1	2010	2	2/1/2010	0	0	1014.811	710.4609	305077067	15860866.75	143788	29.05592538	2121.714	0	0	0	0
1	2010	3	3/1/2010	0	0	883.6622	582.1266	279422042	13724272.88	143618	29.33852621	1945.592	0	0	0	0
1	2010	4	4/1/2010	24.26619	7.330581	368.2308	135.6485	174456108	8862569.91	143153	30.33392615	1218.669	0	0	0	0
1	2010	5	5/1/2010	38.1092	7.1015	165.1671	35.24569	135005262	7219791.46	142803	29.27630776	945.3951	0	0	0	0
1	2010	6	6/1/2010	185.6862	77.88742	26.377	5.710653	166198346	8995807.96	142743	30.39923772	1164.319	0	0	0	0
1	2010	7	7/1/2010	334.1959	189.8097	0	0	203979408	12937402.46	142667	30.31019925	1429.759	0	0	0	0
1	2010	8	8/1/2010	389.928	238.6529	0	0	212550131	14773421.56	142742	29.53985175	1489.051	0	0	0	0
1	2010	9	9/1/2010	275.6167	143.4372	3.0435	0	183616419	12279343.5	142470	29.87726498	1288.808	0	0	0	0
1	2010	10	10/1/2010	103.4954	42.87081	99.27373	11.24131	143598954	10048106.69	142457	29.76245364	1008.016	0	0	0	0
1	2010	11	11/1/2010	9.981371	0	339.3666	119.9237	154297601	10556161.74	142699	28.9916097	1081.28	0	0	0	0
1	2010	12	12/1/2010	0	0	783.9467	488.1054	273160433	18229282.43	142708	32.5628916	1914.121	0	0	0	0
1	2011	1	1/1/2011	0	0	1080.835	776.4852	369872756	24241947.52	143185	32.75671127	2583.181	0	0	0	0
1	2011	2	2/1/2011	0	0	1011.227	708.5792	289653721	18920117.87	142735	29.04620473	2029.311	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
1	2011	3	3/1/2011	1.587202	0.196355	656.5942	368.1817	213925306	13833504.42	142867	29.15578896	1497.374	0	0	0	0
1	2011	4	4/1/2011	15.29931	1.685379	465.8191	236.6403	175913849	12262093.67	142173	29.44909293	1237.322	0	0	0	0
1	2011	5	5/1/2011	45.94703	8.917782	194.4895	45.88158	136610903	9861836.12	141679	30.51698648	964.2283	0	0	0	0
1	2011	6	6/1/2011	172.0559	74.66393	67.67697	14.7757	161213402	11792676.66	141463	30.22216448	1139.615	0	0	0	0
1	2011	7	7/1/2011	268.7607	134.9449	1.734468	0	180048512	12618862.02	141398	30.26366652	1273.346	0	0	0	0
1	2011	8	8/1/2011	397.7658	245.7217	0	0	204783417	13939768.65	141531	29.5314933	1446.916	0	0	0	0
1	2011	9	9/1/2011	237.8512	114.6549	14.9066	0.163629	168880851	11313393.65	141286	29.96609082	1195.312	0	0	0	0
1	2011	10	10/1/2011	42.41265	14.80843	132.8995	28.81507	130272550	8946867.71	141180	29.68915456	922.7408	0	0	0	0
1	2011	11	11/1/2011	0.981774	0	381.8447	144.1899	158479656	10685731.67	141320	29.19367195	1121.424	0	0	0	0
1	2011	12	12/1/2011	1.472661	0	542.3321	263.2791	219324970	14364709.65	141500	32.12227383	1550	0	0	0	0
1	2012	1	1/1/2012	0	0	754.8535	454.2342	274134546	17786270.82	141565	32.51992766	1936.457	0	0	0	0
1	2012	2	2/1/2012	0	0	775.5198	472.9043	243903743	15829309.26	141707	29.75177184	1721.183	0	0	0	0
1	2012	3	3/1/2012	8.786879	1.489024	608.3891	339.4975	199200791	12755339.41	141335	29.03724498	1409.423	0	0	0	0
1	2012	4	4/1/2012	36.62018	6.430621	238.293	71.4568	137671421	1384414.96	140895	29.94899584	977.1207	0	0	0	0
1	2012	5	5/1/2012	53.24489	11.33949	203.9309	48.48328	136654009	9052187.2	140790	29.79845302	970.623	0	0	0	0
1	2012	6	6/1/2012	157.4929	63.84805	25.82066	0.245444	153985572	10216254.85	140611	30.55756501	1095.118	0	0	0	0
1	2012	7	7/1/2012	352.5715	214.2395	1.685379	0	193338001	11889866.12	140697	30.65006039	1374.144	0	0	0	0
1	2012	8	8/1/2012	346.8445	199.562	0	0	187003020	12064375.53	140645	28.97089648	1329.61	0	0	0	0
1	2012	9	9/1/2012	244.5109	119.6292	6.676065	0.589065	168666746	11195275.21	140641	30.45333813	1199.272	0	0	0	0
1	2012	10	10/1/2012	58.841	17.31195	161.9109	39.15643	132251695	8921207.95	140571	29.37691756	940.8178	0	0	0	0
1	2012	11	11/1/2012	7.559661	0	441.7984	203.44	166572182	10631341.71	140781	29.35229629	1183.201	0	0	0	0
1	2012	12	12/1/2012	0	0	624.7193	332.1342	233547737	14456460.54	140909	31.91666149	1657.437	0	0	0	0
1	2013	1	1/1/2013	0	0	806.0203	510.3262	280699997	17136405.94	141093	32.66810665	1989.468	0	0	0	0
1	2013	2	2/1/2013	0	0	890.0601	598.3259	266429823	16538356.28	140913	29.11690535	1890.74	0	0	0	0
1	2013	3	3/1/2013	1.736649	0.207263	739.5956	451.494				29.00966748		0	0	0	0
1	2013	4	4/1/2013	14.05846	2.888598	462.45	221.7479				30.00324122		0	0	0	0
1	2013	5	5/1/2013	44.24747	11.52276	211.6018	56.73237				29.61369069		0	0	0	0
1	2013	6	6/1/2013	136.0205	56.04076	64.53856	6.419712				30.44754282		0	0	0	0
1	2013	7	7/1/2013	288.0869	152.8137	3.958186	0.032726				30.21227412		0	0	0	0
1	2013	8	8/1/2013	340.3806	194.3177	0.461434	0				29.25663046		0	0	0	0
1	2013	9	9/1/2013	265.2918	135.979	7.725472	0.193082				30.08430758		0	0	0	0
1	2013	10	10/1/2013	85.86815	32.25074	123.175	23.35695				29.52900368		0	0	0	0
1	2013	11	11/1/2013	11.3144	2.035	369.0178	143.6837				29.21483525		0	0	0	0
1	2013	12	12/1/2013	1.372302	0.172356	657.5034	372.9727				32.04983057		0	0	0	0
1	2014	1	1/1/2014	0.271624	0	875.3608	578.5655				32.84596401		0	0	0	0
1	2014	2	2/1/2014	0.045816	0	916.1519	617.824				29.33549383		0	0	0	0
1	2014	3	3/1/2014	1.736649	0.207263	739.5956	451.494				29.00966748		0	0	0	0
1	2014	4	4/1/2014	14.05846	2.888598	462.45	221.7479				30.00324122		0	0	0	0
1	2014	5	5/1/2014	44.24747	11.52276	211.6018	56.73237				29.61369069		0	0	0	0
1	2014	6	6/1/2014	136.0205	56.04076	64.53856	6.419712				30.44754282		0	0	0	0
1	2014	7	7/1/2014	288.0869	152.8137	3.958186	0.032726				30.21227412		0	0	0	0
1	2014	8	8/1/2014	340.3806	194.3177	0.461434	0				29.25663046		0	0	0	0
1	2014	9	9/1/2014	265.2918	135.979	7.725472	0.193082				30.08430758		0	0	0	0
1	2014	10	10/1/2014	85.86815	32.25074	123.175	23.35695				29.52900368		0	0	0	0
1	2014	11	11/1/2014	11.3144	2.035	369.0178	143.6837				29.21483525		0	0	0	0
1	2014	12	12/1/2014	1.372302	0.172356	657.5034	372.9727				32.04983057		0	0	0	0
1	2015	1	1/1/2015	0.271624	0	875.3608	578.5655				32.84596401		0	0	0	0
1	2015	2	2/1/2015	0.045816	0	916.1519	617.824				29.33549383		0	0	0	0
1	2015	3	3/1/2015	1.736649	0.207263	739.5956	451.494				29.00966748		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
1	2015	4	4/1/2015	14.05846	2.888598	462.45	221.7479				30.00324122		0	0	0	0
1	2015	5	5/1/2015	44.24747	11.52276	211.6018	56.73237				29.61369069		0	0	0	0
1	2015	6	6/1/2015	136.0205	56.04076	64.53856	6.419712				30.44754282		0	0	0	0
1	2015	7	7/1/2015	288.0869	152.8137	3.958186	0.032726				30.21227412		0	0	0	0
1	2015	8	8/1/2015	340.3806	194.3177	0.461434	0				29.25663046		0	0	0	0
1	2015	9	9/1/2015	265.2918	135.979	7.725472	0.193082				30.08430758		0	0	0	0
1	2015	10	10/1/2015	85.86815	32.25074	123.175	23.35695				29.52900368		0	0	0	0
1	2015	11	11/1/2015	11.3144	2.035	369.0178	143.6837				29.21483525		0	0	0	0
1	2015	12	12/1/2015	1.372302	0.172356	657.5034	372.9727				32.04983057		0	0	0	0
1	2016	1	1/1/2016	0.271624	0	875.3608	578.5655				32.84596401		0	0	0	0
1	2016	2	2/1/2016	0.045816	0	916.1519	617.824				29.33549383		0	0	0	0
1	2016	3	3/1/2016	1.736649	0.207263	739.5956	451.494				29.00966748		0	0	0	0
1	2016	4	4/1/2016	14.05846	2.888598	462.45	221.7479				30.00324122		0	0	0	0
1	2016	5	5/1/2016	44.24747	11.52276	211.6018	56.73237				29.61369069		0	0	0	0
1	2016	6	6/1/2016	136.0205	56.04076	64.53856	6.419712				30.44754282		0	0	0	0
1	2016	7	7/1/2016	288.0869	152.8137	3.958186	0.032726				30.21227412		0	0	0	0
1	2016	8	8/1/2016	340.3806	194.3177	0.461434	0				29.25663046		0	0	0	0
1	2016	9	9/1/2016	265.2918	135.979	7.725472	0.193082				30.08430758		0	0	0	0
1	2016	10	10/1/2016	85.86815	32.25074	123.175	23.35695				29.52900368		0	0	0	0
1	2016	11	11/1/2016	11.3144	2.035	369.0178	143.6837				29.21483525		0	0	0	0
1	2016	12	12/1/2016	1.372302	0.172356	657.5034	372.9727				32.04983057		0	0	0	0
2	2003	1	1/1/2003	0	0	867.3648	567.1055	126690479	4301885.9	26893	32.94335513	4710.909	0	0	0	0
2	2003	2	2/1/2003	0	0	1095.889	792.3245	122779645	4659106.38	26858	29.55476412	4571.437	0	0	0	0
2	2003	3	3/1/2003	0	0	825.3776	534.6742	110450623	4380961.099	26904	29.21281905	4105.361	0	0	0	0
2	2003	4	4/1/2003	15.44658	0	358.0203	141.3428	98087839	4006060.512	26912	30.20947597	3644.762	0	0	0	0
2	2003	5	5/1/2003	38.48555	3.174403	162.2545	30.5659	98693053	3904037.8	26961	29.79997502	3660.586	0	0	0	0
2	2003	6	6/1/2003	52.32856	12.53398	70.81865	0	102213915	4189593.267	27000	30.77612764	3785.701	0	0	0	0
2	2003	7	7/1/2003	220.2774	93.82489	9.425032	0	112755640	4676042.786	27038	30.86337504	4170.266	0	0	0	0
2	2003	8	8/1/2003	262.7882	116.733	0	0	112586731	4717359.738	27940	29.00116669	4029.59	0	0	0	0
2	2003	9	9/1/2003	251.0724	121.5436	2.454435	0	120287932	4898468.326	27992	30.31790893	4297.225	0	0	0	0
2	2003	10	10/1/2003	36.62018	4.221629	150.2769	35.6384	101482944	4308700.771	28029	29.97690026	3620.641	0	0	0	0
2	2003	11	11/1/2003	8.639613	0	291.8487	98.63558	96076452	4282034.21	28046	29.4095236	3425.674	0	0	0	0
2	2003	12	12/1/2003	0.981774	0	622.3139	345.9772	116012153	4951042.6	28110	32.20918778	4127.078	0	0	0	0
2	2004	1	1/1/2004	0.785419	0	852.2127	558.7277	131261208	5416535.326	28131	33.07882645	4666.07	0	0	0	0
2	2004	2	2/1/2004	0.261806	0	1020.325	719.7714	125201652	4929008.077	28104	29.50676808	4454.941	0	0	0	0
2	2004	3	3/1/2004	2.356258	0	711.1645	418.0067	109248068	4455052.449	28127	29.21813214	3884.1	0	0	0	0
2	2004	4	4/1/2004	13.0576	1.472661	457.2122	231.0442	106039027	4475773.33	28166	30.55924492	3764.788	0	0	0	0
2	2004	5	5/1/2004	72.52039	21.69721	175.1158	57.13926	102893619	4470581.491	28189	29.61446972	3650.134	0	0	0	0
2	2004	6	6/1/2004	198.9729	81.61816	14.66116	3.959823	117520056	4949313.529	28233	31.19064898	4162.507	0	0	0	0
2	2004	7	7/1/2004	254.3122	126.3216	1.570839	0	118976058	5015317.759	28321	30.54495655	4200.984	0	0	0	0
2	2004	8	8/1/2004	251.0069	118.5001	3.239855	0	114443781	4757988.385	28361	29.31957963	4035.252	0	0	0	0
2	2004	9	9/1/2004	220.081	94.25032	5.203403	0	117319080	4783585.145	28421	29.96771584	4127.901	0	0	0	0
2	2004	10	10/1/2004	65.41889	12.07582	101.4827	9.686839	105855611	4345232.509	28472	29.99069741	3717.885	0	0	0	0
2	2004	11	11/1/2004	13.0576	2.65079	245.509	62.44084	98730455	4349311.684	28442	29.18478311	3471.291	0	0	0	0
2	2004	12	12/1/2004	1.898097	0.294532	565.0765	288.0198	117512911	4933599.866	28496	32.4958757	4123.839	0	0	0	0
2	2005	1	1/1/2005	0	0	772.4272	487.8436	129923747	5284690.887	28555	32.68588331	4549.947	0	0	0	0
2	2005	2	2/1/2005	0	0	876.8225	585.5629	124516797	4052916.396	28492	29.63610834	4370.237	0	0	0	0
2	2005	3	3/1/2005	0	0	804.0894	499.7394	117738445	4687104.148	28726	29.44491561	4098.672	0	0	0	0
2	2005	4	4/1/2005	5.857919	0	468.8135	232.2714	108711970	4641866.328	28742	30.42241297	3782.338	0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
2	2005	5	5/1/2005	21.56631	3.976185	237.5566	67.10427	100091466	4351242.286	28820	29.14480093	3472.986	0	0	0	0
2	2005	6	6/1/2005	125.8798	62.47356	74.28758	9.146863	112547882	4643858.345	28921	31.11115178	3891.563	0	0	0	0
2	2005	7	7/1/2005	358.4458	215.1395	0.245444	0	123440481	4897421.774	28896	30.35524461	4271.888	0	0	0	0
2	2005	8	8/1/2005	457.3104	305.299	0	0	128530449	5185584.801	28995	29.36106541	4432.849	0	0	0	0
2	2005	9	9/1/2005	344.6682	195.2422	0	0	129452716	5210760.293	29068	30.56748527	4453.444	0	0	0	0
2	2005	10	10/1/2005	158.7365	59.97004	46.51973	5.710653	112861111	4678833.682	29079	29.41398954	3881.19	0	0	0	0
2	2005	11	11/1/2005	9.997734	1.40721	353.8151	143.9445	105927769	4379555.222	29040	30.01907326	3647.65	0	0	0	0
2	2005	12	12/1/2005	1.472661	0	765.0312	488.5472	127394268	5196727.709	29064	32.14322626	4383.232	0	0	0	0
2	2006	1	1/1/2006	0	0	791.3591	487.7781	135492629	5526871.819	29121	33.05543149	4652.746	0	0	0	0
2	2006	2	2/1/2006	0	0	715.4352	415.045	120917137	4905604.031	29047	29.84730034	4162.81	0	0	0	0
2	2006	3	3/1/2006	1.374484	0	758.1588	469.9099	113477407	4408659.88	29187	28.66821515	3887.944	0	0	0	0
2	2006	4	4/1/2006	16.55926	3.321669	469.2881	244.1672	104629615	4945856.267	29148	28.87768459	3589.598	0	0	0	0
2	2006	5	5/1/2006	27.8333	5.154315	142.57	19.9791	103898105	5330942.142	29245	29.96965741	3552.679	0	0	0	0
2	2006	6	6/1/2006	105.3116	39.92548	86.5434	3.861645	112018505	5811534.299	29278	30.96539767	3826.03	0	0	0	0
2	2006	7	7/1/2006	260.1865	129.1197	2.945323	0	121843927	6302782.471	29279	30.63196915	4161.478	0	0	0	0
2	2006	8	8/1/2006	410.1525	260.3829	0	0	125800380	6386020.167	29339	28.80993701	4287.821	0	0	0	0
2	2006	9	9/1/2006	260.7756	142.7336	11.27404	0.916323	127448431	6274377.862	29384	30.86706245	4337.341	0	0	0	0
2	2006	10	10/1/2006	36.76744	3.927097	154.5313	37.9783	107090517	5596343.64	29597	29.64891681	3618.29	0	0	0	0
2	2006	11	11/1/2006	2.53625	0.523613	459.683	209.2161	105875300	5527073.07	29433	29.5718046	3597.163	0	0	0	0
2	2006	12	12/1/2006	2.65079	0	611.3508	329.9252	121292565	6280850.16	29354	31.74469165	4132.063	0	0	0	0
2	2007	1	1/1/2007	0.294532	0	651.1454	354.0605	127171780	6363612.15	29460	32.95469914	4316.761	0	0	0	0
2	2007	2	2/1/2007	0	0	1012.144	712.2772	132162288	6678186.66	29416	29.34591208	4492.871	0	0	0	0
2	2007	3	3/1/2007	2.258081	0.081815	890.191	601.1894	122115451	6243644.309	29460	29.09363403	4145.127	0	0	0	0
2	2007	4	4/1/2007	29.4205	2.994411	392.9551	207.8252	112596647	5794686.33	29427	30.79881755	3826.304	0	0	0	0
2	2007	5	5/1/2007	51.0359	8.361444	211.4251	78.36194	109476174	5572060.6	29570	30.02799106	3702.272	0	0	0	0
2	2007	6	6/1/2007	180.4337	70.42594	40.92362	3.223492	117859491	6080179.579	29678	30.43058715	3971.275	0	0	0	0
2	2007	7	7/1/2007	293.4687	147.6588	0	0	122280244	5702463.06	29736	30.11776512	4112.195	0	0	0	0
2	2007	8	8/1/2007	344.0464	199.6438	0	0	125107341	6448877.76	29828	29.35278207	4194.292	0	0	0	0
2	2007	9	9/1/2007	379.4557	237.2457	5.727016	0	135178765	6710648.15	29876	30.39758798	4524.661	0	0	0	0
2	2007	10	10/1/2007	176.3103	86.52703	48.31965	6.59425	116735402	5999305.79	29925	29.64791229	3900.932	0	0	0	0
2	2007	11	11/1/2007	29.89502	11.91219	332.0851	128.7597	108929699	5600502.48	29935	30.07807471	3638.874	0	0	0	0
2	2007	12	12/1/2007	0	0	649.7709	366.3981	122828829	6868127.46	29922	32.11236679	4104.967	0	0	0	0
2	2008	1	1/1/2008	0	0	790.5409	497.9886	135988541	6679359.47	29969	33.06407303	4537.64	0	0	0	0
2	2008	2	2/1/2008	0	0	901.6778	607.8164	128773052	6484604.387	29955	29.36259128	4298.883	0	0	0	0
2	2008	3	3/1/2008	0	0	816.0671	519.7349	122678482	6343672.733	29975	29.48052138	4092.693	0	0	0	0
2	2008	4	4/1/2008	1.439935	0.065452	494.8633	234.235	112839096	5889632.952	30023	30.3364354	3758.422	0	0	0	0
2	2008	5	5/1/2008	18.76825	2.225355	219.9992	52.01767	103309942	5460883.279	30069	29.31006152	3435.762	0	0	0	0
2	2008	6	6/1/2008	111.5786	54.12848	97.01565	3.567113	114938687	6092835.21	30080	30.75832118	3821.1	0	0	0	0
2	2008	7	7/1/2008	232.4187	105.9825	0.867234	0	122829355	6588851.04	29341	30.34804286	4186.27	0	0	0	0
2	2008	8	8/1/2008	281.3765	136.5812	0	0	124863559	6570959.59	29387	29.82656979	4248.939	0	0	0	0
2	2008	9	9/1/2008	261.0538	123.0818	0	0	127141733	6320373.85	29479	30.36998382	4312.959	0	0	0	0
2	2008	10	10/1/2008	101.63	32.85671	62.24448	8.639613	111421466	5971169.1	29482	29.42097951	3779.305	0	0	0	0
2	2008	11	11/1/2008	6.561524	0.310895	409.3998	169.487	106285450	5660217.03	29453	29.53508422	3608.646	0	0	0	0
2	2008	12	12/1/2008	0	0	851.82	551.3808	131439135	6710171.04	29540	32.10350081	4449.531	0	0	0	0
2	2009	1	1/1/2009	0	0	901.4978	601.5658	140606604	6932764.224	29552	33.33742518	4757.939	0	0	0	0
2	2009	2	2/1/2009	0	0	1032.336	731.2745	135440164	7146829.23	29486	29.83797383	4593.372	0	0	0	0
2	2009	3	3/1/2009	4.156177	0	746.6884	472.1025	117944093	6258282.23	29604	28.94399815	3984.059	0	0	0	0
2	2009	4	4/1/2009	3.15804	0.229081	453.9888	182.25	108021954	5723752.84	29479	30.28100468	3664.37	0	0	0	0
2	2009	5	5/1/2009	60.51002	18.44099	207.7761	47.1088	105536445	5642306.039	29457	30.06042412	3582.729	0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
2	2009	6	6/1/2009	121.7564	39.35278	57.48288	4.56525	114602837	6073018.03	29567	30.5218432	3876.039	0	0	0	0
2	2009	7	7/1/2009	209.9851	83.20536	2.781694	0	119391195	6549288.61	29524	30.42087785	4043.869	0	0	0	0
2	2009	8	8/1/2009	216.563	84.56348	1.40721	0	118640006	6249073.53	29559	29.72589896	4013.668	0	0	0	0
2	2009	9	9/1/2009	207.0889	83.12355	1.276306	0	122206783	6206674.92	29581	30.07223489	4131.259	0	0	0	0
2	2009	10	10/1/2009	73.97669	16.73925	157.722	32.97125	110816069	5803138.47	29614	29.94246033	3742.016	0	0	0	0
2	2009	11	11/1/2009	3.0435	0	399.5166	131.2959	102272004	5490249.75	29595	29.37804422	3455.719	0	0	0	0
2	2009	12	12/1/2009	0.196355	0	640.3131	344.6518	122158139	6199247.64	29635	32.56418086	4122.09	0	0	0	0
2	2010	1	1/1/2010	0	0	1014.713	710.3954	145310559	7411487.27	29670	33.06437828	4897.558	0	0	0	0
2	2010	2	2/1/2010	0	0	1014.811	710.4609	130435595	7228077.752	29652	29.20335241	4398.88	0	0	0	0
2	2010	3	3/1/2010	0	0	883.6622	582.1266	125707234	6558934.84	29669	29.32842005	4236.989	0	0	0	0
2	2010	4	4/1/2010	24.26619	7.330581	368.2308	135.6485	109887187	5782692.98	29699	30.82687031	3700.03	0	0	0	0
2	2010	5	5/1/2010	38.1092	7.1015	165.1671	35.24569	103227627	5567047.557	29710	29.40209653	3474.508	0	0	0	0
2	2010	6	6/1/2010	185.6862	77.88742	26.377	5.710653	120865708	6506346.59	29863	30.816943	4047.34	0	0	0	0
2	2010	7	7/1/2010	334.1959	189.8097	0	0	128707608	8192521.45	29814	30.46573727	4317.019	0	0	0	0
2	2010	8	8/1/2010	389.928	238.6529	0	0	130361661	9124067.47	29867	29.69271328	4364.739	0	0	0	0
2	2010	9	9/1/2010	275.6167	143.4372	3.0435	0	127052974	8467416.245	29864	30.26195226	4254.386	0	0	0	0
2	2010	10	10/1/2010	103.4954	42.87081	99.27373	11.24131	109427766	7622461.143	29878	29.76451156	3662.486	0	0	0	0
2	2010	11	11/1/2010	9.981371	0	339.3666	119.9237	101444450	7112274.143	29971	29.33453028	3384.754	0	0	0	0
2	2010	12	12/1/2010	0	0	783.9467	488.1054	126636697	8776145.68	29828	32.586419	4245.564	0	0	0	0
2	2011	1	1/1/2011	0	0	1080.835	776.4852	149513476	10161840.9	30017	32.88722405	4980.96	0	0	0	0
2	2011	2	2/1/2011	0	0	1011.227	708.5792	128069545	8834096.056	29782	29.41533069	4300.233	0	0	0	0
2	2011	3	3/1/2011	1.587202	0.196355	656.5942	368.1817	113030389	7695418.985	29964	29.445752	3772.206	0	0	0	0
2	2011	4	4/1/2011	15.29931	1.685379	465.8191	236.6403	105850586	7635801.968	29852	29.71785987	3545.846	0	0	0	0
2	2011	5	5/1/2011	45.94703	8.917782	194.4895	45.88158	104314600	7498610.489	29900	30.59681495	3488.783	0	0	0	0
2	2011	6	6/1/2011	172.0559	74.66393	67.67697	14.7757	113971493	8327249.827	29936	30.51056737	3807.172	0	0	0	0
2	2011	7	7/1/2011	268.7607	134.9449	1.734468	0	120703198	8452635.109	29908	30.59035366	4035.816	0	0	0	0
2	2011	8	8/1/2011	397.7658	245.7217	0	0	126716547	8708411.29	30057	29.53099447	4215.875	0	0	0	0
2	2011	9	9/1/2011	237.8512	114.6549	14.9066	0.163629	121599600	8078883.995	30031	30.32198463	4049.136	0	0	0	0
2	2011	10	10/1/2011	42.41265	14.80843	132.8995	28.81507	104807038	7077615.613	30047	29.90229034	3488.103	0	0	0	0
2	2011	11	11/1/2011	0.981774	0	381.8447	144.1899	101307383	6969675.716	30046	29.46608653	3371.743	0	0	0	0
2	2011	12	12/1/2011	1.472661	0	542.3321	263.2791	117291091	7923207.83	30032	32.39390364	3905.537	0	0	0	0
2	2012	1	1/1/2012	0	0	754.8535	454.2342	127272515	8539033.126	30029	32.66231007	4238.32	0	0	0	0
2	2012	2	2/1/2012	0	0	775.5198	472.9043	118081469	8080425.757	29991	29.89488125	3937.23	0	0	0	0
2	2012	3	3/1/2012	8.786879	1.489024	608.3891	339.4975	108057419	7318580.407	29891	29.29178297	3615.049	0	0	0	0
2	2012	4	4/1/2012	36.62018	6.430621	238.293	71.4568	99556722	6822291.044	29979	30.06495347	3320.882	0	0	0	0
2	2012	5	5/1/2012	53.24489	11.33949	203.9309	48.48328	101822173	6734187.609	30000	30.07345891	3394.072	0	0	0	0
2	2012	6	6/1/2012	157.4929	63.84805	25.82066	0.245444	110744153	7276037.707	30057	30.67968848	3684.471	0	0	0	0
2	2012	7	7/1/2012	352.5715	214.2395	1.685379	0	122686761	7578600.369	30096	30.95862203	4076.514	0	0	0	0
2	2012	8	8/1/2012	346.8445	199.562	0	0	118371520	7692756.96	30111	29.19612174	3931.172	0	0	0	0
2	2012	9	9/1/2012	244.5109	119.6292	6.676065	0.589065	120209831	7905622.231	30146	30.61280765	3987.588	0	0	0	0
2	2012	10	10/1/2012	58.841	17.31195	161.9109	39.15643	102116621	6838651.736	30087	29.45824827	3394.045	0	0	0	0
2	2012	11	11/1/2012	7.559661	0	441.7984	203.44	101170198	6654768.96	30157	29.72746672	3354.783	0	0	0	0
2	2012	12	12/1/2012	0	0	624.7193	332.1342	116462995	7491156.83	30165	32.08293693	3860.865	0	0	0	0
2	2013	1	1/1/2013	0	0	806.0203	510.3262	127240868	8037030.334	30181	32.64330028	4215.926	0	0	0	0
2	2013	2	2/1/2013	0	0	890.0601	598.3259	121020080	7963617.81	30147	29.49742295	4014.332	0	0	0	0
2	2013	3	3/1/2013	1.736649	0.207263	739.5956	451.494				29.21281905		0	0	0	0
2	2013	4	4/1/2013	14.05846	2.888598	462.45	221.7479				30.20947597		0	0	0	0
2	2013	5	5/1/2013	44.24747	11.52276	211.6018	56.73237				29.79997502		0	0	0	0
2	2013	6	6/1/2013	136.0205	56.04076	64.53856	6.419712				30.77612764		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
2	2013	7	7/1/2013	288.0869	152.8137	3.958186	0.032726				30.52969441		0	0	0	0
2	2013	8	8/1/2013	340.3806	194.3177	0.461434	0				29.38168291		0	0	0	0
2	2013	9	9/1/2013	265.2918	135.979	7.725472	0.193082				30.37567237		0	0	0	0
2	2013	10	10/1/2013	85.86815	32.25074	123.175	23.35695				29.71669063		0	0	0	0
2	2013	11	11/1/2013	11.3144	2.035	369.0178	143.6837				29.57044712		0	0	0	0
2	2013	12	12/1/2013	1.372302	0.172356	657.5034	372.9727				32.24362894		0	0	0	0
2	2014	1	1/1/2014	0.271624	0	875.3608	578.5655				32.94335513		0	0	0	0
2	2014	2	2/1/2014	0.045816	0	916.1519	617.824				29.55476412		0	0	0	0
2	2014	3	3/1/2014	1.736649	0.207263	739.5956	451.494				29.21281905		0	0	0	0
2	2014	4	4/1/2014	14.05846	2.888598	462.45	221.7479				30.20947597		0	0	0	0
2	2014	5	5/1/2014	44.24747	11.52276	211.6018	56.73237				29.79997502		0	0	0	0
2	2014	6	6/1/2014	136.0205	56.04076	64.53856	6.419712				30.77612764		0	0	0	0
2	2014	7	7/1/2014	288.0869	152.8137	3.958186	0.032726				30.52969441		0	0	0	0
2	2014	8	8/1/2014	340.3806	194.3177	0.461434	0				29.38168291		0	0	0	0
2	2014	9	9/1/2014	265.2918	135.979	7.725472	0.193082				30.37567237		0	0	0	0
2	2014	10	10/1/2014	85.86815	32.25074	123.175	23.35695				29.71669063		0	0	0	0
2	2014	11	11/1/2014	11.3144	2.035	369.0178	143.6837				29.57044712		0	0	0	0
2	2014	12	12/1/2014	1.372302	0.172356	657.5034	372.9727				32.24362894		0	0	0	0
2	2015	1	1/1/2015	0.271624	0	875.3608	578.5655				32.94335513		0	0	0	0
2	2015	2	2/1/2015	0.045816	0	916.1519	617.824				29.55476412		0	0	0	0
2	2015	3	3/1/2015	1.736649	0.207263	739.5956	451.494				29.21281905		0	0	0	0
2	2015	4	4/1/2015	14.05846	2.888598	462.45	221.7479				30.20947597		0	0	0	0
2	2015	5	5/1/2015	44.24747	11.52276	211.6018	56.73237				29.79997502		0	0	0	0
2	2015	6	6/1/2015	136.0205	56.04076	64.53856	6.419712				30.77612764		0	0	0	0
2	2015	7	7/1/2015	288.0869	152.8137	3.958186	0.032726				30.52969441		0	0	0	0
2	2015	8	8/1/2015	340.3806	194.3177	0.461434	0				29.38168291		0	0	0	0
2	2015	9	9/1/2015	265.2918	135.979	7.725472	0.193082				30.37567237		0	0	0	0
2	2015	10	10/1/2015	85.86815	32.25074	123.175	23.35695				29.71669063		0	0	0	0
2	2015	11	11/1/2015	11.3144	2.035	369.0178	143.6837				29.57044712		0	0	0	0
2	2015	12	12/1/2015	1.372302	0.172356	657.5034	372.9727				32.24362894		0	0	0	0
2	2016	1	1/1/2016	0.271624	0	875.3608	578.5655				32.94335513		0	0	0	0
2	2016	2	2/1/2016	0.045816	0	916.1519	617.824				29.55476412		0	0	0	0
2	2016	3	3/1/2016	1.736649	0.207263	739.5956	451.494				29.21281905		0	0	0	0
2	2016	4	4/1/2016	14.05846	2.888598	462.45	221.7479				30.20947597		0	0	0	0
2	2016	5	5/1/2016	44.24747	11.52276	211.6018	56.73237				29.79997502		0	0	0	0
2	2016	6	6/1/2016	136.0205	56.04076	64.53856	6.419712				30.77612764		0	0	0	0
2	2016	7	7/1/2016	288.0869	152.8137	3.958186	0.032726				30.52969441		0	0	0	0
2	2016	8	8/1/2016	340.3806	194.3177	0.461434	0				29.38168291		0	0	0	0
2	2016	9	9/1/2016	265.2918	135.979	7.725472	0.193082				30.37567237		0	0	0	0
2	2016	10	10/1/2016	85.86815	32.25074	123.175	23.35695				29.71669063		0	0	0	0
2	2016	11	11/1/2016	11.3144	2.035	369.0178	143.6837				29.57044712		0	0	0	0
2	2016	12	12/1/2016	1.372302	0.172356	657.5034	372.9727				32.24362894		0	0	0	0
3.1	2003	1	1/1/2003	0	0	867.3648	567.1055	43949539	936751.71	944	30.18967803		0	0	0	0
3.1	2003	2	2/1/2003	0	0	1095.889	792.3245	38555374	1208876.644	943	29.38893365		0	0	0	0
3.1	2003	3	3/1/2003	0	0	825.3776	534.6742	39319741	893103.646	937	29.82729862		0	0	0	0
3.1	2003	4	4/1/2003	15.44658	0	358.0203	141.3428	35103645	1164226.564	970	30.38577286		0	0	0	0
3.1	2003	5	5/1/2003	38.48555	3.174403	162.2545	30.5659	37704089	1261759.688	935	30.0454048		0	0	0	0
3.1	2003	6	6/1/2003	52.32856	12.53398	70.81865	0	34276073	0	931	30.56505684		0	0	0	0
3.1	2003	7	7/1/2003	220.2774	93.82489	9.425032	0	35531822	955234.8799	933	30.94672284		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.1	2003	8	8/1/2003	262.7882	116.733	0	0	37803282	1097612.447	926	30.44573027		0	0	0	0
3.1	2003	9	9/1/2003	251.0724	121.5436	2.454435	0	32497895	709531.69	922	30.14929617		0	0	0	0
3.1	2003	10	10/1/2003	36.62018	4.221629	150.2769	35.6384	40749816	1028946.117	918	30.59010003		0	0	0	0
3.1	2003	11	11/1/2003	8.639613	0	291.8487	98.63558	33849886	964041.7271	924	29.78766851		0	0	0	0
3.1	2003	12	12/1/2003	0.981774	0	622.3139	345.9772	34886073	947751.5457	945	32.00952765		0	0	0	0
3.1	2004	1	1/1/2004	0.785419	0	852.2127	558.7277	31785537	765811.4544	939	31.42114074		0	0	0	0
3.1	2004	2	2/1/2004	0.261806	0	1020.325	719.7714	29965841	747330.8163	939	29.08800238		0	0	0	0
3.1	2004	3	3/1/2004	2.356258	0	711.1645	418.0067	29501194	680313.8993	938	30.68506633		0	0	0	0
3.1	2004	4	4/1/2004	13.0576	1.472661	457.2122	231.0442	15242512	725584.586	939	30.05465696		-1	0	0	0
3.1	2004	5	5/1/2004	72.52039	21.69721	175.1158	57.13926	47154047	737737.1522	943	30.48319108		1	0	0	0
3.1	2004	6	6/1/2004	198.9729	81.61816	14.66116	3.959823	30766312	727314.3137	935	30.55350305		0	0	0	0
3.1	2004	7	7/1/2004	254.3122	126.3216	1.570839	0	31174205	736793.7447	936	30.21244431		0	0	0	0
3.1	2004	8	8/1/2004	251.0069	118.5001	3.239855	0	30421910	777261.07	934	30.93164431		0	0	0	0
3.1	2004	9	9/1/2004	220.081	94.25032	5.203403	0	30331331	750680.666	933	30.47891579		0	0	0	0
3.1	2004	10	10/1/2004	65.41889	12.07582	101.4827	9.686839	31024237	626284.2647	934	30.37667325		0	0	0	0
3.1	2004	11	11/1/2004	13.0576	2.65079	245.509	62.44084	33531811	828831.482	924	29.76390475		0	0	0	0
3.1	2004	12	12/1/2004	1.898097	0.294532	565.0765	288.0198	35589033	816937.7331	929	32.24281097		0	0	0	0
3.1	2005	1	1/1/2005	0	0	772.4272	487.8436	34561254	712259.8583	933	31.19420818		0	0	0	0
3.1	2005	2	2/1/2005	0	0	876.8225	585.5629	48758055	-224133.591	929	29.65061455		0	1	0	0
3.1	2005	3	3/1/2005	0	0	804.0894	499.7394	15616469	512736.3011	942	29.78856886		0	-1	0	0
3.1	2005	4	4/1/2005	5.857919	0	468.8135	232.2714	30927535	730656.7423	929	31.01518886		0	0	0	0
3.1	2005	5	5/1/2005	21.56631	3.976185	237.5566	67.10427	29296501	709469.0827	932	29.31650481		0	0	0	0
3.1	2005	6	6/1/2005	125.8798	62.47356	74.28758	9.146863	32474791	731026.0542	934	31.02081011		0	0	0	0
3.1	2005	7	7/1/2005	358.4458	215.1395	0.245444	0	29819585	81001.19031	930	30.85277894		0	0	0	0
3.1	2005	8	8/1/2005	457.3104	305.299	0	0	34780291	108193.2087	935	30.40478037		0	0	0	0
3.1	2005	9	9/1/2005	344.6682	195.2422	0	0	29365705	69707.10556	937	29.85149693		0	0	0	0
3.1	2005	10	10/1/2005	158.7365	59.97004	46.51973	5.710653	39960608	159029.9807	938	30.42046477		0	0	0	0
3.1	2005	11	11/1/2005	9.997734	1.40721	353.8151	143.9445	32196144	7460.891395	936	30.32964371		0	0	0	0
3.1	2005	12	12/1/2005	1.472661	0	765.0312	488.5472	34868882	32161.47709	941	31.47110504		0	0	0	0
3.1	2006	1	1/1/2006	0	0	791.3591	487.7781	34131971	80857.18147	948	31.41420428		0	0	0	0
3.1	2006	2	2/1/2006	0	0	715.4352	415.045	41374791	-233162.1726	939	29.14664784		0	0	0	0
3.1	2006	3	3/1/2006	1.374484	0	758.1588	469.9099	23186043	251392.4931	953	29.56764438		0	0	0	0
3.1	2006	4	4/1/2006	16.55926	3.321669	469.2881	244.1672	31650963	154895.1666	946	29.69426656		0	0	0	0
3.1	2006	5	5/1/2006	27.8333	5.154315	142.57	19.9791	28029084	398462.9688	943	29.9645568		0	0	0	0
3.1	2006	6	6/1/2006	105.3116	39.92548	86.5434	3.861645	34534761	294872.0921	955	30.61638979		0	0	0	0
3.1	2006	7	7/1/2006	260.1865	129.1197	2.945323	0	30250323	1070143.394	947	30.8536366		0	0	0	0
3.1	2006	8	8/1/2006	410.1525	260.3829	0	0	29027256	1039362.253	942	30.32618298		0	0	0	0
3.1	2006	9	9/1/2006	260.7756	142.7336	11.27404	0.916323	35157712	1008234.825	942	30.43030658		0	0	0	0
3.1	2006	10	10/1/2006	36.76744	3.927097	154.5313	37.9783	29616893	990316.058	942	30.43600472		0	0	0	0
3.1	2006	11	11/1/2006	2.53625	0.523613	459.683	209.2161	26474442	1117021.356	945	31.00418275		0	0	0	0
3.1	2006	12	12/1/2006	2.65079	0	611.3508	329.9252	31063148	945387.1743	945	30.87032739		0	0	0	0
3.1	2007	1	1/1/2007	0.294532	0	651.1454	354.0605	47922929	1140371.996	950	31.69911045		0	0	1	0
3.1	2007	2	2/1/2007	0	0	1012.144	712.2772	11396987	841884.3827	944	29.23548422		0	0	-1	0
3.1	2007	3	3/1/2007	2.258081	0.081815	890.191	601.1894	25821293	1004588.83	939	30.42644775		0	0	0	0
3.1	2007	4	4/1/2007	29.4205	2.994411	392.9551	207.8252	29921980	972869.4742	936	30.13502268		0	0	0	0
3.1	2007	5	5/1/2007	51.0359	8.361444	211.4251	78.36194	25430051	1106046.65	932	30.73248547		0	0	0	0
3.1	2007	6	6/1/2007	180.4337	70.42594	40.92362	3.223492	33601581	894174.2537	945	30.13770159		0	0	0	0
3.1	2007	7	7/1/2007	293.4687	147.6588	0	0	31596460	540914.9331	942	30.09714326		0	0	0	0
3.1	2007	8	8/1/2007	344.0464	199.6438	0	0	29290760	1203379.594	942	30.75920104		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.1	2007	9	9/1/2007	379.4557	237.2457	5.727016		0	39730191	1087704.928	943	30.50425408	0	0	0	0
3.1	2007	10	10/1/2007	176.3103	86.52703	48.31965	6.59425	68749381	1192049.758	937	29.64350291	0	0	0	0	1
3.1	2007	11	11/1/2007	29.89502	11.91219	332.0851	128.7597	5424450	562546.2139	938	31.06711552	0	0	0	0	-1
3.1	2007	12	12/1/2007	0	0	649.7709	366.3981	33856494	2077423.798	936	30.88226112	0	0	0	0	0
3.1	2008	1	1/1/2008	0	0	790.5409	497.9886	33434461	924888.9444	938	31.2719062	0	0	0	0	0
3.1	2008	2	2/1/2008	0	0	901.6778	607.8164	35853798	1109176.638	941	29.39087939	0	0	0	0	0
3.1	2008	3	3/1/2008	0	0	816.0671	519.7349	33347072	1149907.834	953	29.94087446	0	0	0	0	0
3.1	2008	4	4/1/2008	1.439935	0.065452	494.8633	234.235	34103095	1031596.901	948	30.69811826	0	0	0	0	0
3.1	2008	5	5/1/2008	18.76825	2.225355	219.9992	52.01767	31197406	1197306.781	949	30.51484694	0	0	0	0	0
3.1	2008	6	6/1/2008	111.5786	54.12848	97.01565	3.567113	35911688	1252936.197	957	30.33335368	0	0	0	0	0
3.1	2008	7	7/1/2008	232.4187	105.9825	0.867234	0	34361858	1172396.734	957	30.67490839	0	0	0	0	0
3.1	2008	8	8/1/2008	281.3765	136.5812	0	0	29557141	997596.4582	951	29.80758075	0	0	0	0	0
3.1	2008	9	9/1/2008	261.0538	123.0818	0	0	33274873	1335069.766	966	30.44680721	0	0	0	0	0
3.1	2008	10	10/1/2008	101.63	32.85671	62.24448	8.639613	31477986	1106651.228	972	30.35594468	0	0	0	0	0
3.1	2008	11	11/1/2008	6.561524	0.310895	409.3998	169.487	30236728	859779.7221	969	30.27272982	0	0	0	0	0
3.1	2008	12	12/1/2008	0	0	851.82	551.3808	34047913	1320698.009	969	31.11585113	0	0	0	0	0
3.1	2009	1	1/1/2009	0	0	901.4978	601.5658	33836696	-779977.0392	973	31.19211776	0	0	0	0	0
3.1	2009	2	2/1/2009	0	0	1032.336	731.2745	31328953	1202713.221	971	29.71592246	0	0	0	0	0
3.1	2009	3	3/1/2009	4.156177	0	746.6884	472.1025	27934957	1065892.454	973	30.07761708	0	0	0	0	0
3.1	2009	4	4/1/2009	3.15804	0.229081	453.9888	182.25	27396673	440777.6779	976	30.90484289	0	0	0	0	0
3.1	2009	5	5/1/2009	60.51002	18.44099	207.7761	47.1088	21709325	1732787.92	969	29.70779368	0	0	0	0	0
3.1	2009	6	6/1/2009	121.7564	39.35278	57.48288	4.56525	27201083	1152318.699	978	30.55197462	0	0	0	0	0
3.1	2009	7	7/1/2009	209.9851	83.20536	2.781694	0	28694653	1444119.394	967	31.24147264	0	0	0	0	0
3.1	2009	8	8/1/2009	216.563	84.56348	1.40721	0	13034545	1073832.637	973	30.64232215	0	0	0	0	0
3.1	2009	9	9/1/2009	207.0889	83.12355	1.276306	0	31303411	388993.5142	967	29.9770058	0	0	0	0	0
3.1	2009	10	10/1/2009	73.97669	16.73925	157.722	32.97125	53200462	1319728.116	968	30.48718671	0	0	0	0	0
3.1	2009	11	11/1/2009	3.0435	0	399.5166	131.2959	27677739	1110745.605	970	29.26297136	0	0	0	0	0
3.1	2009	12	12/1/2009	0.196355	0	640.3131	344.6518	30258674	1137367.009	972	32.33658768	0	0	0	0	0
3.1	2010	1	1/1/2010	0	0	1014.713	710.3954	29895194	1100100.228	971	31.56376427	0	0	0	0	0
3.1	2010	2	2/1/2010	0	0	1014.811	710.4609	31454005	779466.6354	969	29.05639324	0	0	0	0	0
3.1	2010	3	3/1/2010	0	0	883.6622	582.1266	25897796	1064702.645	982	29.67902465	0	0	0	0	0
3.1	2010	4	4/1/2010	24.26619	7.330581	368.2308	135.6485	27350908	1018630.782	972	30.06898645	0	0	0	0	0
3.1	2010	5	5/1/2010	38.1092	7.1015	165.1671	35.24569	30556803	1026111.073	971	29.21217726	0	0	0	0	0
3.1	2010	6	6/1/2010	185.6862	77.88742	26.377	5.710653	43088505	664125.5445	985	30.68191245	0	0	0	0	0
3.1	2010	7	7/1/2010	334.1959	189.8097	0	0	28905229	881034.1014	971	30.69638487	0	0	0	0	0
3.1	2010	8	8/1/2010	389.928	238.6529	0	0	43333914	2300714.939	970	30.32272036	0	0	0	0	0
3.1	2010	9	9/1/2010	275.6167	143.4372	3.0435	0	29365934	1272099.912	966	30.2495807	0	0	0	0	0
3.1	2010	10	10/1/2010	103.4954	42.87081	99.27373	11.24131	22298057	559641.7503	958	30.24307208	0	0	0	0	0
3.1	2010	11	11/1/2010	9.981371	0	339.3666	119.9237	38239575	897885.6047	963	30.33854088	0	0	0	0	0
3.1	2010	12	12/1/2010	0	0	783.9467	488.1054	24811709	1775999.484	952	31.52203188	0	0	0	0	0
3.1	2011	1	1/1/2011	0	0	1080.835	776.4852	32235855	1412420.034	957	30.64465478	0	0	0	0	0
3.1	2011	2	2/1/2011	0	0	1011.227	708.5792	41327424	1758253.287	957	29.49787051	0	0	0	0	0
3.1	2011	3	3/1/2011	1.587202	0.196355	656.5942	368.1817	14051345	1969870.99	964	28.56145472	0	0	0	0	0
3.1	2011	4	4/1/2011	15.29931	1.685379	465.8191	236.6403	27249388	803329.5618	958	30.46416916	0	0	0	0	0
3.1	2011	5	5/1/2011	45.94703	8.917782	194.4895	45.88158	27144290	1545562.351	956	29.83759357	0	0	0	0	0
3.1	2011	6	6/1/2011	172.0559	74.66393	67.67697	14.7757	30787741	1954608.504	954	31.05698009	0	0	0	0	0
3.1	2011	7	7/1/2011	268.7607	134.9449	1.734468	0	25418240	1473400.677	950	30.70797851	0	0	0	0	0
3.1	2011	8	8/1/2011	397.7658	245.7217	0	0	26982898	1052748.913	947	30.19008384	0	0	0	0	0
3.1	2011	9	9/1/2011	237.8512	114.6549	14.9066	0.163629	27355886	1255264.594	950	30.52631447	0	0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.1	2011	10	10/1/2011	42.41265	14.80843	132.8995	28.81507	23641357	1185407.516	948	29.95185578		0	0	0	0
3.1	2011	11	11/1/2011	0.981774	0	381.8447	144.1899	25043588	1223507.993	949	30.44695047		0	0	0	0
3.1	2011	12	12/1/2011	1.472661	0	542.3321	263.2791	27197375	1345230.931	948	31.62634161		0	0	0	0
3.1	2012	1	1/1/2012	0	0	754.8535	454.2342	28628660	2139142.712	944	32.34184521		0	0	0	0
3.1	2012	2	2/1/2012	0	0	775.5198	472.9043	29329430	1167752.526	944	29.86604722		0	0	0	0
3.1	2012	3	3/1/2012	8.786879	1.489024	608.3891	339.4975	25084997	945501.0789	947	29.71898938		0	0	0	0
3.1	2012	4	4/1/2012	36.62018	6.430621	238.293	71.4568	25351971	760215.0562	945	30.4367039		0	0	0	0
3.1	2012	5	5/1/2012	53.24489	11.33949	203.9309	48.48328	23847189	1095901.349	942	30.63949358		0	0	0	0
3.1	2012	6	6/1/2012	157.4929	63.84805	25.82066	0.245444	26167890	1230315.577	940	30.1328862		0	0	0	0
3.1	2012	7	7/1/2012	352.5715	214.2395	1.685379	0	24011424	854397.4073	942	30.97567263		0	0	0	0
3.1	2012	8	8/1/2012	346.8445	199.562	0	0	24125844	6237008.419	954	30.23945776		0	0	0	0
3.1	2012	9	9/1/2012	244.5109	119.6292	6.676065	0.589065	29870227	-3882291.084	953	17.7262409		0	0	0	0
3.1	2012	10	10/1/2012	58.841	17.31195	161.9109	39.15643	30046922	907850.7918	946	17.62226482		0	0	0	0
3.1	2012	11	11/1/2012	7.559661	0	441.7984	203.44	23422315	462626.6685	941	17.72306214		0	0	0	0
3.1	2012	12	12/1/2012	0	0	624.7193	332.1342	20498537	1082670.288	948	18.84742382		0	0	0	0
3.1	2013	1	1/1/2013	0	0	806.0203	510.3262	21886444	994882.737	934	19.15382846		0	0	0	0
3.1	2013	2	2/1/2013	0	0	890.0601	598.3259	25795490	1186770.548	945	29.24147464		0	0	0	0
3.1	2013	3	3/1/2013	1.736649	0.207263	739.5956	451.494				29.82729862		0	0	0	0
3.1	2013	4	4/1/2013	14.05846	2.888598	462.45	221.7479				30.38577286		0	0	0	0
3.1	2013	5	5/1/2013	44.24747	11.52276	211.6018	56.73237				30.0454048		0	0	0	0
3.1	2013	6	6/1/2013	136.0205	56.04076	64.53856	6.419712				30.56505684		0	0	0	0
3.1	2013	7	7/1/2013	288.0869	152.8137	3.958186	0.032726				30.7259143		0	0	0	0
3.1	2013	8	8/1/2013	340.3806	194.3177	0.461434	0				30.40697038		0	0	0	0
3.1	2013	9	9/1/2013	265.2918	135.979	7.725472	0.193082				29.03402186		0	0	0	0
3.1	2013	10	10/1/2013	85.86815	32.25074	123.175	23.35695				29.01270698		0	0	0	0
3.1	2013	11	11/1/2013	11.3144	2.035	369.0178	143.6837				28.99967699		0	0	0	0
3.1	2013	12	12/1/2013	1.372302	0.172356	657.5034	372.9727				30.29242683		0	0	0	0
3.1	2014	1	1/1/2014	0.271624	0	875.3608	578.5655				30.18967803		0	0	0	0
3.1	2014	2	2/1/2014	0.045816	0	916.1519	617.824				29.38893365		0	0	0	0
3.1	2014	3	3/1/2014	1.736649	0.207263	739.5956	451.494				29.82729862		0	0	0	0
3.1	2014	4	4/1/2014	14.05846	2.888598	462.45	221.7479				30.38577286		0	0	0	0
3.1	2014	5	5/1/2014	44.24747	11.52276	211.6018	56.73237				30.0454048		0	0	0	0
3.1	2014	6	6/1/2014	136.0205	56.04076	64.53856	6.419712				30.56505684		0	0	0	0
3.1	2014	7	7/1/2014	288.0869	152.8137	3.958186	0.032726				30.7259143		0	0	0	0
3.1	2014	8	8/1/2014	340.3806	194.3177	0.461434	0				30.40697038		0	0	0	0
3.1	2014	9	9/1/2014	265.2918	135.979	7.725472	0.193082				29.03402186		0	0	0	0
3.1	2014	10	10/1/2014	85.86815	32.25074	123.175	23.35695				29.01270698		0	0	0	0
3.1	2014	11	11/1/2014	11.3144	2.035	369.0178	143.6837				28.99967699		0	0	0	0
3.1	2014	12	12/1/2014	1.372302	0.172356	657.5034	372.9727				30.29242683		0	0	0	0
3.1	2015	1	1/1/2015	0.271624	0	875.3608	578.5655				30.18967803		0	0	0	0
3.1	2015	2	2/1/2015	0.045816	0	916.1519	617.824				29.38893365		0	0	0	0
3.1	2015	3	3/1/2015	1.736649	0.207263	739.5956	451.494				29.82729862		0	0	0	0
3.1	2015	4	4/1/2015	14.05846	2.888598	462.45	221.7479				30.38577286		0	0	0	0
3.1	2015	5	5/1/2015	44.24747	11.52276	211.6018	56.73237				30.0454048		0	0	0	0
3.1	2015	6	6/1/2015	136.0205	56.04076	64.53856	6.419712				30.56505684		0	0	0	0
3.1	2015	7	7/1/2015	288.0869	152.8137	3.958186	0.032726				30.7259143		0	0	0	0
3.1	2015	8	8/1/2015	340.3806	194.3177	0.461434	0				30.40697038		0	0	0	0
3.1	2015	9	9/1/2015	265.2918	135.979	7.725472	0.193082				29.03402186		0	0	0	0
3.1	2015	10	10/1/2015	85.86815	32.25074	123.175	23.35695				29.01270698		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.1	2015	11	11/1/2015	11.3144	2.035	369.0178	143.6837					28.99967699		0	0	0
3.1	2015	12	12/1/2015	1.372302	0.172356	657.5034	372.9727					30.29242683		0	0	0
3.1	2016	1	1/1/2016	0.271624	0	875.3608	578.5655					30.18967803		0	0	0
3.1	2016	2	2/1/2016	0.045816	0	916.1519	617.824					29.38893365		0	0	0
3.1	2016	3	3/1/2016	1.736649	0.207263	739.5956	451.494					29.82729862		0	0	0
3.1	2016	4	4/1/2016	14.05846	2.888598	462.45	221.7479					30.38577286		0	0	0
3.1	2016	5	5/1/2016	44.24747	11.52276	211.6018	56.73237					30.0454048		0	0	0
3.1	2016	6	6/1/2016	136.0205	56.04076	64.53856	6.419712					30.56505684		0	0	0
3.1	2016	7	7/1/2016	288.0869	152.8137	3.958186	0.032726					30.7259143		0	0	0
3.1	2016	8	8/1/2016	340.3806	194.3177	0.461434	0					30.40697038		0	0	0
3.1	2016	9	9/1/2016	265.2918	135.979	7.725472	0.193082					29.03402186		0	0	0
3.1	2016	10	10/1/2016	85.86815	32.25074	123.175	23.35695					29.01270698		0	0	0
3.1	2016	11	11/1/2016	11.3144	2.035	369.0178	143.6837					28.99967699		0	0	0
3.1	2016	12	12/1/2016	1.372302	0.172356	657.5034	372.9727					30.29242683		0	0	0
3.15	2003	1	1/1/2003	0	0	867.3648	567.1055	89253807	2133649.51	519	32.47932961		0	0	0	0
3.15	2003	2	2/1/2003	0	0	1095.889	792.3245	85657139	2148589.675	516	29.48814587		0	0	0	0
3.15	2003	3	3/1/2003	0	0	825.3776	534.6742	87814209	2332547.515	549	29.45071459		0	0	0	0
3.15	2003	4	4/1/2003	15.44658	0	358.0203	141.3428	74955865	2090288.561	525	30.19022203		0	0	0	0
3.15	2003	5	5/1/2003	38.48555	3.174403	162.2545	30.5659	73486430	2042961.064	516	29.56088165		0	0	0	0
3.15	2003	6	6/1/2003	52.32856	12.53398	70.81865	0	71230186	2115771.626	518	30.36839376		0	0	0	0
3.15	2003	7	7/1/2003	220.2774	93.82489	9.425032	0	66954414	2135235.214	509	30.7031523		0	0	0	0
3.15	2003	8	8/1/2003	262.7882	116.733	0	0	69785215	2165129.002	517	28.74418088		0	0	0	0
3.15	2003	9	9/1/2003	251.0724	121.5436	2.454435	0	72962868	2227601.785	512	30.46651059		0	0	0	0
3.15	2003	10	10/1/2003	36.62018	4.221629	150.2769	35.6384	74077646	2233422.309	502	29.39848453		0	0	0	0
3.15	2003	11	11/1/2003	8.639613	0	291.8487	98.63558	77953562	2338365.753	515	29.89930373		0	0	0	0
3.15	2003	12	12/1/2003	0.981774	0	622.3139	345.9772	83776077	2441439.228	533	33.23108853		0	0	0	0
3.15	2004	1	1/1/2004	0.785419	0	852.2127	558.7277	85863580	2414960.048	530	32.51623021		0	0	0	0
3.15	2004	2	2/1/2004	0.261806	0	1020.325	719.7714	85465096	2266639.908	528	29.16604656		0	0	0	0
3.15	2004	3	3/1/2004	2.356258	0	711.1645	418.0067	81301309	2184581.165	523	29.69061444		0	0	0	0
3.15	2004	4	4/1/2004	13.0576	1.472661	457.2122	231.0442	79987020	2275809.515	523	29.92031746		0	0	0	0
3.15	2004	5	5/1/2004	72.52039	21.69721	175.1158	57.13926	72809938	2270440.587	528	28.425989		0	0	0	0
3.15	2004	6	6/1/2004	198.9729	81.61816	14.66116	3.959823	70299843	2096837.888	518	30.76011236		0	0	0	0
3.15	2004	7	7/1/2004	254.3122	126.3216	1.570839	0	63345192	2235316.198	517	30.96621702		0	0	0	0
3.15	2004	8	8/1/2004	251.0069	118.5001	3.239855	0	68427463	2158234.316	517	29.3024783		0	0	0	0
3.15	2004	9	9/1/2004	220.081	94.25032	5.203403	0	67619129	2129954.65	516	30.20500088		0	0	0	0
3.15	2004	10	10/1/2004	65.41889	12.07582	101.4827	9.686839	69814465	2078949.829	512	29.43530066		0	0	0	0
3.15	2004	11	11/1/2004	13.0576	2.65079	245.509	62.44084	71769906	2256432.49	520	29.29673223		0	0	0	0
3.15	2004	12	12/1/2004	1.898097	0.294532	565.0765	288.0198	81530181	2427458.736	515	33.56740246		0	0	0	0
3.15	2005	1	1/1/2005	0	0	772.4272	487.8436	83336282	2346077.133	518	31.36259044		0	0	0	0
3.15	2005	2	2/1/2005	0	0	876.8225	585.5629	81043614	1673906.593	515	29.39728631		0	0	0	0
3.15	2005	3	3/1/2005	0	0	804.0894	499.7394	86878562	2167991.23	521	30.55126956		0	0	0	0
3.15	2005	4	4/1/2005	5.857919	0	468.8135	232.2714	76224559	2220046.813	507	29.99626771		0	0	0	0
3.15	2005	5	5/1/2005	21.56631	3.976185	237.5566	67.10427	74730971	2204252.996	498	29.01905984		0	0	0	0
3.15	2005	6	6/1/2005	125.8798	62.47356	74.28758	9.146863	78286605	2163938.247	518	28.48873196		0	0	0	0
3.15	2005	7	7/1/2005	358.4458	215.1395	0.245444	0	64597478	2008245.489	511	30.62608935		0	0	0	0
3.15	2005	8	8/1/2005	457.3104	305.299	0	0	69035981	2068018.613	522	29.29777369		0	0	0	0
3.15	2005	9	9/1/2005	344.6682	195.2422	0	0	72065965	2142637.334	513	30.93929409		0	0	0	0
3.15	2005	10	10/1/2005	158.7365	59.97004	46.51973	5.710653	71250429	2139095.517	516	29.49929829		0	0	0	0
3.15	2005	11	11/1/2005	9.997734	1.40721	353.8151	143.9445	78932129	2177051.025	506	30.00234791		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.15	2005	12	12/1/2005	1.472661	0	765.0312	488.5472	94027180	2473677.73	506	32.59583811	0	0	0	0	0
3.15	2006	1	1/1/2006	0	0	791.3591	487.7781	86184052	2397053.191	505	32.50933608	0	0	0	0	0
3.15	2006	2	2/1/2006	0	0	715.4352	415.045	88996178	2332247.345	504	29.92859613	0	0	0	0	0
3.15	2006	3	3/1/2006	1.374484	0	758.1588	469.9099	86376988	2170276.83	509	29.01676366	0	0	0	0	0
3.15	2006	4	4/1/2006	16.55926	3.321669	469.2881	244.1672	78944505	2474107.911	499	29.10632886	0	0	0	0	0
3.15	2006	5	5/1/2006	27.8333	5.154315	142.57	19.9791	72626592	2602033.534	497	29.06314439	0	0	0	0	0
3.15	2006	6	6/1/2006	105.3116	39.92548	86.5434	3.861645	73558202	2535346.754	499	30.91848436	0	0	0	0	0
3.15	2006	7	7/1/2006	260.1865	129.1197	2.945323	0	67682053	2614099.531	505	30.56557062	0	0	0	0	0
3.15	2006	8	8/1/2006	410.1525	260.3829	0	0	70214240	2560804.582	510	29.18789752	0	0	0	0	0
3.15	2006	9	9/1/2006	260.7756	142.7336	11.27404	0.916323	75348482	2564944.332	508	31.28174272	0	0	0	0	0
3.15	2006	10	10/1/2006	36.76744	3.927097	154.5313	37.9783	74890989	2650264.951	511	29.41767574	0	0	0	0	0
3.15	2006	11	11/1/2006	2.53625	0.523613	459.683	209.2161	81432231	2719048.051	507	30.03942812	0	0	0	0	0
3.15	2006	12	12/1/2006	2.65079	0	611.3508	329.9252	86496578	2923814.534	503	32.74668523	0	0	0	0	0
3.15	2007	1	1/1/2007	0.294532	0	651.1454	354.0605	82579153	2899217.889	500	32.43264674	0	0	0	0	0
3.15	2007	2	2/1/2007	0	0	1012.144	712.2772	87263813	2855965.38	493	29.27994576	0	0	0	0	0
3.15	2007	3	3/1/2007	2.258081	0.081815	890.191	601.1894	81763478	2798043.84	497	29.33133832	0	0	0	0	0
3.15	2007	4	4/1/2007	29.4205	2.994411	392.9551	207.8252	76607403	2602595.895	488	30.47752339	0	0	0	0	0
3.15	2007	5	5/1/2007	51.0359	8.361444	211.4251	78.36194	70193314	2330126.558	484	29.92621595	0	0	0	0	0
3.15	2007	6	6/1/2007	180.4337	70.42594	40.92362	3.223492	67167863	2414915.285	481	30.44971903	0	0	0	0	0
3.15	2007	7	7/1/2007	293.4687	147.6588	0	0	62392397	2129478.105	491	29.96381572	0	0	0	0	0
3.15	2007	8	8/1/2007	344.0464	199.6438	0	0	65648050	2458499.822	490	29.61586534	0	0	0	0	0
3.15	2007	9	9/1/2007	379.4557	237.2457	5.727016	0	68700744	2479651.13	485	30.83223781	0	0	0	0	0
3.15	2007	10	10/1/2007	176.3103	86.52703	48.31965	6.59425	67941933	2321095.472	480	29.47060317	0	0	0	0	0
3.15	2007	11	11/1/2007	29.89502	11.91219	332.0851	128.7597	72709044	2496260.769	476	30.88824191	0	0	0	0	0
3.15	2007	12	12/1/2007	0	0	649.7709	366.3981	79162714	2939396.303	471	31.92092725	0	0	0	0	0
3.15	2008	1	1/1/2008	0	0	790.5409	497.9886	84478260	2574918.216	473	32.78801844	0	0	0	0	0
3.15	2008	2	2/1/2008	0	0	901.6778	607.8164	82790927	2585169.508	475	29.05013955	0	0	0	0	0
3.15	2008	3	3/1/2008	0	0	816.0671	519.7349	78877911	2591493.368	469	29.53445086	0	0	0	0	0
3.15	2008	4	4/1/2008	1.439935	0.065452	494.8633	234.235	77236954	2575115.206	462	30.06878072	0	0	0	0	0
3.15	2008	5	5/1/2008	18.76825	2.225355	219.9992	52.01767	72809839	2463646.632	461	29.95926013	0	0	0	0	0
3.15	2008	6	6/1/2008	111.5786	54.12848	97.01565	3.567113	71882602	2550127.15	460	30.4967491	0	0	0	0	0
3.15	2008	7	7/1/2008	232.4187	105.9825	0.867234	0	64955984	2593166.561	466	30.56879058	0	0	0	0	0
3.15	2008	8	8/1/2008	281.3765	136.5812	0	0	70064873	2485895.406	460	28.93534996	0	0	0	0	0
3.15	2008	9	9/1/2008	261.0538	123.0818	0	0	71070385	2490442.012	464	30.41088492	0	0	0	0	0
3.15	2008	10	10/1/2008	101.63	32.85671	62.24448	8.639613	71362114	2898227.94	469	29.71234289	0	0	0	0	0
3.15	2008	11	11/1/2008	6.561524	0.310895	409.3998	169.487	78624005	2554898.843	467	29.52230471	0	0	0	0	0
3.15	2008	12	12/1/2008	0	0	851.82	551.3808	85849087	2957910.375	468	32.41898669	0	0	0	0	0
3.15	2009	1	1/1/2009	0	0	901.4978	601.5658	87353964	2839640.703	461	33.40314202	0	0	0	0	0
3.15	2009	2	2/1/2009	0	0	1032.336	731.2745	86210723	2973919.347	468	29.84468349	0	0	0	0	0
3.15	2009	3	3/1/2009	4.156177	0	746.6884	472.1025	83784097	2865577.945	467	29.06563462	0	0	0	0	0
3.15	2009	4	4/1/2009	3.15804	0.229081	453.9888	182.25	76788897	2705029.74	457	30.71508904	0	0	0	0	0
3.15	2009	5	5/1/2009	60.51002	18.44099	207.7761	47.1088	67672951	2580749.259	455	30.10164548	0	0	0	0	0
3.15	2009	6	6/1/2009	121.7564	39.35278	57.48288	4.56525	64626005	2604962.827	459	30.11969432	0	0	0	0	0
3.15	2009	7	7/1/2009	209.9851	83.20536	2.781694	0	57680827	2572811.864	452	30.78164024	0	0	0	0	0
3.15	2009	8	8/1/2009	216.563	84.56348	1.40721	0	61556316	2429760.369	452	29.83706656	0	0	0	0	0
3.15	2009	9	9/1/2009	207.0889	83.12355	1.276306	0	65844716	2577899.237	470	30.12303579	0	0	0	0	0
3.15	2009	10	10/1/2009	73.97669	16.73925	157.722	32.97125	65276400	2408350.659	441	29.68632786	0	0	0	0	0
3.15	2009	11	11/1/2009	3.0435	0	399.5166	131.2959	68626784	2377452.208	445	29.51475761	0	0	0	0	0
3.15	2009	12	12/1/2009	0.196355	0	640.3131	344.6518	74296567	2469023.654	439	33.32768163	0	0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.15	2010	1	1/1/2010	0	0	1014.713	710.3954	75410535	2651009.607	448	32.3203841		0	0	0	0
3.15	2010	2	2/1/2010	0	0	1014.811	710.4609	77803356	2867155.681	441	29.21533319		0	0	0	0
3.15	2010	3	3/1/2010	0	0	883.6622	582.1266	75135194	2655396.821	447	28.9371644		0	0	0	0
3.15	2010	4	4/1/2010	24.26619	7.330581	368.2308	135.6485	72840324	2521733.003	447	31.02794358		0	0	0	0
3.15	2010	5	5/1/2010	38.1092	7.1015	165.1671	35.24569	78230809	2701433.641	447	29.56154747		0	0	0	0
3.15	2010	6	6/1/2010	185.6862	77.88742	26.377	5.710653	67705404	2573031.394	449	30.50746332		0	0	0	0
3.15	2010	7	7/1/2010	334.1959	189.8097	0	0	60183129	2944664.33	452	30.61433496		0	0	0	0
3.15	2010	8	8/1/2010	389.928	238.6529	0	0	61300364	3045000.73	449	29.75543761		0	0	0	0
3.15	2010	9	9/1/2010	275.6167	143.4372	3.0435	0	63016528	2814120.095	442	30.21293328		0	0	0	0
3.15	2010	10	10/1/2010	103.4954	42.87081	99.27373	11.24131	66028757	3028477.62	441	29.99072176		0	0	0	0
3.15	2010	11	11/1/2010	9.981371	0	339.3666	119.9237	70193294	2753140.454	445	29.43659814		0	0	0	0
3.15	2010	12	12/1/2010	0	0	783.9467	488.1054	80290263	3738035.676	431	33.09494067		0	0	0	0
3.15	2011	1	1/1/2011	0	0	1080.835	776.4852	79578861	3594139.353	449	32.55372918		0	0	0	0
3.15	2011	2	2/1/2011	0	0	1011.227	708.5792	77701402	3358885.546	443	29.50522491		0	0	0	0
3.15	2011	3	3/1/2011	1.587202	0.196355	656.5942	368.1817	74079666	3150750.033	448	29.45827667		0	0	0	0
3.15	2011	4	4/1/2011	15.29931	1.685379	465.8191	236.6403	72004422	3185578.71	447	30.21933711		0	0	0	0
3.15	2011	5	5/1/2011	45.94703	8.917782	194.4895	45.88158	67509382	3061960.301	448	30.07509161		0	0	0	0
3.15	2011	6	6/1/2011	172.0559	74.66393	67.67697	14.7757	70351692	3295025.716	446	30.71527806		0	0	0	0
3.15	2011	7	7/1/2011	268.7607	134.9449	1.734468	0	64612394	2983218.805	436	30.64885624		0	0	0	0
3.15	2011	8	8/1/2011	397.7658	245.7217	0	0	64172617	2979626.231	442	29.30918252		0	0	0	0
3.15	2011	9	9/1/2011	237.8512	114.6549	14.9066	0.163629	67077540	2931500.416	441	30.61715099		0	0	0	0
3.15	2011	10	10/1/2011	42.41265	14.80843	132.8995	28.81507	62084520	2787115.901	438	29.91052978		0	0	0	0
3.15	2011	11	11/1/2011	0.981774	0	381.8447	144.1899	72512641	3068625.27	437	29.95484566		0	0	0	0
3.15	2011	12	12/1/2011	1.472661	0	542.3321	263.2791	77215444	3142837.683	431	32.638785		0	0	0	0
3.15	2012	1	1/1/2012	0	0	754.8535	454.2342	76285184	3226614.432	425	32.36024073		0	0	0	0
3.15	2012	2	2/1/2012	0	0	775.5198	472.9043	74824912	3157448.92	414	29.9387173		0	0	0	0
3.15	2012	3	3/1/2012	8.786879	1.489024	608.3891	339.4975	68120260	2938931.826	421	29.47091879		0	0	0	0
3.15	2012	4	4/1/2012	36.62018	6.430621	238.293	71.4568	61750744	2825107.762	416	30.18041039		0	0	0	0
3.15	2012	5	5/1/2012	53.24489	11.33949	203.9309	48.48328	56628531	2506440.766	419	29.915981		0	0	0	0
3.15	2012	6	6/1/2012	157.4929	63.84805	25.82066	0.245444	55235092	2576042.484	414	30.85931134		0	0	0	0
3.15	2012	7	7/1/2012	352.5715	214.2395	1.685379	0	45576968	2251507.099	413	30.35175128		0	0	0	0
3.15	2012	8	8/1/2012	346.8445	199.562	0	0	47713819	3661040.82	409	29.67778749		0	0	0	0
3.15	2012	9	9/1/2012	244.5109	119.6292	6.676065	0.589065	50265612	851543.45	405	30.56735347		0	0	0	0
3.15	2012	10	10/1/2012	58.841	17.31195	161.9109	39.15643	47979022	2330975.85	405	29.71588088		0	0	0	0
3.15	2012	11	11/1/2012	7.559661	0	441.7984	203.44	51541977	2214985.58	401	30.52867229		0	0	0	0
3.15	2012	12	12/1/2012	0	0	624.7193	332.1342	57038604	2400796.152	397	31.92361405		0	0	0	0
3.15	2013	1	1/1/2013	0	0	806.0203	510.3262	58186004	2403729.161	409	32.54697818		0	0	0	0
3.15	2013	2	2/1/2013	0	0	890.0601	598.3259	60175755	2422062.455	397	29.55548552		0	0	0	0
3.15	2013	3	3/1/2013	1.736649	0.207263	739.5956	451.494				29.45071459		0	0	0	0
3.15	2013	4	4/1/2013	14.05846	2.888598	462.45	221.7479				30.19022203		0	0	0	0
3.15	2013	5	5/1/2013	44.24747	11.52276	211.6018	56.73237				29.56088165		0	0	0	0
3.15	2013	6	6/1/2013	136.0205	56.04076	64.53856	6.419712				30.36839376		0	0	0	0
3.15	2013	7	7/1/2013	288.0869	152.8137	3.958186	0.032726				30.57902183		0	0	0	0
3.15	2013	8	8/1/2013	340.3806	194.3177	0.461434	0				29.36630199		0	0	0	0
3.15	2013	9	9/1/2013	265.2918	135.979	7.725472	0.193082				30.56561445		0	0	0	0
3.15	2013	10	10/1/2013	85.86815	32.25074	123.175	23.35695				29.62371656		0	0	0	0
3.15	2013	11	11/1/2013	11.3144	2.035	369.0178	143.6837				29.90832323		0	0	0	0
3.15	2013	12	12/1/2013	1.372302	0.172356	657.5034	372.9727				32.74659496		0	0	0	0
3.15	2014	1	1/1/2014	0.271624	0	875.3608	578.5655				32.47932961		0	0	0	0

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revcls	YEAR	MONTH	time	bccd65	bccd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
3.15	2014	2	2/1/2014	0.045816	0	916.1519	617.824				29.48814587		0	0	0	0
3.15	2014	3	3/1/2014	1.736649	0.207263	739.5956	451.494				29.45071459		0	0	0	0
3.15	2014	4	4/1/2014	14.05846	2.888598	462.45	221.7479				30.19022203		0	0	0	0
3.15	2014	5	5/1/2014	44.24747	11.52276	211.6018	56.73237				29.56088165		0	0	0	0
3.15	2014	6	6/1/2014	136.0205	56.04076	64.53856	6.419712				30.36839376		0	0	0	0
3.15	2014	7	7/1/2014	288.0869	152.8137	3.958186	0.032726				30.57902183		0	0	0	0
3.15	2014	8	8/1/2014	340.3806	194.3177	0.461434	0				29.36630199		0	0	0	0
3.15	2014	9	9/1/2014	265.2918	135.979	7.725472	0.193082				30.56561445		0	0	0	0
3.15	2014	10	10/1/2014	85.86815	32.25074	123.175	23.35695				29.62371656		0	0	0	0
3.15	2014	11	11/1/2014	11.3144	2.035	369.0178	143.6837				29.90832323		0	0	0	0
3.15	2014	12	12/1/2014	1.372302	0.172356	657.5034	372.9727				32.74659496		0	0	0	0
3.15	2015	1	1/1/2015	0.271624	0	875.3608	578.5655				32.47932961		0	0	0	0
3.15	2015	2	2/1/2015	0.045816	0	916.1519	617.824				29.48814587		0	0	0	0
3.15	2015	3	3/1/2015	1.736649	0.207263	739.5956	451.494				29.45071459		0	0	0	0
3.15	2015	4	4/1/2015	14.05846	2.888598	462.45	221.7479				30.19022203		0	0	0	0
3.15	2015	5	5/1/2015	44.24747	11.52276	211.6018	56.73237				29.56088165		0	0	0	0
3.15	2015	6	6/1/2015	136.0205	56.04076	64.53856	6.419712				30.36839376		0	0	0	0
3.15	2015	7	7/1/2015	288.0869	152.8137	3.958186	0.032726				30.57902183		0	0	0	0
3.15	2015	8	8/1/2015	340.3806	194.3177	0.461434	0				29.36630199		0	0	0	0
3.15	2015	9	9/1/2015	265.2918	135.979	7.725472	0.193082				30.56561445		0	0	0	0
3.15	2015	10	10/1/2015	85.86815	32.25074	123.175	23.35695				29.62371656		0	0	0	0
3.15	2015	11	11/1/2015	11.3144	2.035	369.0178	143.6837				29.90832323		0	0	0	0
3.15	2015	12	12/1/2015	1.372302	0.172356	657.5034	372.9727				32.74659496		0	0	0	0
3.15	2016	1	1/1/2016	0.271624	0	875.3608	578.5655				32.47932961		0	0	0	0
3.15	2016	2	2/1/2016	0.045816	0	916.1519	617.824				29.48814587		0	0	0	0
3.15	2016	3	3/1/2016	1.736649	0.207263	739.5956	451.494				29.45071459		0	0	0	0
3.15	2016	4	4/1/2016	14.05846	2.888598	462.45	221.7479				30.19022203		0	0	0	0
3.15	2016	5	5/1/2016	44.24747	11.52276	211.6018	56.73237				29.56088165		0	0	0	0
3.15	2016	6	6/1/2016	136.0205	56.04076	64.53856	6.419712				30.36839376		0	0	0	0
3.15	2016	7	7/1/2016	288.0869	152.8137	3.958186	0.032726				30.57902183		0	0	0	0
3.15	2016	8	8/1/2016	340.3806	194.3177	0.461434	0				29.36630199		0	0	0	0
3.15	2016	9	9/1/2016	265.2918	135.979	7.725472	0.193082				30.56561445		0	0	0	0
3.15	2016	10	10/1/2016	85.86815	32.25074	123.175	23.35695				29.62371656		0	0	0	0
3.15	2016	11	11/1/2016	11.3144	2.035	369.0178	143.6837				29.90832323		0	0	0	0
3.15	2016	12	12/1/2016	1.372302	0.172356	657.5034	372.9727				32.74659496		0	0	0	0
4	2003	1	1/1/2003	0	0	867.3648	567.1055	1171230	62060.06	451	31.31838185		0	0	0	0
4	2003	2	2/1/2003	0	0	1095.889	792.3245	991122	67840.44532	454	28.99217618		0	0	0	0
4	2003	3	3/1/2003	0	0	825.3776	534.6742	978688	69122.72797	455	31.47371341		0	0	0	0
4	2003	4	4/1/2003	15.44658	0	358.0203	141.3428	867148	69060.3166	447	29.74333991		0	0	0	0
4	2003	5	5/1/2003	38.48555	3.174403	162.2545	30.5659	798937	68802.00948	447	30.2227592		0	0	0	0
4	2003	6	6/1/2003	52.32856	12.53398	70.81865	0	742143	72356.07519	446	30.29346158		0	0	0	0
4	2003	7	7/1/2003	220.2774	93.82489	9.425032	0	764746	73423.52936	446	31.01139469		0	0	0	0
4	2003	8	8/1/2003	262.7882	116.733	0	0	825765	73068.42869	447	30.42665468		0	0	0	0
4	2003	9	9/1/2003	251.0724	121.5436	2.454435	0	902695	72114.33154	445	30.0723287		0	0	0	0
4	2003	10	10/1/2003	36.62018	4.221629	150.2769	35.6384	1009775	70992.01752	445	30.76597567		0	0	0	0
4	2003	11	11/1/2003	8.639613	0	291.8487	98.63558	1049780	71472.00445	445	29.9856728		0	0	0	0
4	2003	12	12/1/2003	0.981774	0	622.3139	345.9772	1122778	70567.74562	444	31.16965195		0	0	0	0
4	2004	1	1/1/2004	0.785419	0	852.2127	558.7277	1185525	74441.72549	443	31.61935952		0	0	0	0
4	2004	2	2/1/2004	0.261806	0	1020.325	719.7714	978205	68509.79837	442	29.19712971		0	0	0	0

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revcls	YEAR	MONTH	time	bccd65	bccd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
4	2004	3	3/1/2004	2.356258	0	711.1645	418.0067	969434	68814.17188	441	30.46747435		0	0	0	0
4	2004	4	4/1/2004	13.0576	1.472661	457.2122	231.0442	865909	72230.84825	439	30.22895913		0	0	0	0
4	2004	5	5/1/2004	72.52039	21.69721	175.1158	57.13926	757310	73215.20963	439	30.49615937		0	0	0	0
4	2004	6	6/1/2004	198.9729	81.61816	14.66116	3.959823	724943	74943.46964	439	30.26297448		0	0	0	0
4	2004	7	7/1/2004	254.3122	126.3216	1.570839	0	746664	74972.19476	442	30.99328234		0	0	0	0
4	2004	8	8/1/2004	251.0069	118.5001	3.239855	0	809509	72334.4054	444	30.52103318		0	0	0	0
4	2004	9	9/1/2004	220.081	94.25032	5.203403	0	885947	70935.45006	444	30.09975313		0	0	0	0
4	2004	10	10/1/2004	65.41889	12.07582	101.4827	9.686839	996735	69144.02158	444	30.74244419		0	0	0	0
4	2004	11	11/1/2004	13.0576	2.65079	245.509	62.44084	1051727	71415.34461	444	29.88480883		0	0	0	0
4	2004	12	12/1/2004	1.898097	0.294532	565.0765	288.0198	1157776	71260.23775	442	31.37339552		0	0	0	0
4	2005	1	1/1/2005	0	0	772.4272	487.8436	1145090	71640.13365	445	31.43818485		0	0	0	0
4	2005	2	2/1/2005	0	0	876.8225	585.5629	966727	60302.84802	441	28.43899336		0	0	0	0
4	2005	3	3/1/2005	0	0	804.0894	499.7394	955970	67297.46912	445	30.72201351		0	0	0	0
4	2005	4	4/1/2005	5.857919	0	468.8135	232.2714	793649	69429.10012	451	30.09219331		0	0	0	0
4	2005	5	5/1/2005	21.56631	3.976185	237.5566	67.10427	685653	69066.52866	443	30.58775404		0	0	0	0
4	2005	6	6/1/2005	125.8798	62.47356	74.28758	9.146863	616908	68604.56026	444	30.39251804		0	0	0	0
4	2005	7	7/1/2005	358.4458	215.1395	0.245444	0	637749	68059.6531	445	30.81334187		0	0	0	0
4	2005	8	8/1/2005	457.3104	305.299	0	0	715222	67938.41207	385	30.79657108		0	0	0	0
4	2005	9	9/1/2005	344.6682	195.2422	0	0	694084	60536.24971	381	30.09381907		0	0	0	0
4	2005	10	10/1/2005	158.7365	59.97004	46.51973	5.710653	801159	58930.56114	381	30.76237689		0	0	0	0
4	2005	11	11/1/2005	9.997734	1.40721	353.8151	143.9445	1108078	76166.98669	386	30.00515452		0	0	0	0
4	2005	12	12/1/2005	1.472661	0	765.0312	488.5472	1026580	64424.74284	382	31.1639429		0	0	0	0
4	2006	1	1/1/2006	0	0	791.3591	487.7781	1024727	65636.03987	380	31.46969106		0	0	0	0
4	2006	2	2/1/2006	0	0	715.4352	415.045	888697	66517.62204	381	28.39495927		0	0	0	0
4	2006	3	3/1/2006	1.374484	0	758.1588	469.9099	858144	61919.28217	383	30.63370507		0	0	0	0
4	2006	4	4/1/2006	16.55926	3.321669	469.2881	244.1672	742075	78831.2357	381	29.74893815		0	0	0	0
4	2006	5	5/1/2006	27.8333	5.154315	142.57	19.9791	659439	80203.04473	379	30.85319535		0	0	0	0
4	2006	6	6/1/2006	105.3116	39.92548	86.5434	3.861645	609885	83258.85763	380	30.26579056		0	0	0	0
4	2006	7	7/1/2006	260.1865	129.1197	2.945323	0	635988	83823.97429	381	30.95578444		0	0	0	0
4	2006	8	8/1/2006	410.1525	260.3829	0	0	711119	81842.19295	381	30.68295524		0	0	0	0
4	2006	9	9/1/2006	260.7756	142.7336	11.27404	0.916323	784628	80008.72	379	30.08968432		0	0	0	0
4	2006	10	10/1/2006	36.76744	3.927097	154.5313	37.9783	909381	80185.83	379	30.81566233		0	0	0	0
4	2006	11	11/1/2006	2.53625	0.523613	459.683	209.2161	953147	78359.32	380	29.90275777		0	0	0	0
4	2006	12	12/1/2006	2.65079	0	611.3508	329.9252	1039977	79388.24	380	30.99287874		0	0	0	0
4	2007	1	1/1/2007	0.294532	0	651.1454	354.0605	1039065	78975.74	378	31.28988797		0	0	0	0
4	2007	2	2/1/2007	0	0	1012.144	712.2772	883288	80247.59	376	28.31837854		0	0	0	0
4	2007	3	3/1/2007	2.258081	0.081815	890.191	601.1894	869098	79973.96	376	30.71104325		0	0	0	0
4	2007	4	4/1/2007	29.4205	2.994411	392.9551	207.8252	751038	81228.11	374	30.13104101		0	0	0	0
4	2007	5	5/1/2007	51.0359	8.361444	211.4251	78.36194	676558	81474.5	374	29.21357826		0	0	0	0
4	2007	6	6/1/2007	180.4337	70.42594	40.92362	3.223492	563168	75590.59	373	29.44078808		0	0	0	0
4	2007	7	7/1/2007	293.4687	147.6588	0	0	529233	60874.73	372	30.45980938		0	0	0	0
4	2007	8	8/1/2007	344.0464	199.6438	0	0	457458	50946.9	365	30.57461141		0	0	0	0
4	2007	9	9/1/2007	379.4557	237.2457	5.727016	0	1269346	141010.16	388	30.49225463		0	0	0	0
4	2007	10	10/1/2007	176.3103	86.52703	48.31965	6.59425	976250	85744.48	377	30.07159128		0	0	0	0
4	2007	11	11/1/2007	29.89502	11.91219	332.0851	128.7597	911564	73937.06	374	31.26916309		0	0	0	0
4	2007	12	12/1/2007	0	0	649.7709	366.3981	1089287	88517.83	373	31.34006539		0	0	0	0
4	2008	1	1/1/2008	0	0	790.5409	497.9886	1099924	80789.73	380	31.88563862		0	0	0	0
4	2008	2	2/1/2008	0	0	901.6778	607.8164	939135	82096.47	379	29.3140569		0	0	0	0
4	2008	3	3/1/2008	0	0	816.0671	519.7349	897117	82091.44	376	30.19912861		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
4	2008	4	4/1/2008	1.439935	0.065452	494.8633	234.235	815643	88526.73	383	30.47598908		0	0	0	0
4	2008	5	5/1/2008	18.76825	2.225355	219.9992	52.01767	645346	78667.29	374	30.12411562		0	0	0	0
4	2008	6	6/1/2008	111.5786	54.12848	97.01565	3.567113	575093	79385.37	373	29.89861301		0	0	0	0
4	2008	7	7/1/2008	232.4187	105.9825	0.867234	0	743510	102611.76	386	31.00513206		0	0	0	0
4	2008	8	8/1/2008	281.3765	136.5812	0	0	771268	91663.57	380	29.66357631		0	0	0	0
4	2008	9	9/1/2008	261.0538	123.0818	0	0	740769	75587.76	376	30.40060978		0	0	0	0
4	2008	10	10/1/2008	101.63	32.85671	62.24448	8.639613	985844	89323.46	379	29.82066747		0	0	0	0
4	2008	11	11/1/2008	6.561524	0.310895	409.3998	169.487	837552	69634.23	373	29.70439403		0	0	0	0
4	2008	12	12/1/2008	0	0	851.82	551.3808	1243510	94504.34	384	33.18816197		0	0	0	0
4	2009	1	1/1/2009	0	0	901.4978	601.5658	973879	72543.64	375	30.99759733		0	0	0	0
4	2009	2	2/1/2009	0	0	1032.336	731.2745	918535	85686.36	376	30.60098155		0	0	0	0
4	2009	3	3/1/2009	4.156177	0	746.6884	472.1025	986969	91218.85	380	29.79033112		0	0	0	0
4	2009	4	4/1/2009	3.15804	0.229081	453.9888	182.25	742340	81928.15	373	30.90888828		0	0	0	0
4	2009	5	5/1/2009	60.51002	18.44099	207.7761	47.1088	657944	82207.66	372	30.06944996		0	0	0	0
4	2009	6	6/1/2009	121.7564	39.35278	57.48288	4.56525	686851	93813.48	373	30.09764756		0	0	0	0
4	2009	7	7/1/2009	209.9851	83.20536	2.781694	0	620245	85074.26	370	31.3129975		0	0	0	0
4	2009	8	8/1/2009	216.563	84.56348	1.40721	0	677799	79456.4	369	29.90747189		0	0	0	0
4	2009	9	9/1/2009	207.0889	83.12355	1.276306	0	914641	100241.6	379	30.0227771		0	0	0	0
4	2009	10	10/1/2009	73.97669	16.73925	157.722	32.97125	974257	86387.63	375	30.6453721		0	0	0	0
4	2009	11	11/1/2009	3.0435	0	399.5166	131.2959	995481	81199.21	366	29.56520271		0	0	0	0
4	2009	12	12/1/2009	0.196355	0	640.3131	344.6518	1089040	79218.72	366	33.17911635		0	0	0	0
4	2010	1	1/1/2010	0	0	1014.713	710.3954	901763	68773.83	362	30.90163747		0	0	0	0
4	2010	2	2/1/2010	0	0	1014.811	710.4609	1100198	102385.92	367	28.8601716		0	0	0	0
4	2010	3	3/1/2010	0	0	883.6622	582.1266	904182	83981	363	31.00084054		0	0	0	0
4	2010	4	4/1/2010	24.26619	7.330581	368.2308	135.6485	782064	86078.25	369	30.15651634		0	0	0	0
4	2010	5	5/1/2010	38.1092	7.1015	165.1671	35.24569	706019	82202.83	372	29.50392452		0	0	0	0
4	2010	6	6/1/2010	185.6862	77.88742	26.377	5.710653	516420	75224.27	388	31.3822179		0	0	0	0
4	2010	7	7/1/2010	334.1959	189.8097	0	0	861115	143731.23	406	30.42439462		0	0	0	0
4	2010	8	8/1/2010	389.928	238.6529	0	0	742461	111802.03	412	29.98068196		0	0	0	0
4	2010	9	9/1/2010	275.6167	143.4372	3.0435	0	786798	101822.67	411	30.96833774		0	0	0	0
4	2010	10	10/1/2010	103.4954	42.87081	99.27373	11.24131	940673	105819.79	414	29.58446462		0	0	0	0
4	2010	11	11/1/2010	9.981371	0	339.3666	119.9237	1027887	107471.7	417	29.73014262		0	0	0	0
4	2010	12	12/1/2010	0	0	783.9467	488.1054	1044871	101997.94	410	32.96648388		0	0	0	0
4	2011	1	1/1/2011	0	0	1080.835	776.4852	993127	95901.08	407	30.64232262		0	0	0	0
4	2011	2	2/1/2011	0	0	1011.227	708.5792	761295	88260.74	402	29.29849658		0	0	0	0
4	2011	3	3/1/2011	1.587202	0.196355	656.5942	368.1817	1035107	117652.33	411	39.19228291		0	0	0	0
4	2011	4	4/1/2011	15.29931	1.685379	465.8191	236.6403	1019921	135366.27	434	25.77048099		0	0	0	0
4	2011	5	5/1/2011	45.94703	8.917782	194.4895	45.88158	709717	112058.49	413	30.27271834		0	0	0	0
4	2011	6	6/1/2011	172.0559	74.66393	67.67697	14.7757	657682	118915.32	412	30.92649824		0	0	0	0
4	2011	7	7/1/2011	268.7607	134.9449	1.734468	0	631615	107284.36	411	30.55328798		0	0	0	0
4	2011	8	8/1/2011	397.7658	245.7217	0	0	708430	104323.6	407	30.13435853		0	0	0	0
4	2011	9	9/1/2011	237.8512	114.6549	14.9066	0.163629	854288	111221.08	407	30.7502427		0	0	0	0
4	2011	10	10/1/2011	42.41265	14.80843	132.8995	28.81507	1073815	118176.44	420	31.73076835		0	0	0	0
4	2011	11	11/1/2011	0.981774	0	381.8447	144.1899	1026425	104369.41	407	30.08368801		0	0	0	0
4	2011	12	12/1/2011	1.472661	0	542.3321	263.2791	1119114	104578.21	405	31.13880231		0	0	0	0
4	2012	1	1/1/2012	0	0	754.8535	454.2342	1112174	106535	405	31.48048013		0	0	0	0
4	2012	2	2/1/2012	0	0	775.5198	472.9043	946441	108128.62	404	29.17062902		0	0	0	0
4	2012	3	3/1/2012	8.786879	1.489024	608.3891	339.4975	931483	104332.02	404	30.54660138		0	0	0	0
4	2012	4	4/1/2012	36.62018	6.430621	238.293	71.4568	799841	107805.97	402	30.17705287		0	0	0	0

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revcls	YEAR	MONTH	time	bccd65	bccd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
4	2012	5	5/1/2012	53.24489	11.33949	203.9309	48.48328	717805	105741.13	401	30.88393735		0	0	0	0
4	2012	6	6/1/2012	157.4929	63.84805	25.82066	0.245444	651383	108350.52	401	29.97410632		0	0	0	0
4	2012	7	7/1/2012	352.5715	214.2395	1.685379	0	686310	103433.53	399	31.2442684		0	0	0	0
4	2012	8	8/1/2012	346.8445	199.562	0	0	746731	104412.72	399	30.56853938		0	0	0	0
4	2012	9	9/1/2012	244.5109	119.6292	6.676065	0.589065	836800	105744.48	398	29.97552049		0	0	0	0
4	2012	10	10/1/2012	58.841	17.31195	161.9109	39.15643	962150	102086.25	399	30.98500483		0	0	0	0
4	2012	11	11/1/2012	7.559661	0	441.7984	203.44	1018817	99289.56	399	29.93545777		0	0	0	0
4	2012	12	12/1/2012	0	0	624.7193	332.1342	1114766	99018.22	395	31.20637635		0	0	0	0
4	2013	1	1/1/2013	0	0	806.0203	510.3262	1121564	100895.24	393	31.45901889		0	0	0	0
4	2013	2	2/1/2013	0	0	890.0601	598.3259	949539	104540.65	392	28.32796526		0	0	0	0
4	2013	3	3/1/2013	1.736649	0.207263	739.5956	451.494				31.47371341		0	0	0	0
4	2013	4	4/1/2013	14.05846	2.888598	462.45	221.7479				29.74333991		0	0	0	0
4	2013	5	5/1/2013	44.24747	11.52276	211.6018	56.73237				30.2227592		0	0	0	0
4	2013	6	6/1/2013	136.0205	56.04076	64.53856	6.419712				30.29346158		0	0	0	0
4	2013	7	7/1/2013	288.0869	152.8137	3.958186	0.032726				30.87736933		0	0	0	0
4	2013	8	8/1/2013	340.3806	194.3177	0.461434	0				30.32564537		0	0	0	0
4	2013	9	9/1/2013	265.2918	135.979	7.725472	0.193082				30.29653277		0	0	0	0
4	2013	10	10/1/2013	85.86815	32.25074	123.175	23.35695				30.59243277		0	0	0	0
4	2013	11	11/1/2013	11.3144	2.035	369.0178	143.6837				30.00664421		0	0	0	0
4	2013	12	12/1/2013	1.372302	0.172356	657.5034	372.9727				31.77188754		0	0	0	0
4	2014	1	1/1/2014	0.271624	0	875.3608	578.5655				31.31838185		0	0	0	0
4	2014	2	2/1/2014	0.045816	0	916.1519	617.824				28.99217618		0	0	0	0
4	2014	3	3/1/2014	1.736649	0.207263	739.5956	451.494				31.47371341		0	0	0	0
4	2014	4	4/1/2014	14.05846	2.888598	462.45	221.7479				29.74333991		0	0	0	0
4	2014	5	5/1/2014	44.24747	11.52276	211.6018	56.73237				30.2227592		0	0	0	0
4	2014	6	6/1/2014	136.0205	56.04076	64.53856	6.419712				30.29346158		0	0	0	0
4	2014	7	7/1/2014	288.0869	152.8137	3.958186	0.032726				30.87736933		0	0	0	0
4	2014	8	8/1/2014	340.3806	194.3177	0.461434	0				30.32564537		0	0	0	0
4	2014	9	9/1/2014	265.2918	135.979	7.725472	0.193082				30.29653277		0	0	0	0
4	2014	10	10/1/2014	85.86815	32.25074	123.175	23.35695				30.59243277		0	0	0	0
4	2014	11	11/1/2014	11.3144	2.035	369.0178	143.6837				30.00664421		0	0	0	0
4	2014	12	12/1/2014	1.372302	0.172356	657.5034	372.9727				31.77188754		0	0	0	0
4	2015	1	1/1/2015	0.271624	0	875.3608	578.5655				31.31838185		0	0	0	0
4	2015	2	2/1/2015	0.045816	0	916.1519	617.824				28.99217618		0	0	0	0
4	2015	3	3/1/2015	1.736649	0.207263	739.5956	451.494				31.47371341		0	0	0	0
4	2015	4	4/1/2015	14.05846	2.888598	462.45	221.7479				29.74333991		0	0	0	0
4	2015	5	5/1/2015	44.24747	11.52276	211.6018	56.73237				30.2227592		0	0	0	0
4	2015	6	6/1/2015	136.0205	56.04076	64.53856	6.419712				30.29346158		0	0	0	0
4	2015	7	7/1/2015	288.0869	152.8137	3.958186	0.032726				30.87736933		0	0	0	0
4	2015	8	8/1/2015	340.3806	194.3177	0.461434	0				30.32564537		0	0	0	0
4	2015	9	9/1/2015	265.2918	135.979	7.725472	0.193082				30.29653277		0	0	0	0
4	2015	10	10/1/2015	85.86815	32.25074	123.175	23.35695				30.59243277		0	0	0	0
4	2015	11	11/1/2015	11.3144	2.035	369.0178	143.6837				30.00664421		0	0	0	0
4	2015	12	12/1/2015	1.372302	0.172356	657.5034	372.9727				31.77188754		0	0	0	0
4	2016	1	1/1/2016	0.271624	0	875.3608	578.5655				31.31838185		0	0	0	0
4	2016	2	2/1/2016	0.045816	0	916.1519	617.824				28.99217618		0	0	0	0
4	2016	3	3/1/2016	1.736649	0.207263	739.5956	451.494				31.47371341		0	0	0	0
4	2016	4	4/1/2016	14.05846	2.888598	462.45	221.7479				29.74333991		0	0	0	0
4	2016	5	5/1/2016	44.24747	11.52276	211.6018	56.73237				30.2227592		0	0	0	0

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revcls	YEAR	MONTH	time	bcdd65	bcdd70	bhdd65	bhdd55	KWH	BASE	CUST	MET_DAYS	USAGE	ind2	ind3	ind4	ind5
4	2016	6	6/1/2016	136.0205	56.04076	64.53856	6.419712				30.29346158		0	0	0	0
4	2016	7	7/1/2016	288.0869	152.8137	3.958186	0.032726				30.87736933		0	0	0	0
4	2016	8	8/1/2016	340.3806	194.3177	0.461434	0				30.32564537		0	0	0	0
4	2016	9	9/1/2016	265.2918	135.979	7.725472	0.193082				30.29653277		0	0	0	0
4	2016	10	10/1/2016	85.86815	32.25074	123.175	23.35695				30.59243277		0	0	0	0
4	2016	11	11/1/2016	11.3144	2.035	369.0178	143.6837				30.00664421		0	0	0	0
4	2016	12	12/1/2016	1.372302	0.172356	657.5034	372.9727				31.77188754		0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
1	2003	1	1/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	2	2/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	3	3/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	4	4/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	5	5/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	6	6/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	7	7/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	8	8/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	9	9/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	10	10/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	11	11/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2003	12	12/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	1	1/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	2	2/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	3	3/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	4	4/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	5	5/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	6	6/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	7	7/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	8	8/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	9	9/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	10	10/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	11	11/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2004	12	12/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	1	1/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	2	2/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	3	3/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	4	4/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	5	5/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	6	6/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	7	7/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	8	8/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	9	9/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	10	10/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	11	11/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2005	12	12/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	1	1/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	2	2/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	3	3/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	4	4/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	5	5/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	6	6/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	7	7/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	8	8/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	9	9/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	10	10/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	11	11/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2006	12	12/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	1	1/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
1	2007	2	2/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	3	3/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	4	4/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	5	5/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	6	6/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	7	7/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	8	8/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	9	9/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	10	10/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	11	11/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2007	12	12/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	1	1/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	2	2/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	3	3/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	4	4/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	5	5/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	6	6/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	7	7/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	8	8/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	9	9/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	10	10/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	11	11/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2008	12	12/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	1	1/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	2	2/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	3	3/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	4	4/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	5	5/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	6	6/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	7	7/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	8	8/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	9	9/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	10	10/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	11	11/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2009	12	12/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	1	1/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	2	2/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	3	3/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	4	4/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	5	5/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	6	6/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	7	7/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	8	8/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	9	9/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	10	10/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	11	11/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2010	12	12/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	1	1/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	2	2/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
1	2011	3	3/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	4	4/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	5	5/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	6	6/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	7	7/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	8	8/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	9	9/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	10	10/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	11	11/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2011	12	12/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	1	1/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	2	2/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	3	3/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	4	4/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	5	5/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	6	6/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	7	7/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	8	8/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	9	9/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	10	10/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	11	11/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2012	12	12/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	1	1/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	2	2/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	3	3/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	4	4/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	5	5/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	6	6/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	7	7/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	8	8/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	9	9/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	10	10/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	11	11/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2013	12	12/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	1	1/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	2	2/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	3	3/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	4	4/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	5	5/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	6	6/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	7	7/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	8	8/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	9	9/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	10	10/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	11	11/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2014	12	12/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	1	1/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	2	2/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	3	3/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
1	2015	4	4/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	5	5/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	6	6/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	7	7/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	8	8/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	9	9/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	10	10/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	11	11/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2015	12	12/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	1	1/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	2	2/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	3	3/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	4	4/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	5	5/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	6	6/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	7	7/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	8	8/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	9	9/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	10	10/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	11	11/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2016	12	12/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	1	1/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	2	2/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	3	3/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	4	4/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	5	5/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	6	6/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	7	7/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	8	8/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	9	9/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	10	10/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	11	11/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2003	12	12/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	1	1/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	2	2/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	3	3/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	4	4/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	5	5/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	6	6/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	7	7/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	8	8/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	9	9/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	10	10/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	11	11/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2004	12	12/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	1	1/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	2	2/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	3	3/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	4	4/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
2	2005	5	5/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	6	6/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	7	7/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	8	8/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	9	9/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	10	10/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	11	11/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2005	12	12/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	1	1/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	2	2/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	3	3/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	4	4/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	5	5/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	6	6/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	7	7/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	8	8/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	9	9/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	10	10/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	11	11/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2006	12	12/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	1	1/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	2	2/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	3	3/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	4	4/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	5	5/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	6	6/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	7	7/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	8	8/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	9	9/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	10	10/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	11	11/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2007	12	12/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	1	1/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	2	2/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	3	3/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	4	4/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	5	5/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	6	6/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	7	7/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	8	8/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	9	9/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	10	10/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	11	11/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2008	12	12/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	1	1/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	2	2/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	3	3/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	4	4/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	5	5/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
2	2009	6	6/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	7	7/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	8	8/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	9	9/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	10	10/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	11	11/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2009	12	12/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	1	1/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	2	2/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	3	3/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	4	4/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	5	5/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	6	6/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	7	7/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	8	8/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	9	9/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	10	10/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	11	11/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2010	12	12/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	1	1/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	2	2/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	3	3/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	4	4/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	5	5/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	6	6/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	7	7/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	8	8/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	9	9/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	10	10/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	11	11/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2011	12	12/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	1	1/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	2	2/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	3	3/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	4	4/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	5	5/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	6	6/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	7	7/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	8	8/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	9	9/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	10	10/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	11	11/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2012	12	12/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	1	1/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	2	2/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	3	3/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	4	4/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	5	5/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	6	6/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
2	2013	7	7/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	8	8/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	9	9/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	10	10/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	11	11/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2013	12	12/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	1	1/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	2	2/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	3	3/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	4	4/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	5	5/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	6	6/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	7	7/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	8	8/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	9	9/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	10	10/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	11	11/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2014	12	12/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	1	1/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	2	2/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	3	3/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	4	4/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	5	5/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	6	6/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	7	7/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	8	8/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	9	9/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	10	10/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	11	11/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2015	12	12/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	1	1/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	2	2/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	3	3/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	4	4/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	5	5/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	6	6/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	7	7/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	8	8/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	9	9/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	10	10/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	11	11/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2016	12	12/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	1	1/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	2	2/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	3	3/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	4	4/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	5	5/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	6	6/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	7	7/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.1	2003	8	8/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	9	9/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	10	10/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	11	11/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2003	12	12/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	1	1/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	2	2/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	3	3/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	4	4/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	5	5/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	6	6/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	7	7/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	8	8/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	9	9/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	10	10/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	11	11/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2004	12	12/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	1	1/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	2	2/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	3	3/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	4	4/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	5	5/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	6	6/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	7	7/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	8	8/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	9	9/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	10	10/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	11	11/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2005	12	12/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	1	1/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	2	2/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	3	3/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	4	4/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	5	5/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	6	6/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	7	7/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	8	8/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	9	9/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	10	10/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	11	11/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2006	12	12/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	1	1/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	2	2/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	3	3/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	4	4/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	5	5/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	6	6/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	7	7/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	8	8/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.1	2007	9	9/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	10	10/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	11	11/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2007	12	12/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	1	1/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	2	2/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	3	3/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	4	4/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	5	5/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	6	6/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	7	7/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	8	8/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	9	9/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	10	10/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	11	11/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2008	12	12/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	1	1/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	2	2/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	3	3/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	4	4/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	5	5/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	6	6/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	7	7/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	8	8/1/2009	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	9	9/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	10	10/1/2009	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	11	11/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2009	12	12/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	1	1/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	2	2/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	3	3/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	4	4/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	5	5/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	6	6/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	7	7/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	8	8/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	9	9/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	10	10/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	11	11/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2010	12	12/1/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	1	1/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	2	2/1/2011	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	3	3/1/2011	0	-1	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	4	4/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	5	5/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	6	6/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	7	7/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	8	8/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	9	9/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.1	2011	10	10/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	11	11/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2011	12	12/1/2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	1	1/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	2	2/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	3	3/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	4	4/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	5	5/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	6	6/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	7	7/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	8	8/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	9	9/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	10	10/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	11	11/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2012	12	12/1/2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	1	1/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	2	2/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	3	3/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	4	4/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	5	5/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	6	6/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	7	7/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	8	8/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	9	9/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	10	10/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	11	11/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2013	12	12/1/2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	1	1/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	2	2/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	3	3/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	4	4/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	5	5/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	6	6/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	7	7/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	8	8/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	9	9/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	10	10/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	11	11/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2014	12	12/1/2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	1	1/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	2	2/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	3	3/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	4	4/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	5	5/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	6	6/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	7	7/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	8	8/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	9	9/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	10	10/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.1	2015	11	11/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2015	12	12/1/2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	1	1/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	2	2/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	3	3/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	4	4/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	5	5/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	6	6/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	7	7/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	8	8/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	9	9/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	10	10/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	11	11/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.1	2016	12	12/1/2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	1	1/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	2	2/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	3	3/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	4	4/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	5	5/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	6	6/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	7	7/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	8	8/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	9	9/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	10	10/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	11	11/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2003	12	12/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	1	1/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	2	2/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	3	3/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	4	4/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	5	5/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	6	6/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	7	7/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	8	8/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	9	9/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	10	10/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	11	11/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2004	12	12/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	1	1/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	2	2/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	3	3/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	4	4/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	5	5/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	6	6/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	7	7/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	8	8/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	9	9/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	10	10/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2005	11	11/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.15	2005	12	12/1/2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2006	1	1/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	2	2/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	3	3/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	4	4/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	5	5/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	6	6/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	7	7/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	8	8/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	9	9/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	10	10/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	11	11/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2006	12	12/1/2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	1	1/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	2	2/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	3	3/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	4	4/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	5	5/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	6	6/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	7	7/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	8	8/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	9	9/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	10	10/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	11	11/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2007	12	12/1/2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	1	1/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	2	2/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	3	3/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	4	4/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	5	5/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	6	6/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	7	7/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	8	8/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	9	9/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	10	10/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	11	11/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2008	12	12/1/2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2009	1	1/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2009	2	2/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2009	3	3/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2009	4	4/1/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	2009	5	5/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	6	6/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	7	7/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	8	8/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	9	9/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	10	10/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	11	11/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3.15	2009	12	12/1/2009	0	0	0	1	0	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.15	2010	1	1/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	2	2/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	3	3/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	4	4/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	5	5/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	6	6/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	7	7/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	8	8/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	9	9/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	10	10/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	11	11/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2010	12	12/1/2010	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	1	1/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	2	2/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	3	3/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	4	4/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	5	5/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	6	6/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	7	7/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	8	8/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	9	9/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	10	10/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	11	11/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2011	12	12/1/2011	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	1	1/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	2	2/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	3	3/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	4	4/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	5	5/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	6	6/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	7	7/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	8	8/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	9	9/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	10	10/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	11	11/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2012	12	12/1/2012	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	1	1/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	2	2/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	3	3/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	4	4/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	5	5/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	6	6/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	7	7/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	8	8/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	9	9/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	10	10/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	11	11/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2013	12	12/1/2013	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	1	1/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0

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revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
3.15	2014	2	2/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	3	3/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	4	4/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	5	5/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	6	6/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	7	7/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	8	8/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	9	9/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	10	10/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	11	11/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2014	12	12/1/2014	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	1	1/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	2	2/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	3	3/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	4	4/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	5	5/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	6	6/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	7	7/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	8	8/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	9	9/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	10	10/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	11	11/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2015	12	12/1/2015	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	1	1/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	2	2/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	3	3/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	4	4/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	5	5/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	6	6/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	7	7/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	8	8/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	9	9/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	10	10/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	11	11/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3.15	2016	12	12/1/2016	0	0	0	0	1	0	0	0	0	0	0	0	0	0
4	2003	1	1/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	2	2/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	3	3/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	4	4/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	5	5/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	6	6/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	7	7/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	8	8/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	9	9/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	10	10/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	11	11/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2003	12	12/1/2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	1	1/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	2	2/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
4	2004	3	3/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	4	4/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	5	5/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	6	6/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	7	7/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	8	8/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	9	9/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	10	10/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	11	11/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2004	12	12/1/2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2005	1	1/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2005	2	2/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2005	3	3/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2005	4	4/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2005	5	5/1/2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2005	6	6/1/2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2005	7	7/1/2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2005	8	8/1/2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2005	9	9/1/2005	0	0	0	0	0	1	-1	0	0	0	0	0	0	0
4	2005	10	10/1/2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2005	11	11/1/2005	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4	2005	12	12/1/2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	1	1/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	2	2/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	3	3/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	4	4/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	5	5/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	6	6/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	7	7/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	8	8/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	9	9/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	10	10/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	11	11/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2006	12	12/1/2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	1	1/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	2	2/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	3	3/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	4	4/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	5	5/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	6	6/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	7	7/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	8	8/1/2007	0	0	0	0	0	1	0	-0.7	0	0	0	0	0	0
4	2007	9	9/1/2007	0	0	0	0	0	1	0	1	0	0	0	0	0	0
4	2007	10	10/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2007	11	11/1/2007	0	0	0	0	0	1	0	-0.3	0	0	0	0	0	0
4	2007	12	12/1/2007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	1	1/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	2	2/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	3	3/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
4	2008	4	4/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	5	5/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	6	6/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	7	7/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	8	8/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	9	9/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2008	10	10/1/2008	0	0	0	0	0	1	0	0	1	0	0	0	0	0
4	2008	11	11/1/2008	0	0	0	0	0	1	0	0	-1	0	0	0	0	0
4	2008	12	12/1/2008	0	0	0	0	0	1	0	0	0	0	0	0	0	1
4	2009	1	1/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	2	2/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	3	3/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	4	4/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	5	5/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	6	6/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	7	7/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	8	8/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	9	9/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	10	10/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	11	11/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2009	12	12/1/2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	1	1/1/2010	0	0	0	0	0	1	0	0	0	0	-1	0	0	0
4	2010	2	2/1/2010	0	0	0	0	0	1	0	0	0	0	1	0	0	0
4	2010	3	3/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	4	4/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	5	5/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	6	6/1/2010	0	0	0	0	0	1	0	0	0	-1	0	0	0	0
4	2010	7	7/1/2010	0	0	0	0	0	1	0	0	0	1	0	0	0	0
4	2010	8	8/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	9	9/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	10	10/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	11	11/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2010	12	12/1/2010	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	1	1/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	2	2/1/2011	0	0	0	0	0	1	0	0	0	0	0	-1	0	0
4	2011	3	3/1/2011	0	0	0	0	0	1	0	0	0	0	0	1	0	0
4	2011	4	4/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	1	0
4	2011	5	5/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	6	6/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	7	7/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	8	8/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	9	9/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	10	10/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	1
4	2011	11	11/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2011	12	12/1/2011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	1	1/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	2	2/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	3	3/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	4	4/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
4	2012	5	5/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	6	6/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	7	7/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	8	8/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	9	9/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	10	10/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	11	11/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2012	12	12/1/2012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	1	1/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	2	2/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	3	3/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	4	4/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	5	5/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	6	6/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	7	7/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	8	8/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	9	9/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	10	10/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	11	11/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2013	12	12/1/2013	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	1	1/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	2	2/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	3	3/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	4	4/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	5	5/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	6	6/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	7	7/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	8	8/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	9	9/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	10	10/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	11	11/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2014	12	12/1/2014	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	1	1/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	2	2/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	3	3/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	4	4/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	5	5/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	6	6/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	7	7/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	8	8/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	9	9/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	10	10/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	11	11/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2015	12	12/1/2015	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	1	1/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	2	2/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	3	3/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	4	4/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	5	5/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Kentucky Power Company
Retail Use Models Input Data

revcls	YEAR	MONTH	time	ind6	ind7	min3	min4	or1	or2	or3	or4	or5	or6	or7	or8	or9	or10
4	2016	6	6/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	7	7/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	8	8/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	9	9/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	10	10/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	11	11/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2016	12	12/1/2016	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Kentucky Power Company Short-Term Use Models
Residential

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-3.07280	4.47464	-0.69	0.4938	0	USAGE	0
MA1,1	-0.25559	0.09716	-2.63	0.0098	1	USAGE	0
AR1,1	-0.30981	0.09999	-3.10	0.0025	12	USAGE	0
NUM1	1.26419	0.10599	11.93	<.0001	0	bcdd65	0
NUM2	1.56706	0.06347	24.69	<.0001	0	bhdd55	0
NUM3	40.18041	10.73944	3.74	0.0003	0	MET_DAYS	0

Constant Estimate -4.02479
Variance Estimate 2276.605
Std Error Estimate 47.71378
AIC 1168.345
SBC 1184.548
Number of Residuals 110

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter		USAGE MU	USAGE MA1,1	USAGE AR1,1	bcdd65 NUM1	bhdd55 NUM2	MET_DAYS NUM3
USAGE	MU	1.000	-0.016	-0.025	-0.070	0.040	-0.007
USAGE	MA1,1	-0.016	1.000	0.070	-0.041	-0.141	-0.033
USAGE	AR1,1	-0.025	0.070	1.000	-0.002	0.246	0.139
bcdd65	NUM1	-0.070	-0.041	-0.002	1.000	0.033	-0.046
bhdd55	NUM2	0.040	-0.141	0.246	0.033	1.000	0.122
MET_DAYS	NUM3	-0.007	-0.033	0.139	-0.046	0.122	1.000

Autocorrelation Check of Residuals

To Lag	Chi- Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	1.45	4	0.8349	0.021	0.079	-0.009	0.052	0.055	-0.009
12	6.93	10	0.7318	-0.010	0.042	0.051	0.123	0.157	-0.009
18	8.18	16	0.9433	0.036	-0.027	0.042	0.063	-0.043	-0.000
24	11.69	22	0.9634	0.067	0.020	0.100	-0.076	0.039	-0.055

Kentucky Power Company Short-Term Use Models
Residential

The ARIMA Procedure

Model for variable USAGE

Estimated Intercept -3.0728
Period(s) of Differencing 12

Autoregressive Factors

Factor 1: 1 + 0.30981 B**(12)

Moving Average Factors

Factor 1: 1 + 0.25559 B**(1)

Input Number 1

Input Variable bodd65
Period(s) of Differencing 12
Overall Regression Factor 1.264186

Input Number 2

Input Variable bhdd55
Period(s) of Differencing 12
Overall Regression Factor 1.567057

Input Number 3

Input Variable MET_DAYS
Period(s) of Differencing 12
Overall Regression Factor 40.18041

Forecasts for variable USAGE

Obs	Forecast	Std Error	95% Confidence Limits	
123	1594.2958	47.7138	1500.7785	1687.8130
124	1197.2597	49.2477	1100.7360	1293.7833
125	953.9224	49.2477	857.3988	1050.4461
126	1074.4053	49.2477	977.8816	1170.9289
127	1277.4666	49.2477	1180.9430	1373.9902
128	1338.3150	49.2477	1241.7913	1434.8386
129	1213.7229	49.2477	1117.1993	1310.2465
130	954.2802	49.2477	857.7566	1050.8038
131	1098.9352	49.2477	1002.4116	1195.4588

Kentucky Power Company Short-Term Use Models
Residential

The ARIMA Procedure

Forecasts for variable USAGE

Obs	Forecast	Std Error	95% Confidence Limits	
132	1721.5009	49.2477	1624.9773	1818.0245
133	2112.5212	49.2477	2015.9976	2209.0449
134	1926.5682	49.2477	1830.0445	2023.0918
135	1584.2641	59.2437	1468.1485	1700.3796
136	1189.8372	59.8386	1072.5556	1307.1188
137	953.2526	59.8386	835.9710	1070.5342
138	1070.0154	59.8386	952.7339	1187.2970
139	1272.7039	59.8386	1155.4223	1389.9855
140	1332.6186	59.8386	1215.3370	1449.9002
141	1208.5739	59.8386	1091.2923	1325.8555
142	950.8927	59.8386	833.6111	1068.1743
143	1091.7651	59.8386	974.4835	1209.0467
144	1719.6503	59.8386	1602.3687	1836.9319
145	2105.8232	59.8386	1988.5416	2223.1048
146	1923.6485	59.8386	1806.3669	2040.9301
147	1583.3472	70.6240	1444.9266	1721.7678
148	1188.1120	71.2719	1048.4217	1327.8023
149	949.4353	71.2719	809.7451	1089.1256
150	1067.3507	71.2719	927.6604	1207.0410
151	1270.1547	71.2719	1130.4644	1409.8450
152	1330.3586	71.2719	1190.6683	1470.0489
153	1206.1443	71.2719	1066.4540	1345.8346
154	947.9174	71.2719	808.2271	1087.6077
155	1089.9617	71.2719	950.2714	1229.6520
156	1716.1988	71.2719	1576.5085	1855.8891
157	2103.8735	71.2719	1964.1832	2243.5638
158	1920.5283	71.2719	1780.8380	2060.2185

Kentucky Power Company Short-Term Use Models
Commercial

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-31.53035	16.86912	-1.87	0.0645	0	USAGE	0
MA1,1	0.49807	0.12223	4.07	<.0001	1	USAGE	0
MA2,1	-0.13092	0.10892	-1.20	0.2322	4	USAGE	0
MA3,1	0.63501	0.08343	7.61	<.0001	12	USAGE	0
AR1,1	0.92895	0.05720	16.24	<.0001	1	USAGE	0
NUM1	2.08835	0.13790	15.14	<.0001	0	bcdd65	0
NUM2	1.48359	0.07123	20.83	<.0001	0	bhdd55	0
NUM3	130.55642	12.52638	10.42	<.0001	0	MET_DAYS	0

Constant Estimate -2.24009
Variance Estimate 3092.235
Std Error Estimate 55.60787
AIC 1203.892
SBC 1225.496
Number of Residuals 110

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter	USAGE MU	USAGE MA1,1	USAGE MA2,1	USAGE MA3,1	USAGE AR1,1	bcdd65 NUM1	bhdd55 NUM2	MET_DAYS NUM3
USAGE MU	1.000	-0.212	-0.075	0.089	-0.336	0.032	0.098	-0.022
USAGE MA1,1	-0.212	1.000	0.120	-0.030	0.651	-0.299	-0.242	0.039
USAGE MA2,1	-0.075	0.120	1.000	0.010	0.311	0.106	-0.125	0.197
USAGE MA3,1	0.089	-0.030	0.010	1.000	0.103	-0.005	-0.127	-0.090
USAGE AR1,1	-0.336	0.651	0.311	0.103	1.000	-0.101	-0.177	0.068
bcdd65 NUM1	0.032	-0.299	0.106	-0.005	-0.101	1.000	0.132	0.057
bhdd55 NUM2	0.098	-0.242	-0.125	-0.127	-0.177	0.132	1.000	0.063
MET_DAYS NUM3	-0.022	0.039	0.197	-0.090	0.068	0.057	0.063	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	0.88	2	0.6450	0.007	0.027	-0.050	-0.007	-0.058	-0.030
12	9.66	8	0.2897	-0.152	-0.048	-0.022	0.147	0.130	0.086
18	12.18	14	0.5920	-0.067	0.068	0.015	0.096	0.009	-0.027
24	13.97	20	0.8320	0.037	0.073	0.019	0.024	0.059	-0.043

Kentucky Power Company Short-Term Use Models
Commercial

The ARIMA Procedure

Model for variable USAGE

Estimated Intercept -31.5303
Period(s) of Differencing 12

Autoregressive Factors

Factor 1: 1 - 0.92895 B**(1)

Moving Average Factors

Factor 1: 1 - 0.49807 B**(1)
Factor 2: 1 + 0.13092 B**(4)
Factor 3: 1 - 0.63501 B**(12)

Input Number 1

Input Variable bccd65
Period(s) of Differencing 12
Overall Regression Factor 2.088351

Input Number 2

Input Variable bhdd55
Period(s) of Differencing 12
Overall Regression Factor 1.483585

Input Number 3

Input Variable MET_DAYS
Period(s) of Differencing 12
Overall Regression Factor 130.5564

Forecasts for variable USAGE

Obs	Forecast	Std Error	95% Confidence Limits	
123	3695.9136	55.6079	3586.9242	3804.9030
124	3454.6414	60.5503	3335.9650	3573.3178
125	3279.1729	64.5118	3152.7322	3405.6136
126	3630.0346	67.7444	3497.2581	3762.8111
127	3912.6823	72.7388	3770.1170	4055.2477
128	3940.0119	75.7040	3791.6347	4088.3890
129	3993.0075	78.1725	3839.7922	4146.2229

Kentucky Power Company Short-Term Use Models
Commercial

The ARIMA Procedure

Forecasts for variable USAGE

Obs	Forecast	Std Error	95% Confidence Limits	
130	3438.1988	80.2417	3280.9278	3595.4697
131	3256.0767	81.9854	3095.3883	3416.7652
132	3905.7961	83.4608	3742.2159	4069.3763
133	4382.9038	84.7134	4216.8686	4548.9391
134	4032.3555	85.7796	3864.2306	4200.4805
135	3685.5489	91.8443	3505.5374	3865.5605
136	3437.9813	94.0784	3253.5911	3622.3715
137	3269.9701	95.9645	3081.8833	3458.0570
138	3614.2785	97.5628	3423.0590	3805.4979
139	3896.6770	99.3947	3701.8669	4091.4870
140	3922.9035	100.7260	3725.4843	4120.3228
141	3974.8746	101.8608	3775.2311	4174.5180
142	3419.1140	102.8300	3217.5708	3620.6571
143	3236.1078	103.6592	3032.9395	3439.2760
144	3885.0058	104.3694	3680.4455	4089.5660
145	4361.3504	104.9784	4155.5966	4567.1043
146	4010.0933	105.5011	3803.3149	4216.8717
147	3662.6283	109.6946	3447.6307	3877.6258
148	3414.4489	111.1290	3196.6401	3632.2577
149	3245.8696	112.3520	3025.6636	3466.0755
150	3589.6500	113.3969	3367.3962	3811.9039
151	3871.5582	114.6529	3646.8427	4096.2738
152	3897.3292	115.5535	3670.8486	4123.8099
153	3948.8771	116.3250	3720.8843	4176.8699
154	3392.7235	116.9867	3163.4337	3622.0132
155	3209.3521	117.5547	2978.9490	3439.7551
156	3857.9108	118.0427	3626.5513	4089.2703
157	4333.9404	118.4622	4101.7587	4566.1221
158	3982.3906	118.8230	3749.5017	4215.2795

Kentucky Power Company Short-Term Use Models
Industrial

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-149727.7	128282.6	-1.17	0.2456	0	KWH	0
MA1,1	0.57537	0.11077	5.19	<.0001	1	KWH	0
AR1,1	-0.25415	0.13091	-1.94	0.0547	1	KWH	0
NUM1	16202552	2634312.4	6.15	<.0001	0	ind2	0
NUM2	16686509	2633873.1	6.34	<.0001	0	ind3	0
NUM3	18896842	2645774.0	7.14	<.0001	0	ind4	0
NUM4	32672674	2673659.4	12.22	<.0001	0	ind5	0
NUM5	19537392	2417933.0	8.08	<.0001	0	ind6	0
NUM6	13972049	2649678.9	5.27	<.0001	0	ind7	0
NUM7	-10407.7	188816.7	-0.06	0.9561	0	MET_DAYS	0

Constant Estimate -187781
Variance Estimate 1.687E13
Std Error Estimate 4107102
AIC 4038.177
SBC 4066.135
Number of Residuals 121

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter		KWH MU	KWH MA1,1	KWH AR1,1	ind2 NUM1	ind3 NUM2
KWH	MU	1.000	-0.022	-0.003	-0.002	0.000
KWH	MA1,1	-0.022	1.000	0.700	-0.005	0.006
KWH	AR1,1	-0.003	0.700	1.000	-0.037	-0.027
ind2	NUM1	-0.002	-0.005	-0.037	1.000	0.002
ind3	NUM2	0.000	0.006	-0.027	0.002	1.000
ind4	NUM3	-0.008	-0.038	-0.057	0.003	0.001
ind5	NUM4	0.006	-0.146	-0.164	0.004	0.003
ind6	NUM5	-0.001	0.134	0.077	0.000	0.002
ind7	NUM6	-0.003	-0.058	-0.111	0.005	0.004
MET_DAYS	NUM7	0.093	-0.124	-0.032	-0.016	0.006

Correlations of Parameter Estimates

Variable Parameter		ind4 NUM3	ind5 NUM4	ind6 NUM5	ind7 NUM6	MET_DAYS NUM7
KWH	MU	-0.008	0.006	-0.001	-0.003	0.093
KWH	MA1,1	-0.038	-0.146	0.134	-0.058	-0.124
KWH	AR1,1	-0.057	-0.164	0.077	-0.111	-0.032

Kentucky Power Company Short-Term Use Models
Industrial

The ARIMA Procedure

Correlations of Parameter Estimates

Variable Parameter		ind4 NUM3	ind5 NUM4	ind6 NUM5	ind7 NUM6	MET_DAYS NUM7
ind2	NUM1	0.003	0.004	0.000	0.005	-0.016
ind3	NUM2	0.001	0.003	0.002	0.004	0.006
ind4	NUM3	1.000	0.004	-0.006	0.009	-0.085
ind5	NUM4	0.004	1.000	-0.016	0.015	0.063
ind6	NUM5	-0.006	-0.016	1.000	-0.006	0.004
ind7	NUM6	0.009	0.015	-0.006	1.000	-0.031
MET_DAYS	NUM7	-0.085	0.063	0.004	-0.031	1.000

Autocorrelation Check of Residuals

To Lag	Chi- Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	5.76	4	0.2177	0.021	0.073	-0.079	-0.146	-0.061	-0.091
12	9.27	10	0.5070	0.047	0.044	0.021	0.106	-0.041	0.092
18	13.92	16	0.6049	-0.039	-0.074	-0.123	-0.070	0.007	-0.078
24	15.75	22	0.8282	-0.039	-0.016	-0.064	0.008	0.021	0.076

Autocorrelation Plot of Residuals

Lag	Covariance	Correlation	-1 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 1																	Std Error
0	1.68683E13	1.00000	|*****|																	0
1	3.60417E11	0.02137	| . |																	0.090909
2	1.22639E12	0.07270	| . * |																	0.090951
3	-1.3407E12	-.07948	| . ** |																	0.091430
4	-2.4566E12	-.14563	| . *** |																	0.091999
5	-1.0208E12	-.06052	| . * |																	0.093885
6	-1.5402E12	-.09131	| . ** |																	0.094207
7	7.96043E11	0.04719	| . * |																	0.094935
8	7.44669E11	0.04415	| . * |																	0.095129
9	3.47027E11	0.02057	| . |																	0.095298
10	1.79496E12	0.10641	| . ** |																	0.095335
11	-6.9581E11	-.04125	| . * |																	0.096311
12	1.55026E12	0.09190	| . ** |																	0.096457
13	-6.5024E11	-.03855	| . * |																	0.097178
14	-1.2484E12	-.07401	| . * |																	0.097305
15	-2.0698E12	-.12271	| . ** |																	0.097769
16	-1.1757E12	-.06970	| . * |																	0.099033
17	1.20788E11	0.00716	| . |																	0.099438
18	-1.3121E12	-.07778	| . ** |																	0.099442
19	-6.6033E11	-.03915	| . * |																	0.099944
20	-2.7545E11	-.01633	| . |																	0.100070

Kentucky Power Company Short-Term Use Models
Industrial

The ARIMA Procedure

Partial Autocorrelations

Lag	Correlation	-1	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	1	
1	0.02137	|								.	|	.										|	.
2	0.07228	|								.	|	*	.									|	.
3	-0.08294	|								.	|	**	.									|	.
4	-0.14905	|								.	|	***	.									|	.
5	-0.04440	|								.	|	*	.									|	.
6	-0.07604	|								.	|	**	.									|	.
7	0.03492	|								.	|	*	.									|	.
8	0.02780	|								.	|	*	.									|	.
9	-0.01458	|								.	|	.	.									|	.
10	0.08469	|								.	|	**	.									|	.
11	-0.03652	|								.	|	*	.									|	.
12	0.09113	|								.	|	**	.									|	.
13	-0.00990	|								.	|	.	.									|	.
14	-0.06652	|								.	|	*	.									|	.
15	-0.11419	|								.	|	**	.									|	.
16	-0.03162	|								.	|	*	.									|	.
17	0.00263	|								.	|	.	.									|	.
18	-0.10489	|								.	|	**	.									|	.
19	-0.10102	|								.	|	**	.									|	.
20	-0.05677	|								.	|	*	.									|	.
21	-0.08345	|								.	|	**	.									|	.
22	-0.03614	|								.	|	*	.									|	.
23	0.02178	|								.	|	.	.									|	.
24	0.04688	|								.	|	*	.									|	.

Model for variable KWH

Estimated Intercept -149728
Period(s) of Differencing 1

Autoregressive Factors

Factor 1: 1 + 0.25415 B**(1)

Moving Average Factors

Factor 1: 1 - 0.57537 B**(1)

Input Number 1

Input Variable ind2
Period(s) of Differencing 1

Kentucky Power Company Short-Term Use Models
Industrial

The ARIMA Procedure

Input Number 1

Overall Regression Factor 16202552

Input Number 2

Input Variable ind3
Period(s) of Differencing 1
Overall Regression Factor 16686509

Input Number 3

Input Variable ind4
Period(s) of Differencing 1
Overall Regression Factor 18896842

Input Number 4

Input Variable ind5
Period(s) of Differencing 1
Overall Regression Factor 32672674

Input Number 5

Input Variable ind6
Period(s) of Differencing 1
Overall Regression Factor 19537392

Input Number 6

Input Variable ind7
Period(s) of Differencing 1
Overall Regression Factor 13972049

Input Number 7

Input Variable MET_DAYS
Period(s) of Differencing 1
Overall Regression Factor -10407.7

Kentucky Power Company Short-Term Use Models
Industrial

The ARIMA Procedure

Forecasts for variable KWH

Obs	Forecast	Std Error	95% Confidence Limits	
123	22914514.1	4107102	14864742.2	30964285.9
124	23451575.8	4166356	15285667.9	31617483.7
125	23129364.6	4450958	14405647.4	31853081.7
126	23018965.8	4650021	13905092.1	32132839.5
127	22856193.9	4856753	13337132.1	32375255.6
128	22712675.3	5051115	12812672.6	32612678.0
129	22576502.4	5239227	12307805.5	32845199.4
130	22427183.2	5420581	11803040.5	33051325.9
131	22277543.7	5596118	11309354.5	33245732.8
132	22114373.5	5766299	10812634.5	33416112.5
133	21965712.1	5931604	10339982.2	33591442.1
134	21824319.1	6092424	9883387.5	33765250.7
135	21670028.8	6249107	9422004.1	33918053.5
136	21514488.7	6401956	8966884.6	34062092.8
137	21368303.5	6551241	8528107.6	34208499.3
138	21213167.4	6697198	8086900.3	34339434.5
139	21061765.5	6840042	7655530.1	34468000.9
140	20915357.3	6979963	7234881.9	34595832.7
141	20779918.8	7117133	6830593.8	34729243.8
142	20630412.9	7251710	6417322.9	34843502.9
143	20480820.8	7383834	6008772.4	34952869.3
144	20317638.6	7513635	5591184.6	35044092.6
145	20168980.3	7641231	5192441.8	35145518.8
146	20027586.5	7766732	4805071.4	35250101.5
147	19873296.4	7890237	4408716.7	35337876.1
148	19717756.3	8011838	4014843.0	35420669.5
149	19571571.0	8131620	3633887.8	35509254.2
150	19416434.9	8249664	3247390.3	35585479.5
151	19265033.1	8366042	2867891.1	35662175.0
152	19118624.8	8480824	2496515.4	35740734.3
153	18983186.3	8594073	2139113.7	35827259.0
154	18833680.5	8705848	1770531.8	35896829.1
155	18684088.4	8816207	1404641.0	35963535.8
156	18520906.1	8925201	1027834.3	36013978.0
157	18372247.8	9032880	668129.0	36076366.6
158	18230854.0	9139290	318174.7	36143533.3

Kentucky Power Company Short-Term Use Models
Industrial Mine Power

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-48565.9	72425.0	-0.67	0.5040	0	KWH	0
MA1,1	0.76708	0.07257	10.57	<.0001	12	KWH	0
AR1,1	-0.42551	0.09246	-4.60	<.0001	1	KWH	0
NUM1	8516929.7	2460903.5	3.46	0.0008	0	min3	0
NUM2	-194300.3	476144.2	-0.41	0.6841	0	MET_DAYS	0

Constant Estimate -69230.9

Variance Estimate 1.018E13

Std Error Estimate 3190857

AIC 3578.935

SBC 3592.391

Number of Residuals 109

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter		KWH MU	KWH MA1,1	KWH AR1,1	min3 NUM1	MET_DAYS NUM2
KWH	MU	1.000	0.192	-0.024	0.007	0.004
KWH	MA1,1	0.192	1.000	-0.153	0.026	0.019
KWH	AR1,1	-0.024	-0.153	1.000	-0.064	0.203
min3	NUM1	0.007	0.026	-0.064	1.000	0.085
MET_DAYS	NUM2	0.004	0.019	0.203	0.085	1.000

Autocorrelation Check of Residuals

To Lag	Chi- Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	4.53	4	0.3394	-0.018	-0.004	0.000	-0.194	0.038	-0.005
12	13.48	10	0.1981	0.083	0.146	-0.098	-0.111	-0.116	-0.100
18	21.08	16	0.1756	0.041	0.212	-0.036	-0.042	-0.098	0.001
24	22.80	22	0.4134	-0.040	0.032	0.056	0.014	-0.071	-0.038

Kentucky Power Company Short-Term Use Models
Industrial Mine Power

The ARIMA Procedure

Model for variable KWH

Estimated Intercept -48565.9
Period(s) of Differencing 1,12

Autoregressive Factors

Factor 1: $1 + 0.42551 B^{**}(1)$

Moving Average Factors

Factor 1: $1 - 0.76708 B^{**}(12)$

Input Number 1

Input Variable min3
Period(s) of Differencing 1,12
Overall Regression Factor 8516930

Input Number 2

Input Variable MET_DAYS
Period(s) of Differencing 1,12
Overall Regression Factor -194300

Forecasts for variable KWH

Obs	Forecast	Std Error	95% Confidence Limits	
123	55466193.4	3190857	49212227.9	61720158.8
124	50499229.6	3679937	43286685.0	57711774.2
125	46450373.6	4399334	37827837.5	55072909.6
126	44391149.3	4903212	34781031.2	54001267.5
127	36868353.0	5403026	26278616.8	47458089.2
128	38988633.0	5843273	27536027.5	50441238.5
129	41455681.7	6259364	29187553.6	53723809.8
130	40309421.3	6646753	27282024.2	53336818.5
131	45608230.9	7013870	31861299.0	59355162.7
132	51748847.5	7362260	37319083.0	66178611.9
133	52239749.5	7695074	37157682.5	67321816.4
134	52044801.8	8014004	36337642.9	67751960.8
135	48182500.4	8550706	31423424.8	64941576.1
136	42780224.8	8956493	25225821.4	60334628.2
137	38847365.3	9383949	20455162.6	57239568.1
138	36669553.0	9776545	17507876.3	55831229.8

Kentucky Power Company Short-Term Use Models
Industrial Mine Power

The ARIMA Procedure

Forecasts for variable KWH

Obs	Forecast	Std Error	95% Confidence Limits	
139	29127985.7	10160582	9213610.7	49042360.7
140	31187022.0	10527903	10552710.8	51821333.2
141	33610899.3	10883952	12278745.6	54943053.0
142	32413777.7	11228255	10406802.6	54420752.9
143	37664998.1	11562500	15002913.8	60327082.3
144	43756633.2	11887272	20458007.4	67055259.1
145	44199146.2	12203437	20280849.2	68117443.3
146	43955557.5	12511601	19433269.8	68477845.2
147	40044722.3	12992739	14579421.5	65510023.0
148	34593867.1	13377843	8373776.3	60813957.9
149	30612447.6	13783972	3596358.4	57628536.9
150	28386067.0	14165169	622845.6	56149288.4
151	20795934.9	14541863	-7705593.6	49297463.3
152	22806404.9	14906760	-6410307.4	52023117.1
153	25181716.5	15263883	-4734944.4	55098377.5
154	23936029.0	15612445	-6663801.2	54535859.1
155	29138683.5	15953558	-2129714.9	60407082.0
156	35181752.8	16287459	3258919.2	67104586.5
157	35575700.0	16614681	3011524.5	68139875.4
158	35283545.4	16935569	2090440.9	68476649.9

Kentucky Power Company Short-Term Use Models
Other Retail

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	4382.8	3498.3	1.25	0.2133	0	KWH	0
MA1,1	-0.58057	0.09575	-6.06	<.0001	1	KWH	0
MA2,1	0.88339	0.06591	13.40	<.0001	12	KWH	0
AR1,1	0.26753	0.10921	2.45	0.0161	3	KWH	0
NUM1	-107317.5	21610.9	-4.97	<.0001	0	or1	0
NUM2	129779.9	30436.6	4.26	<.0001	0	or2	0
NUM3	381393.0	21766.9	17.52	<.0001	0	or3	0
NUM4	126774.2	21202.3	5.98	<.0001	0	or4	0
NUM5	152989.0	17155.2	8.92	<.0001	0	or5	0
NUM6	182261.1	17691.4	10.30	<.0001	0	or6	0
NUM7	121961.9	25800.0	4.73	<.0001	0	or7	0
NUM8	267889.4	45595.3	5.88	<.0001	0	or8	0
NUM9	224330.0	41743.2	5.37	<.0001	0	or9	0
NUM10	118357.3	30554.1	3.87	0.0002	0	or10	0
NUM11	1967.1	4779.2	0.41	0.6816	0	MET_DAYS	0

Constant Estimate 3210.27
Variance Estimate 1.6154E9
Std Error Estimate 40191.8
AIC 2658.352
SBC 2698.859

Number of Residuals 110

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter	KWH MU	KWH MA1,1	KWH MA2,1	KWH AR1,1	or1 NUM1	or2 NUM2	or3 NUM3	or4 NUM4
KWH MU	1.000	0.033	-0.092	-0.153	-0.802	0.016	0.012	0.018
KWH MA1,1	0.033	1.000	0.003	0.153	-0.039	-0.341	0.271	-0.102
KWH MA2,1	-0.092	0.003	1.000	-0.101	-0.104	-0.015	-0.024	-0.015
KWH AR1,1	-0.153	0.153	-0.101	1.000	0.208	0.084	0.062	-0.200
or1 NUM1	-0.802	-0.039	-0.104	0.208	1.000	-0.018	-0.009	-0.014
or2 NUM2	0.016	-0.341	-0.015	0.084	-0.018	1.000	-0.118	-0.009
or3 NUM3	0.012	0.271	-0.024	0.062	-0.009	-0.118	1.000	-0.070
or4 NUM4	0.018	-0.102	-0.015	-0.200	-0.014	-0.009	-0.070	1.000
or5 NUM5	0.006	0.025	0.051	-0.017	-0.020	-0.036	0.033	-0.004
or6 NUM6	0.018	0.100	0.102	-0.008	-0.030	-0.038	0.039	-0.028
or7 NUM7	-0.007	0.166	-0.185	0.131	0.037	-0.001	0.095	-0.094
or8 NUM8	-0.086	-0.011	0.140	0.115	0.036	-0.003	-0.055	0.029
or9 NUM9	0.000	0.064	-0.006	0.216	0.005	0.029	0.052	-0.606
or10 NUM10	-0.025	0.067	0.027	0.037	0.010	-0.013	-0.012	0.037

Kentucky Power Company Short-Term Use Models
Other Retail

The ARIMA Procedure

Correlations of Parameter Estimates

Variable Parameter		KWH MU	KWH MA1,1	KWH MA2,1	KWH AR1,1	or1 NUM1	or2 NUM2	or3 NUM3	or4 NUM4
MET_DAYS	NUM11	-0.049	-0.086	0.232	-0.044	-0.010	-0.029	-0.106	0.114

Correlations of Parameter Estimates

Variable Parameter		or5 NUM5	or6 NUM6	or7 NUM7	or8 NUM8	or9 NUM9	or10 NUM10	MET_DAYS NUM11
KWH	MU	0.006	0.018	-0.007	-0.086	0.000	-0.025	-0.049
KWH	MA1,1	0.025	0.100	0.166	-0.011	0.064	0.067	-0.086
KWH	MA2,1	0.051	0.102	-0.185	0.140	-0.006	0.027	0.232
KWH	AR1,1	-0.017	-0.008	0.131	0.115	0.216	0.037	-0.044
or1	NUM1	-0.020	-0.030	0.037	0.036	0.005	0.010	-0.010
or2	NUM2	-0.036	-0.038	-0.001	-0.003	0.029	-0.013	-0.029
or3	NUM3	0.033	0.039	0.095	-0.055	0.052	-0.012	-0.106
or4	NUM4	-0.004	-0.028	-0.094	0.029	-0.606	0.037	0.114
or5	NUM5	1.000	0.124	-0.136	0.063	-0.067	-0.052	0.186
or6	NUM6	0.124	1.000	0.082	-0.140	0.144	0.071	-0.247
or7	NUM7	-0.136	0.082	1.000	0.106	0.221	0.046	-0.569
or8	NUM8	0.063	-0.140	0.106	1.000	-0.188	-0.116	0.545
or9	NUM9	-0.067	0.144	0.221	-0.188	1.000	0.052	-0.398
or10	NUM10	-0.052	0.071	0.046	-0.116	0.052	1.000	-0.116
MET_DAYS	NUM11	0.186	-0.247	-0.569	0.545	-0.398	-0.116	1.000

Autocorrelation Check of Residuals

To Lag	Chi- Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	2.27	3	0.5175	-0.056	-0.104	0.013	0.021	-0.072	-0.006
12	13.15	9	0.1560	0.116	0.003	-0.102	0.040	0.151	-0.198
18	16.82	15	0.3300	-0.005	0.105	0.024	-0.076	0.102	0.017
24	23.78	21	0.3036	-0.019	0.002	0.014	-0.056	-0.066	0.202

Autocorrelation Plot of Residuals

Lag	Covariance	Correlation	-1 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 1																	Std Error
0	1615380743	1.00000	|*****|																	0
1	-91199117	-.05646	| . * | .																	0.095346
2	-167606990	-.10376	| . ** | .																	0.095650
3	20231276	0.01252	| . | .																	0.096667
4	33662358	0.02084	| . | .																	0.096682
5	-116706176	-.07225	. * .																	0.096723

Kentucky Power Company Short-Term Use Models
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The ARIMA Procedure

Inverse Autocorrelations

Lag	Correlation	-1	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	1	
20	-0.02806										.	*											
21	0.03465										.		*										
22	0.04642										.		*										
23	-0.01301										.												
24	-0.14429										.	***											

Partial Autocorrelations

Lag	Correlation	-1	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	1	
1	-0.05646										.	*											
2	-0.10729										.	**											
3	-0.00002										.												
4	0.01064										.												
5	-0.06998										.	*											
6	-0.01201										.												
7	0.10188										.		**										
8	0.01516										.												
9	-0.07966										.	**											
10	0.02700										.		*										
11	0.14007										.		***										
12	-0.17072										.	***											
13	0.00416										.												
14	0.06006										.		*										
15	0.03096										.		*										
16	-0.03226										.	*											
17	0.08790										.		**										
18	-0.01749										.												
19	0.04038										.		*										
20	0.03536										.		*										
21	-0.04241										.	*											
22	-0.07050										.	*											
23	0.00236										.												
24	0.15973										.		***										

Model for variable KWH

Estimated Intercept 4382.811
Period(s) of Differencing 12

Kentucky Power Company Short-Term Use Models
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The ARIMA Procedure

Autoregressive Factors

Factor 1: $1 - 0.26753 B^{**}(3)$

Moving Average Factors

Factor 1: $1 + 0.58057 B^{**}(1)$

Factor 2: $1 - 0.88339 B^{**}(12)$

Input Number 1

Input Variable	or1
Period(s) of Differencing	12
Overall Regression Factor	-107318

Input Number 2

Input Variable	or2
Period(s) of Differencing	12
Overall Regression Factor	129779.9

Input Number 3

Input Variable	or3
Period(s) of Differencing	12
Overall Regression Factor	381393

Input Number 4

Input Variable	or4
Period(s) of Differencing	12
Overall Regression Factor	126774.2

Input Number 5

Input Variable	or5
Period(s) of Differencing	12
Overall Regression Factor	152989

Input Number 6

Input Variable	or6
Period(s) of Differencing	12

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Input Number 6

Overall Regression Factor 182261.1

Input Number 7

Input Variable or7
Period(s) of Differencing 12
Overall Regression Factor 121961.9

Input Number 8

Input Variable or8
Period(s) of Differencing 12
Overall Regression Factor 267889.4

Input Number 9

Input Variable or9
Period(s) of Differencing 12
Overall Regression Factor 224330

Input Number 10

Input Variable or10
Period(s) of Differencing 12
Overall Regression Factor 118357.3

Input Number 11

Input Variable MET_DAYS
Period(s) of Differencing 12
Overall Regression Factor 1967.142

Forecasts for variable KWH

Obs	Forecast	Std Error	95% Confidence Limits	
123	940564.8	40191.80	861790.4	1019339.3
124	800576.7	46474.32	709488.7	891664.6
125	715169.8	46474.32	624081.8	806257.7
126	666677.9	47701.99	573183.7	760172.1
127	684360.9	48108.74	590069.5	778652.3
128	750992.1	48108.74	656700.7	845283.5

Kentucky Power Company Short-Term Use Models
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The ARIMA Procedure

Forecasts for variable KWH

Obs	Forecast	Std Error	95% Confidence Limits	
129	845290.4	48194.66	750830.6	939750.2
130	947857.3	48223.59	853340.8	1042373.8
131	1008500.5	48223.59	913984.0	1103017.0
132	1081952.6	48229.73	987424.0	1176481.1
133	1090998.5	48231.80	996465.9	1185531.1
134	933300.0	48231.80	838767.4	1027832.6
135	927440.2	48479.31	832422.5	1022457.9
136	795683.7	48562.45	700503.1	890864.4
137	713686.0	48562.45	618505.4	808866.7
138	666376.9	48580.08	571161.7	761592.1
139	686262.1	48586.03	591035.3	781489.0
140	753805.4	48586.03	658578.5	849032.3
141	848420.2	48587.29	753190.8	943649.5
142	951576.2	48587.71	856346.0	1046806.4
143	1012463.4	48587.71	917233.3	1107693.6
144	1086000.1	48587.80	990769.8	1181230.5
145	1095203.7	48587.83	999973.3	1190434.1
146	937570.5	48587.83	842340.1	1032800.9
147	931733.4	48815.75	836056.2	1027410.5
148	800019.0	48892.33	704191.8	895846.2
149	718038.8	48892.33	622211.6	813866.0
150	670735.7	48908.58	574876.7	766594.8
151	690632.2	48914.05	594762.4	786502.0
152	758180.2	48914.05	662310.4	854049.9
153	852796.6	48915.22	756924.5	948668.6
154	955955.6	48915.61	860082.8	1051828.4
155	1016844.1	48915.61	920971.3	1112716.9
156	1090381.2	48915.69	994508.2	1186254.2
157	1099585.6	48915.72	1003712.6	1195458.7
158	941952.7	48915.72	846079.7	1037825.8

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2003	1	1	317974814	2194.398			
KPC	2003	2	1	303891287	2098.001			
KPC	2003	3	1	247145408	1707.985			
KPC	2003	4	1	165156605	1143.625			
KPC	2003	5	1	134833653	934.722			
KPC	2003	6	1	136672961	947.9526			
KPC	2003	7	1	174656806	1211.8			
KPC	2003	8	1	179477557	1243.867			
KPC	2003	9	1	182092508	1260.932			
KPC	2003	10	1	139652072	967.0794			
KPC	2003	11	1	153204130	1060.486			
KPC	2003	12	1	250249296	1727.644			
KPC	2004	1	1	323405247	2228.905	2087.765	2274.799	47.62352
KPC	2004	2	1	306534511	2116.279	1901.068	2088.103	121.6932
KPC	2004	3	1	230689060	1593.278	1460.353	1647.387	39.40767
KPC	2004	4	1	186972649	1292.408	1203.439	1390.473	-4.54827
KPC	2004	5	1	145834203	1010.219	910.2301	1097.265	6.471647
KPC	2004	6	1	166285828	1153.825	1059.596	1246.631	0.711727
KPC	2004	7	1	185832801	1290.174	1161.544	1348.578	35.11296
KPC	2004	8	1	174015911	1207.89	1148.696	1335.731	-34.3235
KPC	2004	9	1	167248905	1160.798	1093.979	1281.014	-26.6988
KPC	2004	10	1	140883439	977.2781	862.1887	1049.223	21.57213
KPC	2004	11	1	144491070	1000.908	917.0408	1104.075	-9.65018
KPC	2004	12	1	236744606	1636.978	1557.236	1744.271	-13.7762
KPC	2005	1	1	299953570	2070.073	1995.389	2182.424	-18.8336
KPC	2005	2	1	281531638	1949.463	1761.218	1948.252	94.7276
KPC	2005	3	1	257382650	1771.888	1635.242	1822.277	43.12848
KPC	2005	4	1	189736039	1308.931	1201.171	1388.206	14.2422
KPC	2005	5	1	147381044	1021.338	860.3217	1047.356	67.49852
KPC	2005	6	1	154335002	1069.231	976.9066	1163.941	-1.19247
KPC	2005	7	1	192363533	1333.321	1303.057	1490.092	-63.2539
KPC	2005	8	1	210588923	1460.081	1382.967	1570.002	-16.4034
KPC	2005	9	1	192648657	1336.066	1244.166	1431.201	-1.61746
KPC	2005	10	1	149089654	1033.744	970.7262	1157.761	-30.4995
KPC	2005	11	1	161768957	1120.136	1036.482	1223.517	-9.86344
KPC	2005	12	1	274881432	1900.439	1832.438	2019.473	-25.5161

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2006	1	1	319744588	2207.723	1988.956	2175.991	125.2501
KPC	2006	2	1	260853006	1804.836	1607.99	1795.024	103.3292
KPC	2006	3	1	235911134	1626.827	1619.151	1806.185	-85.8405
KPC	2006	4	1	182494802	1262.416	1149.424	1336.458	19.47447
KPC	2006	5	1	135624820	940.1546	868.5133	1055.548	-21.876
KPC	2006	6	1	152446976	1057.778	926.0719	1113.106	38.18889
KPC	2006	7	1	183213868	1271.277	1149.187	1336.222	28.57246
KPC	2006	8	1	205434190	1424.174	1298.254	1485.288	32.40274
KPC	2006	9	1	181069405	1255.082	1147.095	1334.13	14.46926
KPC	2006	10	1	140162261	971.2379	870.7144	1057.749	7.006216
KPC	2006	11	1	178092081	1232.087	1106.294	1293.329	32.27621
KPC	2006	12	1	256580129	1774.978	1567.851	1754.885	113.6098
KPC	2007	1	1	274338529	1894.407	1880.529	2067.564	-79.6394
KPC	2007	2	1	320776996	2214.653	2104.57	2291.605	16.56545
KPC	2007	3	1	266712570	1845.838	1777.964	1964.998	-25.6425
KPC	2007	4	1	183237506	1270.903	1199.186	1386.221	-21.8006
KPC	2007	5	1	150328245	1045.1	966.3301	1153.365	-14.7473
KPC	2007	6	1	164716815	1145.912	1031.716	1218.751	20.6782
KPC	2007	7	1	182650851	1271.358	1181.321	1368.356	-3.48077
KPC	2007	8	1	193551643	1344.389	1238.868	1425.903	12.00334
KPC	2007	9	1	208339009	1445.614	1296.93	1483.964	55.16687
KPC	2007	10	1	153992990	1068.75	994.6607	1181.695	-19.4279
KPC	2007	11	1	164410421	1140.306	1059.609	1246.643	-12.8204
KPC	2007	12	1	244300628	1690.171	1699.479	1886.514	-102.826
KPC	2008	1	1	306292174	2114.912	2027.133	2214.167	-5.73774
KPC	2008	2	1	290336604	2006.611	1969.199	2156.234	-56.1052
KPC	2008	3	1	260588218	1805.065	1608.089	1795.124	103.4587
KPC	2008	4	1	193113713	1341.179	1208.976	1396.011	38.6856
KPC	2008	5	1	138227698	961.2563	852.6307	1039.665	15.1083
KPC	2008	6	1	153190973	1065.973	975.9405	1162.975	-3.4848
KPC	2008	7	1	179046914	1245.206	1121.116	1308.15	30.57296
KPC	2008	8	1	187289067	1302.138	1192.526	1379.56	16.09457
KPC	2008	9	1	178072518	1237.861	1187.164	1374.199	-42.8203
KPC	2008	10	1	142862349	992.8995	873.6412	1060.676	25.74103
KPC	2008	11	1	173640248	1204.823	1066.53	1253.565	44.77496
KPC	2008	12	1	289528839	2004.95	1931.832	2118.866	-20.3988

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2009	1	1	324261144	2244.457	2194.183	2381.217	-43.2435
KPC	2009	2	1	321754903	2229.733	2130.871	2317.906	5.344433
KPC	2009	3	1	245050894	1700.255	1595.141	1782.175	11.5965
KPC	2009	4	1	182459913	1269.251	1129.938	1316.972	45.79585
KPC	2009	5	1	144361276	1006.668	944.4863	1131.521	-31.3352
KPC	2009	6	1	151245639	1054.682	973.2412	1160.276	-12.0763
KPC	2009	7	1	173833571	1213.794	1107.272	1294.306	13.00551
KPC	2009	8	1	170185790	1187.851	1109.327	1296.362	-14.9936
KPC	2009	9	1	169252468	1181.452	1074.165	1261.2	13.76954
KPC	2009	10	1	143868781	1004.137	913.7004	1100.735	-3.0804
KPC	2009	11	1	164823717	1149.238	1027.312	1214.347	28.40873
KPC	2009	12	1	237454965	1653.206	1597.861	1784.896	-38.1724
KPC	2010	1	1	350664153	2438.47	2317.557	2504.591	27.39576
KPC	2010	2	1	305077067	2121.714	2072.831	2259.866	-44.6339
KPC	2010	3	1	279422042	1945.592	1791.651	1978.686	60.42329
KPC	2010	4	1	174456108	1218.669	1144.566	1331.601	-19.4144
KPC	2010	5	1	135005262	945.3951	844.1473	1031.182	7.730521
KPC	2010	6	1	166198346	1164.319	1048.738	1235.772	22.0638
KPC	2010	7	1	203979408	1429.759	1286.45	1473.484	49.79195
KPC	2010	8	1	212550131	1489.051	1336.163	1523.198	59.37072
KPC	2010	9	1	183616419	1288.808	1180.918	1367.952	14.37264
KPC	2010	10	1	143598954	1008.016	915.9518	1102.986	-1.45297
KPC	2010	11	1	154297601	1081.28	1032.451	1219.485	-44.6878
KPC	2010	12	1	273160433	1914.121	1797.339	1984.374	23.26501
KPC	2011	1	1	369872756	2583.181	2427.733	2614.767	61.93107
KPC	2011	2	1	289653721	2029.311	2050.059	2237.093	-114.265
KPC	2011	3	1	213925306	1497.374	1462.618	1649.653	-58.7615
KPC	2011	4	1	175913849	1237.322	1222.171	1409.206	-78.3659
KPC	2011	5	1	136610903	964.2283	901.6391	1088.674	-30.928
KPC	2011	6	1	161213402	1139.615	1040.372	1227.407	5.725626
KPC	2011	7	1	180048512	1273.346	1232.778	1419.812	-52.9494
KPC	2011	8	1	204783417	1446.916	1364.3	1551.334	-10.9013
KPC	2011	9	1	168880851	1195.312	1138.941	1325.975	-37.1461
KPC	2011	10	1	130272550	922.7408	848.1089	1035.143	-18.8853
KPC	2011	11	1	158479656	1121.424	1029.44	1216.474	-1.53291
KPC	2011	12	1	219324970	1550	1441.266	1628.301	15.21654

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Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2012	1	1	274134546	1936.457	1958.05	2145.084	-115.11
KPC	2012	2	1	243903743	1721.183	1588.975	1776.009	38.69154
KPC	2012	3	1	199200791	1409.423	1402.451	1589.486	-86.5457
KPC	2012	4	1	137671421	977.1207	934.5727	1121.607	-50.9693
KPC	2012	5	1	136654009	970.623	855.9337	1042.968	21.17195
KPC	2012	6	1	153985572	1095.118	1024.293	1211.327	-22.6926
KPC	2012	7	1	193338001	1374.144	1313.732	1500.767	-33.1051
KPC	2012	8	1	187003020	1329.61	1270.033	1457.067	-33.9399
KPC	2012	9	1	168666746	1199.272	1133.119	1320.153	-27.3644
KPC	2012	10	1	132251695	940.8178	852.7479	1039.782	-5.44739
KPC	2012	11	1	166572182	1183.201	1128.362	1315.396	-38.6783
KPC	2012	12	1	233547737	1657.437	1539.098	1726.132	24.82158
KPC	2013	1	1	280699997	1989.468	1980.077	2167.112	-84.1264
KPC	2013	2	1	266429823	1890.74	1762.999	1950.034	34.22342
KPC	2013	3	1		1594.296	1500.778	1687.813	
KPC	2013	4	1		1197.26	1100.736	1293.783	
KPC	2013	5	1		953.9224	857.3988	1050.446	
KPC	2013	6	1		1074.405	977.8816	1170.929	
KPC	2013	7	1		1277.467	1180.943	1373.99	
KPC	2013	8	1		1338.315	1241.791	1434.839	
KPC	2013	9	1		1213.723	1117.199	1310.247	
KPC	2013	10	1		954.2802	857.7566	1050.804	
KPC	2013	11	1		1098.935	1002.412	1195.459	
KPC	2013	12	1		1721.501	1624.977	1818.025	
KPC	2014	1	1		2112.521	2015.998	2209.045	
KPC	2014	2	1		1926.568	1830.045	2023.092	
KPC	2014	3	1		1584.264	1468.149	1700.38	
KPC	2014	4	1		1189.837	1072.556	1307.119	
KPC	2014	5	1		953.2526	835.971	1070.534	
KPC	2014	6	1		1070.015	952.7339	1187.297	
KPC	2014	7	1		1272.704	1155.422	1389.986	
KPC	2014	8	1		1332.619	1215.337	1449.9	
KPC	2014	9	1		1208.574	1091.292	1325.855	
KPC	2014	10	1		950.8927	833.6111	1068.174	
KPC	2014	11	1		1091.765	974.4835	1209.047	
KPC	2014	12	1		1719.65	1602.369	1836.932	

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Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2015	1	1	1	2105.823	1988.542	2223.105	
KPC	2015	2	1	1	1923.648	1806.367	2040.93	
KPC	2015	3	1	1	1583.347	1444.927	1721.768	
KPC	2015	4	1	1	1188.112	1048.422	1327.802	
KPC	2015	5	1	1	949.4353	809.7451	1089.126	
KPC	2015	6	1	1	1067.351	927.6604	1207.041	
KPC	2015	7	1	1	1270.155	1130.464	1409.845	
KPC	2015	8	1	1	1330.359	1190.668	1470.049	
KPC	2015	9	1	1	1206.144	1066.454	1345.835	
KPC	2015	10	1	1	947.9174	808.2271	1087.608	
KPC	2015	11	1	1	1089.962	950.2714	1229.652	
KPC	2015	12	1	1	1716.199	1576.509	1855.889	
KPC	2016	1	1	1	2103.874	1964.183	2243.564	
KPC	2016	2	1	1	1920.528	1780.838	2060.219	
KPC	2016	3	1	1				
KPC	2016	4	1	1				
KPC	2016	5	1	1				
KPC	2016	6	1	1				
KPC	2016	7	1	1				
KPC	2016	8	1	1				
KPC	2016	9	1	1				
KPC	2016	10	1	1				
KPC	2016	11	1	1				
KPC	2016	12	1	1				
KPC	2003	1	2	126690479	4710.909			
KPC	2003	2	2	122779645	4571.437			
KPC	2003	3	2	110450623	4105.361			
KPC	2003	4	2	98087839	3644.762			
KPC	2003	5	2	98693053	3660.586			
KPC	2003	6	2	102213915	3785.701			
KPC	2003	7	2	112755640	4170.266			
KPC	2003	8	2	112586731	4029.59			
KPC	2003	9	2	120287932	4297.225			
KPC	2003	10	2	101482944	3620.641			
KPC	2003	11	2	96076452	3425.674			
KPC	2003	12	2	116012153	4127.078			

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Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2004	1	2	131261208	4666.07	4577.287	4795.266	-20.2067
KPC	2004	2	2	125201652	4454.941	4308.852	4526.831	37.09928
KPC	2004	3	2	109248068	3884.1	3805.266	4023.245	-30.1562
KPC	2004	4	2	106039027	3764.788	3672.34	3890.319	-16.5412
KPC	2004	5	2	102893619	3650.134	3591.319	3809.298	-50.1748
KPC	2004	6	2	117520056	4162.507	3982.013	4199.992	71.5041
KPC	2004	7	2	118976058	4200.984	4056.377	4274.356	35.61714
KPC	2004	8	2	114443781	4035.252	3918.515	4136.494	7.747388
KPC	2004	9	2	117319080	4127.901	4055.704	4273.683	-36.7924
KPC	2004	10	2	105855611	3717.885	3509.112	3727.091	99.78336
KPC	2004	11	2	98730455	3471.291	3259.491	3477.47	102.8102
KPC	2004	12	2	117512911	4123.839	4027.636	4245.615	-12.7864
KPC	2005	1	2	129923747	4549.947	4450.934	4668.912	-9.97572
KPC	2005	2	2	124516797	4370.237	4190.422	4408.401	70.82529
KPC	2005	3	2	117738445	4098.672	4012.475	4230.454	-22.7927
KPC	2005	4	2	108711970	3782.338	3690.172	3908.15	-16.8227
KPC	2005	5	2	100091466	3472.986	3467.35	3685.329	-103.354
KPC	2005	6	2	112547882	3891.563	3869.671	4087.65	-87.0979
KPC	2005	7	2	123440481	4271.888	4214.87	4432.849	-51.9716
KPC	2005	8	2	128530449	4432.849	4278.772	4496.751	45.0871
KPC	2005	9	2	129452716	4453.444	4313.659	4531.638	30.79585
KPC	2005	10	2	112861111	3881.19	3605.296	3823.275	166.9042
KPC	2005	11	2	105927769	3647.65	3511.622	3729.6	27.03944
KPC	2005	12	2	127394268	4383.232	4256.727	4474.706	17.51628
KPC	2006	1	2	135492629	4652.746	4493.102	4711.081	50.65531
KPC	2006	2	2	120917137	4162.81	4021.034	4239.013	32.7867
KPC	2006	3	2	113477407	3887.944	3870.14	4088.119	-91.1862
KPC	2006	4	2	104629615	3589.598	3501.059	3719.038	-20.4497
KPC	2006	5	2	103898105	3552.679	3460.05	3678.029	-16.3599
KPC	2006	6	2	112018505	3826.03	3762.746	3980.725	-45.7054
KPC	2006	7	2	121843927	4161.478	4014.544	4232.523	37.9447
KPC	2006	8	2	125800380	4287.821	4145.434	4363.413	33.39748
KPC	2006	9	2	127448431	4337.341	4216.249	4434.228	12.10254
KPC	2006	10	2	107090517	3618.29	3506.86	3724.839	2.440456
KPC	2006	11	2	105875300	3597.163	3521.779	3739.758	-33.6053
KPC	2006	12	2	121292565	4132.063	3929.131	4147.11	93.94226

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Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2007	1	2	127171780	4316.761	4287.23	4505.209	-79.4584
KPC	2007	2	2	132162288	4492.871	4332.615	4550.594	51.2666
KPC	2007	3	2	122115451	4145.127	4029.489	4247.467	6.649284
KPC	2007	4	2	112596647	3826.304	3701.791	3919.769	15.52402
KPC	2007	5	2	109476174	3702.272	3572.338	3790.316	20.94463
KPC	2007	6	2	117859491	3971.275	3832.009	4049.988	30.27607
KPC	2007	7	2	122280244	4112.195	4060.389	4278.368	-57.1827
KPC	2007	8	2	125107341	4194.292	4080.223	4298.202	5.079546
KPC	2007	9	2	135178765	4524.661	4389.42	4607.399	26.25165
KPC	2007	10	2	116735402	3900.932	3748.681	3966.66	43.26202
KPC	2007	11	2	108929699	3638.874	3511.083	3729.062	18.80144
KPC	2007	12	2	122828829	4104.967	4076.107	4294.085	-80.1288
KPC	2008	1	2	135988541	4537.64	4441.4	4659.379	-12.7495
KPC	2008	2	2	128773052	4298.883	4175.891	4393.87	14.00282
KPC	2008	3	2	122678482	4092.693	3928.139	4146.118	55.56494
KPC	2008	4	2	112839096	3758.422	3600.116	3818.095	49.31661
KPC	2008	5	2	103309942	3435.762	3382.843	3600.822	-56.0704
KPC	2008	6	2	114938687	3821.1	3708.389	3926.368	3.721066
KPC	2008	7	2	122829355	4186.27	3909.353	4127.331	167.9282
KPC	2008	8	2	124863559	4248.939	4070.228	4288.207	69.72117
KPC	2008	9	2	127141733	4312.959	4215.999	4433.978	-12.0289
KPC	2008	10	2	111421466	3779.305	3632.852	3850.831	37.46337
KPC	2008	11	2	106285450	3608.646	3535.879	3753.858	-36.2222
KPC	2008	12	2	131439135	4449.531	4364.186	4582.165	-23.6449
KPC	2009	1	2	140606604	4757.939	4668.42	4886.398	-19.4703
KPC	2009	2	2	135440164	4593.372	4461.578	4679.557	22.8044
KPC	2009	3	2	117944093	3984.059	3846.023	4064.002	29.04679
KPC	2009	4	2	108021954	3664.37	3566.653	3784.632	-11.2732
KPC	2009	5	2	105536445	3582.729	3543.603	3761.582	-69.8637
KPC	2009	6	2	114602837	3876.039	3690.303	3908.282	76.74618
KPC	2009	7	2	119391195	4043.869	3950.889	4168.867	-16.0088
KPC	2009	8	2	118640006	4013.668	3903.259	4121.238	1.419606
KPC	2009	9	2	122206783	4131.259	3996.825	4214.804	25.44524
KPC	2009	10	2	110816069	3742.016	3658.222	3876.201	-25.1954
KPC	2009	11	2	102272004	3455.719	3361.627	3579.606	-14.8979
KPC	2009	12	2	122158139	4122.09	4041.964	4259.943	-28.8637

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Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2010	1	2	145310559	4897.558	4723.387	4941.366	65.18193
KPC	2010	2	2	130435595	4398.88	4319.563	4537.542	-29.6726
KPC	2010	3	2	125707234	4236.989	4010.35	4228.329	117.6501
KPC	2010	4	2	109887187	3700.03	3599.523	3817.502	-8.48228
KPC	2010	5	2	103227627	3474.508	3367.448	3585.427	-1.92998
KPC	2010	6	2	120865708	4047.34	3896.953	4114.932	41.39688
KPC	2010	7	2	128707608	4317.019	4225.32	4443.298	-17.2898
KPC	2010	8	2	130361661	4364.739	4263.493	4481.472	-7.74372
KPC	2010	9	2	127052974	4254.386	4175.528	4393.507	-30.1315
KPC	2010	10	2	109427766	3662.486	3630.715	3848.694	-77.2184
KPC	2010	11	2	101444450	3384.754	3296.307	3514.286	-20.5431
KPC	2010	12	2	126636697	4245.564	4190.928	4408.907	-54.3533
KPC	2011	1	2	149513476	4980.96	4746.986	4964.965	124.9847
KPC	2011	2	2	128069545	4300.233	4292.622	4510.601	-101.378
KPC	2011	3	2	113030389	3772.206	3681.174	3899.153	-17.9574
KPC	2011	4	2	105850586	3545.846	3468.447	3686.426	-31.5904
KPC	2011	5	2	104314600	3488.783	3448.457	3666.435	-68.6634
KPC	2011	6	2	113971493	3807.172	3710.64	3928.619	-12.4576
KPC	2011	7	2	120703198	4035.816	3936.936	4154.915	-10.1088
KPC	2011	8	2	126716547	4215.875	4106.465	4324.444	0.42015
KPC	2011	9	2	121599600	4049.136	3947.844	4165.822	-7.6971
KPC	2011	10	2	104807038	3488.103	3385.508	3603.487	-6.39446
KPC	2011	11	2	101307383	3371.743	3217.93	3435.909	44.82357
KPC	2011	12	2	117291091	3905.537	3741.035	3959.014	55.51227
KPC	2012	1	2	127272515	4238.32	4253.696	4471.675	-124.366
KPC	2012	2	2	118081469	3937.23	3854.174	4072.153	-25.9335
KPC	2012	3	2	108057419	3615.049	3539.836	3757.815	-33.7773
KPC	2012	4	2	99556722	3320.882	3216.856	3434.835	-4.96375
KPC	2012	5	2	101822173	3394.072	3267.079	3485.058	18.00422
KPC	2012	6	2	110744153	3684.471	3619.346	3837.325	-43.8639
KPC	2012	7	2	122686761	4076.514	4080.366	4298.345	-112.842
KPC	2012	8	2	118371520	3931.172	3841.309	4059.288	-19.1267
KPC	2012	9	2	120209831	3987.588	3886.967	4104.946	-8.36814
KPC	2012	10	2	102116621	3394.045	3259.669	3477.648	25.38641
KPC	2012	11	2	101170198	3354.783	3261.913	3479.892	-16.1197
KPC	2012	12	2	116462995	3860.865	3702.268	3920.247	49.60778

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2013	1	2	127240868	4215.926	4184.635	4402.614	-77.6985
KPC	2013	2	2	121020080	4014.332	3884.297	4102.275	21.04651
KPC	2013	3	2		3695.914	3586.924	3804.903	
KPC	2013	4	2		3454.641	3335.965	3573.318	
KPC	2013	5	2		3279.173	3152.732	3405.614	
KPC	2013	6	2		3630.035	3497.258	3762.811	
KPC	2013	7	2		3912.682	3770.117	4055.248	
KPC	2013	8	2		3940.012	3791.635	4088.389	
KPC	2013	9	2		3993.008	3839.792	4146.223	
KPC	2013	10	2		3438.199	3280.928	3595.47	
KPC	2013	11	2		3256.077	3095.388	3416.765	
KPC	2013	12	2		3905.796	3742.216	4069.376	
KPC	2014	1	2		4382.904	4216.869	4548.939	
KPC	2014	2	2		4032.356	3864.231	4200.481	
KPC	2014	3	2		3685.549	3505.537	3865.561	
KPC	2014	4	2		3437.981	3253.591	3622.371	
KPC	2014	5	2		3269.97	3081.883	3458.057	
KPC	2014	6	2		3614.278	3423.059	3805.498	
KPC	2014	7	2		3896.677	3701.867	4091.487	
KPC	2014	8	2		3922.904	3725.484	4120.323	
KPC	2014	9	2		3974.875	3775.231	4174.518	
KPC	2014	10	2		3419.114	3217.571	3620.657	
KPC	2014	11	2		3236.108	3032.94	3439.276	
KPC	2014	12	2		3885.006	3680.446	4089.566	
KPC	2015	1	2		4361.35	4155.597	4567.104	
KPC	2015	2	2		4010.093	3803.315	4216.872	
KPC	2015	3	2		3662.628	3447.631	3877.626	
KPC	2015	4	2		3414.449	3196.64	3632.258	
KPC	2015	5	2		3245.87	3025.664	3466.076	
KPC	2015	6	2		3589.65	3367.396	3811.904	
KPC	2015	7	2		3871.558	3646.843	4096.274	
KPC	2015	8	2		3897.329	3670.849	4123.81	
KPC	2015	9	2		3948.877	3720.884	4176.87	
KPC	2015	10	2		3392.723	3163.434	3622.013	
KPC	2015	11	2		3209.352	2978.949	3439.755	
KPC	2015	12	2		3857.911	3626.551	4089.27	

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2016	1	2		4333.94	4101.759	4566.122	
KPC	2016	2	2		3982.391	3749.502	4215.279	
KPC	2016	3	2					
KPC	2016	4	2					
KPC	2016	5	2					
KPC	2016	6	2					
KPC	2016	7	2					
KPC	2016	8	2					
KPC	2016	9	2					
KPC	2016	10	2					
KPC	2016	11	2					
KPC	2016	12	2					
KPC	2003	1	3.1	43949539				
KPC	2003	2	3.1	38555374		35758373	51857917	-5252771
KPC	2003	3	3.1	39319741		34708603	50808147	-3438634
KPC	2003	4	3.1	35103645		32859440	48958983	-5805567
KPC	2003	5	3.1	37704089		31280038	47379581	-1625720
KPC	2003	6	3.1	34276073		29736512	45836056	-3510211
KPC	2003	7	3.1	35531822		28924082	45023625	-1442031
KPC	2003	8	3.1	37803282		27809025	43908569	1944485
KPC	2003	9	3.1	32497895		27874044	43973588	-3425921
KPC	2003	10	3.1	40749816		27576086	43675630	5123958
KPC	2003	11	3.1	33849886		27474033	43573577	-1673919
KPC	2003	12	3.1	34886073		28308084	44407628	-1471783
KPC	2004	1	3.1	31785537		27232238	43331782	-3496473
KPC	2004	2	3.1	29965841		26373597	42473141	-4457528
KPC	2004	3	3.1	29501194		24745047	40844591	-3293625
KPC	2004	4	3.1	15242512		7076571	23176115	116169.1
KPC	2004	5	3.1	47154047		38846393	54945937	257882.2
KPC	2004	6	3.1	30766312		22689140	38788684	27400.22
KPC	2004	7	3.1	31174205		22563422	38662965	561011.4
KPC	2004	8	3.1	30421910		22503613	38603156	-131474
KPC	2004	9	3.1	30331331		22454010	38553554	-172451
KPC	2004	10	3.1	31024237		22218283	38317827	756181.7
KPC	2004	11	3.1	33531811		22182144	38281688	3299895
KPC	2004	12	3.1	35589033		22734112	38833656	4805149

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2005	1	3.1	34561254		24068248	40167792	2443234
KPC	2005	2	3.1	48758055		41884495	57984039	-1176212
KPC	2005	3	3.1	15616469		8459653	24559197	-892956
KPC	2005	4	3.1	30927535		24507255	40606799	-1629492
KPC	2005	5	3.1	29296501		23991550	40091093	-2744821
KPC	2005	6	3.1	32474791		23039522	39139066	1385497
KPC	2005	7	3.1	29819585		22629537	38729080	-859724
KPC	2005	8	3.1	34780291		22756624	38856168	3973895
KPC	2005	9	3.1	29365705		23002447	39101990	-1686514
KPC	2005	10	3.1	39960608		23470190	39569734	8440646
KPC	2005	11	3.1	32196144		24173283	40272827	-26910.7
KPC	2005	12	3.1	34868882		25935787	42035330	883323.5
KPC	2006	1	3.1	34131971		25441382	41540926	640816.7
KPC	2006	2	3.1	41374791		25736748	41836292	7588271
KPC	2006	3	3.1	23186043		26932011	43031555	-1.2E+07
KPC	2006	4	3.1	31650963		26355682	42455226	-2754491
KPC	2006	5	3.1	28029084		22843741	38943285	-2864429
KPC	2006	6	3.1	34534761		22352647	38452191	4132342
KPC	2006	7	3.1	30250323		22261957	38361501	-61406.1
KPC	2006	8	3.1	29027256		23141860	39241404	-2164376
KPC	2006	9	3.1	35157712		22346177	38445721	4761763
KPC	2006	10	3.1	29616893		22621980	38721524	-1054859
KPC	2006	11	3.1	26474442		23388555	39488099	-4963885
KPC	2006	12	3.1	31063148		21891512	37991056	1121864
KPC	2007	1	3.1	47922929		39902450	56001994	-29293.1
KPC	2007	2	3.1	11396987		2449717	18549260	897498.4
KPC	2007	3	3.1	25821293		21211804	37311348	-3440283
KPC	2007	4	3.1	29921980		20699763	36799307	1172445
KPC	2007	5	3.1	25430051		19962193	36061736	-2581913
KPC	2007	6	3.1	33601581		19824296	35923840	5727513
KPC	2007	7	3.1	31596460		19993772	36093316	3552916
KPC	2007	8	3.1	29290760		21817485	37917029	-576497
KPC	2007	9	3.1	39730191		21971806	38071350	9708613
KPC	2007	10	3.1	68749381		55935695	72035239	4763914
KPC	2007	11	3.1	5424450		-6658537	9441006	4033215
KPC	2007	12	3.1	33856494		27023643	43123187	-1216921

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2008	1	3.1	33434461		27393319	43492862	-2008629
KPC	2008	2	3.1	35853798		26478421	42577965	1325605
KPC	2008	3	3.1	33347072		26237903	42337447	-940603
KPC	2008	4	3.1	34103095		26278467	42378011	-225144
KPC	2008	5	3.1	31197406		25802843	41902387	-2655209
KPC	2008	6	3.1	35911688		25228442	41327985	2633475
KPC	2008	7	3.1	34361858		24957693	41057237	1354393
KPC	2008	8	3.1	29557141		25747042	41846586	-4239673
KPC	2008	9	3.1	33274873		24975740	41075283	249361.4
KPC	2008	10	3.1	31477986		23948232	40047775	-520017
KPC	2008	11	3.1	30236728		23997424	40096968	-1810468
KPC	2008	12	3.1	34047913		23347778	39447322	2650363
KPC	2009	1	3.1	33836696		23313776	39413319	2473149
KPC	2009	2	3.1	31328953		24245009	40344553	-965828
KPC	2009	3	3.1	27934957		24284596	40384140	-4399411
KPC	2009	4	3.1	27396673		23081720	39181263	-3734818
KPC	2009	5	3.1	21709325		21455101	37554645	-7795548
KPC	2009	6	3.1	27201083		19396931	35496474	-245619
KPC	2009	7	3.1	28694653		17699703	33799247	2945178
KPC	2009	8	3.1	13034545		-1150042	14949502	6134815
KPC	2009	9	3.1	31303411		19827682	35927226	3425957
KPC	2009	10	3.1	53200462		40950902	57050446	4199788
KPC	2009	11	3.1	27677739		22420763	38520307	-2792796
KPC	2009	12	3.1	30258674		22539510	38639054	-330608
KPC	2010	1	3.1	29895194		21555307	37654851	290115.2
KPC	2010	2	3.1	31454005		21611236	37710780	1792997
KPC	2010	3	3.1	25897796		21788792	37888336	-3940768
KPC	2010	4	3.1	27350908		21334059	37433603	-2032923
KPC	2010	5	3.1	30556803		19921614	36021158	2585417
KPC	2010	6	3.1	43088505		20003863	36103407	15034870
KPC	2010	7	3.1	28905229		23011338	39110881	-2155880
KPC	2010	8	3.1	43333914		25516661	41616204	9767481
KPC	2010	9	3.1	29365934		25811114	41910657	-4494952
KPC	2010	10	3.1	22298057		27264891	43364435	-1.3E+07
KPC	2010	11	3.1	38239575		23345213	39444757	6844590
KPC	2010	12	3.1	24811709		21999712	38099256	-5237775

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2011	1	3.1	32235855		23006534	39106077	1179549
KPC	2011	2	3.1	41327424		35419069	51518613	-2141417
KPC	2011	3	3.1	14051345		7631044	23730587	-1629470
KPC	2011	4	3.1	27249388		20536286	36635830	-1336670
KPC	2011	5	3.1	27144290		19979119	36078662	-884600
KPC	2011	6	3.1	30787741		19431387	35530931	3306582
KPC	2011	7	3.1	25418240		19722095	35821639	-2353627
KPC	2011	8	3.1	26982898		19905876	36005420	-972750
KPC	2011	9	3.1	27355886		18905247	35004790	400867.6
KPC	2011	10	3.1	23641357		18797979	34897523	-3206394
KPC	2011	11	3.1	25043588		18189090	34288633	-1195273
KPC	2011	12	3.1	27197375		17123796	33223340	2023807
KPC	2012	1	3.1	28628660		17237428	33336972	3341460
KPC	2012	2	3.1	29329430		18128640	34228184	3151018
KPC	2012	3	3.1	25084997		19108851	35208395	-2073626
KPC	2012	4	3.1	25351971		19112196	35211740	-1809997
KPC	2012	5	3.1	23847189		18083976	34183520	-2286559
KPC	2012	6	3.1	26167890		17312434	33411978	805684.2
KPC	2012	7	3.1	24011424		16869528	32969072	-907876
KPC	2012	8	3.1	24125844		16849739	32949282	-773667
KPC	2012	9	3.1	29870227		16436537	32536081	5383918
KPC	2012	10	3.1	30046922		17109162	33208706	4887988
KPC	2012	11	3.1	23422315		18951283	35050826	-3578740
KPC	2012	12	3.1	20498537		18915550	35015094	-6466785
KPC	2013	1	3.1	21886444		16718702	32818246	-2882030
KPC	2013	2	3.1	25795490		14848588	30948131	2897130
KPC	2013	3	3.1	22914514.06		14864742	30964286	
KPC	2013	4	3.1	23451575.76		15285668	31617484	
KPC	2013	5	3.1	23129364.56		14405647	31853082	
KPC	2013	6	3.1	23018965.77		13905092	32132839	
KPC	2013	7	3.1	22856193.85		13337132	32375256	
KPC	2013	8	3.1	22712675.34		12812673	32612678	
KPC	2013	9	3.1	22576502.43		12307806	32845199	
KPC	2013	10	3.1	22427183.22		11803040	33051326	
KPC	2013	11	3.1	22277543.69		11309355	33245733	
KPC	2013	12	3.1	22114373.5		10812634	33416113	

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2014	1	3.1	21965712.11		10339982	33591442	
KPC	2014	2	3.1	21824319.08		9883387	33765251	
KPC	2014	3	3.1	21670028.81		9422004	33918054	
KPC	2014	4	3.1	21514488.73		8966885	34062093	
KPC	2014	5	3.1	21368303.46		8528108	34208499	
KPC	2014	6	3.1	21213167.38		8086900	34339434	
KPC	2014	7	3.1	21061765.52		7655530	34468001	
KPC	2014	8	3.1	20915357.28		7234882	34595833	
KPC	2014	9	3.1	20779918.8		6830594	34729244	
KPC	2014	10	3.1	20630412.93		6417323	34843503	
KPC	2014	11	3.1	20480820.84		6008772	34952869	
KPC	2014	12	3.1	20317638.6		5591185	35044093	
KPC	2015	1	3.1	20168980.27		5192442	35145519	
KPC	2015	2	3.1	20027586.46		4805071	35250102	
KPC	2015	3	3.1	19873296.39		4408717	35337876	
KPC	2015	4	3.1	19717756.26		4014843	35420670	
KPC	2015	5	3.1	19571571		3633888	35509254	
KPC	2015	6	3.1	19416434.92		3247390	35585480	
KPC	2015	7	3.1	19265033.06		2867891	35662175	
KPC	2015	8	3.1	19118624.83		2496515	35740734	
KPC	2015	9	3.1	18983186.34		2139114	35827259	
KPC	2015	10	3.1	18833680.48		1770532	35896829	
KPC	2015	11	3.1	18684088.38		1404641	35963536	
KPC	2015	12	3.1	18520906.14		1027834	36013978	
KPC	2016	1	3.1	18372247.81		668129	36076367	
KPC	2016	2	3.1	18230854.01		318174.7	36143533	
KPC	2016	3	3.1					
KPC	2016	4	3.1					
KPC	2016	5	3.1					
KPC	2016	6	3.1					
KPC	2016	7	3.1					
KPC	2016	8	3.1					
KPC	2016	9	3.1					
KPC	2016	10	3.1					
KPC	2016	11	3.1					
KPC	2016	12	3.1					

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2003	1	3.15	89253807				
KPC	2003	2	3.15	85657139				
KPC	2003	3	3.15	87814209				
KPC	2003	4	3.15	74955865				
KPC	2003	5	3.15	73486430				
KPC	2003	6	3.15	71230186				
KPC	2003	7	3.15	66954414				
KPC	2003	8	3.15	69785215				
KPC	2003	9	3.15	72962868				
KPC	2003	10	3.15	74077646				
KPC	2003	11	3.15	77953562				
KPC	2003	12	3.15	83776077				
KPC	2004	1	3.15	85863580				
KPC	2004	2	3.15	85465096		76034135	88542065	3176996
KPC	2004	3	3.15	81301309		79858610	92366540	-4811266
KPC	2004	4	3.15	79987020		64861918	77369849	8871136
KPC	2004	5	3.15	72809938		67492548	80000479	-936576
KPC	2004	6	3.15	70299843		66434024	78941955	-2388147
KPC	2004	7	3.15	63345192		59707673	72215604	-2616447
KPC	2004	8	3.15	68427463		60945947	73453877	1227551
KPC	2004	9	3.15	67619129		64458788	76966718	-3093624
KPC	2004	10	3.15	69814465		64116583	76624513	-556083
KPC	2004	11	3.15	71769906		67006970	79514901	-1491030
KPC	2004	12	3.15	81530181		71956833	84464764	3319382
KPC	2005	1	3.15	83336282		75830825	88338756	1251491
KPC	2005	2	3.15	81043614		74151441	86659372	638207.9
KPC	2005	3	3.15	86878562		74816434	87324365	5808162
KPC	2005	4	3.15	76224559		68282151	80790082	1688442
KPC	2005	5	3.15	74730971		67381203	79889134	1095802
KPC	2005	6	3.15	78286605		65825025	78332956	6207615
KPC	2005	7	3.15	64597478		64296351	76804282	-5952839
KPC	2005	8	3.15	69035981		65055641	77563572	-2273626
KPC	2005	9	3.15	72065965		64380105	76888036	1431894
KPC	2005	10	3.15	71250429		66800580	79308511	-1804116
KPC	2005	11	3.15	78932129		69238301	81746231	3439863
KPC	2005	12	3.15	94027180		86176193	98684124	1597021

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2006	1	3.15	86184052		81114262	93622193	-1184176
KPC	2006	2	3.15	88996178		77504879	90012810	5237334
KPC	2006	3	3.15	86376988		82332777	94840708	-2209755
KPC	2006	4	3.15	78944505		71747458	84255388	943082
KPC	2006	5	3.15	72626592		68681611	81189542	-2308985
KPC	2006	6	3.15	73558202		66609332	79117263	694904.8
KPC	2006	7	3.15	67682053		59515322	72023253	1912766
KPC	2006	8	3.15	70214240		64432417	76940348	-472142
KPC	2006	9	3.15	75348482		66549996	79057927	2544520
KPC	2006	10	3.15	74890989		68743273	81251204	-106250
KPC	2006	11	3.15	81432231		73470501	85978432	1707764
KPC	2006	12	3.15	86496578		80915470	93423401	-672858
KPC	2007	1	3.15	82579153		82434461	94942391	-6109273
KPC	2007	2	3.15	87263813		77134181	89642112	3875666
KPC	2007	3	3.15	81763478		79079837	91587768	-3570325
KPC	2007	4	3.15	76607403		68225388	80733319	2128050
KPC	2007	5	3.15	70193314		64780210	77288141	-840861
KPC	2007	6	3.15	67167863		64610392	77118322	-3696494
KPC	2007	7	3.15	62392397		55320981	67828912	817450.9
KPC	2007	8	3.15	65648050		58306130	70814061	1087954
KPC	2007	9	3.15	68700744		62284775	74792706	162003.6
KPC	2007	10	3.15	67941933		62862189	75370120	-1174221
KPC	2007	11	3.15	72709044		66782025	79289956	-326946
KPC	2007	12	3.15	79162714		72980800	85488730	-72051
KPC	2008	1	3.15	84478260		72926162	85434093	5298132
KPC	2008	2	3.15	82790927		75954162	88462093	582799.6
KPC	2008	3	3.15	78877911		76381689	88889620	-3757744
KPC	2008	4	3.15	77236954		65173941	77681872	5809047
KPC	2008	5	3.15	72809839		63613719	76121650	2942155
KPC	2008	6	3.15	71882602		65411976	77919907	216660.9
KPC	2008	7	3.15	64955984		59154526	71662457	-452507
KPC	2008	8	3.15	70064873		62172865	74680796	1638042
KPC	2008	9	3.15	71070385		65937463	78445394	-1121044
KPC	2008	10	3.15	71362114		65609917	78117848	-501768
KPC	2008	11	3.15	78624005		69867362	82375293	2502678
KPC	2008	12	3.15	85849087		77518946	90026877	2076175

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2009	1	3.15	87353964		80272270	92780201	827728.7
KPC	2009	2	3.15	86210723		80473303	92981233	-516545
KPC	2009	3	3.15	83784097		78856112	91364043	-1325980
KPC	2009	4	3.15	76788897		70619272	83127203	-84340.9
KPC	2009	5	3.15	67672951		66065705	78573635	-4646719
KPC	2009	6	3.15	64626005		62394034	74901965	-4021995
KPC	2009	7	3.15	57680827		52553572	65061503	-1126711
KPC	2009	8	3.15	61556316		55035295	67543226	267055.3
KPC	2009	9	3.15	65844716		57797557	70305488	1793194
KPC	2009	10	3.15	65276400		58848731	71356662	173703.5
KPC	2009	11	3.15	68626784		64636067	77143998	-2263248
KPC	2009	12	3.15	74296567		69420898	81928829	-1378296
KPC	2010	1	3.15	75410535		69816293	82324224	-659724
KPC	2010	2	3.15	77803356		68583209	81091140	2966182
KPC	2010	3	3.15	75135194		68431242	80939173	449986.4
KPC	2010	4	3.15	72840324		61857108	74365039	4729250
KPC	2010	5	3.15	78230809		59094798	71602729	12882045
KPC	2010	6	3.15	67705404		65663516	78171447	-4212077
KPC	2010	7	3.15	60183129		58514566	71022497	-4585402
KPC	2010	8	3.15	61300364		57805372	70313303	-2758973
KPC	2010	9	3.15	63016528		59023291	71531222	-2260729
KPC	2010	10	3.15	66028757		57030414	69538345	2744378
KPC	2010	11	3.15	70193294		63325085	75833016	614243.1
KPC	2010	12	3.15	80290263		70312376	82820307	3723921
KPC	2011	1	3.15	79578861		73625522	86133453	-300626
KPC	2011	2	3.15	77701402		74100380	86608311	-2652944
KPC	2011	3	3.15	74079666		70132295	82640226	-2306594
KPC	2011	4	3.15	72004422		62478901	74986832	3271555
KPC	2011	5	3.15	67509382		60949783	73457714	305633.2
KPC	2011	6	3.15	70351692		58048203	70556134	6049523
KPC	2011	7	3.15	64612394		54394490	66902421	3963938
KPC	2011	8	3.15	64172617		60871853	73379784	-2953201
KPC	2011	9	3.15	67077540		61836755	74344686	-1013181
KPC	2011	10	3.15	62084520		61179409	73687340	-5348854
KPC	2011	11	3.15	72512641		62784737	75292668	3473939
KPC	2011	12	3.15	77215444		70904543	83412474	56935.72

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JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2012	1	3.15	76285184		72736218	85244149	-2705000
KPC	2012	2	3.15	74824912		70069126	82577057	-1498180
KPC	2012	3	3.15	68120260		66501734	79009665	-4635440
KPC	2012	4	3.15	61750744		58568897	71076828	-3072118
KPC	2012	5	3.15	56628531		52552914	65060845	-2178349
KPC	2012	6	3.15	55235092		48725097	61233028	256029.4
KPC	2012	7	3.15	45576968		41994937	54502868	-2671935
KPC	2012	8	3.15	47713819		42653932	55161862	-1194078
KPC	2012	9	3.15	50265612		44002622	56510553	9024.802
KPC	2012	10	3.15	47979022		43265372	55773303	-1540316
KPC	2012	11	3.15	51541977		48130230	60638160	-2842218
KPC	2012	12	3.15	57038604		52985992	65493923	-2201354
KPC	2013	1	3.15	58186004		51453641	63961572	478397.1
KPC	2013	2	3.15	60175755		50703878	63211809	3217911
KPC	2013	3	3.15	55466193.35		49212228	61720159	
KPC	2013	4	3.15	50499229.61		43286685	57711774	
KPC	2013	5	3.15	46450373.56		37827838	55072910	
KPC	2013	6	3.15	44391149.32		34781031	54001267	
KPC	2013	7	3.15	36868353		26278617	47458089	
KPC	2013	8	3.15	38988633		27536027	50441239	
KPC	2013	9	3.15	41455681.7		29187554	53723810	
KPC	2013	10	3.15	40309421.34		27282024	53336818	
KPC	2013	11	3.15	45608230.85		31861299	59355163	
KPC	2013	12	3.15	51748847.47		37319083	66178612	
KPC	2014	1	3.15	52239749.48		37157683	67321816	
KPC	2014	2	3.15	52044801.84		36337643	67751961	
KPC	2014	3	3.15	48182500.45		31423425	64941576	
KPC	2014	4	3.15	42780224.75		25225821	60334628	
KPC	2014	5	3.15	38847365.35		20455163	57239568	
KPC	2014	6	3.15	36669553.04		17507876	55831230	
KPC	2014	7	3.15	29127985.69		9213611	49042361	
KPC	2014	8	3.15	31187021.99		10552711	51821333	
KPC	2014	9	3.15	33610899.32		12278746	54943053	
KPC	2014	10	3.15	32413777.72		10406803	54420753	
KPC	2014	11	3.15	37664998.08		15002914	60327082	
KPC	2014	12	3.15	43756633.25		20458007	67055259	

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2015	1	3.15	44199146.24		20280849	68117443	
KPC	2015	2	3.15	43955557.5		19433270	68477845	
KPC	2015	3	3.15	40044722.27		14579422	65510023	
KPC	2015	4	3.15	34593867.1		8373776	60813958	
KPC	2015	5	3.15	30612447.64		3596358	57628537	
KPC	2015	6	3.15	28386067.01		622845.6	56149288	
KPC	2015	7	3.15	20795934.85		-7705594	49297463	
KPC	2015	8	3.15	22806404.85		-6410307	52023117	
KPC	2015	9	3.15	25181716.52		-4734944	55098377	
KPC	2015	10	3.15	23936028.99		-6663801	54535859	
KPC	2015	11	3.15	29138683.52		-2129715	60407082	
KPC	2015	12	3.15	35181752.82		3258919	67104586	
KPC	2016	1	3.15	35575699.97		3011525	68139875	
KPC	2016	2	3.15	35283545.38		2090441	68476650	
KPC	2016	3	3.15					
KPC	2016	4	3.15					
KPC	2016	5	3.15					
KPC	2016	6	3.15					
KPC	2016	7	3.15					
KPC	2016	8	3.15					
KPC	2016	9	3.15					
KPC	2016	10	3.15					
KPC	2016	11	3.15					
KPC	2016	12	3.15					
KPC	2003	1	4	1171230				
KPC	2003	2	4	991122				
KPC	2003	3	4	978688				
KPC	2003	4	4	867148				
KPC	2003	5	4	798937				
KPC	2003	6	4	742143				
KPC	2003	7	4	764746				
KPC	2003	8	4	825765				
KPC	2003	9	4	902695				
KPC	2003	10	4	1009775				
KPC	2003	11	4	1049780				
KPC	2003	12	4	1122778				

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Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2004	1	4	1185525		1097430	1254979	9320.123
KPC	2004	2	4	978205		922544.5	1080093	-23114
KPC	2004	3	4	969434		888897.7	1046447	1761.864
KPC	2004	4	4	865909		797227.9	954776.9	-10093.4
KPC	2004	5	4	757310		714487.1	872036.1	-35951.6
KPC	2004	6	4	724943		643700.2	801249.2	2468.281
KPC	2004	7	4	746664		689992.1	847541.1	-22102.6
KPC	2004	8	4	809509		726273.9	883822.9	4460.594
KPC	2004	9	4	885947		825188.9	982737.9	-18016.4
KPC	2004	10	4	996735		918876.8	1076426	-916.233
KPC	2004	11	4	1051727		969086.8	1126636	3865.743
KPC	2004	12	4	1157776		1045364	1202913	33637.66
KPC	2005	1	4	1145090		1117424	1274973	-51108.3
KPC	2005	2	4	966727		887690.2	1045239	262.3291
KPC	2005	3	4	955970		914076.7	1071626	-36881.2
KPC	2005	4	4	793649		765954.2	923503.2	-51079.7
KPC	2005	5	4	685653		686535	844083.9	-79656.5
KPC	2005	6	4	616908		508592.1	666141	29541.46
KPC	2005	7	4	637749		579578.7	737127.6	-20604.2
KPC	2005	8	4	715222		603383.7	760932.7	33063.78
KPC	2005	9	4	694084		605837.2	763386.2	9472.318
KPC	2005	10	4	801159		829108.6	986657.6	-106724
KPC	2005	11	4	1108078		937297.2	1094846	92006.33
KPC	2005	12	4	1026580		1008305	1165854	-60499.6
KPC	2006	1	4	1024727		931420.6	1088970	14531.96
KPC	2006	2	4	888697		827178.6	984727.6	-17256.1
KPC	2006	3	4	858144		789064.2	946613.2	-9694.73
KPC	2006	4	4	742075		664995.7	822544.7	-1695.19
KPC	2006	5	4	659439		606733.1	764282.1	-26068.6
KPC	2006	6	4	609885		543302.4	700851.4	-12191.9
KPC	2006	7	4	635988		573531.2	731080.1	-16317.7
KPC	2006	8	4	711119		632877.8	790426.7	-533.246
KPC	2006	9	4	784628		720844.6	878393.5	-14991.1
KPC	2006	10	4	909381		805871.5	963420.5	24734.99
KPC	2006	11	4	953147		889312.8	1046862	-14940.3
KPC	2006	12	4	1039977		937768.3	1095317	23434.23

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2007	1	4	1039065		1009530	1167079	-49239.6
KPC	2007	2	4	883288		785511.2	943060.2	19002.29
KPC	2007	3	4	869098		814852.7	972401.6	-24529.1
KPC	2007	4	4	751038		663421.7	820970.7	8841.776
KPC	2007	5	4	676558		608274.2	765823.1	-10490.7
KPC	2007	6	4	563168		553637.3	711186.2	-69243.8
KPC	2007	7	4	529233		542111.9	699660.9	-91653.4
KPC	2007	8	4	457458		329438.1	486987.1	49245.41
KPC	2007	9	4	1269346		1121291	1278840	69280.08
KPC	2007	10	4	976250		830113.4	987662.4	67362.1
KPC	2007	11	4	911564		809092.4	966641.4	23697.08
KPC	2007	12	4	1089287		993245.2	1150794	17267.32
KPC	2008	1	4	1099924		1024458	1182007	-3308.46
KPC	2008	2	4	939135		834995.3	992544.2	25365.26
KPC	2008	3	4	897117		832185.5	989734.5	-13843
KPC	2008	4	4	815643		688853.2	846402.2	48015.28
KPC	2008	5	4	645346		649810.7	807359.6	-83239.2
KPC	2008	6	4	575093		514493.5	672042.5	-18175
KPC	2008	7	4	743510		577771.2	735320.2	86964.28
KPC	2008	8	4	771268		692239.5	849788.4	254.0467
KPC	2008	9	4	740769		728847.2	886396.2	-66852.7
KPC	2008	10	4	985844		950153.5	1107702	-43084
KPC	2008	11	4	837552		753079.4	910628.4	5698.094
KPC	2008	12	4	1243510		1178261	1335810	-13525.3
KPC	2009	1	4	973879		977609.9	1135159	-82505.4
KPC	2009	2	4	918535		781820.2	939369.2	57940.32
KPC	2009	3	4	986969		833878.2	991427.2	74316.28
KPC	2009	4	4	742340		715505.7	873054.7	-51940.2
KPC	2009	5	4	657944		582238.3	739787.2	-3068.73
KPC	2009	6	4	686851		581138.8	738687.8	26937.72
KPC	2009	7	4	620245		596849.6	754398.6	-55379.1
KPC	2009	8	4	677799		622605.3	780154.3	-23580.8
KPC	2009	9	4	914641		739492.3	897041.2	96374.24
KPC	2009	10	4	974257		880287.6	1037837	15194.94
KPC	2009	11	4	995481		889238.5	1046787	27468.01
KPC	2009	12	4	1089040		1015286	1172835	-5020.45

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2010	1	4	901763		823154	980702.9	-165.449
KPC	2010	2	4	1100198		1021250	1178799	173.4765
KPC	2010	3	4	904182		837214.8	994763.7	-11807.3
KPC	2010	4	4	782064		695727.6	853276.5	7561.947
KPC	2010	5	4	706019		615763.2	773312.2	11481.28
KPC	2010	6	4	516420		422482.4	580031.4	15163.12
KPC	2010	7	4	861115		750854.5	908403.4	31486.07
KPC	2010	8	4	742461		683051.4	840600.4	-19364.9
KPC	2010	9	4	786798		751309.4	908858.3	-43285.9
KPC	2010	10	4	940673		832603.2	990152.2	29295.28
KPC	2010	11	4	1027887		922451.7	1080001	26660.85
KPC	2010	12	4	1044871		984183.8	1141733	-18087.3
KPC	2011	1	4	993127		991743.4	1149292	-77390.8
KPC	2011	2	4	761295		684856.7	842405.7	-2336.23
KPC	2011	3	4	1035107		963973.9	1121523	-7641.37
KPC	2011	4	4	1019921		936518.9	1094068	4627.588
KPC	2011	5	4	709717		611124.3	768673.2	19818.25
KPC	2011	6	4	657682		583257.8	740806.7	-4350.26
KPC	2011	7	4	631615		588972	746520.9	-36131.4
KPC	2011	8	4	708430		647765.5	805314.5	-18110
KPC	2011	9	4	854288		745563.3	903112.3	29950.22
KPC	2011	10	4	1073815		980860.2	1138409	14180.28
KPC	2011	11	4	1026425		913488.9	1071038	34161.62
KPC	2011	12	4	1119114		1006020	1163569	34319.76
KPC	2012	1	4	1112174		1019605	1177154	13794.06
KPC	2012	2	4	946441		856627.8	1014177	11038.76
KPC	2012	3	4	931483		855755.1	1013304	-3046.56
KPC	2012	4	4	799841		714605.8	872154.8	6460.704
KPC	2012	5	4	717805		636196.4	793745.3	2834.138
KPC	2012	6	4	651383		585024.5	742573.4	-12415.9
KPC	2012	7	4	686310		594822.6	752371.6	12712.89
KPC	2012	8	4	746731		677471.8	835020.7	-9515.27
KPC	2012	9	4	836800		753321.8	910870.8	4703.7
KPC	2012	10	4	962150		867538.9	1025088	15836.63
KPC	2012	11	4	1018817		932330.9	1089880	7711.663
KPC	2012	12	4	1114766		996050.6	1153600	39940.92

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2013	1	4	1121564		1032152	1189701	10637.81
KPC	2013	2	4	949539		856611.6	1014161	14152.91
KPC	2013	3	4	940564.8354		861790.4	1019339	
KPC	2013	4	4	800576.6583		709488.7	891664.6	
KPC	2013	5	4	715169.7507		624081.8	806257.7	
KPC	2013	6	4	666677.8664		573183.7	760172.1	
KPC	2013	7	4	684360.879		590069.5	778652.3	
KPC	2013	8	4	750992.0643		656700.7	845283.5	
KPC	2013	9	4	845290.4304		750830.6	939750.2	
KPC	2013	10	4	947857.2837		853340.8	1042374	
KPC	2013	11	4	1008500.507		913984	1103017	
KPC	2013	12	4	1081952.561		987424	1176481	
KPC	2014	1	4	1090998.521		996465.9	1185531	
KPC	2014	2	4	933299.9906		838767.4	1027833	
KPC	2014	3	4	927440.2358		832422.5	1022458	
KPC	2014	4	4	795683.7097		700503.1	890864.4	
KPC	2014	5	4	713686.0162		618505.4	808866.7	
KPC	2014	6	4	666376.8912		571161.7	761592.1	
KPC	2014	7	4	686262.1307		591035.3	781489	
KPC	2014	8	4	753805.3887		658578.5	849032.3	
KPC	2014	9	4	848420.1803		753190.8	943649.5	
KPC	2014	10	4	951576.1989		856346	1046806	
KPC	2014	11	4	1012463.431		917233.3	1107694	
KPC	2014	12	4	1086000.139		990769.8	1181230	
KPC	2015	1	4	1095203.718		999973.3	1190434	
KPC	2015	2	4	937570.4681		842340.1	1032801	
KPC	2015	3	4	931733.3609		836056.2	1027410	
KPC	2015	4	4	800019.0033		704191.8	895846.2	
KPC	2015	5	4	718038.7742		622211.6	813866	
KPC	2015	6	4	670735.7081		574876.7	766594.8	
KPC	2015	7	4	690632.2291		594762.4	786502	
KPC	2015	8	4	758180.1593		662310.4	854049.9	
KPC	2015	9	4	852796.5718		756924.5	948668.6	
KPC	2015	10	4	955955.6086		860082.8	1051828	
KPC	2015	11	4	1016844.091		920971.3	1112717	
KPC	2015	12	4	1090381.232		994508.2	1186254	

Kentucky Power Company
Retail Use Models Output

JURIS	YEAR	MONTH	revcls	KWH	USAGE	L95	U95	RESIDUAL
KPC	2016	1	4	1099585.619		1003713	1195459	
KPC	2016	2	4	941952.7033		846079.7	1037826	
KPC	2016	3	4					
KPC	2016	4	4					
KPC	2016	5	4					
KPC	2016	6	4					
KPC	2016	7	4					
KPC	2016	8	4					
KPC	2016	9	4					
KPC	2016	10	4					
KPC	2016	11	4					
KPC	2016	12	4					

SHORT-TERM LARGE INDUSTRIAL

CONFIDENTIAL

SEE CONFIDENTIAL APPENDIX

SHORT-TERM MUNICIPALS

Kentucky Power Company
Wholesale Models

bcdd65-Cooling degree days base 65
bhdd55-Heating degree days base 55

olv1, olv2, vnc1, vnc2
Binary Variables

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF OLIVE HILL	2003	1	1/1/2003	0	567.1055	2929200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	2	2/1/2003	0	792.3245	2545200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	3	3/1/2003	0	534.6742	2048400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	4	4/1/2003	15.44658	141.3428	1948800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	5	5/1/2003	38.48555	30.5659	1759200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	6	6/1/2003	52.32856	0	1802400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	7	7/1/2003	220.2774	0	2522400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	8	8/1/2003	262.7882	0	2311800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	9	9/1/2003	251.0724	0	1956000	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	10	10/1/2003	36.62018	35.6384	1899600	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	11	11/1/2003	8.639613	98.63558	1945200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2003	12	12/1/2003	0.981774	345.9772	2980200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	1	1/1/2004	0.785419	558.7277	5491800	1	1	0
KPC	5.2	CITY OF OLIVE HILL	2004	2	2/1/2004	0.261806	719.7714	2680200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	3	3/1/2004	2.356258	418.0067	2263200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	4	4/1/2004	13.0576	231.0442	1889400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	5	5/1/2004	72.52039	57.13926	1944600	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	6	6/1/2004	198.9729	3.959823	2245800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	7	7/1/2004	254.3122	0	2372400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	8	8/1/2004	251.0069	0	2116800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	9	9/1/2004	220.081	0	2262000	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	10	10/1/2004	65.41889	9.686839	1676400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	11	11/1/2004	13.0576	62.44084	1890000	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2004	12	12/1/2004	1.898097	288.0198	3109200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	1	1/1/2005	0	487.8436	2632200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	2	2/1/2005	0	585.5629	2297241	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	3	3/1/2005	0	499.7394	2515200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	4	4/1/2005	5.857919	232.2714	1809000	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	5	5/1/2005	21.56631	67.10427	1762200	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	6	6/1/2005	125.8798	9.146863	2341800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	7	7/1/2005	358.4458	0	2608800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	8	8/1/2005	457.3104	0	2551800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	9	9/1/2005	344.6682	0	2316600	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	10	10/1/2005	158.7365	5.710653	1744800	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	11	11/1/2005	9.997734	143.9445	2559000	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2005	12	12/1/2005	1.472661	488.5472	2883000	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	1	1/1/2006	0	487.7781	2774912	0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF OLIVE HILL	2006	2	2/1/2006	0	415.045	2529599	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	3	3/1/2006	1.374484	469.9099	2388699	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	4	4/1/2006	16.55926	244.1672	1791134	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	5	5/1/2006	27.8333	19.9791	1887203	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	6	6/1/2006	105.3116	3.861645	2051454	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	7	7/1/2006	260.1865	0	2596750	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	8	8/1/2006	410.1525	0	2592996	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	9	9/1/2006	260.7756	0.916323	1800516	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	10	10/1/2006	36.76744	37.9783	2019286	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	11	11/1/2006	2.53625	209.2161	2254740	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2006	12	12/1/2006	2.65079	329.9252	2662655	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	1	1/1/2007	0.294532	354.0605	2745173	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	2	2/1/2007	0	712.2772	2995023	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	3	3/1/2007	2.258081	601.1894	2239520	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	4	4/1/2007	29.4205	207.8252	1977408	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	5	5/1/2007	51.0359	78.36194	2037488	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	6	6/1/2007	180.4337	3.223492	2198936	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	7	7/1/2007	293.4687	0	2349522	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	8	8/1/2007	344.0464	0	2772236	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	9	9/1/2007	379.4557	0	2106517	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	10	10/1/2007	176.3103	6.59425	1932195	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	11	11/1/2007	29.89502	128.7597	2276993	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2007	12	12/1/2007	0	366.3981	2791299	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	1	1/1/2008	0	497.9886	3154233	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	2	2/1/2008	0	607.8164	2755285	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	3	3/1/2008	0	519.7349	2454729	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	4	4/1/2008	1.439935	234.235	1874737	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	5	5/1/2008	18.76825	52.01767	1807207	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	6	6/1/2008	111.5786	3.567113	2220862	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	7	7/1/2008	232.4187	0	2398257	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	8	8/1/2008	281.3765	0	2280182	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	9	9/1/2008	261.0538	0	2010659	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	10	10/1/2008	101.63	8.639613	1916447	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	11	11/1/2008	6.561524	169.487	2417100	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2008	12	12/1/2008	0	551.3808	2985408	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	1	1/1/2009	0	601.5658	3341437	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	2	2/1/2009	0	731.2745	2600479	0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF OLIVE HILL	2009	3	3/1/2009	4.156177	472.1025	2327908	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	4	4/1/2009	3.15804	182.25	1940017	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	5	5/1/2009	60.51002	47.1088	1845400	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	6	6/1/2009	121.7564	4.56525	2126068	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	7	7/1/2009	209.9851	0	2156011	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	8	8/1/2009	216.563	0	2330348	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	9	9/1/2009	207.0889	0	1869047	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	10	10/1/2009	73.97669	32.97125	1910873	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	11	11/1/2009	3.0435	131.2959	2135691	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2009	12	12/1/2009	0.196355	344.6518	2918176	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	1	1/1/2010	0	710.3954	3224324	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	2	2/1/2010	0	710.4609	2846013	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	3	3/1/2010	0	582.1266	2313073	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	4	4/1/2010	24.26619	135.6485	1768857	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	5	5/1/2010	38.1092	35.24569	1866358	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	6	6/1/2010	185.6862	5.710653	2248655	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	7	7/1/2010	334.1959	0	2503584	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	8	8/1/2010	389.928	0	2445421	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	9	9/1/2010	275.6167	0	1862248	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	10	10/1/2010	103.4954	11.24131	1745787	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	11	11/1/2010	9.981371	119.9237	2203616	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2010	12	12/1/2010	0	488.1054	3371815	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	1	1/1/2011	0	776.4852	3273510	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	2	2/1/2011	0	708.5792	2515192	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	3	3/1/2011	1.587202	368.1817	2311474	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	4	4/1/2011	15.29931	236.6403	1778167	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	5	5/1/2011	45.94703	45.88158	1862898	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	6	6/1/2011	172.0559	14.7757	2018483	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	7	7/1/2011	268.7607	0	2519513	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	8	8/1/2011	397.7658	0	2267571	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	9	9/1/2011	237.8512	0.163629	1737494	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	10	10/1/2011	42.41265	28.81507	1824673	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	11	11/1/2011	0.981774	144.1899	1978646	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2011	12	12/1/2011	1.472661	263.2791	2468393	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	1	1/1/2012	0	454.2342	2644911	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	2	2/1/2012	0	472.9043	2276041	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	3	3/1/2012	8.786879	339.4975	1833755	0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF OLIVE HILL	2012	4	4/1/2012	36.62018	71.4568	1644291	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	5	5/1/2012	53.24489	48.48328	1836755	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	6	6/1/2012	157.4929	0.245444	1921398	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	7	7/1/2012	352.5715	0	2398395	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	8	8/1/2012	346.8445	0	2131713	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	9	9/1/2012	244.5109	0.589065	1708288	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	10	10/1/2012	58.841	39.15643	1780482	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	11	11/1/2012	7.559661	203.44	2198436	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2012	12	12/1/2012	0	332.1342	2386433	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	1	1/1/2013	0	510.3262	2666369	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	2	2/1/2013	0	598.3259	2337106	0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	3	3/1/2013	1.736649	451.494		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	4	4/1/2013	14.05846	221.7479		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	5	5/1/2013	44.24747	56.73237		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	6	6/1/2013	136.0205	6.419712		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	7	7/1/2013	288.0869	0.032726		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	8	8/1/2013	340.3806	0		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	9	9/1/2013	265.2918	0.193082		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	10	10/1/2013	85.86815	23.35695		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	11	11/1/2013	11.3144	143.6837		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2013	12	12/1/2013	1.372302	372.9727		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	1	1/1/2014	0.271624	578.5655		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	2	2/1/2014	0.045816	617.824		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	3	3/1/2014	1.736649	451.494		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	4	4/1/2014	14.05846	221.7479		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	5	5/1/2014	44.24747	56.73237		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	6	6/1/2014	136.0205	6.419712		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	7	7/1/2014	288.0869	0.032726		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	8	8/1/2014	340.3806	0		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	9	9/1/2014	265.2918	0.193082		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	10	10/1/2014	85.86815	23.35695		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	11	11/1/2014	11.3144	143.6837		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2014	12	12/1/2014	1.372302	372.9727		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	1	1/1/2015	0.271624	578.5655		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	2	2/1/2015	0.045816	617.824		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	3	3/1/2015	1.736649	451.494		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	4	4/1/2015	14.05846	221.7479		0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF OLIVE HILL	2015	5	5/1/2015	44.24747	56.73237		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	6	6/1/2015	136.0205	6.419712		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	7	7/1/2015	288.0869	0.032726		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	8	8/1/2015	340.3806	0		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	9	9/1/2015	265.2918	0.193082		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	10	10/1/2015	85.86815	23.35695		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	11	11/1/2015	11.3144	143.6837		0	0	0
KPC	5.2	CITY OF OLIVE HILL	2015	12	12/1/2015	1.372302	372.9727		0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	1	1/1/2003	0	567.1055	7196800	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	2	2/1/2003	0	792.3245	4933800	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	3	3/1/2003	0	534.6742	5240000	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	4	4/1/2003	15.44658	141.3428	4292700	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	5	5/1/2003	38.48555	30.5659	4109500	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	6	6/1/2003	52.32856	0	4543000	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	7	7/1/2003	220.2774	0	5596500	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	8	8/1/2003	262.7882	0	5731100	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	9	9/1/2003	251.0724	0	4620900	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	10	10/1/2003	36.62018	35.6384	4660600	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	11	11/1/2003	8.639613	98.63558	5006200	0	0	0
KPC	5.2	CITY OF VANCEBURG	2003	12	12/1/2003	0.981774	345.9772	6571300	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	1	1/1/2004	0.785419	558.7277	14046200	1	1	0
KPC	5.2	CITY OF VANCEBURG	2004	2	2/1/2004	0.261806	719.7714	6448700	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	3	3/1/2004	2.356258	418.0067	5622300	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	4	4/1/2004	13.0576	231.0442	4774800	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	5	5/1/2004	72.52039	57.13926	5165900	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	6	6/1/2004	198.9729	3.959823	5227000	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	7	7/1/2004	254.3122	0	5771900	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	8	8/1/2004	251.0069	0	5463400	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	9	9/1/2004	220.081	0	4894000	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	10	10/1/2004	65.41889	9.686839	4625900	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	11	11/1/2004	13.0576	62.44084	5099800	0	0	0
KPC	5.2	CITY OF VANCEBURG	2004	12	12/1/2004	1.898097	288.0198	6754800	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	1	1/1/2005	0	487.8436	6745600	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	2	2/1/2005	0	585.5629	5941500	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	3	3/1/2005	0	499.7394	6355800	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	4	4/1/2005	5.857919	232.2714	4677400	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	5	5/1/2005	21.56631	67.10427	4702300	0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF VANCEBURG	2005	6	6/1/2005	125.8798	9.146863	5447400	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	7	7/1/2005	358.4458	0	6301700	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	8	8/1/2005	457.3104	0	6255200	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	9	9/1/2005	344.6682	0	5113200	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	10	10/1/2005	158.7365	5.710653	5019600	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	11	11/1/2005	9.997734	143.9445	5577300	0	0	0
KPC	5.2	CITY OF VANCEBURG	2005	12	12/1/2005	1.472661	488.5472	7594900	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	1	1/1/2006	0	487.7781	6398257	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	2	2/1/2006	0	415.045	6314298	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	3	3/1/2006	1.374484	469.9099	6145647	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	4	4/1/2006	16.55926	244.1672	4667655	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	5	5/1/2006	27.8333	19.9791	5015456	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	6	6/1/2006	105.3116	3.861645	5415456	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	7	7/1/2006	260.1865	0	6364417	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	8	8/1/2006	410.1525	0	6583382	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	9	9/1/2006	260.7756	0.916323	5034548	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	10	10/1/2006	36.76744	37.9783	5601748	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	11	11/1/2006	2.53625	209.2161	5947180	0	0	0
KPC	5.2	CITY OF VANCEBURG	2006	12	12/1/2006	2.65079	329.9252	6807119	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	1	1/1/2007	0.294532	354.0605	6588896	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	2	2/1/2007	0	712.2772	7202739	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	3	3/1/2007	2.258081	601.1894	6068974	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	4	4/1/2007	29.4205	207.8252	5517935	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	5	5/1/2007	51.0359	78.36194	5427061	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	6	6/1/2007	180.4337	3.223492	5802358	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	7	7/1/2007	293.4687	0	6033322	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	8	8/1/2007	344.0464	0	6768081	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	9	9/1/2007	379.4557	0	5222239	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	10	10/1/2007	176.3103	6.59425	4820080	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	11	11/1/2007	29.89502	128.7597	5498788	0	0	0
KPC	5.2	CITY OF VANCEBURG	2007	12	12/1/2007	0	366.3981	6876039	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	1	1/1/2008	0	497.9886	7869550	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	2	2/1/2008	0	607.8164	7046240	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	3	3/1/2008	0	519.7349	6590161	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	4	4/1/2008	1.439935	234.235	5051722	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	5	5/1/2008	18.76825	52.01767	4953384	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	6	6/1/2008	111.5786	3.567113	5619318	0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF VANCEBURG	2008	7	7/1/2008	232.4187	0	6184453	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	8	8/1/2008	281.3765	0	5845131	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	9	9/1/2008	261.0538	0	4987397	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	10	10/1/2008	101.63	8.639613	5121746	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	11	11/1/2008	6.561524	169.487	5868990	0	0	0
KPC	5.2	CITY OF VANCEBURG	2008	12	12/1/2008	0	551.3808	6684470	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	1	1/1/2009	0	601.5658	7669855	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	2	2/1/2009	0	731.2745	5961478	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	3	3/1/2009	4.156177	472.1025	5401225	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	4	4/1/2009	3.15804	182.25	4657686	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	5	5/1/2009	60.51002	47.1088	4531689	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	6	6/1/2009	121.7564	4.56525	5244464	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	7	7/1/2009	209.9851	0	5288042	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	8	8/1/2009	216.563	0	5730604	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	9	9/1/2009	207.0889	0	4833290	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	10	10/1/2009	73.97669	32.97125	5002297	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	11	11/1/2009	3.0435	131.2959	5190393	0	0	0
KPC	5.2	CITY OF VANCEBURG	2009	12	12/1/2009	0.196355	344.6518	6753397	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	1	1/1/2010	0	710.3954	7579071	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	2	2/1/2010	0	710.4609	6757084	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	3	3/1/2010	0	582.1266	5812924	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	4	4/1/2010	24.26619	135.6485	4841453	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	5	5/1/2010	38.1092	35.24569	5183562	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	6	6/1/2010	185.6862	5.710653	5963525	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	7	7/1/2010	334.1959	0	6592324	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	8	8/1/2010	389.928	0	6489495	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	9	9/1/2010	275.6167	0	5242998	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	10	10/1/2010	103.4954	11.24131	5076465	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	11	11/1/2010	9.981371	119.9237	5784041	0	0	0
KPC	5.2	CITY OF VANCEBURG	2010	12	12/1/2010	0	488.1054	7769632	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	1	1/1/2011	0	776.4852	7785463	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	2	2/1/2011	0	708.5792	6283390	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	3	3/1/2011	1.587202	368.1817	6105289	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	4	4/1/2011	15.29931	236.6403	4946921	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	5	5/1/2011	45.94703	45.88158	4076127	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	6	6/1/2011	172.0559	14.7757	5450874	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	7	7/1/2011	268.7607	0	6331082	0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF VANCEBURG	2011	8	8/1/2011	397.7658	0	5735701	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	9	9/1/2011	237.8512	0.163629	4614793	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	10	10/1/2011	42.41265	28.81507	4792815	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	11	11/1/2011	0.981774	144.1899	5212036	0	0	0
KPC	5.2	CITY OF VANCEBURG	2011	12	12/1/2011	1.472661	263.2791	6251902	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	1	1/1/2012	0	454.2342	6718523	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	2	2/1/2012	0	472.9043	6092541	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	3	3/1/2012	8.786879	339.4975	5306366	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	4	4/1/2012	36.62018	71.4568	4943293	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	5	5/1/2012	53.24489	48.48328	5453549	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	6	6/1/2012	157.4929	0.245444	5582373	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	7	7/1/2012	352.5715	0	4478214	0	0	-1
KPC	5.2	CITY OF VANCEBURG	2012	8	8/1/2012	346.8445	0	8129155	0	0	1
KPC	5.2	CITY OF VANCEBURG	2012	9	9/1/2012	244.5109	0.589065	5145410	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	10	10/1/2012	58.841	39.15643	5081638	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	11	11/1/2012	7.559661	203.44	5965852	0	0	0
KPC	5.2	CITY OF VANCEBURG	2012	12	12/1/2012	0	332.1342	6499653	0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	1	1/1/2013	0	510.3262	7082293	0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	2	2/1/2013	0	598.3259	6358163	0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	3	3/1/2013	1.736649	451.494		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	4	4/1/2013	14.05846	221.7479		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	5	5/1/2013	44.24747	56.73237		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	6	6/1/2013	136.0205	6.419712		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	7	7/1/2013	288.0869	0.032726		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	8	8/1/2013	340.3806	0		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	9	9/1/2013	265.2918	0.193082		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	10	10/1/2013	85.86815	23.35695		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	11	11/1/2013	11.3144	143.6837		0	0	0
KPC	5.2	CITY OF VANCEBURG	2013	12	12/1/2013	1.372302	372.9727		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	1	1/1/2014	0.271624	578.5655		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	2	2/1/2014	0.045816	617.824		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	3	3/1/2014	1.736649	451.494		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	4	4/1/2014	14.05846	221.7479		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	5	5/1/2014	44.24747	56.73237		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	6	6/1/2014	136.0205	6.419712		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	7	7/1/2014	288.0869	0.032726		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	8	8/1/2014	340.3806	0		0	0	0

Kentucky Power Company
Wholesale Models Input Data

JURIS	revcls	name	YEAR	MONTH	time	bcdd65	bhdd55	KWH	OLV1	VNC1	VNC2
KPC	5.2	CITY OF VANCEBURG	2014	9	9/1/2014	265.2918	0.193082		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	10	10/1/2014	85.86815	23.35695		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	11	11/1/2014	11.3144	143.6837		0	0	0
KPC	5.2	CITY OF VANCEBURG	2014	12	12/1/2014	1.372302	372.9727		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	1	1/1/2015	0.271624	578.5655		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	2	2/1/2015	0.045816	617.824		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	3	3/1/2015	1.736649	451.494		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	4	4/1/2015	14.05846	221.7479		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	5	5/1/2015	44.24747	56.73237		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	6	6/1/2015	136.0205	6.419712		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	7	7/1/2015	288.0869	0.032726		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	8	8/1/2015	340.3806	0		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	9	9/1/2015	265.2918	0.193082		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	10	10/1/2015	85.86815	23.35695		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	11	11/1/2015	11.3144	143.6837		0	0	0
KPC	5.2	CITY OF VANCEBURG	2015	12	12/1/2015	1.372302	372.9727		0	0	0

Kentucky Power Company Muni/Coop Models
CITY OF OLIVE HILL

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-14324.7	15939.9	-0.90	0.3709	0	KWH	0
AR1,1	-0.34060	0.10181	-3.35	0.0011	1	KWH	0
AR2,1	0.42412	0.09307	4.56	<.0001	3	KWH	0
AR3,1	-0.40696	0.09439	-4.31	<.0001	12	KWH	0
NUM1	1358.5	295.09240	4.60	<.0001	0	bcdd65	0
NUM2	1392.5	191.68034	7.26	<.0001	0	bhdd55	0
NUM3	2643446.6	127055.4	20.81	<.0001	0	OLV1	0

Constant Estimate -15559.6

Variance Estimate 3.212E10

Std Error Estimate 179222.2

AIC 2980.138

SBC 2999.041

Number of Residuals 110

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter	KWH MU	KWH AR1,1	KWH AR2,1	KWH AR3,1	bcdd65 NUM1	bhdd55 NUM2	OLV1 NUM3
KWH MU	1.000	-0.006	-0.029	-0.023	-0.045	0.053	-0.003
KWH AR1,1	-0.006	1.000	-0.006	-0.016	-0.246	-0.363	0.018
KWH AR2,1	-0.029	-0.006	1.000	-0.127	-0.006	0.025	-0.011
KWH AR3,1	-0.023	-0.016	-0.127	1.000	0.090	-0.115	0.005
bcdd65 NUM1	-0.045	-0.246	-0.006	0.090	1.000	0.156	-0.035
bhdd55 NUM2	0.053	-0.363	0.025	-0.115	0.156	1.000	-0.055
OLV1 NUM3	-0.003	0.018	-0.011	0.005	-0.035	-0.055	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	5.57	3	0.1348	-0.022	-0.103	-0.066	0.114	-0.012	0.138
12	8.97	9	0.4397	0.082	0.018	0.042	-0.004	0.128	-0.049
18	17.86	15	0.2698	0.061	0.100	0.164	-0.097	0.062	-0.118
24	26.70	21	0.1810	0.104	0.043	0.036	-0.017	0.193	-0.107

Kentucky Power Company Muni/Coop Models
CITY OF OLIVE HILL

The ARIMA Procedure

Model for variable KWH

Estimated Intercept	-14324.7
Period(s) of Differencing	12

Autoregressive Factors

Factor 1:	$1 + 0.3406 B^{**}(1)$
Factor 2:	$1 - 0.42412 B^{**}(3)$
Factor 3:	$1 + 0.40696 B^{**}(12)$

Input Number 1

Input Variable	bcdd65
Period(s) of Differencing	12
Overall Regression Factor	1358.496

Input Number 2

Input Variable	bhdd55
Period(s) of Differencing	12
Overall Regression Factor	1392.491

Input Number 3

Input Variable	OLV1
Period(s) of Differencing	12
Overall Regression Factor	2643447

Kentucky Power Company Muni/Coop Models
CITY OF VANCEBURG

The ARIMA Procedure

Conditional Least Squares Estimation

Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	57027.6	41088.7	1.39	0.1682	0	KWH	0
MA1,1	0.63429	0.08161	7.77	<.0001	12	KWH	0
AR1,1	0.22291	0.10125	2.20	0.0299	1	KWH	0
AR1,2	0.34486	0.09271	3.72	0.0003	3	KWH	0
NUM1	1806.8	1040.2	1.74	0.0854	0	bcdd65	0
NUM2	1553.2	581.61645	2.67	0.0088	0	bhdd55	0
NUM3	6840798.6	364788.3	18.75	<.0001	0	VNC1	0
NUM4	1831198.5	265712.4	6.89	<.0001	0	VNC2	0

Constant Estimate 24649.15
 Variance Estimate 1.867E11
 Std Error Estimate 432053
 AIC 3174.647
 SBC 3196.251
 Number of Residuals 110

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates

Variable Parameter	KWH MU	KWH MA1,1	KWH AR1,1	KWH AR1,2	bcdd65 NUM1	bhdd55 NUM2	VNC1 NUM3	VNC2 NUM4
KWH MU	1.000	0.142	0.006	0.010	-0.059	0.042	0.010	-0.021
KWH MA1,1	0.142	1.000	0.093	0.116	-0.101	-0.029	0.126	-0.115
KWH AR1,1	0.006	0.093	1.000	-0.239	-0.289	-0.363	0.060	-0.044
KWH AR1,2	0.010	0.116	-0.239	1.000	0.016	0.057	0.016	-0.089
bcdd65 NUM1	-0.059	-0.101	-0.289	0.016	1.000	0.174	-0.052	0.178
bhdd55 NUM2	0.042	-0.029	-0.363	0.057	0.174	1.000	-0.024	0.073
VNC1 NUM3	0.010	0.126	0.060	0.016	-0.052	-0.024	1.000	-0.022
VNC2 NUM4	-0.021	-0.115	-0.044	-0.089	0.178	0.073	-0.022	1.000

Autocorrelation Check of Residuals

To Lag	Chi-Square	DF	Pr > ChiSq	-----Autocorrelations-----					
6	3.08	3	0.3789	-0.060	0.102	-0.030	0.098	-0.032	-0.034
12	5.12	9	0.8238	0.034	0.009	0.105	0.065	-0.008	0.008
18	8.76	15	0.8900	-0.107	0.015	0.006	-0.053	0.094	-0.068
24	11.64	21	0.9489	0.070	-0.003	0.070	-0.077	0.065	0.025

Kentucky Power Company Muni/Coop Models
CITY OF VANCEBURG

The ARIMA Procedure

Model for variable KWH

Estimated Intercept	57027.58
Period(s) of Differencing	12

Autoregressive Factors

Factor 1: $1 - 0.22291 B^{(1)} - 0.34486 B^{(3)}$

Moving Average Factors

Factor 1: $1 - 0.63429 B^{(12)}$

Input Number 1

Input Variable	bodd65
Period(s) of Differencing	12
Overall Regression Factor	1806.82

Input Number 2

Input Variable	bhdd55
Period(s) of Differencing	12
Overall Regression Factor	1553.199

Input Number 3

Input Variable	VNC1
Period(s) of Differencing	12
Overall Regression Factor	6840799

Input Number 4

Input Variable	VNC2
Period(s) of Differencing	12
Overall Regression Factor	1831198

Kentucky Power Company
Wholesale Models Output

JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC		5.2 CITY OF OLIVE HILL	2003	1	1/1/2003	2929200			
KPC		5.2 CITY OF OLIVE HILL	2003	2	2/1/2003	2545200			
KPC		5.2 CITY OF OLIVE HILL	2003	3	3/1/2003	2048400			
KPC		5.2 CITY OF OLIVE HILL	2003	4	4/1/2003	1948800			
KPC		5.2 CITY OF OLIVE HILL	2003	5	5/1/2003	1759200			
KPC		5.2 CITY OF OLIVE HILL	2003	6	6/1/2003	1802400			
KPC		5.2 CITY OF OLIVE HILL	2003	7	7/1/2003	2522400			
KPC		5.2 CITY OF OLIVE HILL	2003	8	8/1/2003	2311800			
KPC		5.2 CITY OF OLIVE HILL	2003	9	9/1/2003	1956000			
KPC		5.2 CITY OF OLIVE HILL	2003	10	10/1/2003	1899600			
KPC		5.2 CITY OF OLIVE HILL	2003	11	11/1/2003	1945200			
KPC		5.2 CITY OF OLIVE HILL	2003	12	12/1/2003	2980200			
KPC		5.2 CITY OF OLIVE HILL	2004	1	1/1/2004	5491800	5196453.716	5898991.942	-55922.82903
KPC		5.2 CITY OF OLIVE HILL	2004	2	2/1/2004	2680200	2097979.767	2800517.993	230951.1204
KPC		5.2 CITY OF OLIVE HILL	2004	3	3/1/2004	2263200	1438398.536	2140936.762	473532.3512
KPC		5.2 CITY OF OLIVE HILL	2004	4	4/1/2004	1889400	1548867.05	2251405.276	-10736.16313
KPC		5.2 CITY OF OLIVE HILL	2004	5	5/1/2004	1944600	1631588.638	2334126.864	-38257.75056
KPC		5.2 CITY OF OLIVE HILL	2004	6	6/1/2004	2245800	1802696.516	2505234.742	91834.37065
KPC		5.2 CITY OF OLIVE HILL	2004	7	7/1/2004	2372400	2102258.79	2804797.016	-81127.90339
KPC		5.2 CITY OF OLIVE HILL	2004	8	8/1/2004	2116800	2017478.396	2720016.622	-251947.509
KPC		5.2 CITY OF OLIVE HILL	2004	9	9/1/2004	2262000	1728519.789	2431058.015	182211.0979
KPC		5.2 CITY OF OLIVE HILL	2004	10	10/1/2004	1676400	1372942.616	2075480.842	-47811.72901
KPC		5.2 CITY OF OLIVE HILL	2004	11	11/1/2004	1890000	1511248.644	2213786.87	27482.24312
KPC		5.2 CITY OF OLIVE HILL	2004	12	12/1/2004	3109200	2663870.997	3366409.223	94059.8903
KPC		5.2 CITY OF OLIVE HILL	2005	1	1/1/2005	2632200	2292364.545	2994902.771	-11433.65811
KPC		5.2 CITY OF OLIVE HILL	2005	2	2/1/2005	2297241	2039028.497	2741566.723	-93056.6098
KPC		5.2 CITY OF OLIVE HILL	2005	3	3/1/2005	2515200	1972288.582	2674826.808	191642.3048
KPC		5.2 CITY OF OLIVE HILL	2005	4	4/1/2005	1809000	1455965.609	2158503.835	1765.278233
KPC		5.2 CITY OF OLIVE HILL	2005	5	5/1/2005	1762200	1467310.729	2169848.955	-56379.84167
KPC		5.2 CITY OF OLIVE HILL	2005	6	6/1/2005	2341800	1828993.625	2531531.851	161537.2619
KPC		5.2 CITY OF OLIVE HILL	2005	7	7/1/2005	2608800	2110243.01	2812781.236	147287.8771
KPC		5.2 CITY OF OLIVE HILL	2005	8	8/1/2005	2551800	2040596.794	2743135.02	159934.0927
KPC		5.2 CITY OF OLIVE HILL	2005	9	9/1/2005	2316600	2003478.456	2706016.682	-38147.56936
KPC		5.2 CITY OF OLIVE HILL	2005	10	10/1/2005	1744800	1561247.466	2263785.692	-167716.5787
KPC		5.2 CITY OF OLIVE HILL	2005	11	11/1/2005	2559000	1723161.341	2425699.567	484569.5462
KPC		5.2 CITY OF OLIVE HILL	2005	12	12/1/2005	2883000	2770351.592	3472889.818	-238620.7051
KPC		5.2 CITY OF OLIVE HILL	2006	1	1/1/2006	2774912	2398156.188	3100694.414	25486.69868

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC	5.2	CITY OF OLIVE HILL	2006	2	2/1/2006	2529599	1954682.896	2657221.123	223646.9905
KPC	5.2	CITY OF OLIVE HILL	2006	3	3/1/2006	2388699	1820347.23	2522885.456	217082.6567
KPC	5.2	CITY OF OLIVE HILL	2006	4	4/1/2006	1791134	1492488.88	2195027.107	-52623.99347
KPC	5.2	CITY OF OLIVE HILL	2006	5	5/1/2006	1887203	1595934.11	2298472.336	-60000.22301
KPC	5.2	CITY OF OLIVE HILL	2006	6	6/1/2006	2051454	1862652.563	2565190.789	-162467.6763
KPC	5.2	CITY OF OLIVE HILL	2006	7	7/1/2006	2596750	2093167.301	2795705.527	152313.5863
KPC	5.2	CITY OF OLIVE HILL	2006	8	8/1/2006	2592996	2047396.567	2749934.793	194330.3198
KPC	5.2	CITY OF OLIVE HILL	2006	9	9/1/2006	1800516	1769567.267	2472105.493	-320320.3804
KPC	5.2	CITY OF OLIVE HILL	2006	10	10/1/2006	2019286	1474102.105	2176640.331	193914.7821
KPC	5.2	CITY OF OLIVE HILL	2006	11	11/1/2006	2254740	2012338.773	2714877	-108867.8865
KPC	5.2	CITY OF OLIVE HILL	2006	12	12/1/2006	2662655	2389334.568	3091872.794	-77948.68108
KPC	5.2	CITY OF OLIVE HILL	2007	1	1/1/2007	2745173	2328010.628	3030548.854	65893.25944
KPC	5.2	CITY OF OLIVE HILL	2007	2	2/1/2007	2995023	2299818.882	3002357.108	343935.0054
KPC	5.2	CITY OF OLIVE HILL	2007	3	3/1/2007	2239520	2048234.252	2750772.478	-159983.3648
KPC	5.2	CITY OF OLIVE HILL	2007	4	4/1/2007	1977408	1597622.755	2300160.981	28516.13228
KPC	5.2	CITY OF OLIVE HILL	2007	5	5/1/2007	2037488	1625020.669	2327558.895	61198.21788
KPC	5.2	CITY OF OLIVE HILL	2007	6	6/1/2007	2198936	1730343.611	2432881.837	117323.2759
KPC	5.2	CITY OF OLIVE HILL	2007	7	7/1/2007	2349522	2276660.279	2979198.505	-278407.392
KPC	5.2	CITY OF OLIVE HILL	2007	8	8/1/2007	2772236	2252439.18	2954977.406	168527.7068
KPC	5.2	CITY OF OLIVE HILL	2007	9	9/1/2007	2106517	1643316.752	2345854.978	111931.1352
KPC	5.2	CITY OF OLIVE HILL	2007	10	10/1/2007	1932195	1532268.82	2234807.046	48657.06697
KPC	5.2	CITY OF OLIVE HILL	2007	11	11/1/2007	2276993	2091458.389	2793996.615	-165734.5017
KPC	5.2	CITY OF OLIVE HILL	2007	12	12/1/2007	2791299	2401105.836	3103644.062	38924.0512
KPC	5.2	CITY OF OLIVE HILL	2008	1	1/1/2008	3154233	2454056.202	3156594.428	348907.6853
KPC	5.2	CITY OF OLIVE HILL	2008	2	2/1/2008	2755285	2333251.341	3035789.567	70764.54637
KPC	5.2	CITY OF OLIVE HILL	2008	3	3/1/2008	2454729	1942519.885	2645058.111	160940.002
KPC	5.2	CITY OF OLIVE HILL	2008	4	4/1/2008	1874737	1580557.77	2283095.996	-57089.88339
KPC	5.2	CITY OF OLIVE HILL	2008	5	5/1/2008	1807207	1587309.891	2289848.117	-131372.0041
KPC	5.2	CITY OF OLIVE HILL	2008	6	6/1/2008	2220862	1838596.915	2541135.141	30995.97215
KPC	5.2	CITY OF OLIVE HILL	2008	7	7/1/2008	2398257	1996363.096	2698901.322	50624.79072
KPC	5.2	CITY OF OLIVE HILL	2008	8	8/1/2008	2280182	2147663.317	2850201.543	-218750.4297
KPC	5.2	CITY OF OLIVE HILL	2008	9	9/1/2008	2010659	1658038.52	2360576.746	1351.367262
KPC	5.2	CITY OF OLIVE HILL	2008	10	10/1/2008	1916447	1543888.369	2246426.595	21289.51786
KPC	5.2	CITY OF OLIVE HILL	2008	11	11/1/2008	2417100	1775406.622	2477944.848	290424.2646
KPC	5.2	CITY OF OLIVE HILL	2008	12	12/1/2008	2985408	2606051.063	3308589.289	28087.82375
KPC	5.2	CITY OF OLIVE HILL	2009	1	1/1/2009	3341437	2869799.586	3572337.812	120368.3006
KPC	5.2	CITY OF OLIVE HILL	2009	2	2/1/2009	2600479	2618976.016	3321514.243	-369766.1295

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC		5.2 CITY OF OLIVE HILL	2009	3	3/1/2009	2327908	2026051.902	2728590.128	-49413.01546
KPC		5.2 CITY OF OLIVE HILL	2009	4	4/1/2009	1940017	1505609.224	2208147.45	83138.66305
KPC		5.2 CITY OF OLIVE HILL	2009	5	5/1/2009	1845400	1382815.898	2085354.124	111314.9892
KPC		5.2 CITY OF OLIVE HILL	2009	6	6/1/2009	2126068	1823651.849	2526190.075	-48852.9618
KPC		5.2 CITY OF OLIVE HILL	2009	7	7/1/2009	2156011	2018735.123	2721273.349	-213993.2358
KPC		5.2 CITY OF OLIVE HILL	2009	8	8/1/2009	2330348	2027567.388	2730105.614	-48488.50092
KPC		5.2 CITY OF OLIVE HILL	2009	9	9/1/2009	1869047	1516095.802	2218634.028	1682.084795
KPC		5.2 CITY OF OLIVE HILL	2009	10	10/1/2009	1910873	1450246.766	2152784.992	109357.121
KPC		5.2 CITY OF OLIVE HILL	2009	11	11/1/2009	2135691	1900165.898	2602704.124	-115744.011
KPC		5.2 CITY OF OLIVE HILL	2009	12	12/1/2009	2918176	2395258.508	3097796.734	171648.3795
KPC		5.2 CITY OF OLIVE HILL	2010	1	1/1/2010	3224324	3049858.646	3752396.872	-176803.7593
KPC		5.2 CITY OF OLIVE HILL	2010	2	2/1/2010	2846013	2352872.371	3055410.597	141871.5161
KPC		5.2 CITY OF OLIVE HILL	2010	3	3/1/2010	2313073	2144337.833	2846876.059	-182533.9457
KPC		5.2 CITY OF OLIVE HILL	2010	4	4/1/2010	1768857	1467951.811	2170490.037	-50363.92408
KPC		5.2 CITY OF OLIVE HILL	2010	5	5/1/2010	1866358	1487329.099	2189867.325	27759.78837
KPC		5.2 CITY OF OLIVE HILL	2010	6	6/1/2010	2248655	1811098.191	2513636.417	86287.69564
KPC		5.2 CITY OF OLIVE HILL	2010	7	7/1/2010	2503584	1986502.721	2689040.947	165812.1659
KPC		5.2 CITY OF OLIVE HILL	2010	8	8/1/2010	2445421	2126478.379	2829016.605	-32326.49196
KPC		5.2 CITY OF OLIVE HILL	2010	9	9/1/2010	1862248	1649590.311	2352128.537	-138611.4241
KPC		5.2 CITY OF OLIVE HILL	2010	10	10/1/2010	1745787	1635906.906	2338445.132	-241389.0193
KPC		5.2 CITY OF OLIVE HILL	2010	11	11/1/2010	2203616	1899387.378	2601925.604	-47040.49113
KPC		5.2 CITY OF OLIVE HILL	2010	12	12/1/2010	3371815	2603380.951	3305919.177	417164.9357
KPC		5.2 CITY OF OLIVE HILL	2011	1	1/1/2011	3273510	2848785.767	3551323.993	73455.11963
KPC		5.2 CITY OF OLIVE HILL	2011	2	2/1/2011	2515192	2384257.133	3086795.359	-220334.246
KPC		5.2 CITY OF OLIVE HILL	2011	3	3/1/2011	2311474	1933735.934	2636274.16	26468.95296
KPC		5.2 CITY OF OLIVE HILL	2011	4	4/1/2011	1778167	1492838.919	2195377.145	-65941.03203
KPC		5.2 CITY OF OLIVE HILL	2011	5	5/1/2011	1862898	1442836.523	2145374.749	68792.36387
KPC		5.2 CITY OF OLIVE HILL	2011	6	6/1/2011	2018483	1927932.074	2630470.3	-260718.1868
KPC		5.2 CITY OF OLIVE HILL	2011	7	7/1/2011	2519513	2005866.569	2708404.795	162377.3176
KPC		5.2 CITY OF OLIVE HILL	2011	8	8/1/2011	2267571	2052076.964	2754615.19	-135775.0772
KPC		5.2 CITY OF OLIVE HILL	2011	9	9/1/2011	1737494	1476479.856	2179018.082	-90254.96886
KPC		5.2 CITY OF OLIVE HILL	2011	10	10/1/2011	1824673	1475512.303	2178050.529	-2108.415978
KPC		5.2 CITY OF OLIVE HILL	2011	11	11/1/2011	1978646	1730471.084	2433009.31	-103094.1969
KPC		5.2 CITY OF OLIVE HILL	2011	12	12/1/2011	2468393	2581355.89	3283894.116	-464232.003
KPC		5.2 CITY OF OLIVE HILL	2012	1	1/1/2012	2644911	2653478.444	3356016.67	-359836.5566
KPC		5.2 CITY OF OLIVE HILL	2012	2	2/1/2012	2276041	1938788.63	2641326.857	-14016.74352
KPC		5.2 CITY OF OLIVE HILL	2012	3	3/1/2012	1833755	1571334.063	2273872.289	-88848.17583

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC	5.2	CITY OF OLIVE HILL	2012	4	4/1/2012	1644291	1216126.321	1918664.547	76895.56598
KPC	5.2	CITY OF OLIVE HILL	2012	5	5/1/2012	1836755	1467615.826	2170154.053	17870.06052
KPC	5.2	CITY OF OLIVE HILL	2012	6	6/1/2012	1921398	1574952.608	2277490.834	-4823.7214
KPC	5.2	CITY OF OLIVE HILL	2012	7	7/1/2012	2398395	2234975.244	2937513.47	-187849.3566
KPC	5.2	CITY OF OLIVE HILL	2012	8	8/1/2012	2131713	1954660.051	2657198.278	-174216.1645
KPC	5.2	CITY OF OLIVE HILL	2012	9	9/1/2012	1708288	1388782.046	2091320.272	-31763.15875
KPC	5.2	CITY OF OLIVE HILL	2012	10	10/1/2012	1780482	1359096.923	2061635.149	70115.96366
KPC	5.2	CITY OF OLIVE HILL	2012	11	11/1/2012	2198436	1723504.172	2426042.398	123662.7151
KPC	5.2	CITY OF OLIVE HILL	2012	12	12/1/2012	2386433	2377059.407	3079597.633	-341895.5199
KPC	5.2	CITY OF OLIVE HILL	2013	1	1/1/2013	2666369	2550844.191	3253382.417	-235744.304
KPC	5.2	CITY OF OLIVE HILL	2013	2	2/1/2013	2337106	2100131.015	2802669.241	-114294.1277
KPC	5.2	CITY OF OLIVE HILL	2013	3	3/1/2013	2000286.071	1649016.958	2351555.184	
KPC	5.2	CITY OF OLIVE HILL	2013	4	4/1/2013	1719897.665	1348812.115	2090983.215	
KPC	5.2	CITY OF OLIVE HILL	2013	5	5/1/2013	1810820.453	1437504.082	2184136.824	
KPC	5.2	CITY OF OLIVE HILL	2013	6	6/1/2013	1842697.631	1445686.947	2239708.316	
KPC	5.2	CITY OF OLIVE HILL	2013	7	7/1/2013	2363114.192	1963445.648	2762782.735	
KPC	5.2	CITY OF OLIVE HILL	2013	8	8/1/2013	2120805.001	1720829.262	2520780.74	
KPC	5.2	CITY OF OLIVE HILL	2013	9	9/1/2013	1705707.6	1301570.273	2109844.927	
KPC	5.2	CITY OF OLIVE HILL	2013	10	10/1/2013	1798118.381	1393501.039	2202735.724	
KPC	5.2	CITY OF OLIVE HILL	2013	11	11/1/2013	2044080.831	1639407.839	2448753.824	
KPC	5.2	CITY OF OLIVE HILL	2013	12	12/1/2013	2485577.723	2080162.977	2890992.469	
KPC	5.2	CITY OF OLIVE HILL	2014	1	1/1/2014	2760482.687	2354981.978	3165983.395	
KPC	5.2	CITY OF OLIVE HILL	2014	2	2/1/2014	2388752.121	1983241.44	2794262.801	
KPC	5.2	CITY OF OLIVE HILL	2014	3	3/1/2014	1967267.507	1506534.907	2428000.108	
KPC	5.2	CITY OF OLIVE HILL	2014	4	4/1/2014	1739897.511	1273181.379	2206613.643	
KPC	5.2	CITY OF OLIVE HILL	2014	5	5/1/2014	1800226.741	1332821.416	2267632.065	
KPC	5.2	CITY OF OLIVE HILL	2014	6	6/1/2014	1844221.761	1369234.323	2319209.198	
KPC	5.2	CITY OF OLIVE HILL	2014	7	7/1/2014	2320934.209	1845074.989	2796793.429	
KPC	5.2	CITY OF OLIVE HILL	2014	8	8/1/2014	2101221.823	1625261.571	2577182.075	
KPC	5.2	CITY OF OLIVE HILL	2014	9	9/1/2014	1697029.236	1219696.135	2174362.337	
KPC	5.2	CITY OF OLIVE HILL	2014	10	10/1/2014	1776456.726	1298964.615	2253948.836	
KPC	5.2	CITY OF OLIVE HILL	2014	11	11/1/2014	2054830.816	1577320.262	2532341.37	
KPC	5.2	CITY OF OLIVE HILL	2014	12	12/1/2014	2448621.155	1970864.576	2926377.734	
KPC	5.2	CITY OF OLIVE HILL	2015	1	1/1/2015	2740713.27	2262928.158	3218498.382	
KPC	5.2	CITY OF OLIVE HILL	2015	2	2/1/2015	2358601.56	1880813.138	2836389.982	
KPC	5.2	CITY OF OLIVE HILL	2015	3	3/1/2015	1960399.634	1410119.688	2510679.581	
KPC	5.2	CITY OF OLIVE HILL	2015	4	4/1/2015	1711546.715	1153466.234	2269627.196	

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC		5.2 CITY OF OLIVE HILL	2015	5	5/1/2015	1784361.21	1225382.835	2343339.586	
KPC		5.2 CITY OF OLIVE HILL	2015	6	6/1/2015	1823383.221	1254581.78	2392184.661	
KPC		5.2 CITY OF OLIVE HILL	2015	7	7/1/2015	2317921.211	1747991.155	2887851.267	
KPC		5.2 CITY OF OLIVE HILL	2015	8	8/1/2015	2089027.592	1518966.749	2659088.434	
KPC		5.2 CITY OF OLIVE HILL	2015	9	9/1/2015	1680379.559	1108540.91	2252218.209	
KPC		5.2 CITY OF OLIVE HILL	2015	10	10/1/2015	1765107.567	1193063.032	2337152.103	
KPC		5.2 CITY OF OLIVE HILL	2015	11	11/1/2015	2030297.649	1458229.233	2602366.064	
KPC		5.2 CITY OF OLIVE HILL	2015	12	12/1/2015	2443495.238	1871108.294	3015882.183	
KPC		5.2 CITY OF VANCEBURG	2003	1	1/1/2003	7196800			
KPC		5.2 CITY OF VANCEBURG	2003	2	2/1/2003	4933800			
KPC		5.2 CITY OF VANCEBURG	2003	3	3/1/2003	5240000			
KPC		5.2 CITY OF VANCEBURG	2003	4	4/1/2003	4292700			
KPC		5.2 CITY OF VANCEBURG	2003	5	5/1/2003	4109500			
KPC		5.2 CITY OF VANCEBURG	2003	6	6/1/2003	4543000			
KPC		5.2 CITY OF VANCEBURG	2003	7	7/1/2003	5596500			
KPC		5.2 CITY OF VANCEBURG	2003	8	8/1/2003	5731100			
KPC		5.2 CITY OF VANCEBURG	2003	9	9/1/2003	4620900			
KPC		5.2 CITY OF VANCEBURG	2003	10	10/1/2003	4660600			
KPC		5.2 CITY OF VANCEBURG	2003	11	11/1/2003	5006200			
KPC		5.2 CITY OF VANCEBURG	2003	12	12/1/2003	6571300			
KPC		5.2 CITY OF VANCEBURG	2004	1	1/1/2004	14046200	13236224.55	14929841.31	-36832.93201
KPC		5.2 CITY OF VANCEBURG	2004	2	2/1/2004	6448700	4023592.401	5717209.16	1578299.219
KPC		5.2 CITY OF VANCEBURG	2004	3	3/1/2004	5622300	4623257.504	6316874.262	152234.1169
KPC		5.2 CITY OF VANCEBURG	2004	4	4/1/2004	4774800	3737175.364	5430792.123	190816.2569
KPC		5.2 CITY OF VANCEBURG	2004	5	5/1/2004	5165900	4028603.441	5722220.2	290488.1796
KPC		5.2 CITY OF VANCEBURG	2004	6	6/1/2004	5227000	4397387.109	6091003.868	-17195.48851
KPC		5.2 CITY OF VANCEBURG	2004	7	7/1/2004	5771900	5047570.394	6741187.153	-122478.7736
KPC		5.2 CITY OF VANCEBURG	2004	8	8/1/2004	5463400	5241911.958	6935528.717	-625320.3373
KPC		5.2 CITY OF VANCEBURG	2004	9	9/1/2004	4894000	3830205.188	5523821.946	216986.4329
KPC		5.2 CITY OF VANCEBURG	2004	10	10/1/2004	4625900	3962806.796	5656423.555	-183715.1758
KPC		5.2 CITY OF VANCEBURG	2004	11	11/1/2004	5099800	4040479.227	5734095.986	212512.3933
KPC		5.2 CITY OF VANCEBURG	2004	12	12/1/2004	6754800	5805884.764	7499501.523	102106.8568
KPC		5.2 CITY OF VANCEBURG	2005	1	1/1/2005	6745600	6339679.302	8033296.061	-440887.6818
KPC		5.2 CITY OF VANCEBURG	2005	2	2/1/2005	5941500	4387799.526	6081416.285	706892.0948
KPC		5.2 CITY OF VANCEBURG	2005	3	3/1/2005	6355800	4853536.577	6547153.336	655455.0432
KPC		5.2 CITY OF VANCEBURG	2005	4	4/1/2005	4677400	3836553.34	5530170.099	-5961.719652
KPC		5.2 CITY OF VANCEBURG	2005	5	5/1/2005	4702300	3960802.241	5654418.999	-105310.6201

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC	5.2	CITY OF VANCEBURG	2005	6	6/1/2005	5447400	4416111.637	6109728.396	184479.9835
KPC	5.2	CITY OF VANCEBURG	2005	7	7/1/2005	6301700	5262589.782	6956206.541	192301.8388
KPC	5.2	CITY OF VANCEBURG	2005	8	8/1/2005	6255200	5353318.408	7046935.166	55073.21307
KPC	5.2	CITY OF VANCEBURG	2005	9	9/1/2005	5113200	4371498.048	6065114.807	-105106.4276
KPC	5.2	CITY OF VANCEBURG	2005	10	10/1/2005	5019600	4199204.857	5892821.616	-26413.23642
KPC	5.2	CITY OF VANCEBURG	2005	11	11/1/2005	5577300	4459973.384	6153590.143	270518.2364
KPC	5.2	CITY OF VANCEBURG	2005	12	12/1/2005	7594900	6255982.638	7949599.397	492108.9824
KPC	5.2	CITY OF VANCEBURG	2006	1	1/1/2006	6398257	6400753.063	8094369.822	-849304.4427
KPC	5.2	CITY OF VANCEBURG	2006	2	2/1/2006	6314298	4451637.855	6145254.613	1015851.766
KPC	5.2	CITY OF VANCEBURG	2006	3	3/1/2006	6145647	5398756.217	7092372.976	-99917.59656
KPC	5.2	CITY OF VANCEBURG	2006	4	4/1/2006	4667655	3740014.18	5433630.939	80832.44018
KPC	5.2	CITY OF VANCEBURG	2006	5	5/1/2006	5015456	4094362.621	5787979.379	74285.0001
KPC	5.2	CITY OF VANCEBURG	2006	6	6/1/2006	5415456	4489101.607	6182718.365	79546.0139
KPC	5.2	CITY OF VANCEBURG	2006	7	7/1/2006	6364417	5166622.598	6860239.357	350986.0223
KPC	5.2	CITY OF VANCEBURG	2006	8	8/1/2006	6583382	5495788.945	7189405.704	240784.6752
KPC	5.2	CITY OF VANCEBURG	2006	9	9/1/2006	5034548	4304331.749	5997948.508	-116592.1285
KPC	5.2	CITY OF VANCEBURG	2006	10	10/1/2006	5601748	4142728.456	5836345.215	612211.1641
KPC	5.2	CITY OF VANCEBURG	2006	11	11/1/2006	5947180	4981732.192	6675348.951	118639.4286
KPC	5.2	CITY OF VANCEBURG	2006	12	12/1/2006	6807119	6303875.556	7997492.315	-343564.9354
KPC	5.2	CITY OF VANCEBURG	2007	1	1/1/2007	6588896	6045954.258	7739571.017	-303866.6372
KPC	5.2	CITY OF VANCEBURG	2007	2	2/1/2007	7202739	5495375.866	7188992.625	860554.7543
KPC	5.2	CITY OF VANCEBURG	2007	3	3/1/2007	6068974	5500054.136	7193670.894	-277888.5149
KPC	5.2	CITY OF VANCEBURG	2007	4	4/1/2007	5517935	3835300.686	5528917.445	835825.9343
KPC	5.2	CITY OF VANCEBURG	2007	5	5/1/2007	5427061	4622899.047	6316515.806	-42646.42658
KPC	5.2	CITY OF VANCEBURG	2007	6	6/1/2007	5802358	4642465.688	6336082.446	313083.933
KPC	5.2	CITY OF VANCEBURG	2007	7	7/1/2007	6033322	5740654.391	7434271.15	-554140.7704
KPC	5.2	CITY OF VANCEBURG	2007	8	8/1/2007	6768081	5498061.544	7191678.302	423211.077
KPC	5.2	CITY OF VANCEBURG	2007	9	9/1/2007	5222239	4654107.676	6347724.435	-278677.0558
KPC	5.2	CITY OF VANCEBURG	2007	10	10/1/2007	4820080	4454092.601	6147709.359	-480820.98
KPC	5.2	CITY OF VANCEBURG	2007	11	11/1/2007	5498788	4859544.527	6553161.286	-207564.9063
KPC	5.2	CITY OF VANCEBURG	2007	12	12/1/2007	6876039	6162892.41	7856509.168	-133661.789
KPC	5.2	CITY OF VANCEBURG	2008	1	1/1/2008	7869550	5846592.005	7540208.763	1176149.616
KPC	5.2	CITY OF VANCEBURG	2008	2	2/1/2008	7046240	5779668.591	7473285.349	419763.03
KPC	5.2	CITY OF VANCEBURG	2008	3	3/1/2008	6590161	5299645.206	6993261.965	443707.4149
KPC	5.2	CITY OF VANCEBURG	2008	4	4/1/2008	5051722	4666110.481	6359727.24	-461196.8602
KPC	5.2	CITY OF VANCEBURG	2008	5	5/1/2008	4953384	4432916.878	6126533.636	-326341.2569
KPC	5.2	CITY OF VANCEBURG	2008	6	6/1/2008	5619318	4799040.879	6492657.638	-26531.2587

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC		5.2 CITY OF VANCEBURG	2008	7	7/1/2008	6184453	5281662.901	6975279.66	55981.71978
KPC		5.2 CITY OF VANCEBURG	2008	8	8/1/2008	5845131	5493394.395	7187011.153	-495071.774
KPC		5.2 CITY OF VANCEBURG	2008	9	9/1/2008	4987397	4162011.955	5855628.714	-21423.33414
KPC		5.2 CITY OF VANCEBURG	2008	10	10/1/2008	5121746	4256639.002	5950255.761	18298.61849
KPC		5.2 CITY OF VANCEBURG	2008	11	11/1/2008	5868990	4646759.56	6340376.318	375422.061
KPC		5.2 CITY OF VANCEBURG	2008	12	12/1/2008	6684470	6496581.771	8190198.529	-658920.15
KPC		5.2 CITY OF VANCEBURG	2009	1	1/1/2009	7669855	6504973.265	8198590.024	318073.3559
KPC		5.2 CITY OF VANCEBURG	2009	2	2/1/2009	5961478	6189602.389	7883219.148	-1074932.768
KPC		5.2 CITY OF VANCEBURG	2009	3	3/1/2009	5401225	4970396.024	6664012.783	-415979.4033
KPC		5.2 CITY OF VANCEBURG	2009	4	4/1/2009	4657686	4069900.515	5763517.274	-259022.8948
KPC		5.2 CITY OF VANCEBURG	2009	5	5/1/2009	4531689	3895268.694	5588885.453	-210388.0738
KPC		5.2 CITY OF VANCEBURG	2009	6	6/1/2009	5244464	4337724.334	6031341.093	59931.28684
KPC		5.2 CITY OF VANCEBURG	2009	7	7/1/2009	5288042	5089136.397	6782753.156	-647902.7763
KPC		5.2 CITY OF VANCEBURG	2009	8	8/1/2009	5730604	4860293.959	6553910.718	23501.66176
KPC		5.2 CITY OF VANCEBURG	2009	9	9/1/2009	4833290	3945748.793	5639365.552	40732.82744
KPC		5.2 CITY OF VANCEBURG	2009	10	10/1/2009	5002297	3968034.267	5661651.026	187454.3538
KPC		5.2 CITY OF VANCEBURG	2009	11	11/1/2009	5190393	4720007.81	6413624.569	-376423.1894
KPC		5.2 CITY OF VANCEBURG	2009	12	12/1/2009	6753397	5803371.613	7496988.371	103217.0079
KPC		5.2 CITY OF VANCEBURG	2010	1	1/1/2010	7579071	6864845.392	8558462.151	-132582.7718
KPC		5.2 CITY OF VANCEBURG	2010	2	2/1/2010	6757084	5519518.234	7213134.993	390757.3864
KPC		5.2 CITY OF VANCEBURG	2010	3	3/1/2010	5812924	5325228.668	7018845.426	-359113.0469
KPC		5.2 CITY OF VANCEBURG	2010	4	4/1/2010	4841453	3931330.946	5624947.704	63313.67498
KPC		5.2 CITY OF VANCEBURG	2010	5	5/1/2010	5183562	4118191.865	5811808.623	218561.7559
KPC		5.2 CITY OF VANCEBURG	2010	6	6/1/2010	5963525	4745653.312	6439270.07	371063.3089
KPC		5.2 CITY OF VANCEBURG	2010	7	7/1/2010	6592324	5310588.195	7004204.954	434927.4251
KPC		5.2 CITY OF VANCEBURG	2010	8	8/1/2010	6489495	5692603.635	7386220.394	-49917.01453
KPC		5.2 CITY OF VANCEBURG	2010	9	9/1/2010	5242998	4415978.129	6109594.888	-19788.5088
KPC		5.2 CITY OF VANCEBURG	2010	10	10/1/2010	5076465	4516946.684	6210563.443	-287290.0638
KPC		5.2 CITY OF VANCEBURG	2010	11	11/1/2010	5784041	4767719.508	6461336.266	169513.113
KPC		5.2 CITY OF VANCEBURG	2010	12	12/1/2010	7769632	6320290.647	8013907.405	602532.974
KPC		5.2 CITY OF VANCEBURG	2011	1	1/1/2011	7785463	7139422.517	8833039.276	-200767.8965
KPC		5.2 CITY OF VANCEBURG	2011	2	2/1/2011	6283390	5913767.846	7607384.605	-477186.2254
KPC		5.2 CITY OF VANCEBURG	2011	3	3/1/2011	6105289	5057914.486	6751531.245	200566.1342
KPC		5.2 CITY OF VANCEBURG	2011	4	4/1/2011	4946921	4294174.458	5987791.216	-194061.8371
KPC		5.2 CITY OF VANCEBURG	2011	5	5/1/2011	4076127	4083259.859	5776876.618	-853941.2384
KPC		5.2 CITY OF VANCEBURG	2011	6	6/1/2011	5450874	4856191.599	6549808.358	-252125.9787
KPC		5.2 CITY OF VANCEBURG	2011	7	7/1/2011	6331082	5252007.104	6945623.862	232266.5171

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC	5.2	CITY OF VANCEBURG	2011	8	8/1/2011	5735701	5288791.832	6982408.591	-399899.2115
KPC	5.2	CITY OF VANCEBURG	2011	9	9/1/2011	4614793	4021069.527	5714686.286	-253084.9061
KPC	5.2	CITY OF VANCEBURG	2011	10	10/1/2011	4792815	4179261.327	5872878.086	-233254.7065
KPC	5.2	CITY OF VANCEBURG	2011	11	11/1/2011	5212036	4566244.826	6259861.585	-201017.2057
KPC	5.2	CITY OF VANCEBURG	2011	12	12/1/2011	6251902	5893275.71	7586892.469	-488182.0891
KPC	5.2	CITY OF VANCEBURG	2012	1	1/1/2012	6718523	6259886.093	7953502.852	-388171.4723
KPC	5.2	CITY OF VANCEBURG	2012	2	2/1/2012	6092541	5066941.792	6760558.551	178790.8283
KPC	5.2	CITY OF VANCEBURG	2012	3	3/1/2012	5306366	4759529.647	6453146.406	-299972.0261
KPC	5.2	CITY OF VANCEBURG	2012	4	4/1/2012	4943293	3663421.472	5357038.231	433063.1485
KPC	5.2	CITY OF VANCEBURG	2012	5	5/1/2012	5453549	3921051.182	5614667.941	685689.4388
KPC	5.2	CITY OF VANCEBURG	2012	6	6/1/2012	5582373	4778318.176	6471934.935	-42753.55581
KPC	5.2	CITY OF VANCEBURG	2012	7	7/1/2012	4478214	3795982.179	5489598.938	-164576.5582
KPC	5.2	CITY OF VANCEBURG	2012	8	8/1/2012	8129155	7336872.78	9030489.539	-54526.15976
KPC	5.2	CITY OF VANCEBURG	2012	9	9/1/2012	5145410	4173902.491	5867519.249	124699.1299
KPC	5.2	CITY OF VANCEBURG	2012	10	10/1/2012	5081638	4220106.418	5913723.177	14723.20239
KPC	5.2	CITY OF VANCEBURG	2012	11	11/1/2012	5965852	4901102.853	6594719.612	217940.7676
KPC	5.2	CITY OF VANCEBURG	2012	12	12/1/2012	6499653	6167154.474	7860771.233	-514309.8534
KPC	5.2	CITY OF VANCEBURG	2013	1	1/1/2013	7082293	6345504.704	8039121.463	-110020.0835
KPC	5.2	CITY OF VANCEBURG	2013	2	2/1/2013	6358163	5637574.11	7331190.869	-126219.4895
KPC	5.2	CITY OF VANCEBURG	2013	3	3/1/2013	5747758.598	4900950.219	6594566.978	
KPC	5.2	CITY OF VANCEBURG	2013	4	4/1/2013	5043782.23	4176190.388	5911374.071	
KPC	5.2	CITY OF VANCEBURG	2013	5	5/1/2013	5043705.557	4175093.976	5912317.139	
KPC	5.2	CITY OF VANCEBURG	2013	6	6/1/2013	5610964.22	4691544.416	6530384.023	
KPC	5.2	CITY OF VANCEBURG	2013	7	7/1/2013	6303084.579	5374197.306	7231971.852	
KPC	5.2	CITY OF VANCEBURG	2013	8	8/1/2013	6229911.663	5299982.97	7159840.356	
KPC	5.2	CITY OF VANCEBURG	2013	9	9/1/2013	5135264.253	4198404.323	6072124.183	
KPC	5.2	CITY OF VANCEBURG	2013	10	10/1/2013	5148728.057	4209183.502	6088272.613	
KPC	5.2	CITY OF VANCEBURG	2013	11	11/1/2013	5756336.926	4816281.289	6696392.563	
KPC	5.2	CITY OF VANCEBURG	2013	12	12/1/2013	6872669.802	5931482.687	7813856.918	
KPC	5.2	CITY OF VANCEBURG	2014	1	1/1/2014	7366422.268	6424593.47	8308251.066	
KPC	5.2	CITY OF VANCEBURG	2014	2	2/1/2014	6490253.203	5548243.963	7432262.443	
KPC	5.2	CITY OF VANCEBURG	2014	3	3/1/2014	5900991.078	4902947.795	6899034.361	
KPC	5.2	CITY OF VANCEBURG	2014	4	4/1/2014	5163852.197	4162154.745	6165549.649	
KPC	5.2	CITY OF VANCEBURG	2014	5	5/1/2014	5130199.524	4128179.755	6132219.294	
KPC	5.2	CITY OF VANCEBURG	2014	6	6/1/2014	5707737.166	4698632.434	6716841.897	
KPC	5.2	CITY OF VANCEBURG	2014	7	7/1/2014	6390712.463	5380050.198	7401374.729	
KPC	5.2	CITY OF VANCEBURG	2014	8	8/1/2014	6303922.075	5293036.087	7314808.063	

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JURIS	revcls	name	YEAR	MONTH	time	KWH	L95	U95	RESIDUAL
KPC	5.2	CITY OF VANCEBURG	2014	9	9/1/2014	5209783.977	4197856.214	6221711.741	
KPC	5.2	CITY OF VANCEBURG	2014	10	10/1/2014	5220207.567	4207847.706	6232567.429	
KPC	5.2	CITY OF VANCEBURG	2014	11	11/1/2014	5822442.65	4809987.003	6834898.297	
KPC	5.2	CITY OF VANCEBURG	2014	12	12/1/2014	6937753.295	5925120.597	7950385.993	
KPC	5.2	CITY OF VANCEBURG	2015	1	1/1/2015	7430229.454	6417494.088	8442964.819	
KPC	5.2	CITY OF VANCEBURG	2015	2	2/1/2015	6551922.694	5539155.597	7564689.791	
KPC	5.2	CITY OF VANCEBURG	2015	3	3/1/2015	5961831.531	4900311.047	7023352.016	
KPC	5.2	CITY OF VANCEBURG	2015	4	4/1/2015	5224067.705	4159840.067	6288295.343	
KPC	5.2	CITY OF VANCEBURG	2015	5	5/1/2015	5189538.525	4125129.037	6253948.013	
KPC	5.2	CITY OF VANCEBURG	2015	6	6/1/2015	5766594.884	4696092.371	6837097.396	
KPC	5.2	CITY OF VANCEBURG	2015	7	7/1/2015	6449247.381	5377502.736	7520992.026	
KPC	5.2	CITY OF VANCEBURG	2015	8	8/1/2015	6362082.767	5290182.176	7433983.358	
KPC	5.2	CITY OF VANCEBURG	2015	9	9/1/2015	5267695.277	4194916.128	6340474.425	
KPC	5.2	CITY OF VANCEBURG	2015	10	10/1/2015	5277951.954	4204821.28	6351082.629	
KPC	5.2	CITY OF VANCEBURG	2015	11	11/1/2015	5880020.776	4806818.144	6953223.407	
KPC	5.2	CITY OF VANCEBURG	2015	12	12/1/2015	6995208.355	5921859.118	8068557.592	